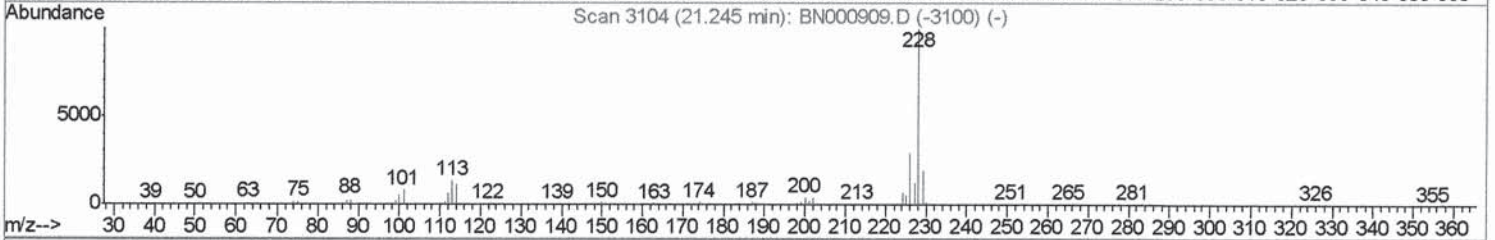
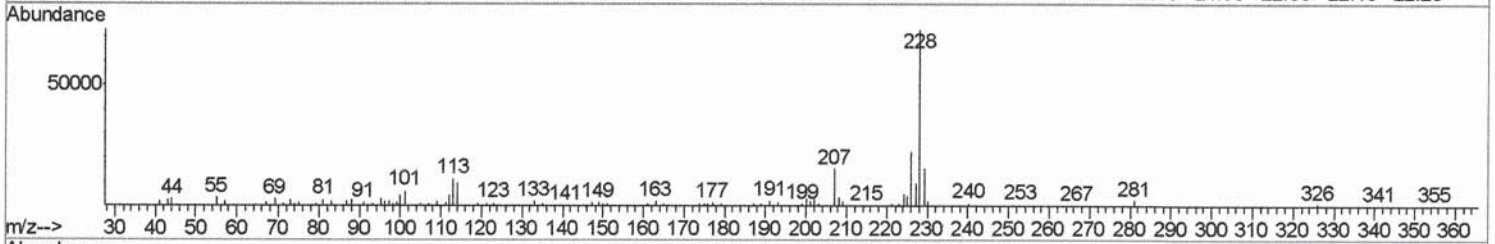
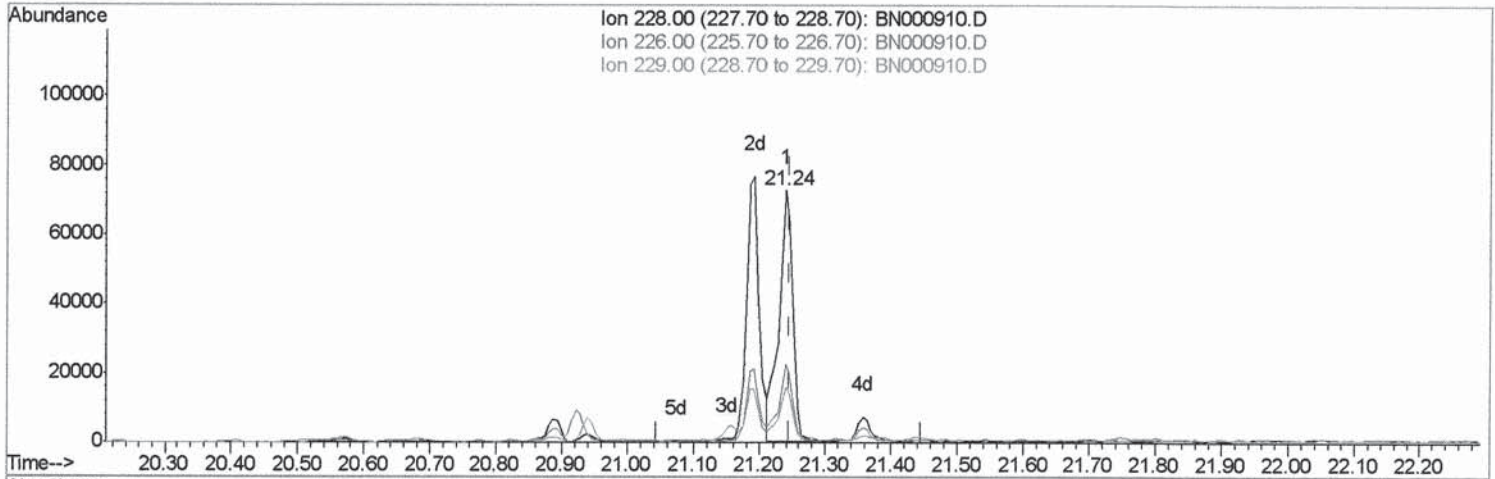


Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000910.D
 Acq On : 26 Apr 2018 02:11
 Operator : JU/SJ
 Sample : J2443-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 26 08:36:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000910.D

(21) Chrysene

21.239min (-0.006) 3.23ng/ul m

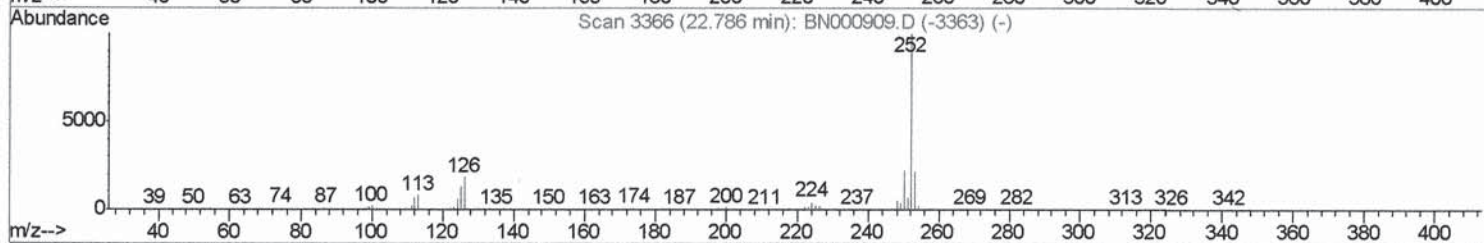
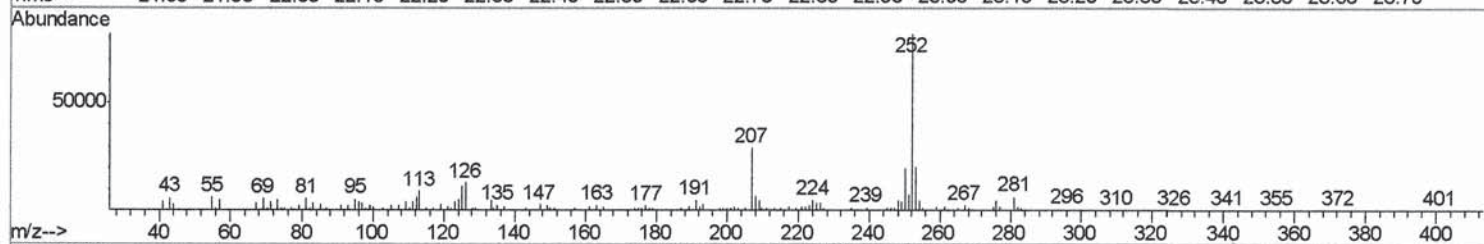
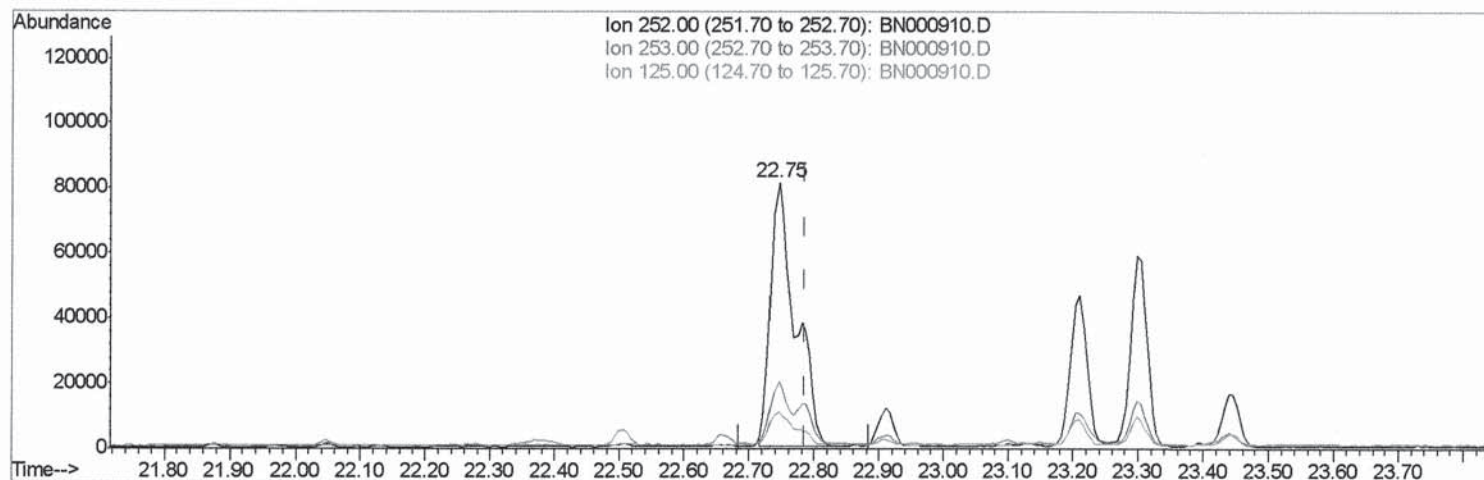
response 105834

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.00
229.00	19.80	21.89
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000910.D
Acq On : 26 Apr 2018 02:11
Operator : JU/SJ
Sample : J2443-21
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 26 08:36:47 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000910.D

(24) Benzo(k)fluoranthene

22.745min (-0.041) 6.41ng/ul

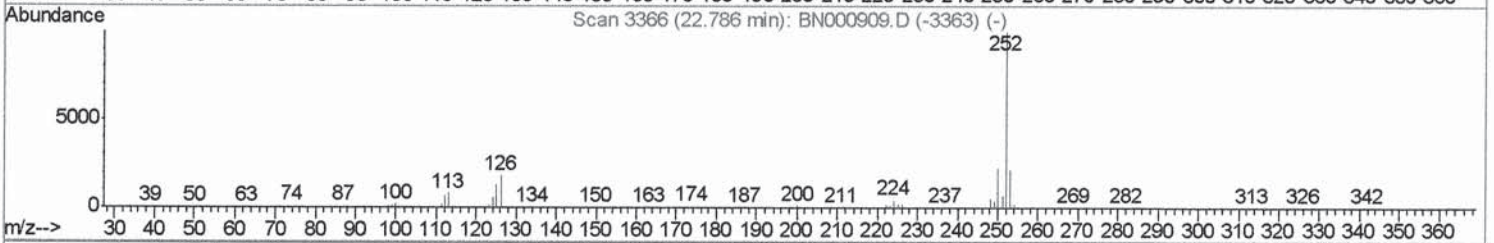
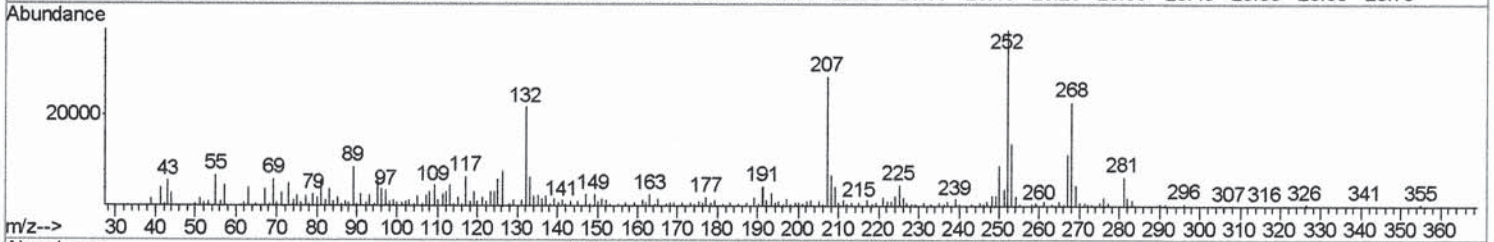
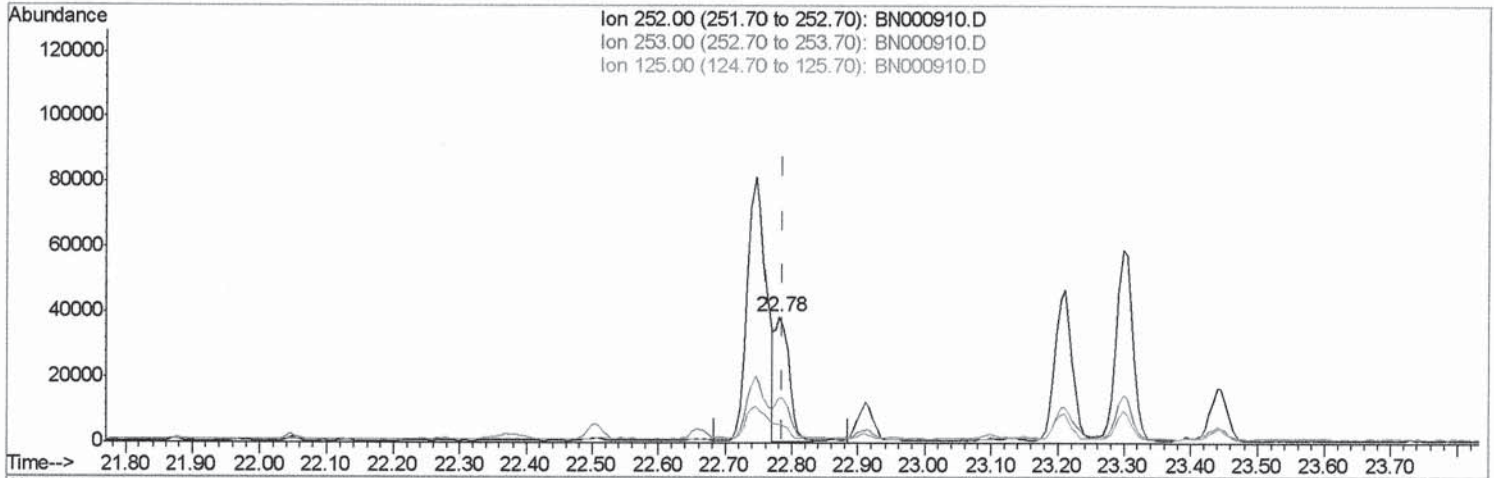
response 212643

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.24
125.00	10.10	14.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000910.D
 Acq On : 26 Apr 2018 02:11
 Operator : JU/SJ
 Sample : J2443-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 26 08:36:47 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000910.D

(24) Benzo(k)fluoranthene

22.780min (-0.006) 1.78ng/ul m

response 59133

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	36.41#
125.00	10.10	15.80#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000910.D
 Acq On : 26 Apr 2018 02:11
 Operator : JU/SJ
 Sample : J2443-21
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 26 08:41:14 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	133445	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	572676	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	292225	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	604275	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	582606	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	596704	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	662628	23.61	ng/ul	0.00
10) Fluorene-d10	15.25	176	458747	24.49	ng/ul	0.00
14) Anthracene-d10	17.10	188	655935	23.74	ng/ul	0.00
18) Pylene-d10	19.40	212	717423	24.03	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	729950	25.90	ng/ul	0.00

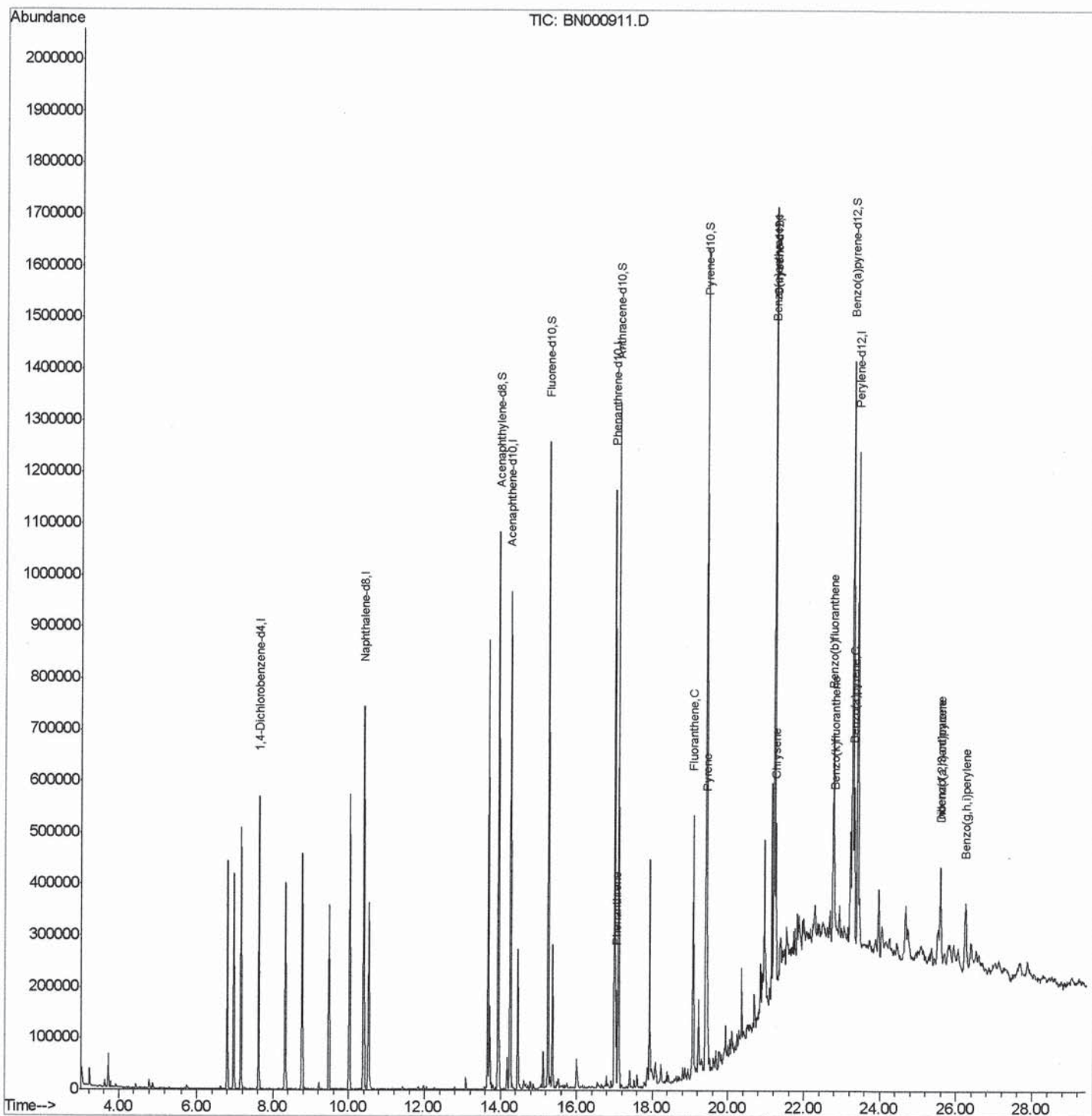
Target Compounds

					Ovalue	
13) Phenanthrene	17.04	178	99855	3.030	ng/ul	99
16) Fluoranthene	19.06	202	195985	5.861	ng/ul#	94
19) Pylene	19.43	202	159020	4.249	ng/ul#	88
20) Benzo(a)anthracene	21.19	228	100394	2.883	ng/ul	98
21) Chrysene	21.24	228	105834m	3.233	ng/ul	98
23) Benzo(b)fluoranthene	22.75	252	157762	4.652	ng/ul#	93
24) Benzo(k)fluoranthene	22.78	252	59133m	1.782	ng/ul	94
26) Benzo(a)pyrene	23.30	252	104108	3.212	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	25.57	276	85289	2.179	ng/ul#	89
29) Benzo(a,h,i)perylene	26.23	276	86967	2.656	ng/ul#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000911.D
Acq On : 26 Apr 2018 02:46
Operator : JU/SJ
Sample : J2443-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

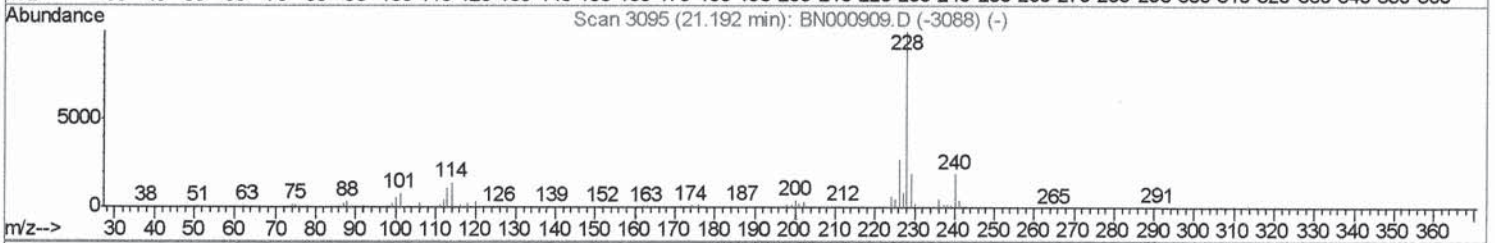
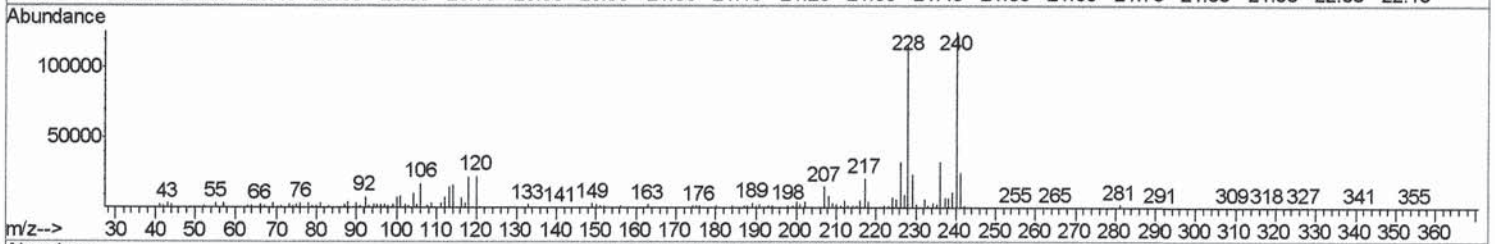
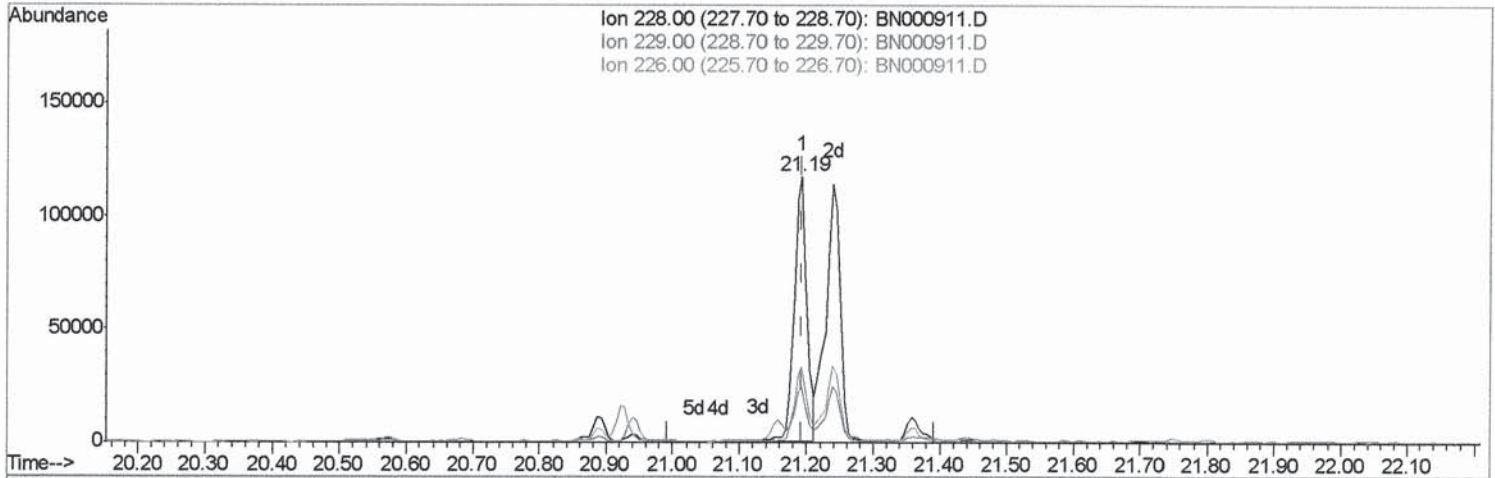
Quant Time: Apr 26 08:43:40 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000911.D

(20) Benzo(a)anthracene

21.192min (-0.000) 4.40ng/ul

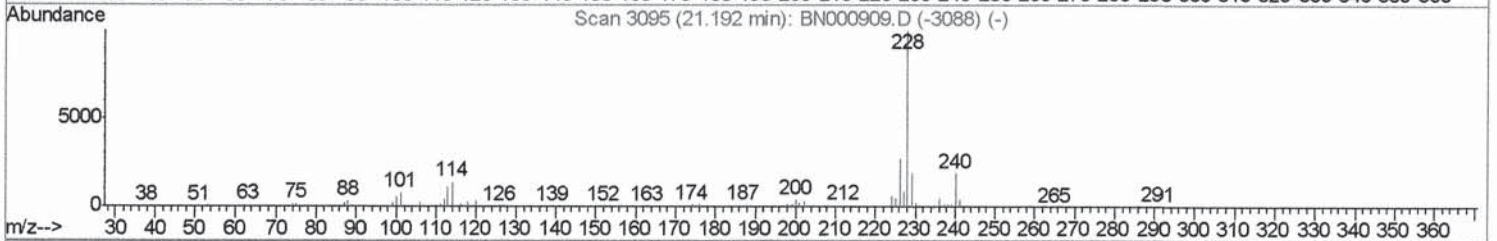
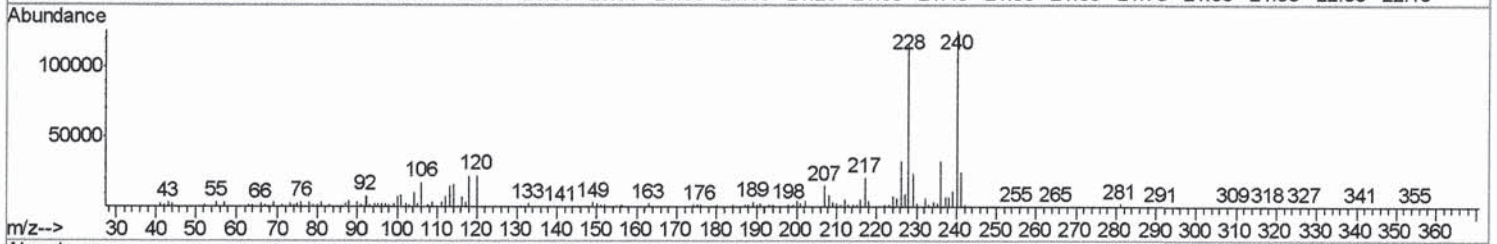
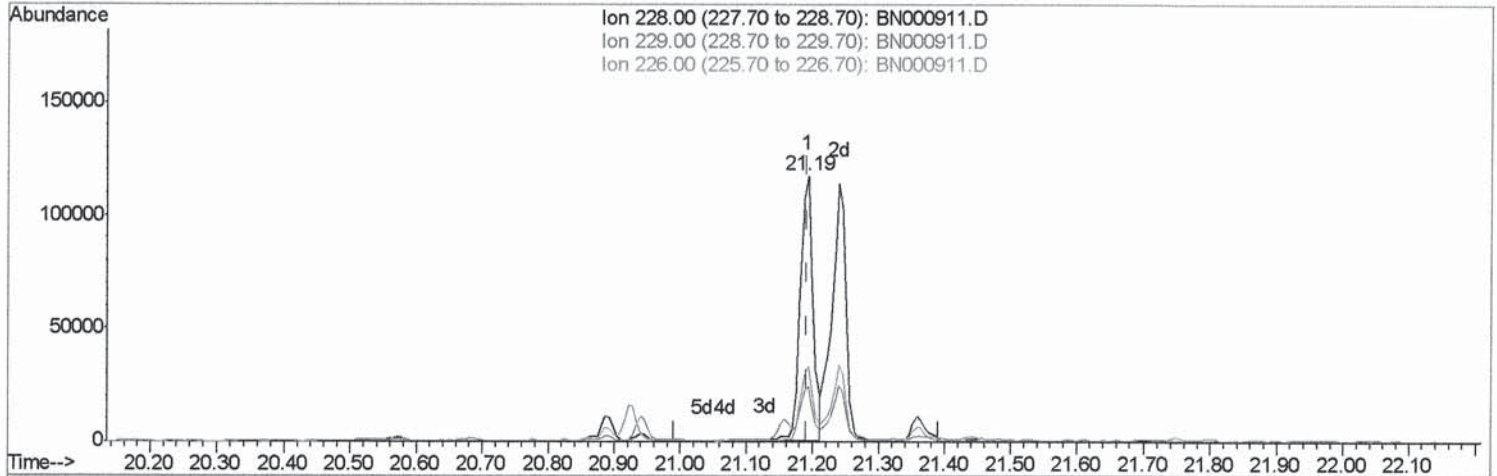
response 154360

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.74
226.00	26.40	28.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000911.D

(20) Benzo(a)anthracene

21.192min (-0.000) 4.42ng/ui m

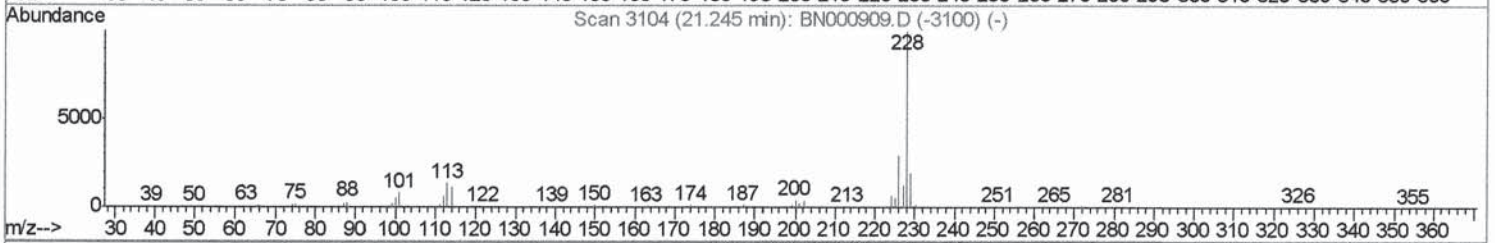
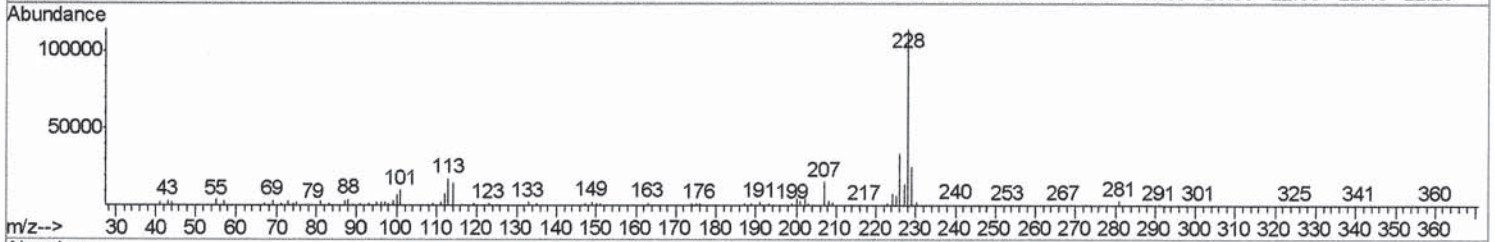
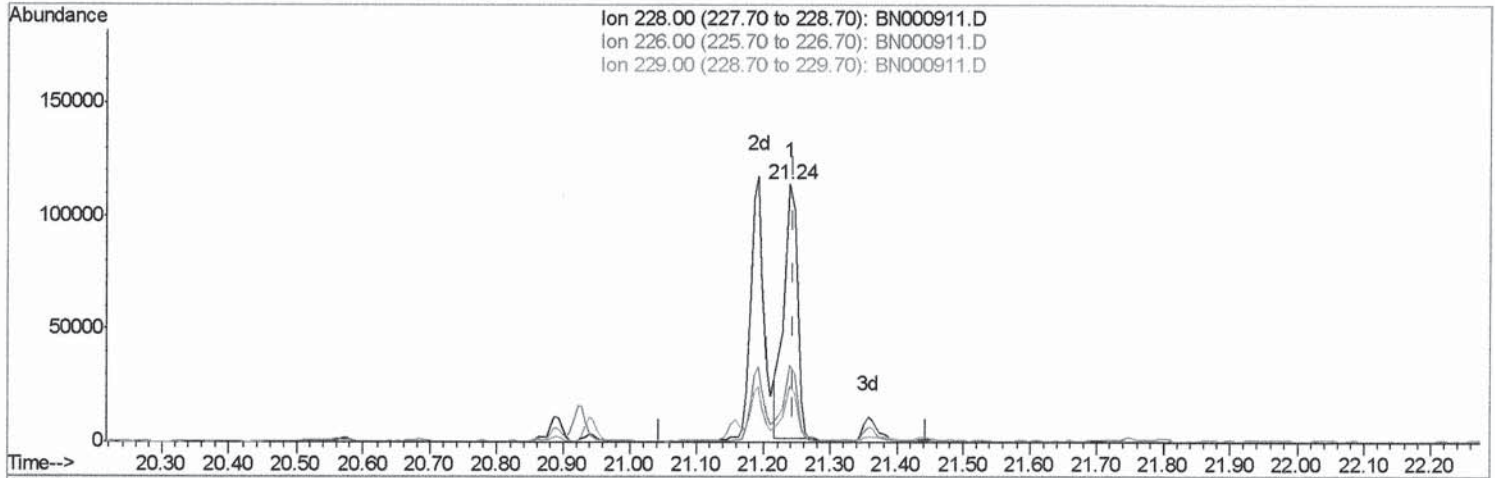
response 155021

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.74
226.00	26.40	28.43
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000911.D

(21) Chrysene

21.239min (-0.006) 4.85ng/ul

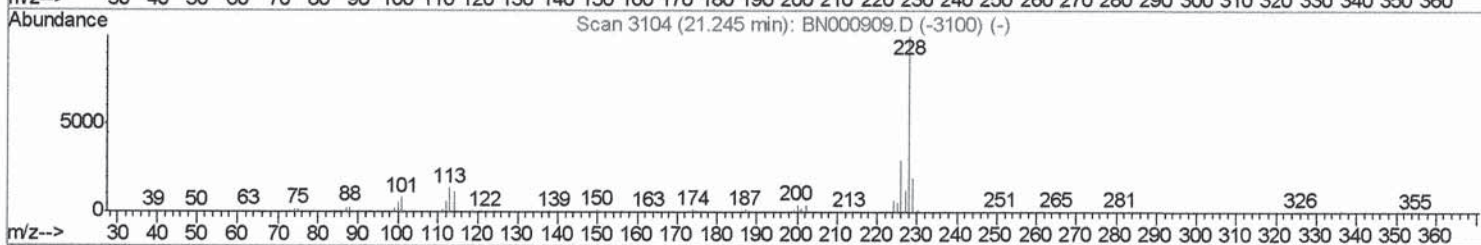
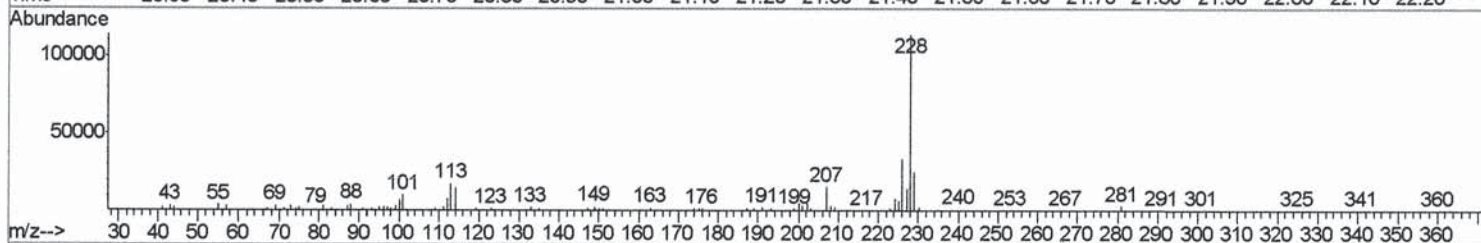
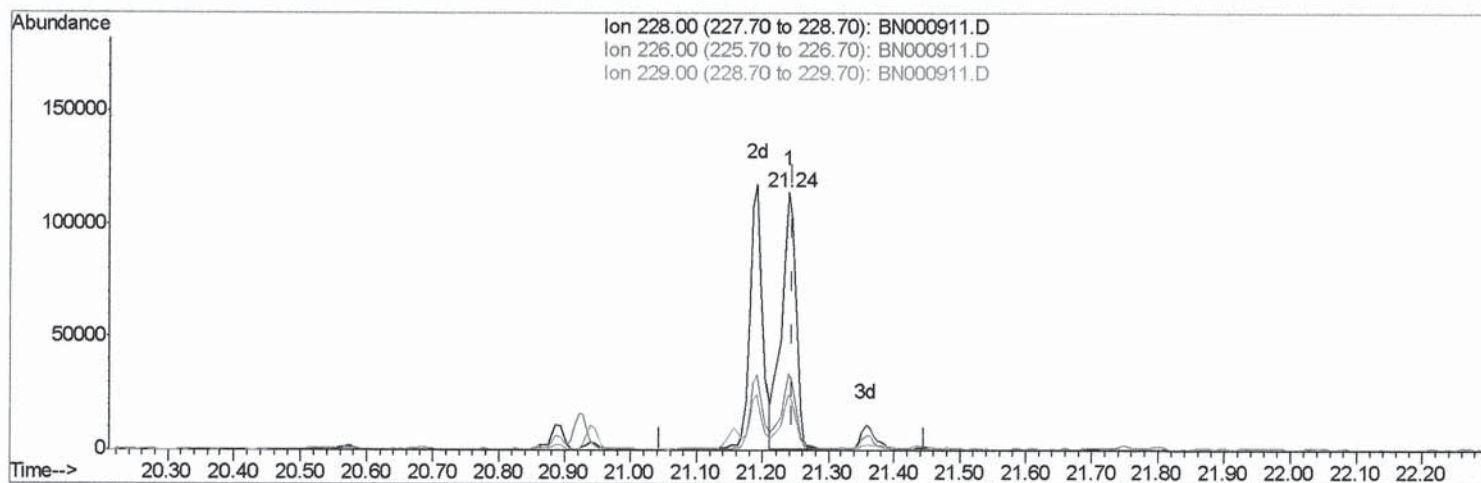
response 159934

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.92
229.00	19.80	22.17
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000911.D

(21) Chrysene

21.239min (-0.006) 5.29ng/ul m

response 174349

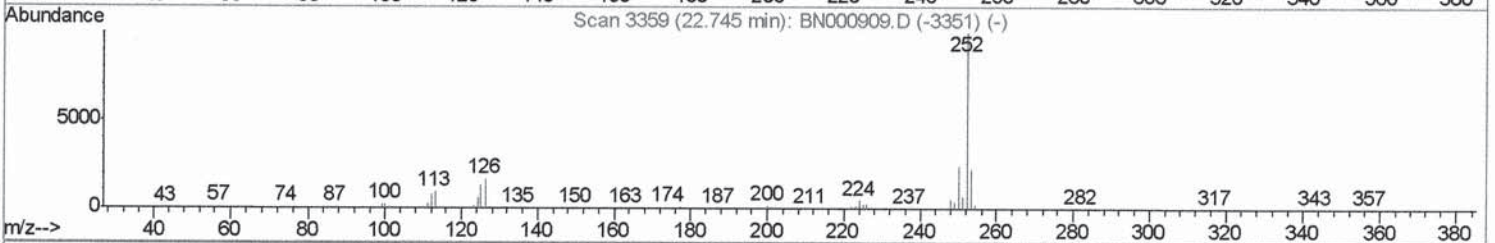
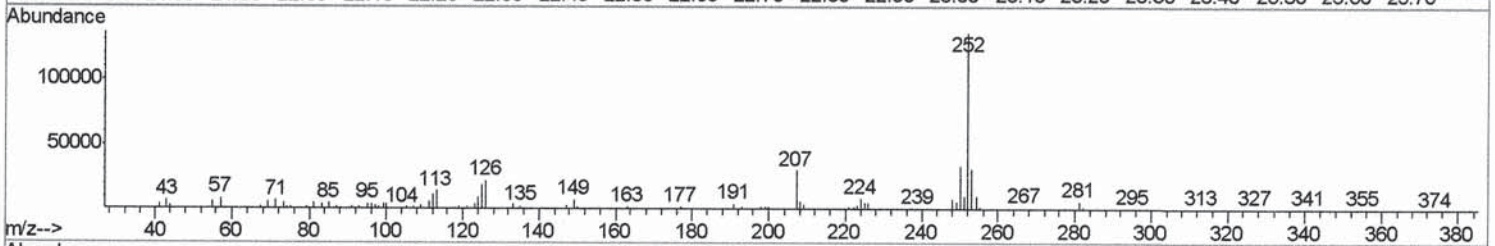
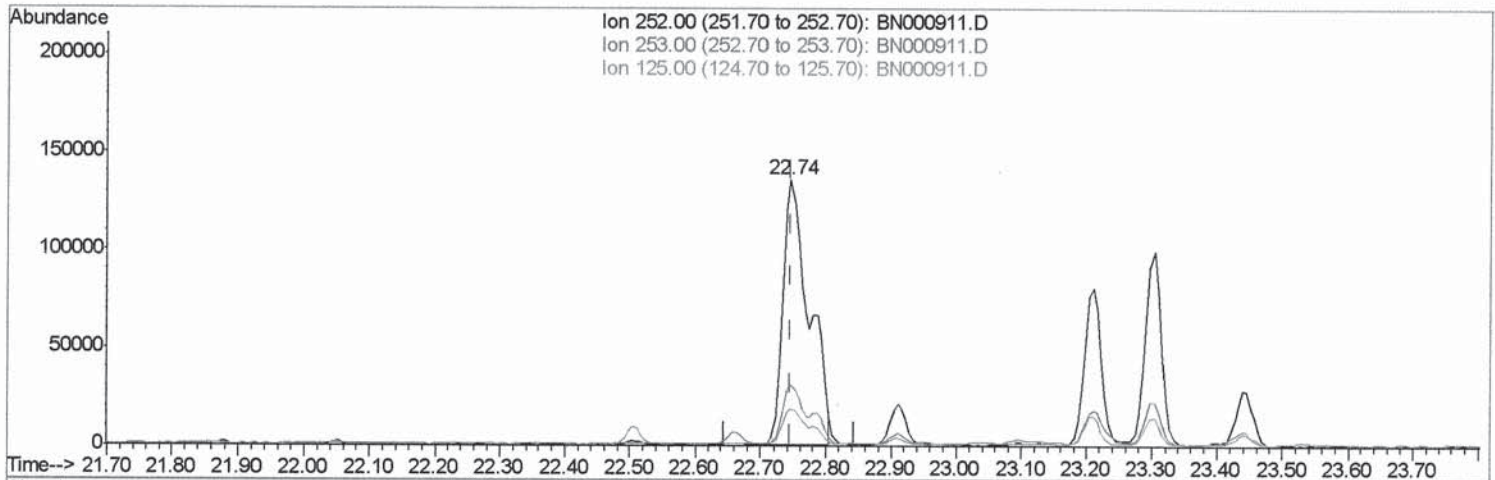
Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.92
229.00	19.80	22.17
0.00	0.00	0.00

JU 04/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000911.D

(23) Benzo(b)fluoranthene

22.745min (-0.000) 10.62ng/ul

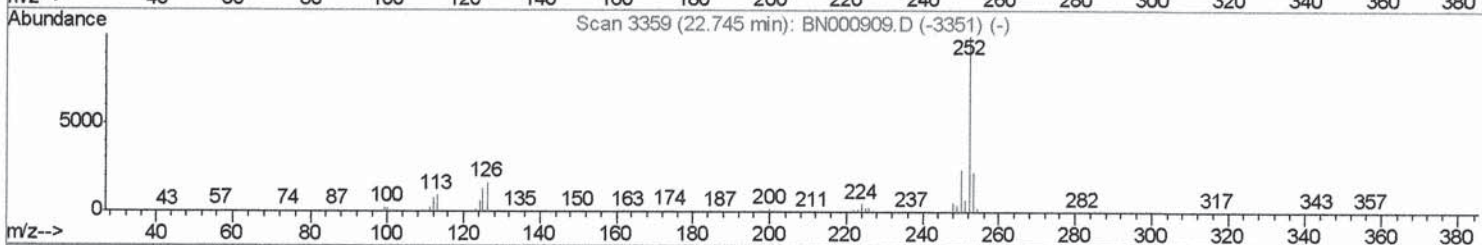
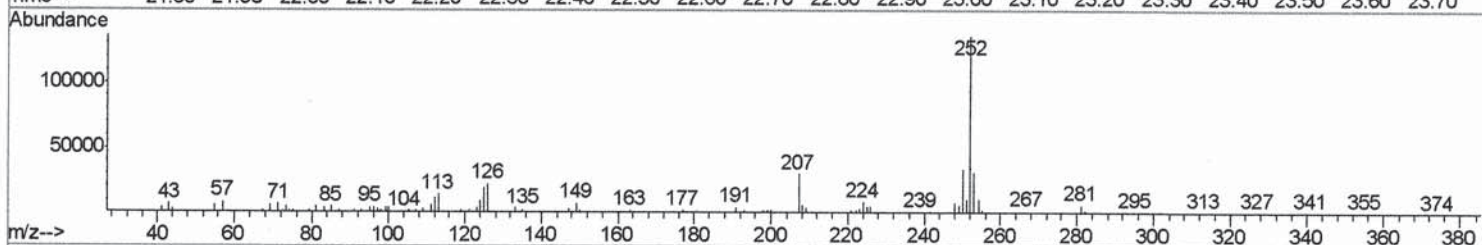
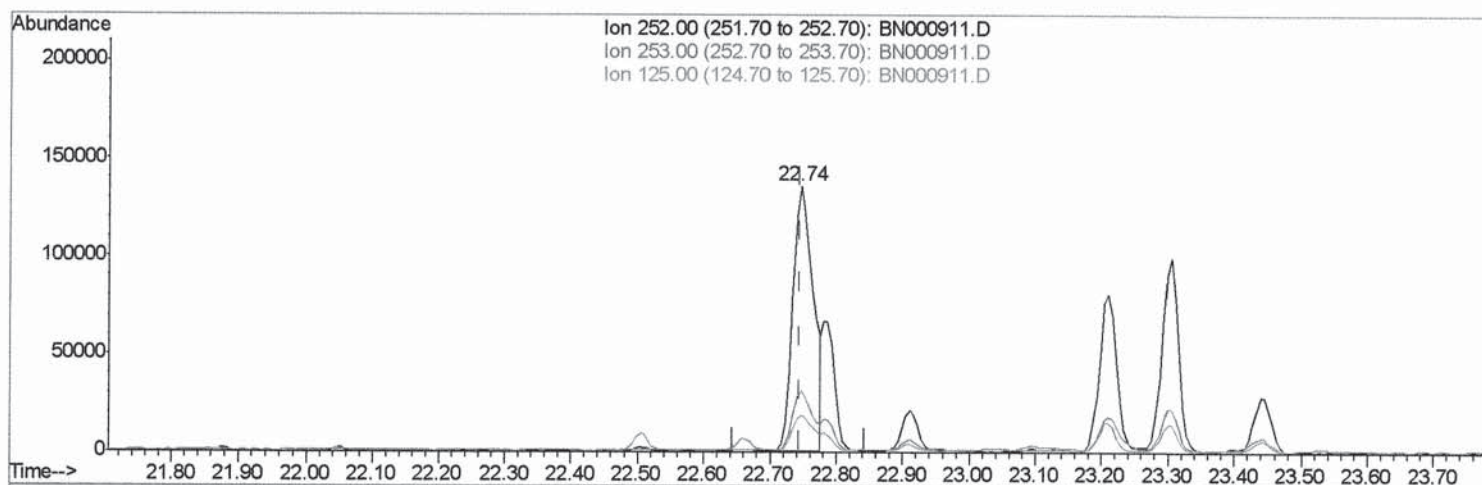
response 374184

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.06
125.00	10.00	13.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000911.D

(23) Benzo(b)fluoranthene

22.745min (-0.000) 8.32ng/ul m

response 292904

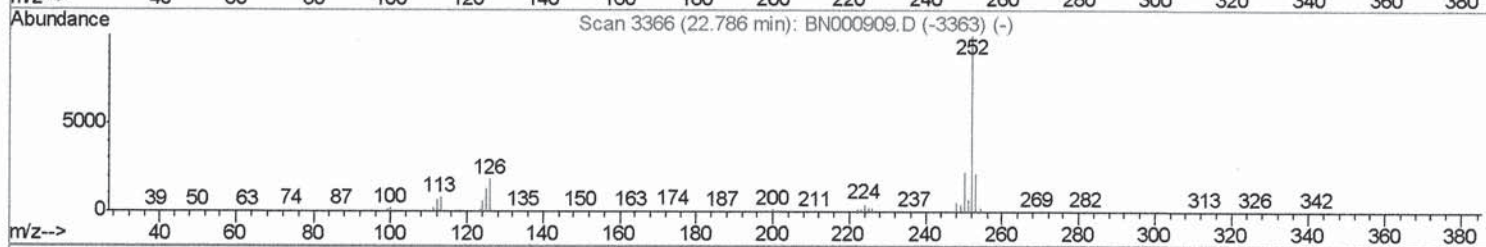
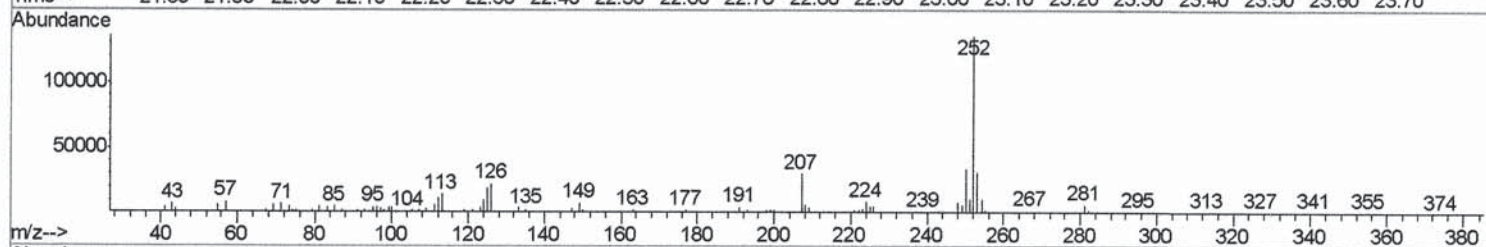
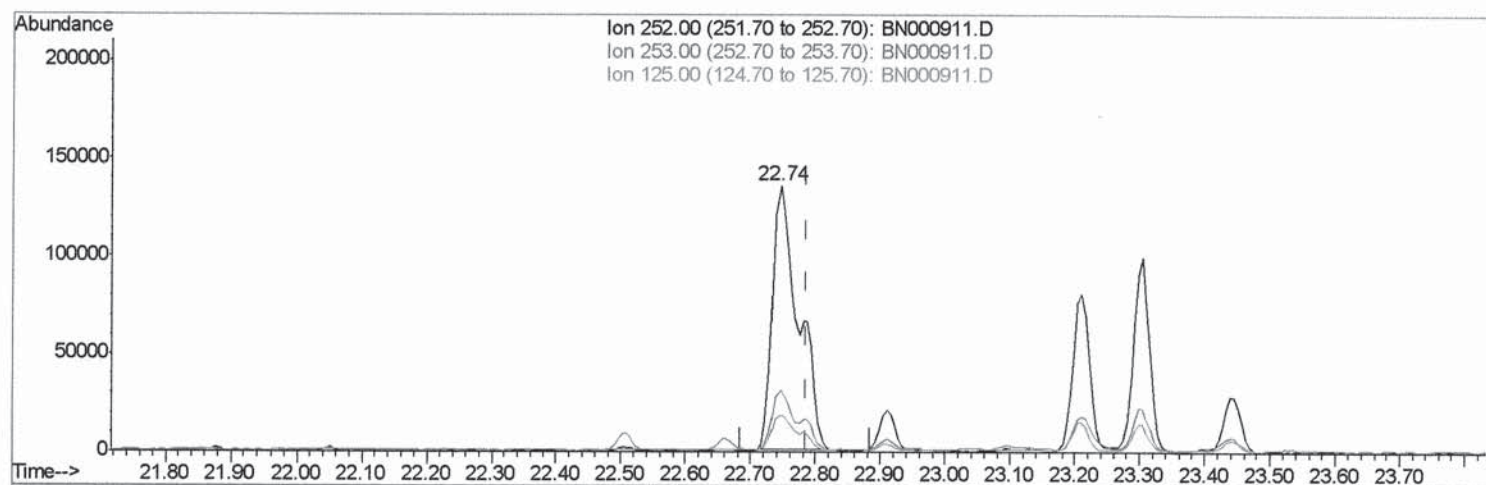
Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.06
125.00	10.00	13.93#
0.00	0.00	0.00

Handwritten signature: J2443/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000911.D
Acq On : 26 Apr 2018 02:46
Operator : JU/SJ
Sample : J2443-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000911.D

(24) Benzo(k)fluoranthene

22.745min (-0.041) 10.85ng/ui

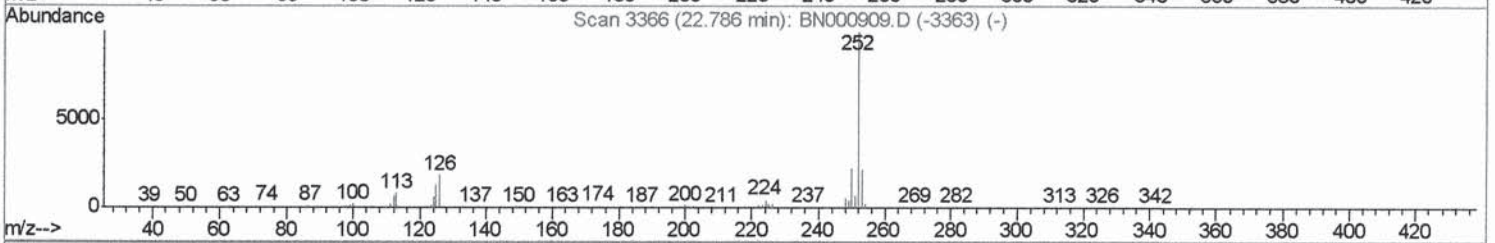
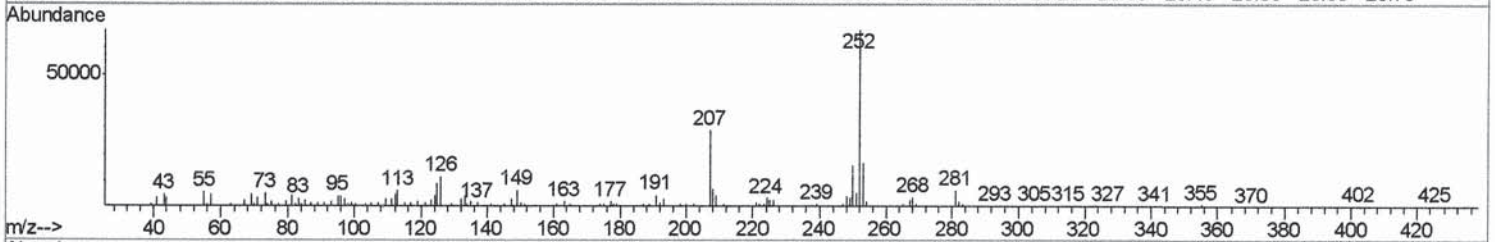
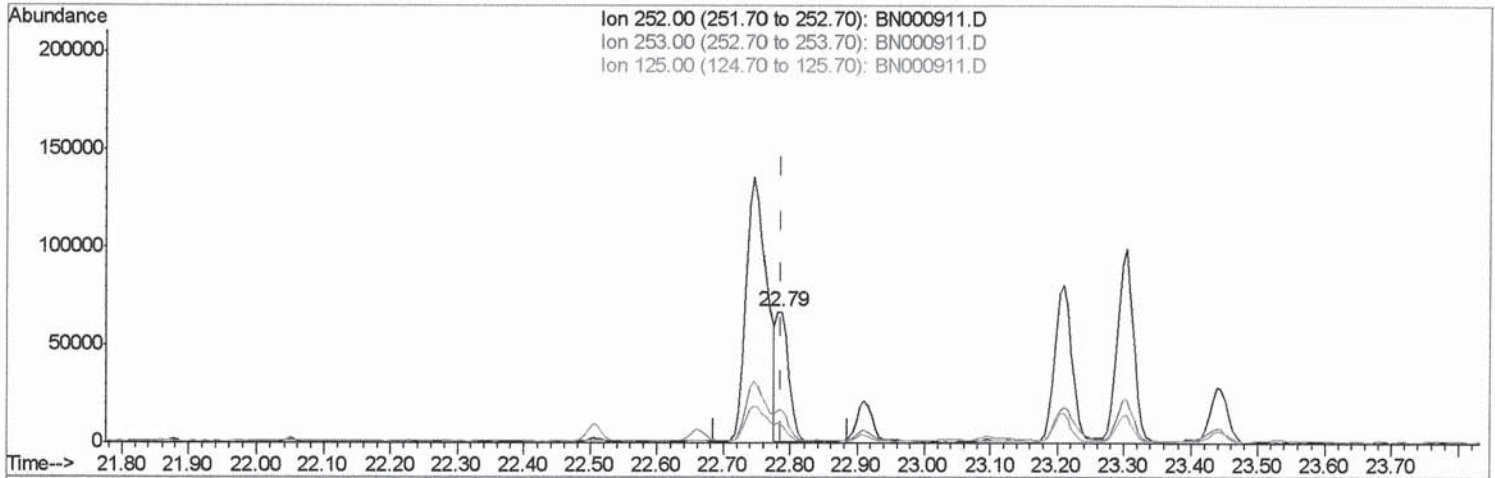
response 373847

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.06
125.00	10.10	13.93#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000911.D

(24) Benzo(k)fluoranthene

22.786min (-0.000) 2.46ng/ul m

response 84836

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.89
125.00	10.10	13.63#
0.00	0.00	0.00

Handwritten signature: J20412716

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 26 08:43:40 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	141279	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	592175	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	298945	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	611691	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	586994	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	619732	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	665689	23.19	ng/ul	0.00
10) Fluorene-d10	15.25	176	464091	24.22	ng/ul	0.00
14) Anthracene-d10	17.10	188	661766	23.66	ng/ul	0.00
18) Pvrene-d10	19.40	212	725699	24.13	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	762596	26.05	ng/ul	0.00

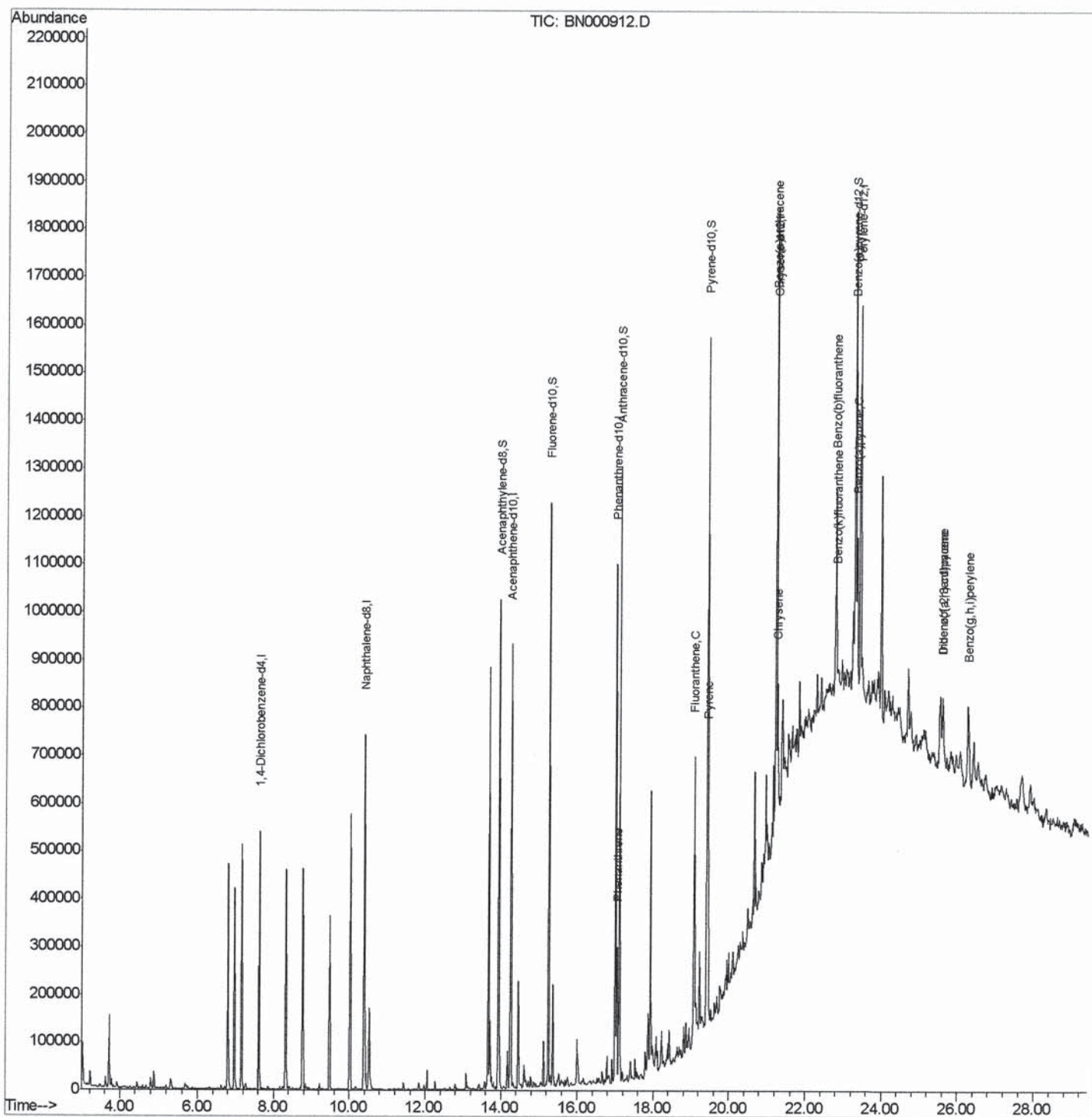
Target Compounds

					Ovalue	
13) Phenanthrene	17.04	178	102583	3.075	ng/ul	100
16) Fluoranthene	19.06	202	261267	7.719	ng/ul#	92
19) Pyrene	19.43	202	240800	6.387	ng/ul#	93
20) Benzo(a)anthracene	21.19	228	155021m	4.418	ng/ul	
21) Chrysene	21.24	228	174349m	5.286	ng/ul	
23) Benzo(b)fluoranthene	22.74	252	292904m	8.317	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	84836m	2.462	ng/ul	
26) Benzo(a)pyrene	23.30	252	165542	4.918	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	25.57	276	141185	3.473	ng/ul#	82
28) Dibenzo(a,h)anthracene	25.57	278	36502	1.077	ng/ul#	82
29) Benzo(a,h,i)perylene	26.23	276	143129	4.209	ng/ul#	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000912.D
Acq On : 26 Apr 2018 03:21
Operator : JU/SJ
Sample : J2444-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

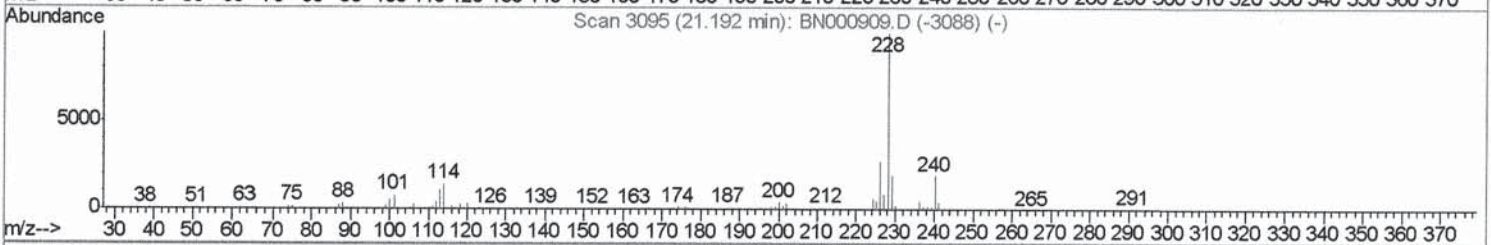
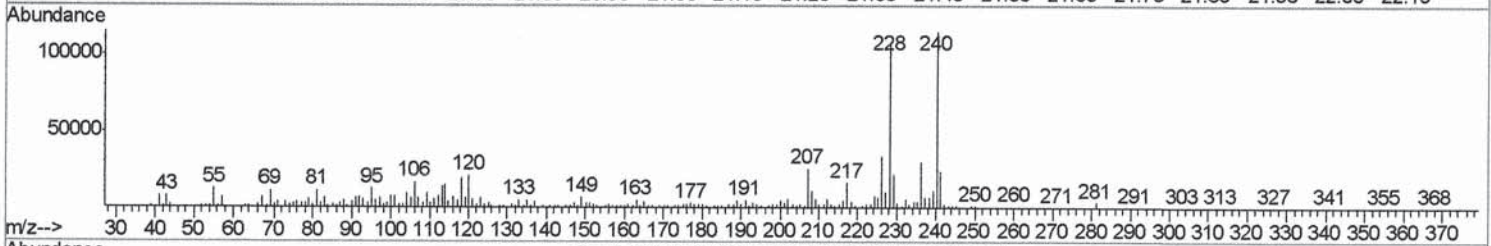
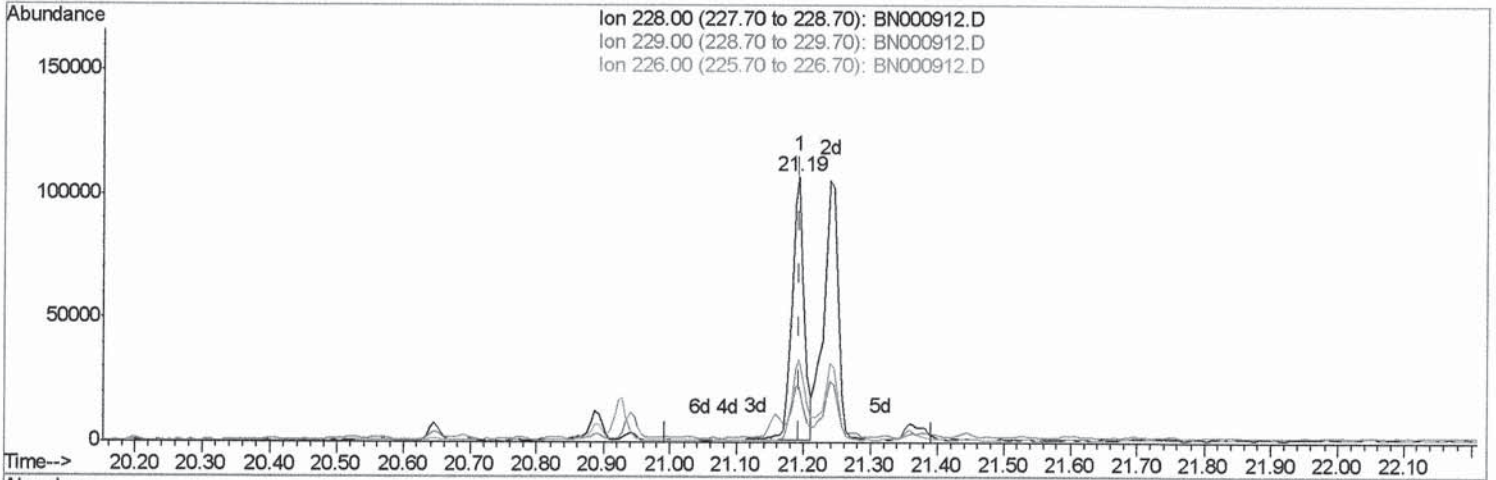
Quant Time: Apr 26 08:45:48 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(20) Benzo(a)anthracene

21.192min (-0.000) 4.62ng/ui

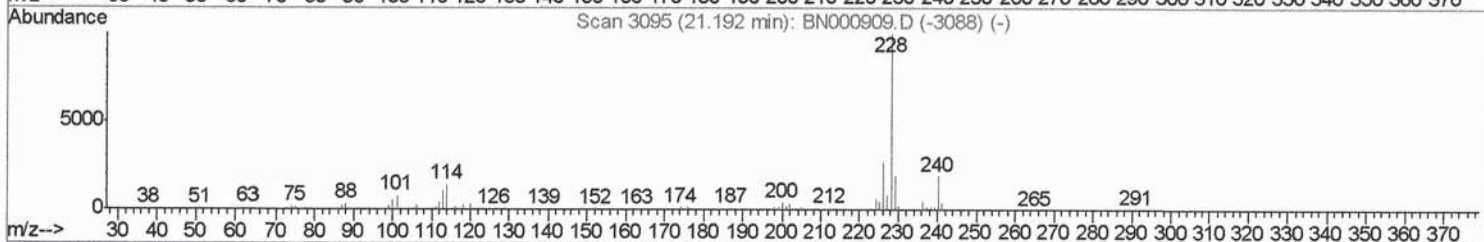
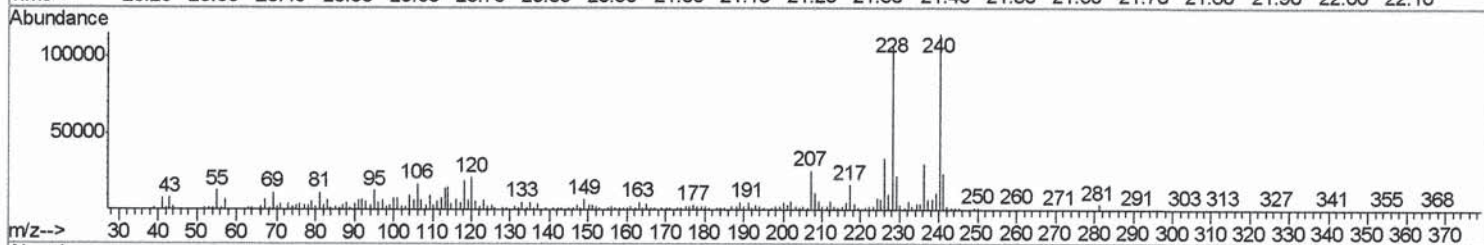
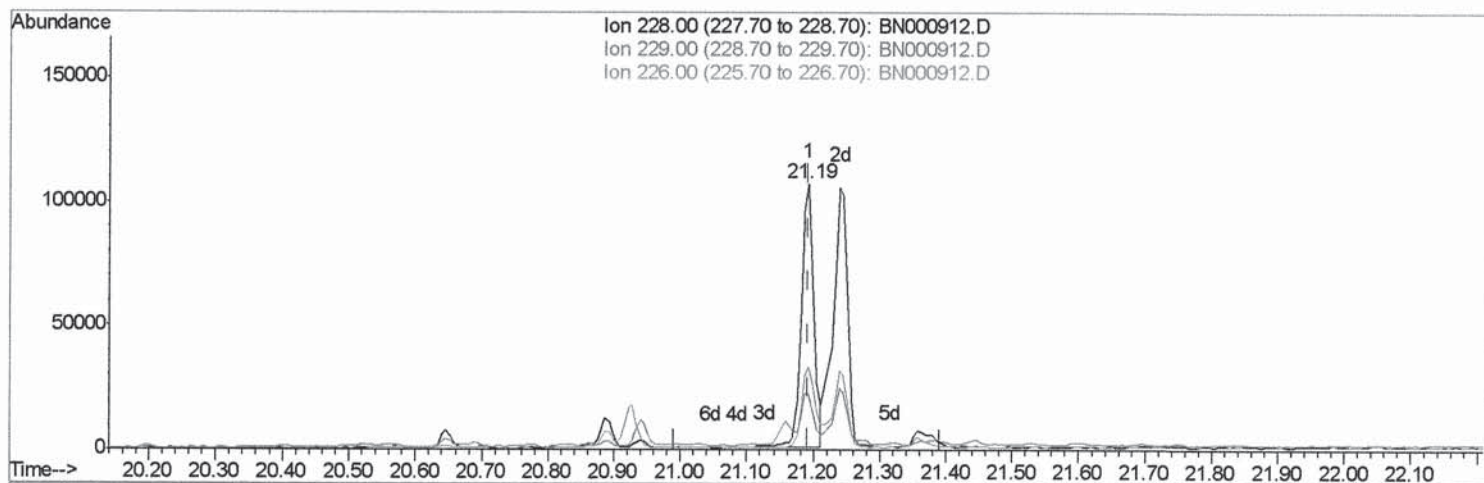
response 137342

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.10
226.00	26.40	31.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(20) Benzo(a)anthracene

21.192min (-0.000) 4.61ng/ul m

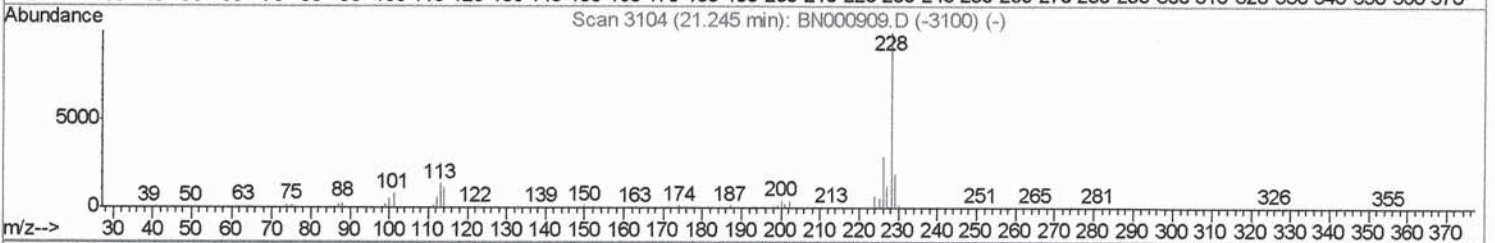
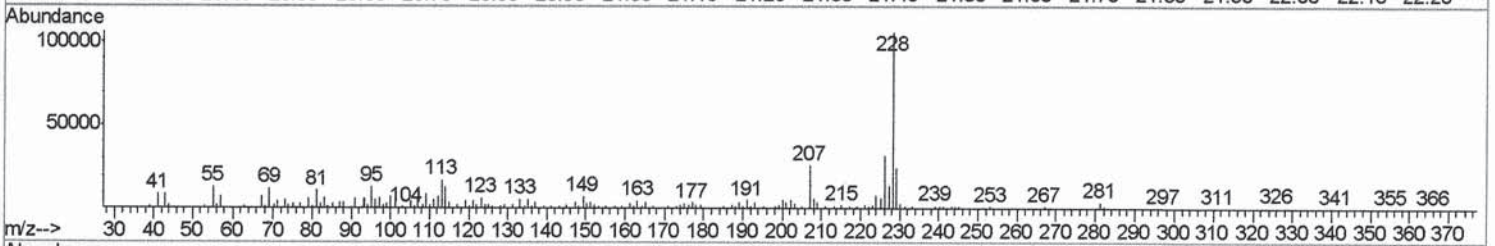
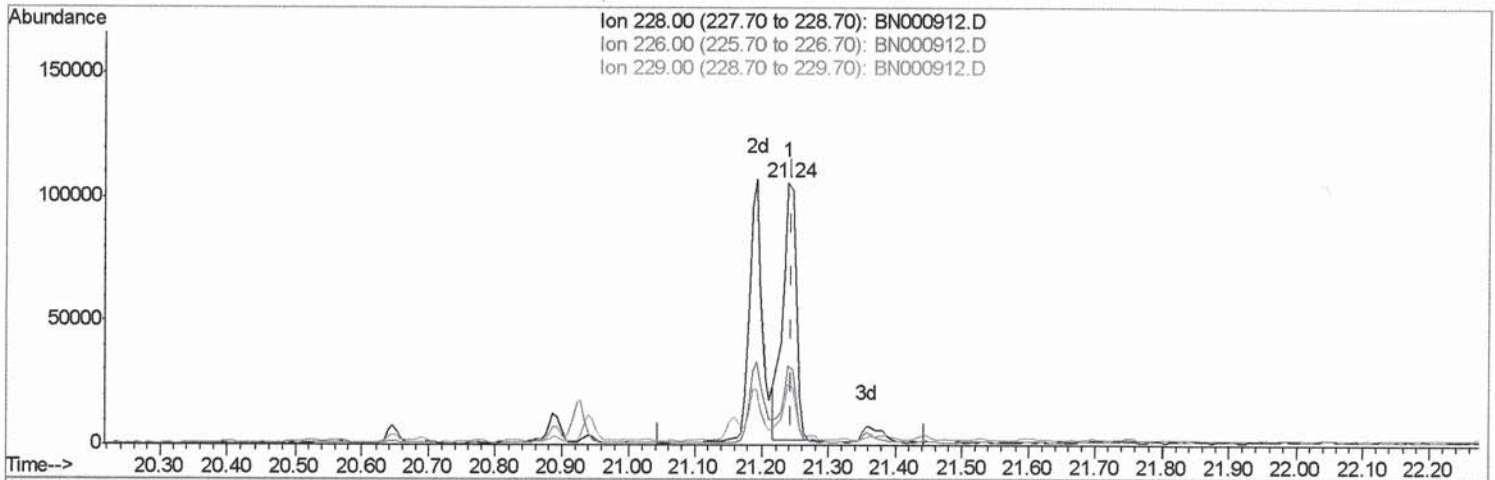
response 137163

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.10
226.00	26.40	31.55
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(21) Chrysene

21.239min (-0.006) 5.26ng/ul

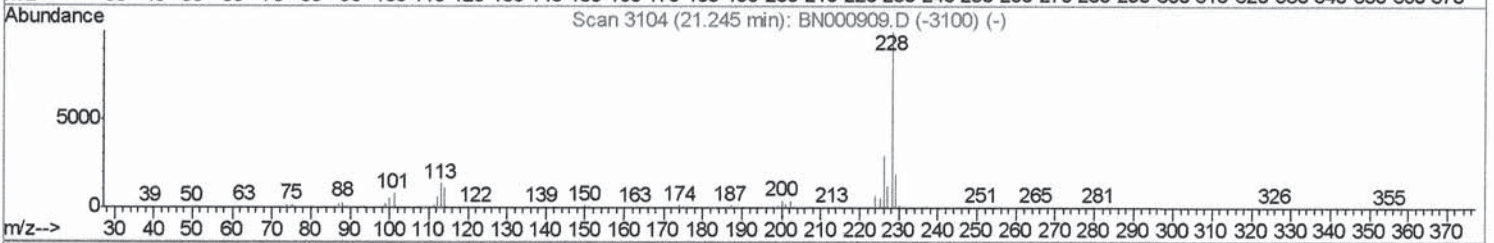
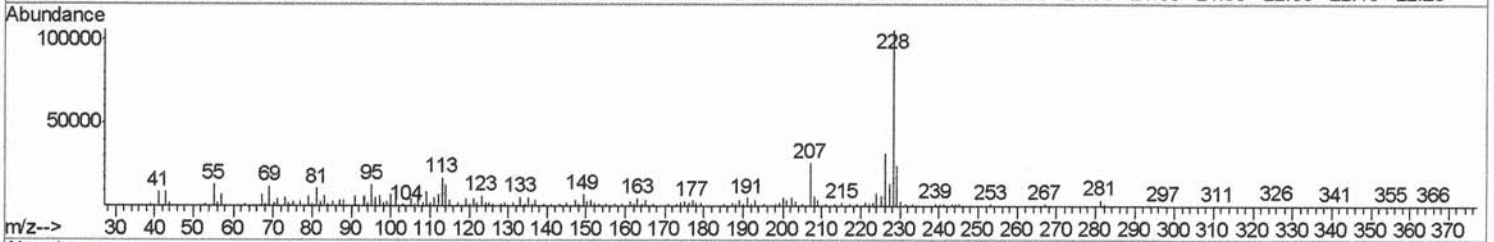
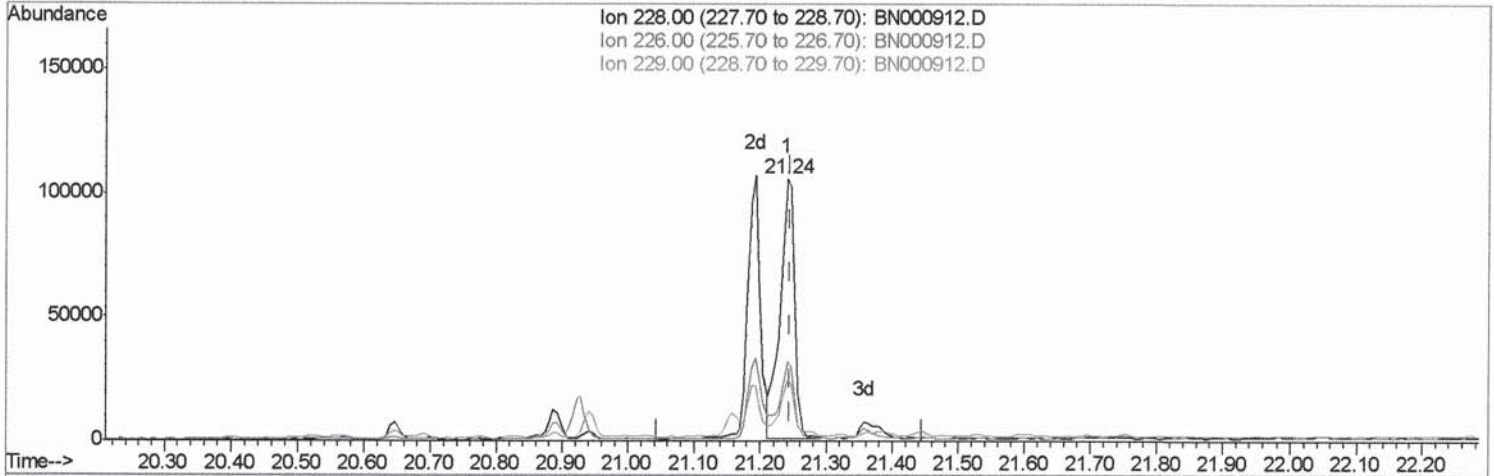
response 146993

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.24
229.00	19.80	23.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(21) Chrysene

21.239min (-0.006) 5.70ng/ul m

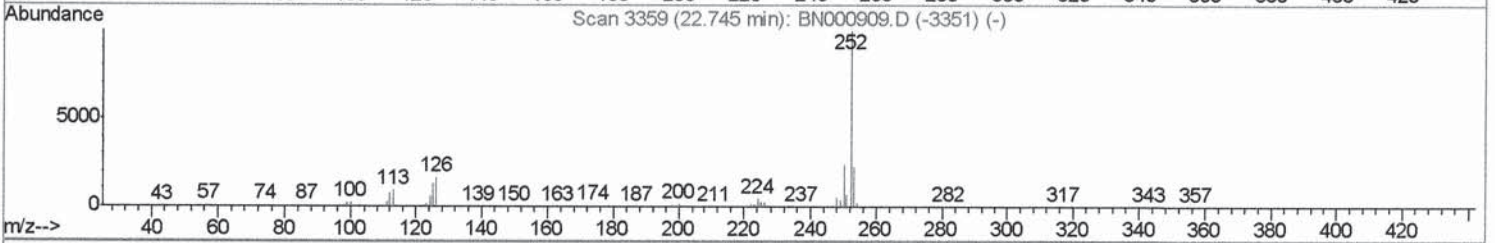
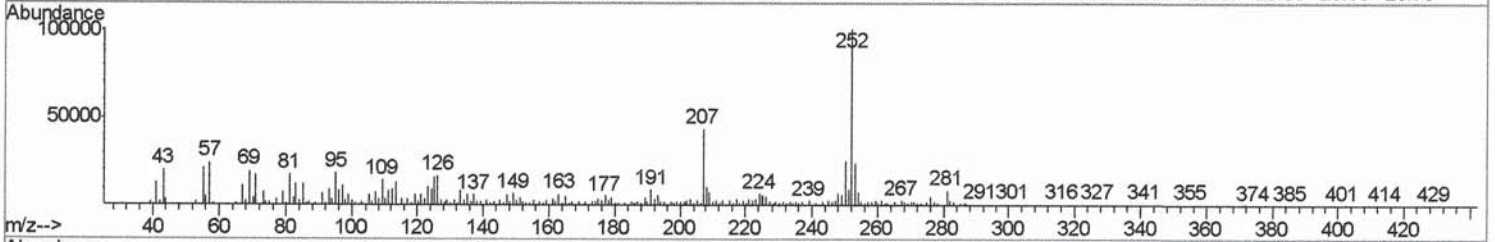
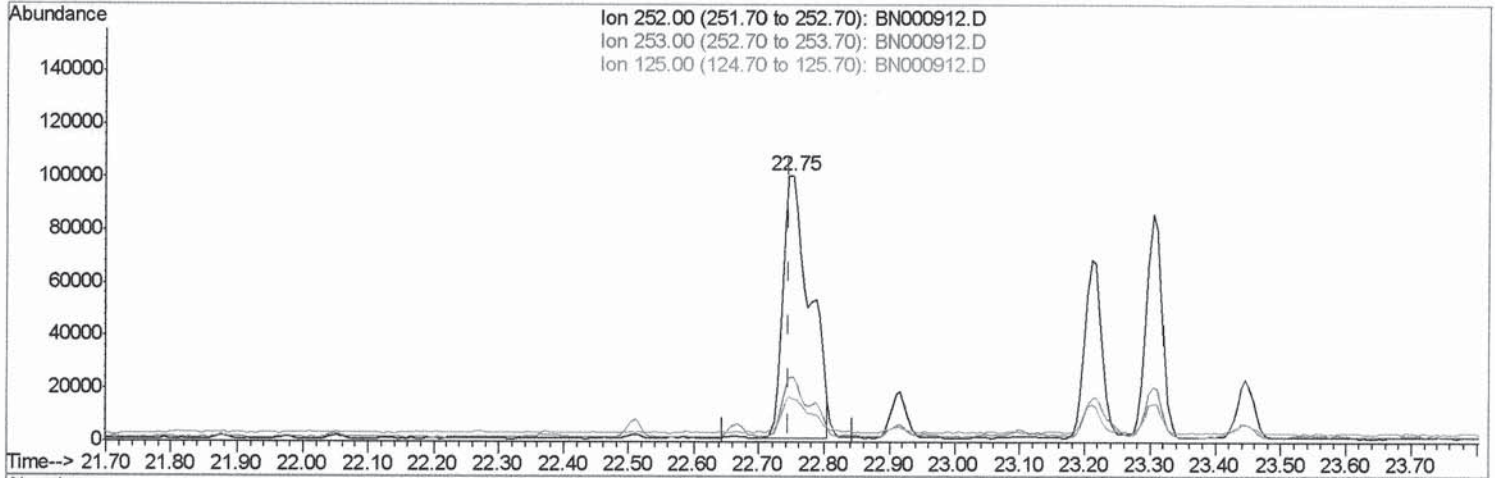
response 159204

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.24
229.00	19.80	23.46
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(23) Benzo(b)fluoranthene

22.751min (+0.006) 9.41ng/ul

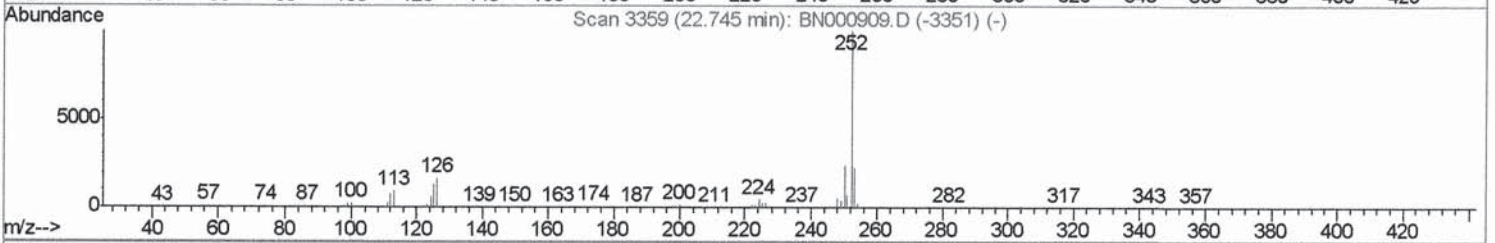
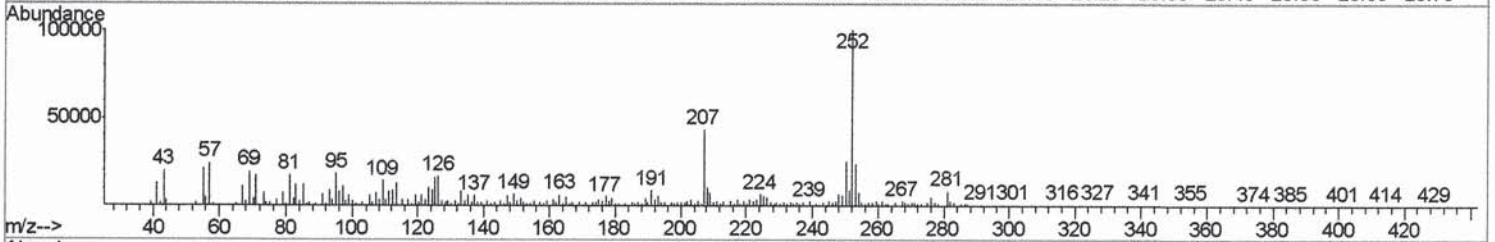
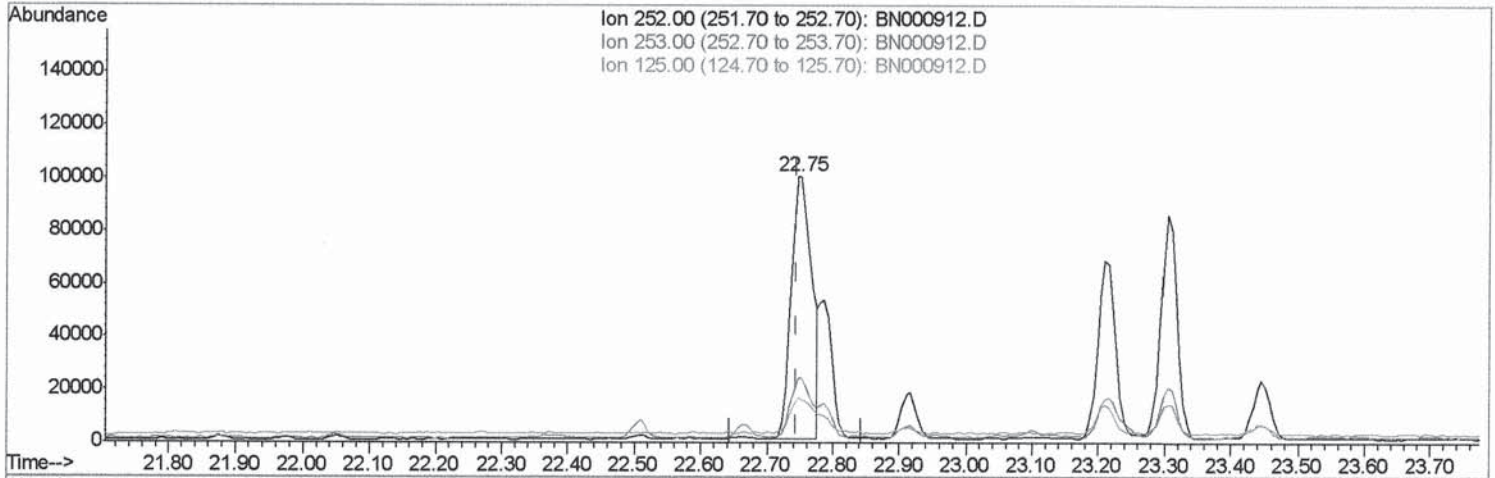
response 283007

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.54
125.00	10.00	16.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(23) Benzo(b)fluoranthene

22.751min (+0.006) 7.17ng/ul m

response 215744

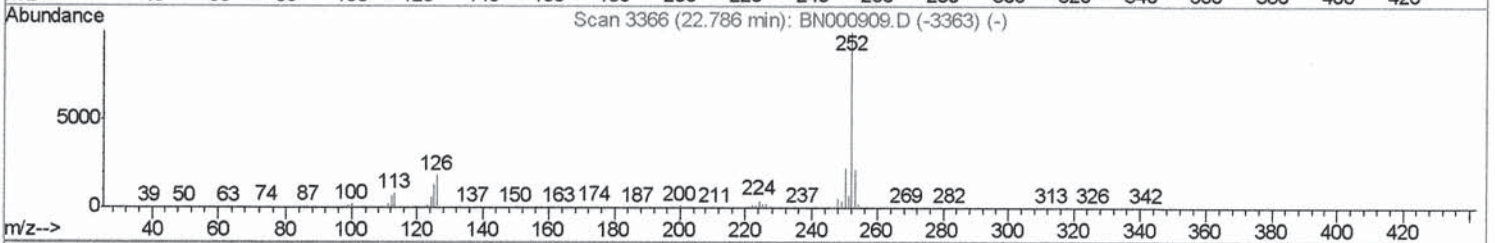
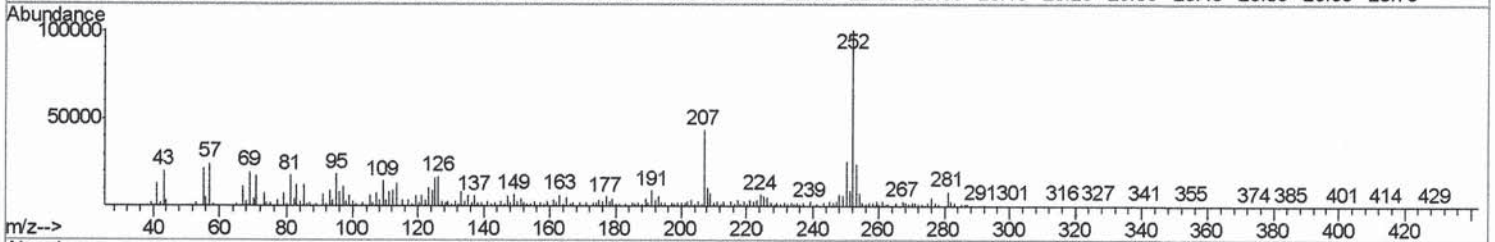
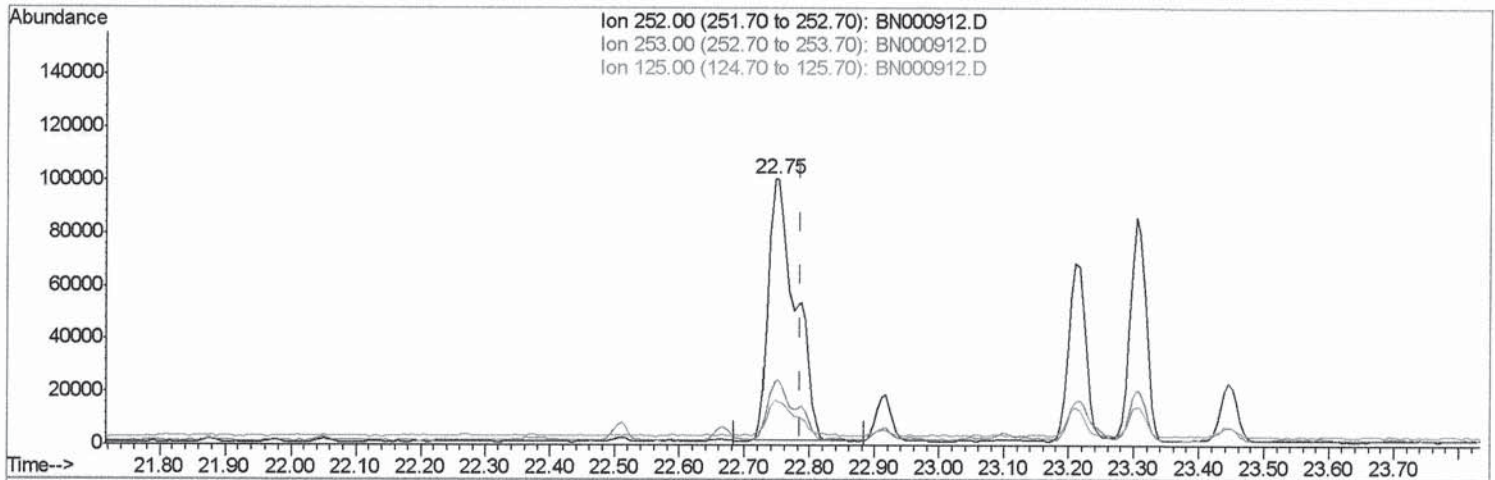
Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.54
125.00	10.00	16.27#
0.00	0.00	0.00

JU 04/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(24) Benzo(k)fluoranthene

22.751min (-0.035) 9.61ng/ul

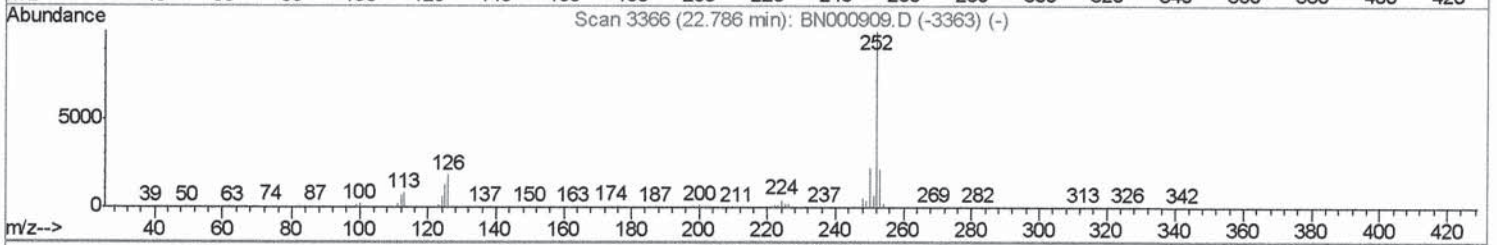
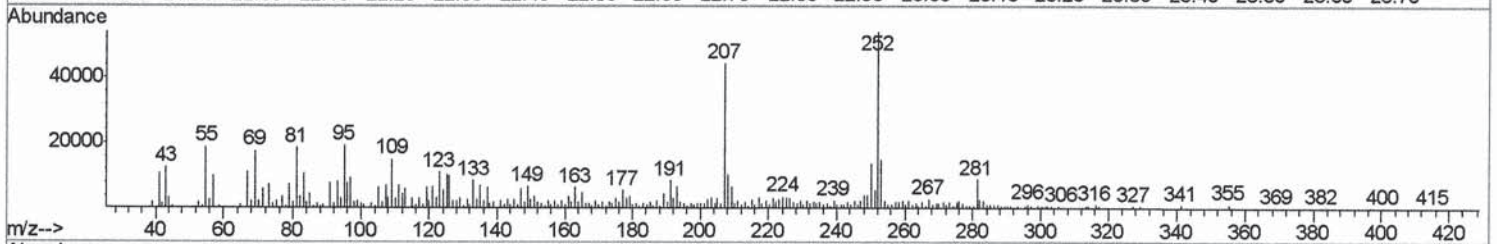
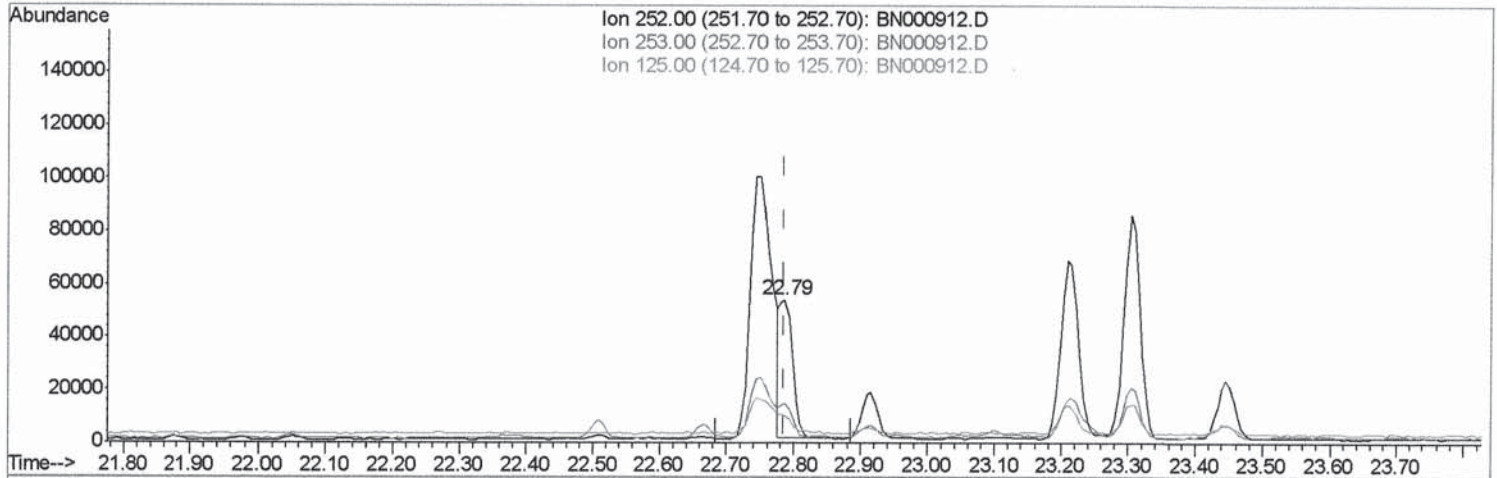
response 282852

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.54
125.00	10.10	16.27#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:37:27 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000912.D

(24) Benzo(k)fluoranthene

22.786min (-0.000) 2.41ng/ul m

response 71079

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.78#
125.00	10.10	19.59#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000912.D
 Acq On : 26 Apr 2018 03:21
 Operator : JU/SJ
 Sample : J2444-02
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 26 08:45:48 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	132264	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	567604	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	282401	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	547718	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	497320	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	529448	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	13.94	160	642944	23.71	ng/ul	0.00
10) Fluorene-d10	15.25	176	442650	24.45	ng/ul	0.00
14) Anthracene-d10	17.10	188	632391	25.25	ng/ul	0.00
18) Pyrene-d10	19.40	212	640413	25.13	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	671698	26.86	ng/ul	0.00

Target Compounds

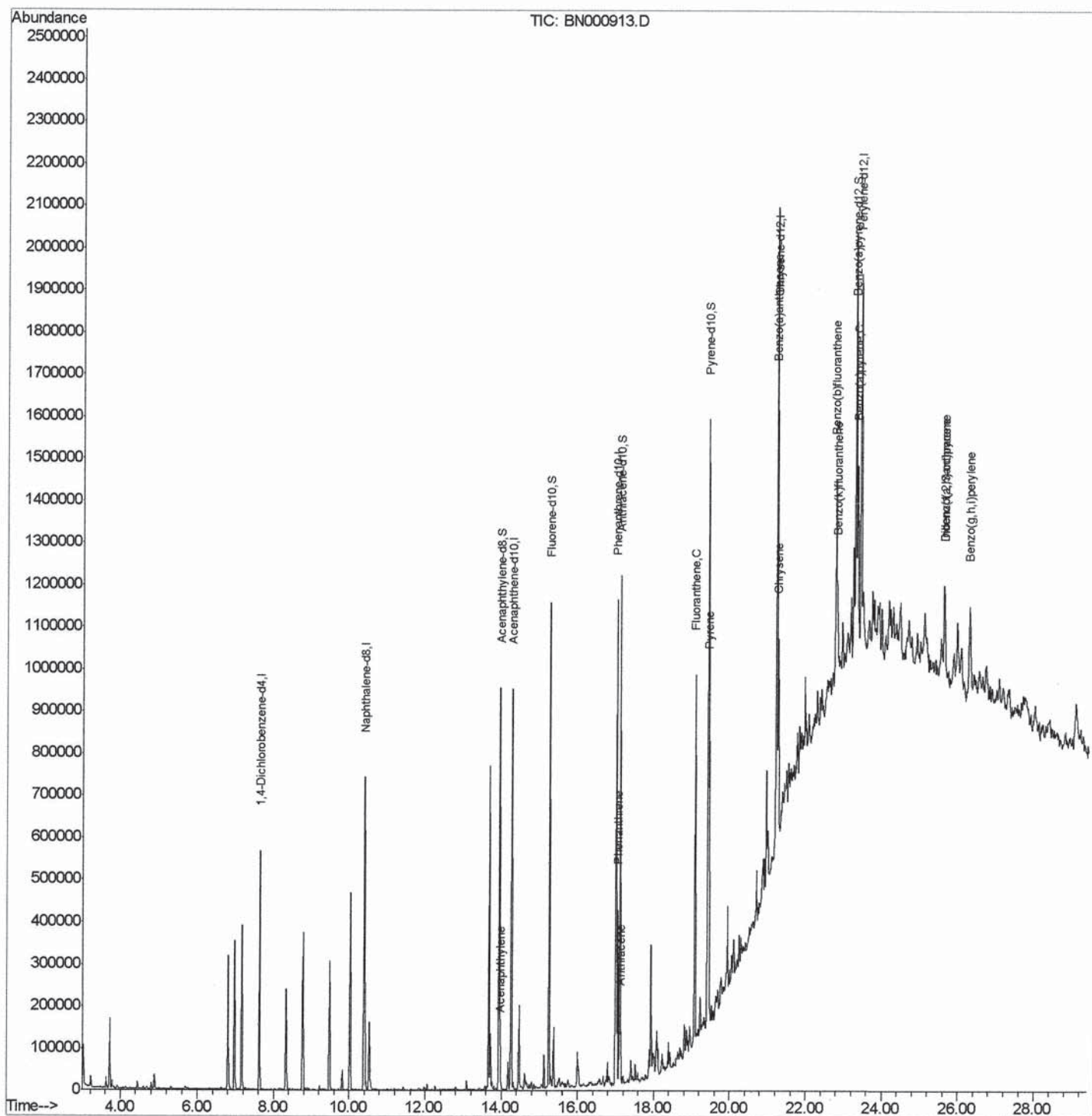
					Ovalue	
13) Phenanthrene	17.04	178	151301	5.065	ng/ul	99
16) Fluoranthene	19.06	202	316683	10.449	ng/ul#	93
19) Pyrene	19.43	202	287803	9.010	ng/ul#	92
20) Benzo(a)anthracene	21.19	228	137163m	4.614	ng/ul	
21) Chrysene	21.24	228	159204m	5.698	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	215744m	7.170	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	71079m	2.414	ng/ul	
26) Benzo(a)pyrene	23.30	252	144055	5.010	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.57	276	114809	3.306	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.59	278	30445	1.052	ng/ul#	59
29) Benzo(a,h,i)perylene	26.24	276	158911	5.471	ng/ul#	90

(#) = qualifier out of range (m) = manual integration (+) = signals summed

(QT Reviewed)

```
Data Path   : Z:\HPCHEM1\BNA N\DATA\BN042518\  
Data File  : BN000913.D  
Acq On     : 26 Apr 2018   03:55  
Operator   : JU/SJ  
Sample     : J2444-04  
Misc       :  
ALS Vial   : 22      Sample Multiplier: 1
```

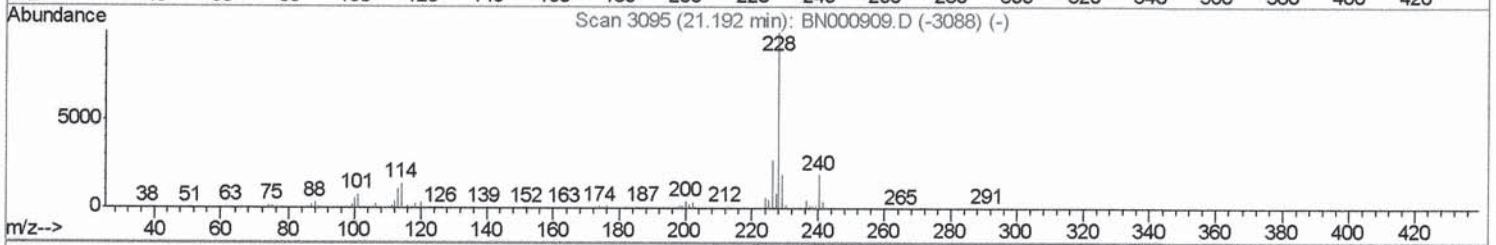
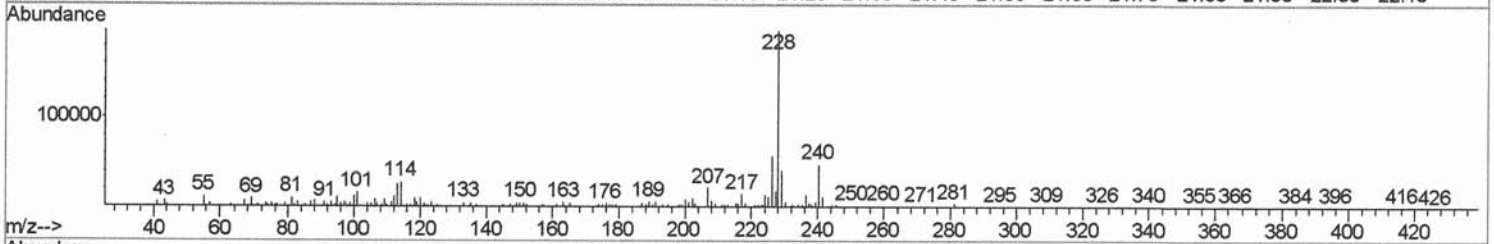
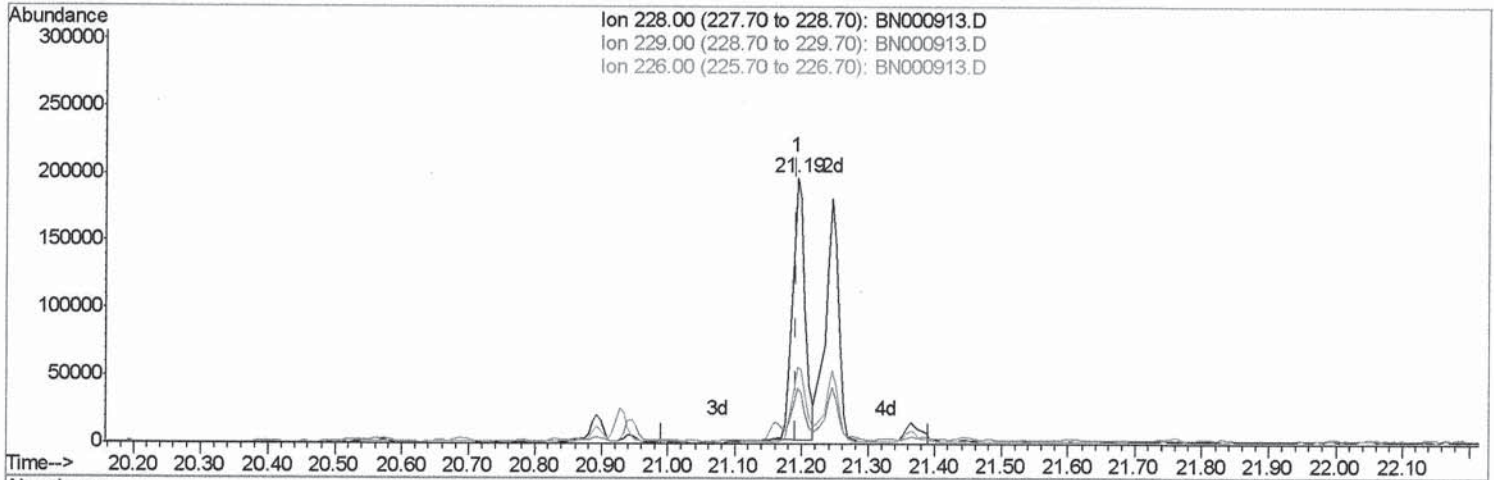
Quant Time: Apr 26 08:47:48 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(20) Benzo(a)anthracene

21.192min (-0.000) 7.62ng/ul

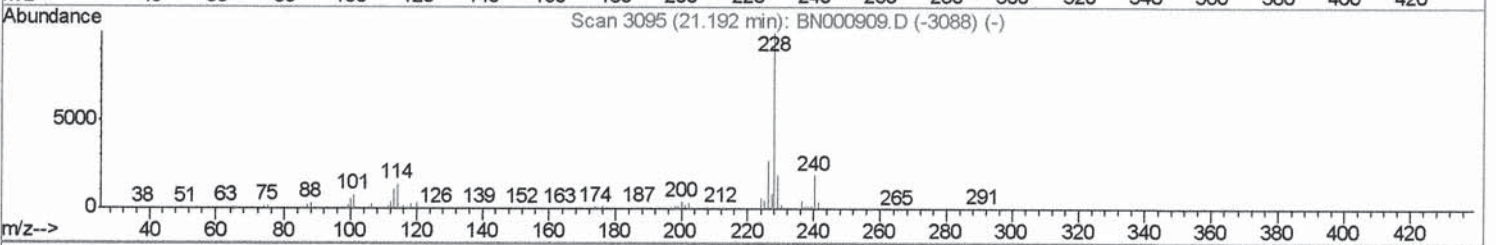
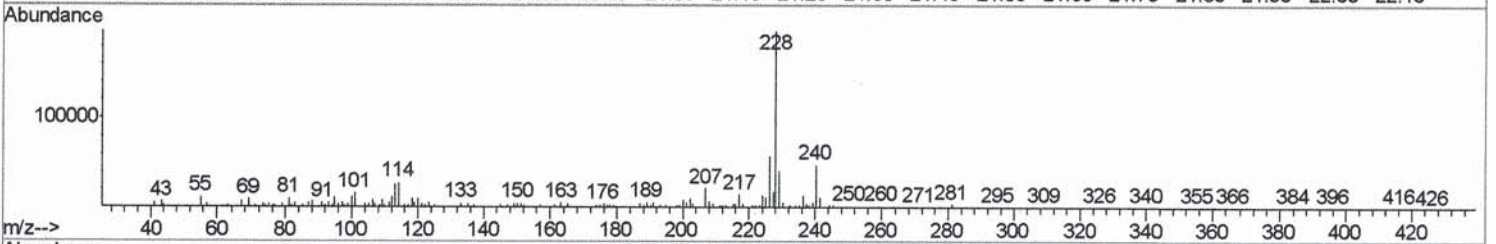
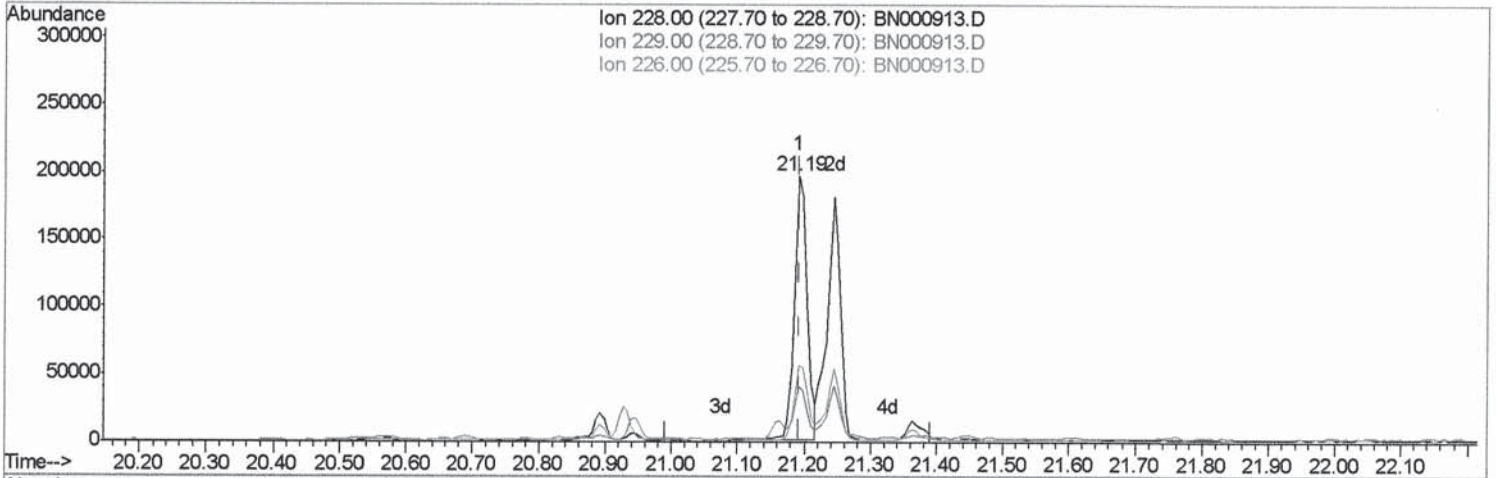
response 256639

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.75
226.00	26.40	29.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(20) Benzo(a)anthracene

21.192min (-0.000) 7.81ng/ul m

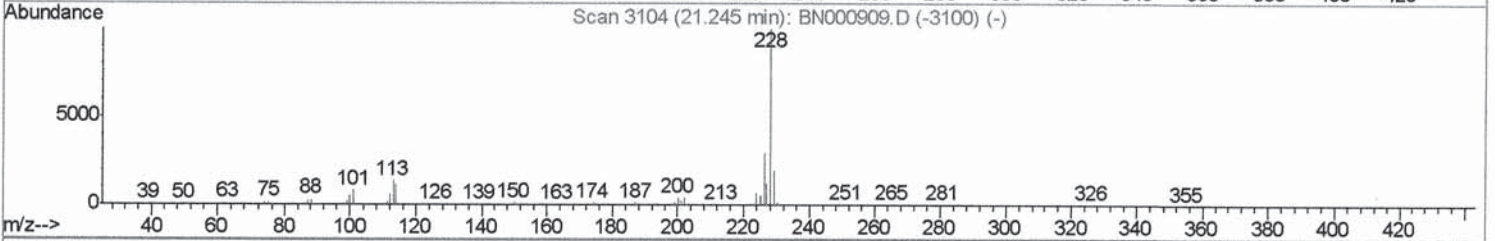
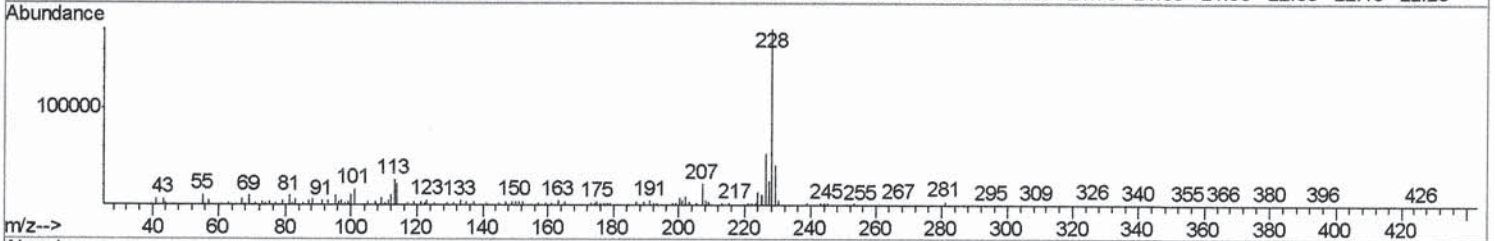
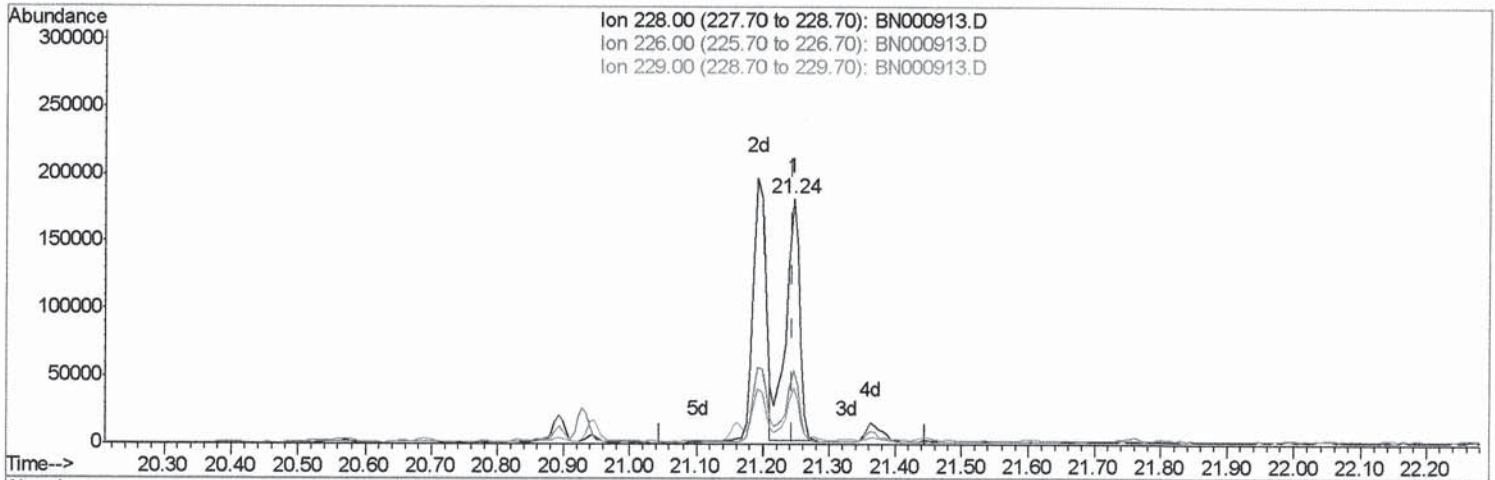
response 262919

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.75
226.00	26.40	29.11
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(21) Chrysene

21.245min (-0.000) 8.17ng/ul

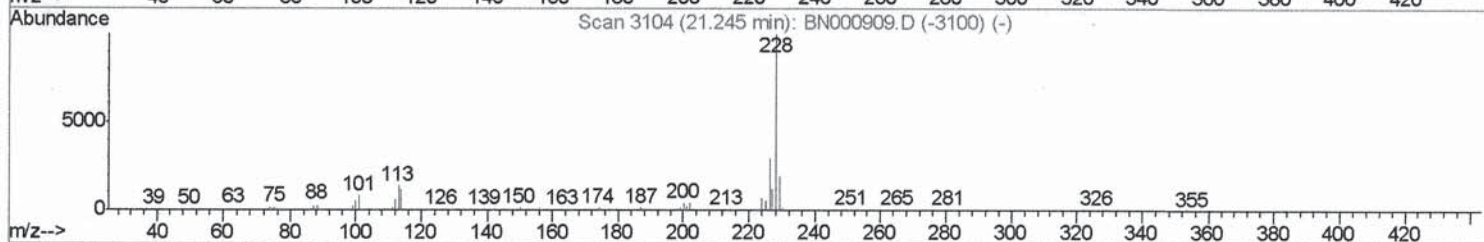
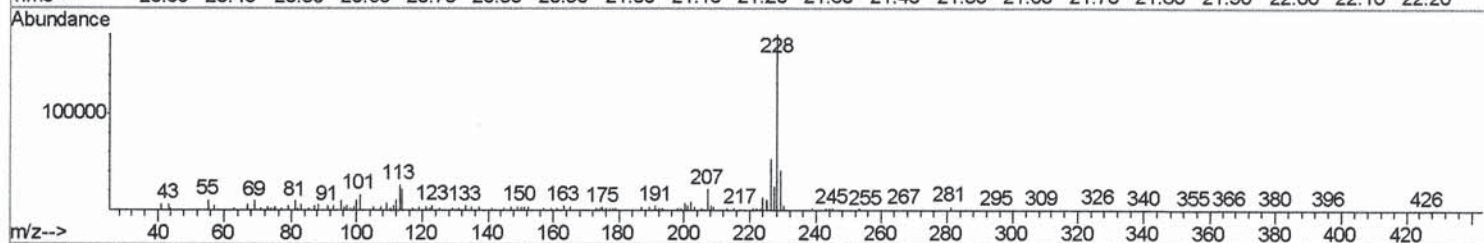
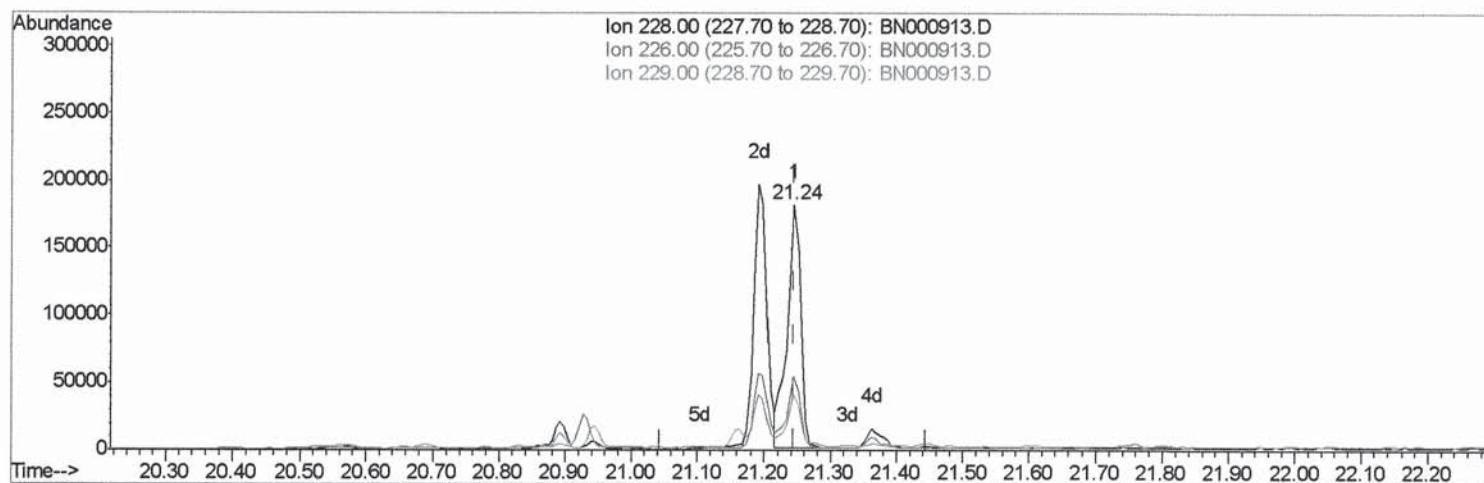
response 258621

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.93
229.00	19.80	23.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000913.D
Acq On : 26 Apr 2018 03:55
Operator : JU/SJ
Sample : J2444-04
Misc :
ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000913.D

(21) Chrysene

21.245min (-0.000) 8.04ng/ul m

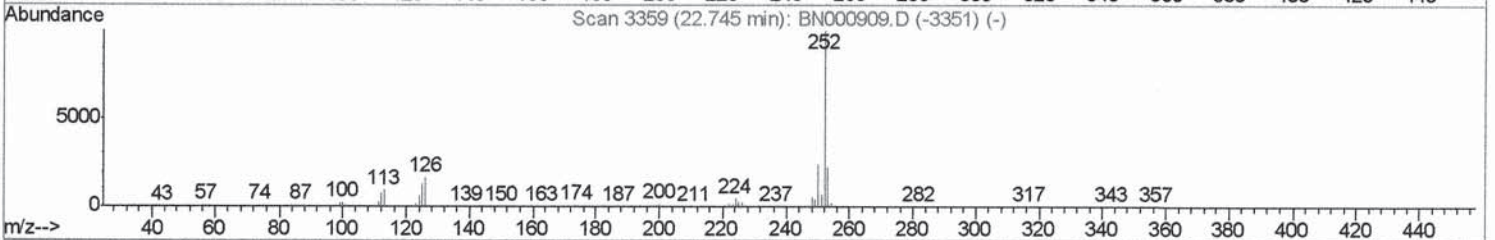
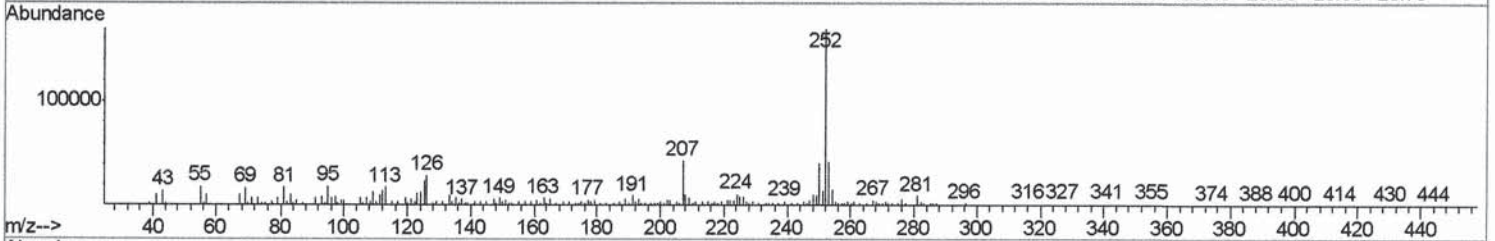
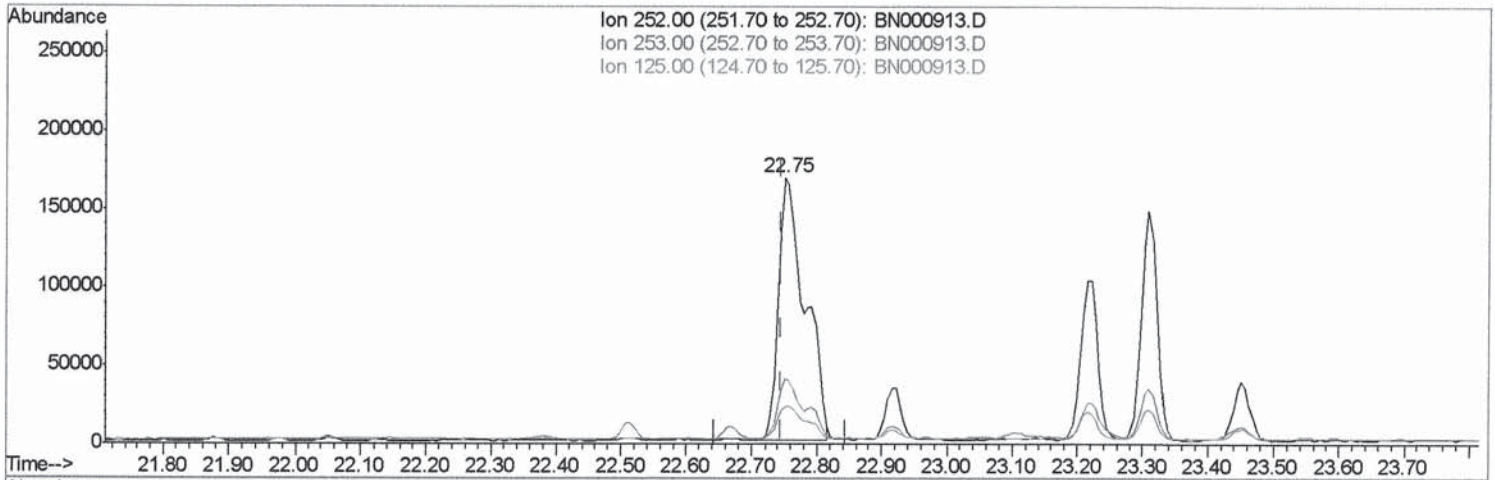
response 254394

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.93
229.00	19.80	23.07
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(23) Benzo(b)fluoranthene

22.751min (+0.006) 13.95ng/ul

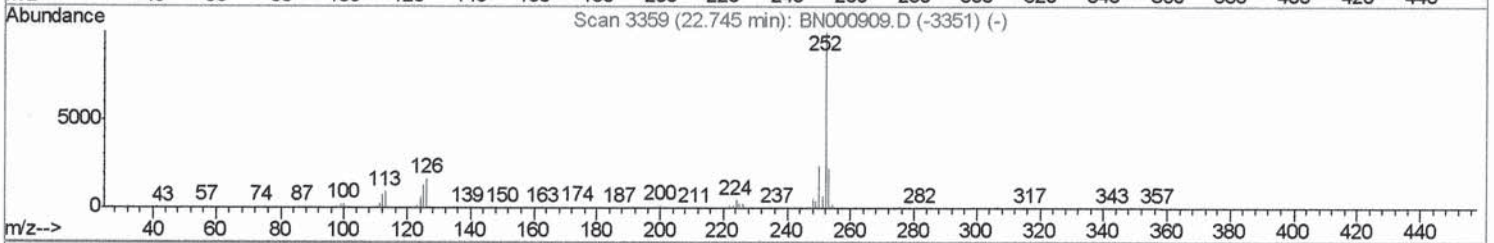
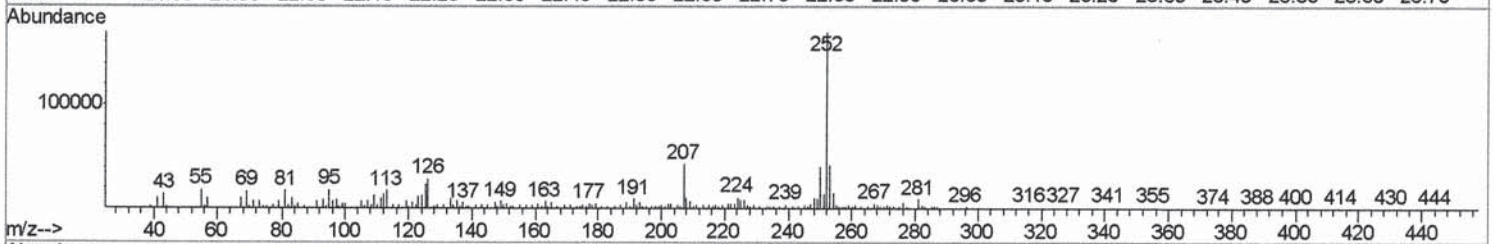
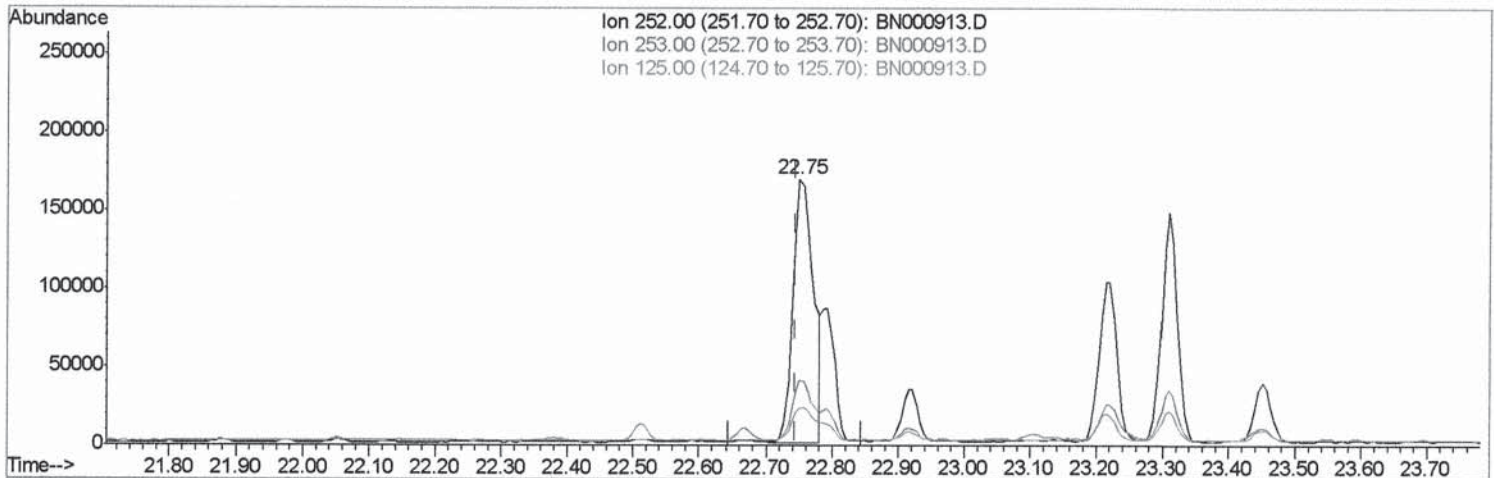
response 474878

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.52
125.00	10.00	13.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(23) Benzo(b)fluoranthene

22.751min (+0.006) 10.67ng/ul m

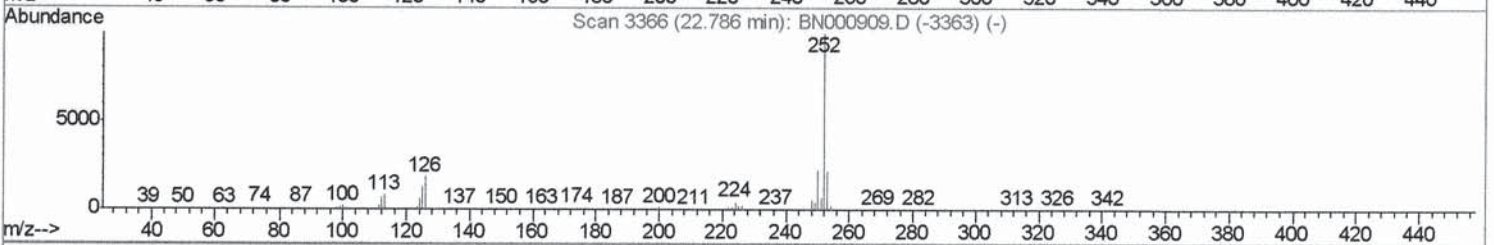
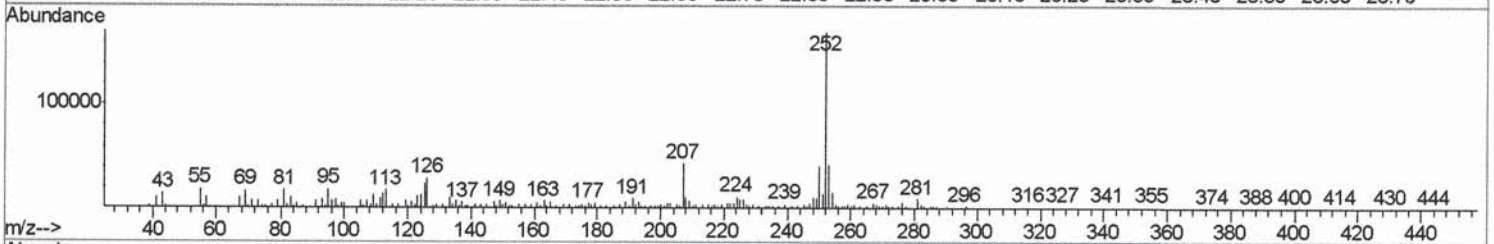
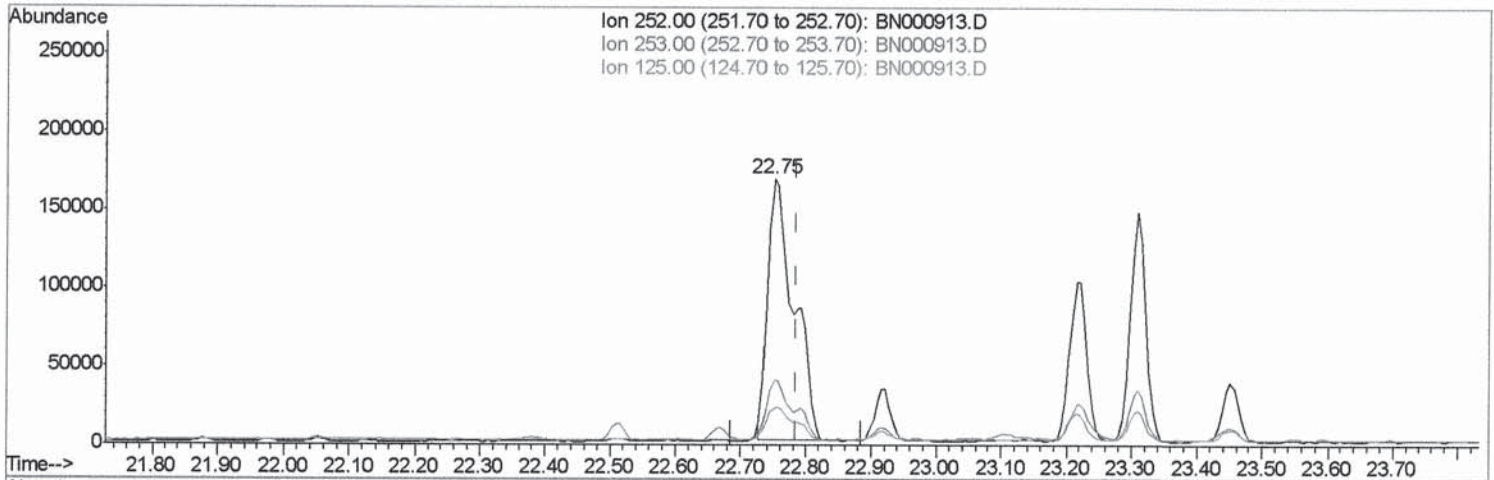
response 363160

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.52
125.00	10.00	13.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(24) Benzo(k)fluoranthene

22.751min (-0.036) 13.96ng/ul

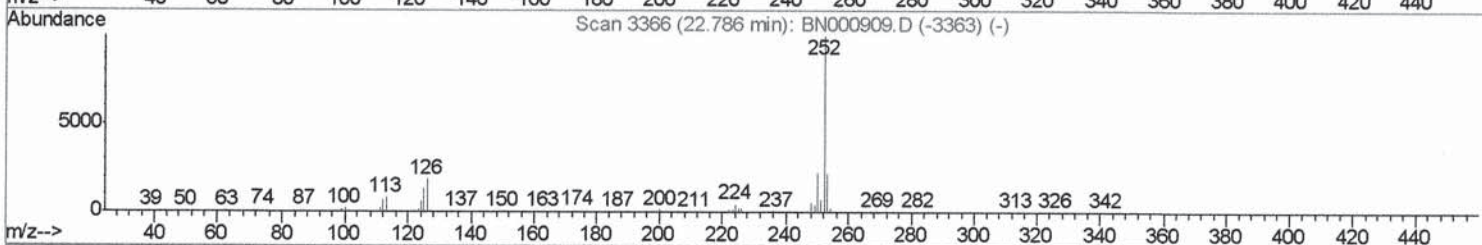
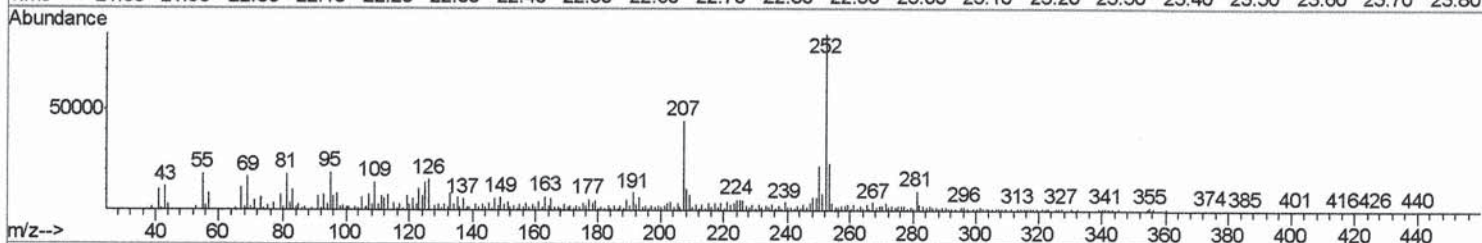
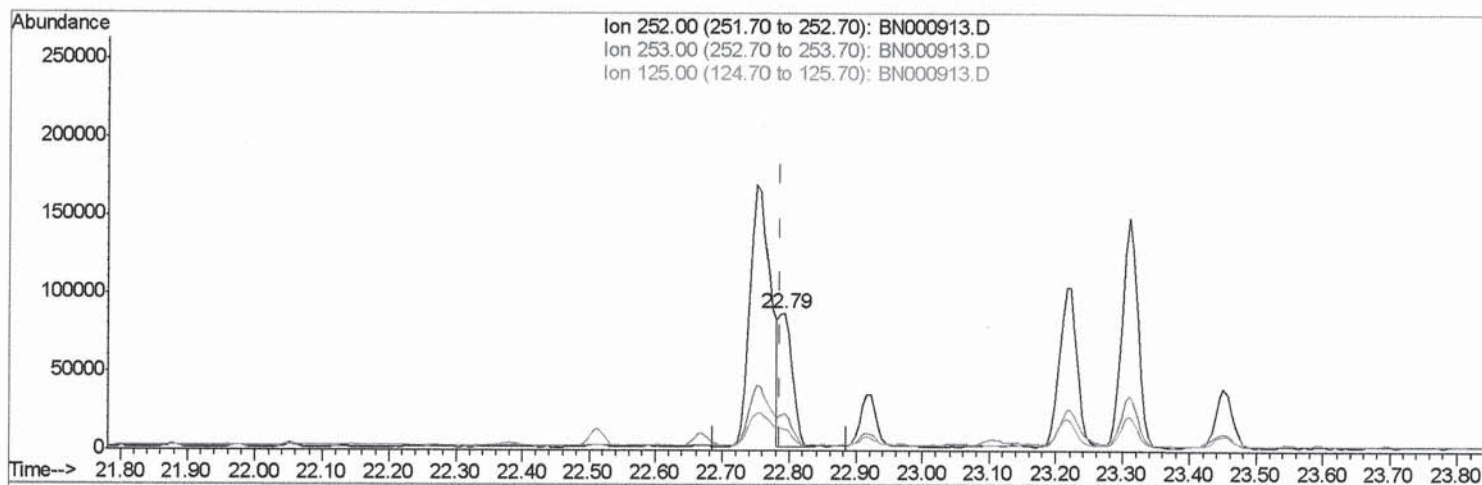
response 465197

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.52
125.00	10.10	13.94#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Quant Time: Apr 26 08:37:41 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000913.D

(24) Benzo(k)fluoranthene

22.792min (+0.006) 3.50ng/ul m

response 116586

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.81
125.00	10.10	16.09#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000913.D
 Acq On : 26 Apr 2018 03:55
 Operator : JU/SJ
 Sample : J2444-04
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

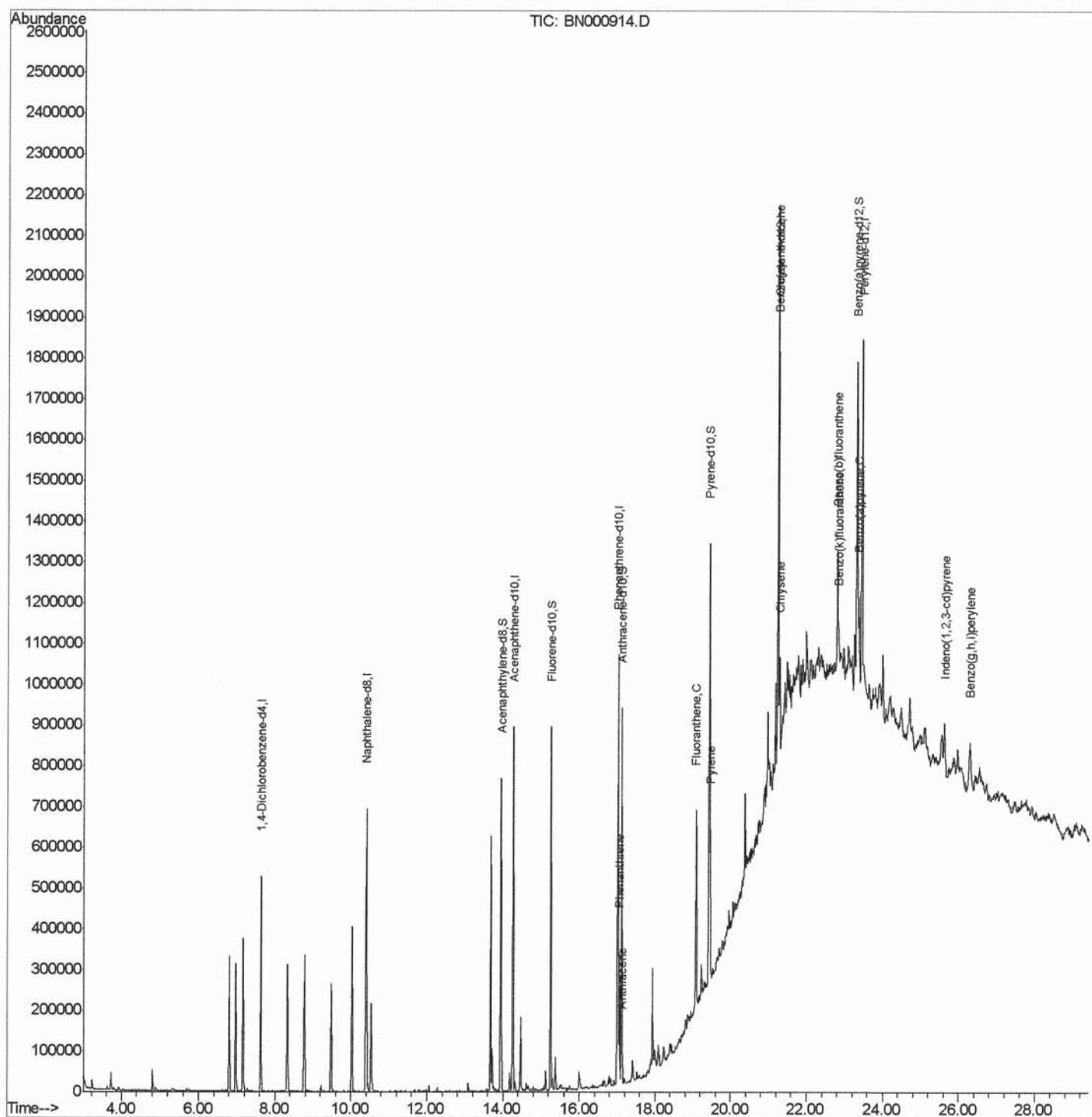
Quant Time: Apr 26 08:47:48 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	141542	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	586477	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	298879	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	605443	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	563236	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	599177	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	589969	20.55	ng/ul	0.00
10) Fluorene-d10	15.25	176	417903	21.81	ng/ul	0.00
14) Anthracene-d10	17.10	188	615633	22.24	ng/ul	0.00
18) Pylene-d10	19.40	212	642424	22.26	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	671342	23.72	ng/ul	0.01
Target Compounds				Ovalue		
8) Acenaphthylene	13.97	152	30395	1.070	ng/ul	98
13) Phenanthrene	17.05	178	226408	6.856	ng/ul	99
15) Anthracene	17.13	178	67536	2.039	ng/ul	98
16) Fluoranthene	19.07	202	459167	13.705	ng/ul#	94
19) Pyrene	19.43	202	420042	11.611	ng/ul#	91
20) Benzo(a)anthracene	21.19	228	262919m	7.809	ng/ul	} 204/27/15
21) Chrysene	21.24	228	254394m	8.039	ng/ul	
23) Benzo(b)fluoranthene	22.75	252	363160m	10.665	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	116586m	3.499	ng/ul	
26) Benzo(a)pyrene	23.31	252	241387	7.418	ng/ul#	
27) Indeno(1,2,3-cd)pyrene	25.59	276	168748	4.293	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.59	278	48397	1.477	ng/ul#	69
29) Benzo(a,h,i)perylene	26.26	276	181105	5.509	ng/ul#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000914.D
Acq On : 26 Apr 2018 04:30
Operator : JU/SJ
Sample : J2443-13
Misc :
ALS Vial : 23 Sample Multiplier: 1

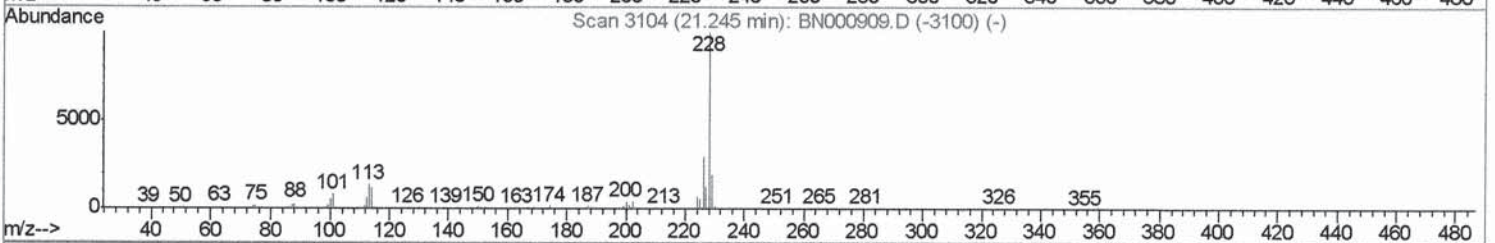
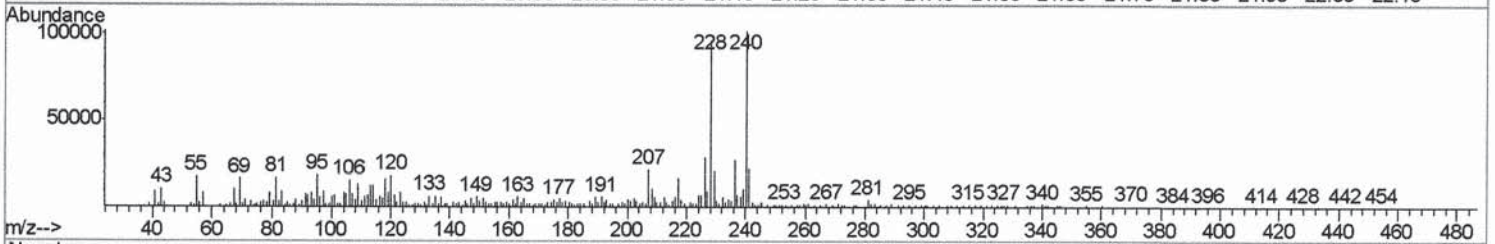
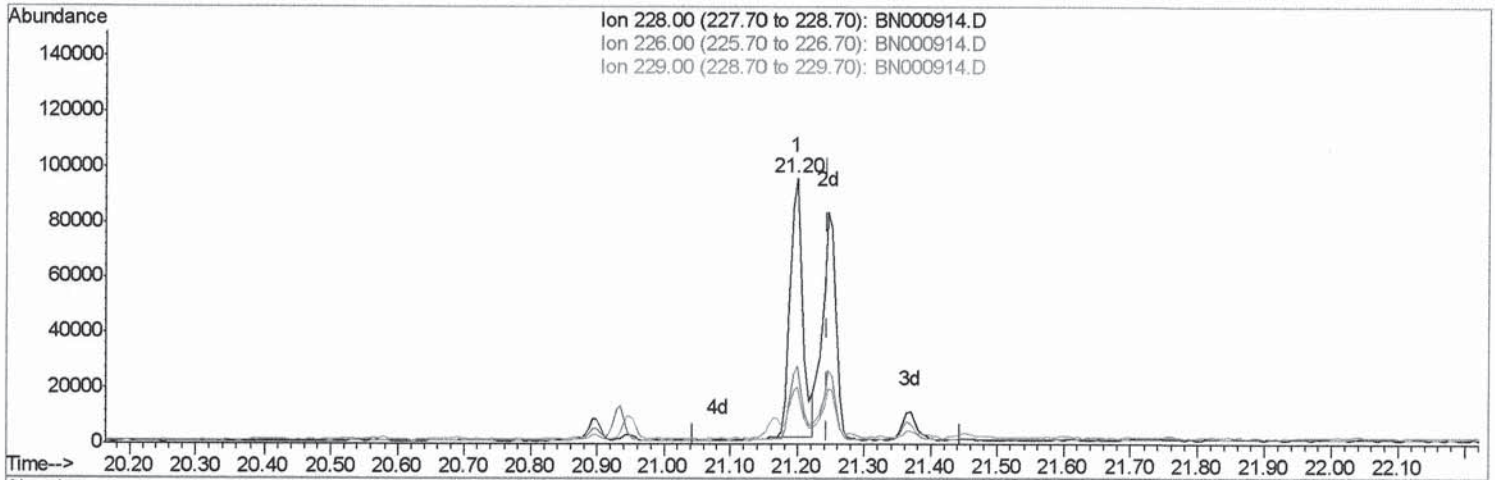
Quant Time: Apr 26 08:50:09 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000914.D
 Acq On : 26 Apr 2018 04:30
 Operator : JU/SJ
 Sample : J2443-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 26 08:37:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000914.D

(21) Chrysene

21.198min (-0.047) 4.36ng/ul

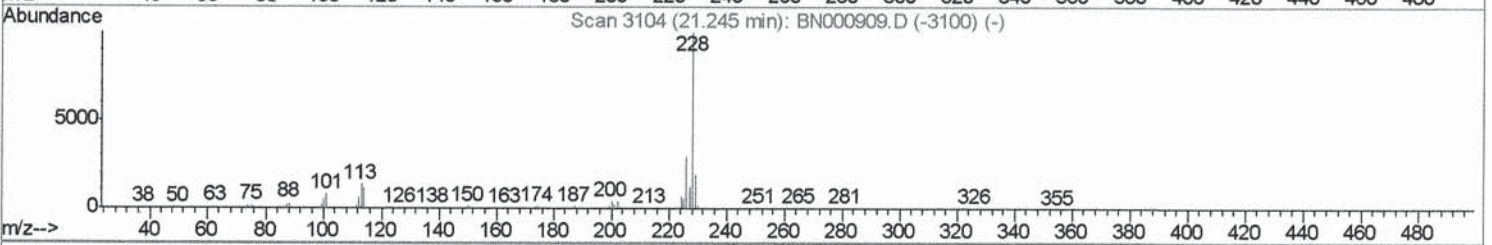
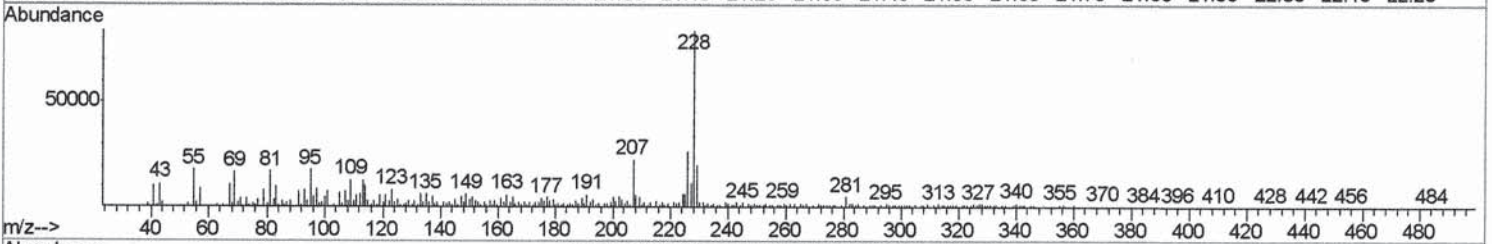
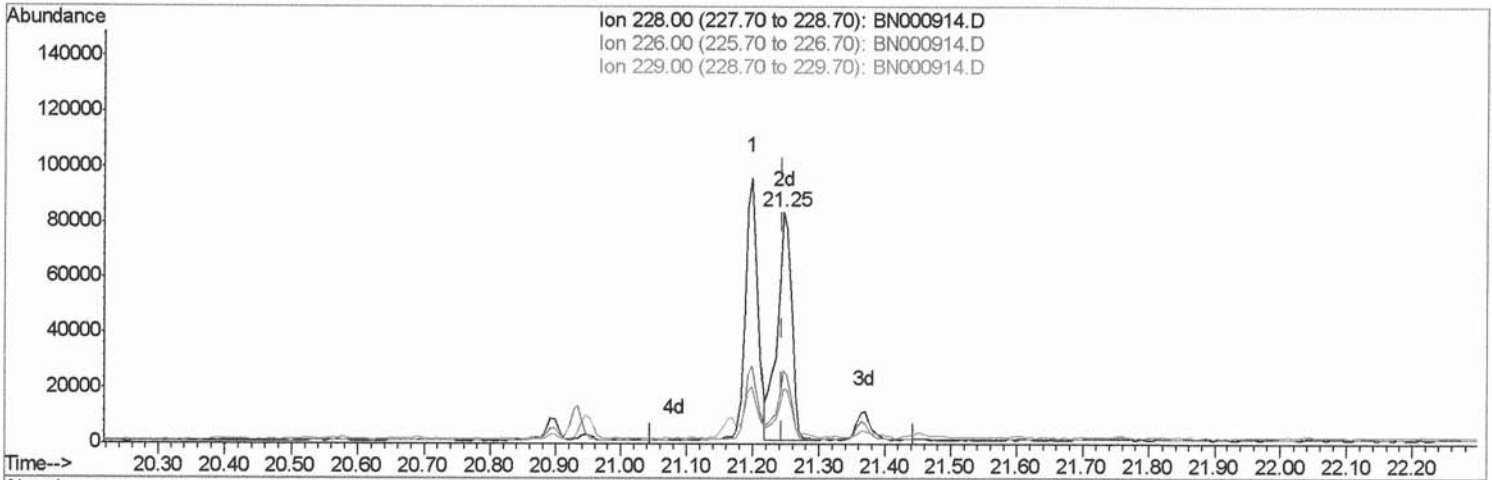
response 125210

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.76
229.00	19.80	21.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000914.D
 Acq On : 26 Apr 2018 04:30
 Operator : JU/SJ
 Sample : J2443-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 26 08:37:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000914.D

(21) Chrysene

21.245min (+0.000) 4.35ng/ul m

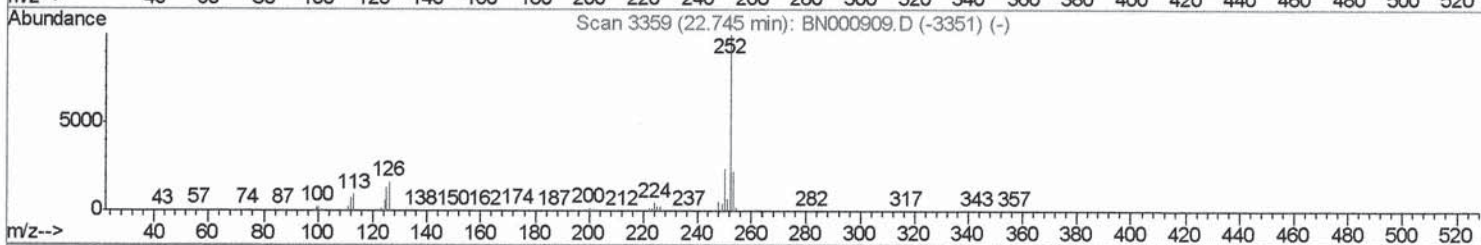
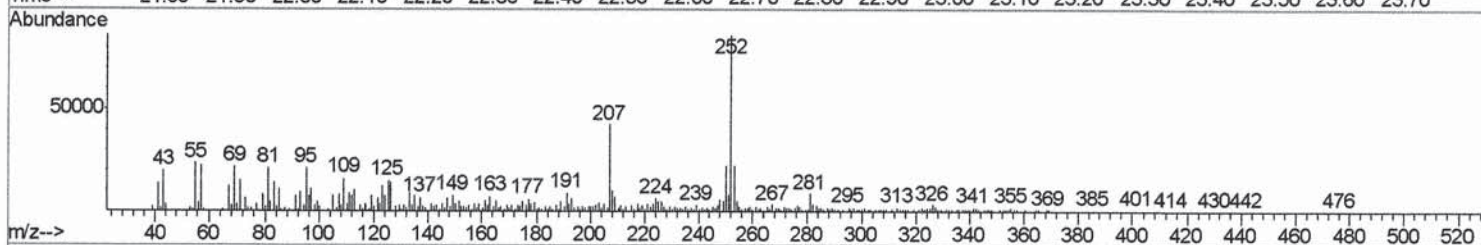
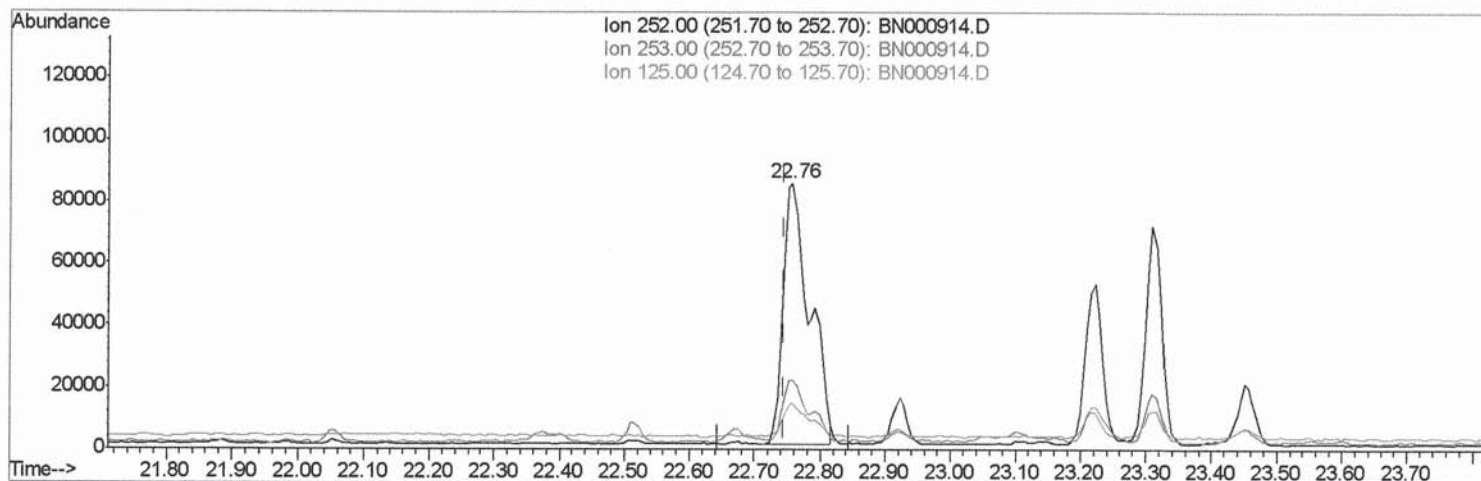
response 124922

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.83
229.00	19.80	24.18#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000914.D
 Acq On : 26 Apr 2018 04:30
 Operator : JU/SJ
 Sample : J2443-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 26 08:37:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



(23) Benzo(b)fluoranthene

22.757min (+0.012) 7.40ng/ul

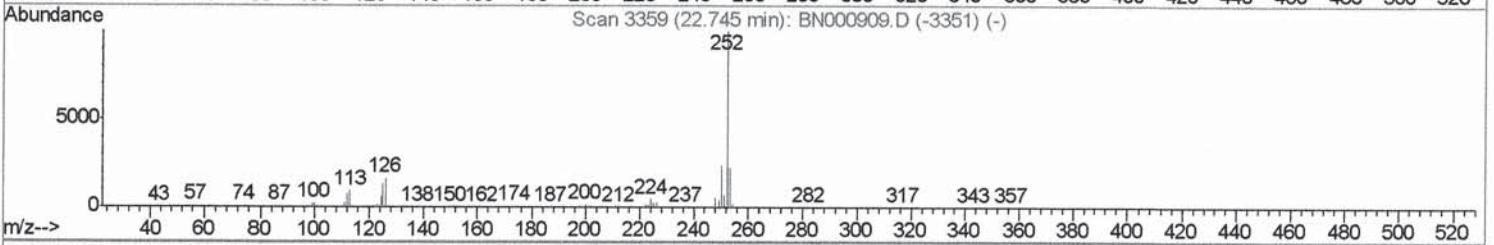
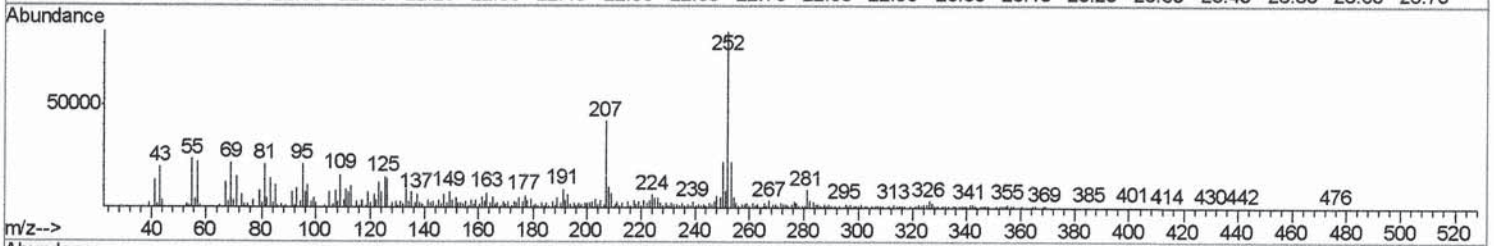
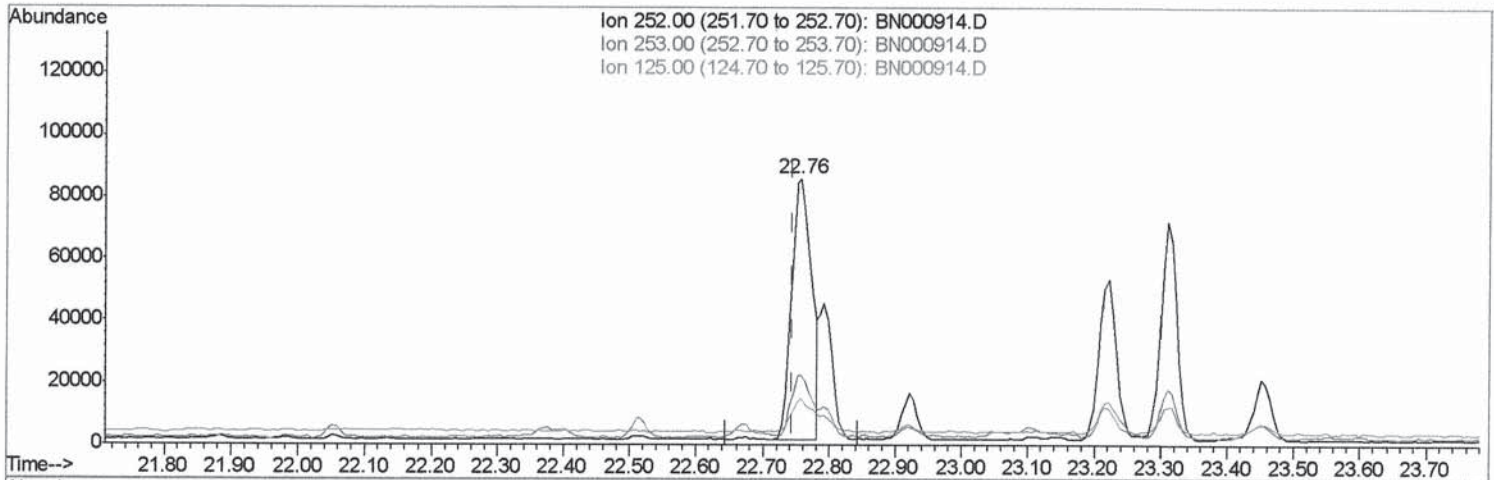
response 237082

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.38
125.00	10.00	17.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000914.D
 Acq On : 26 Apr 2018 04:30
 Operator : JU/SJ
 Sample : J2443-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 26 08:37:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000914.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 5.55ng/ul m

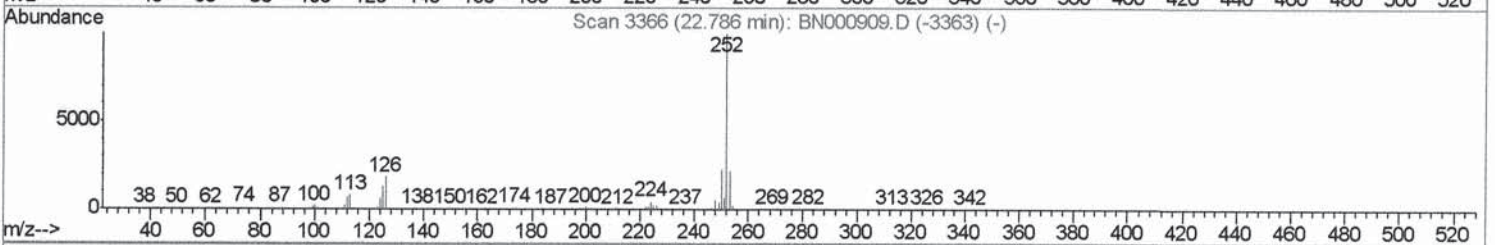
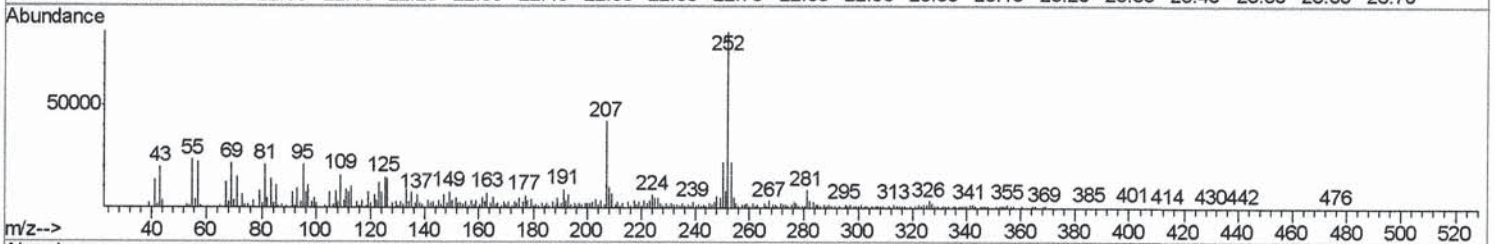
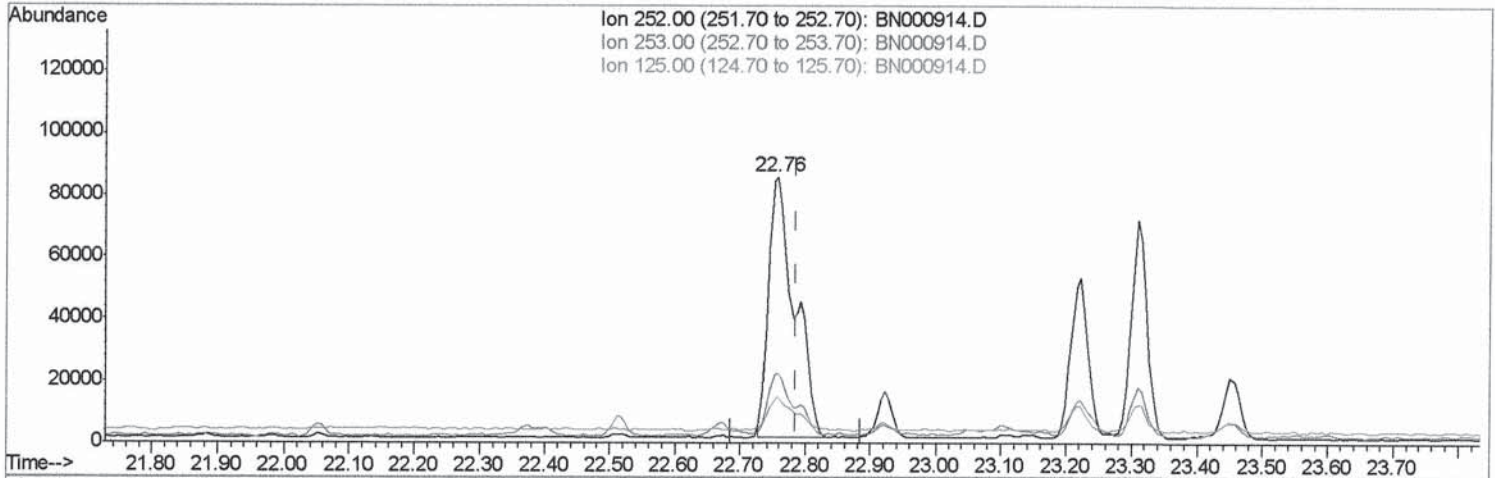
response 177943

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.38
125.00	10.00	17.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000914.D
 Acq On : 26 Apr 2018 04:30
 Operator : JU/SJ
 Sample : J2443-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 26 08:37:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000914.D

(24) Benzo(k)fluoranthene

22.757min (-0.029) 7.50ng/ui

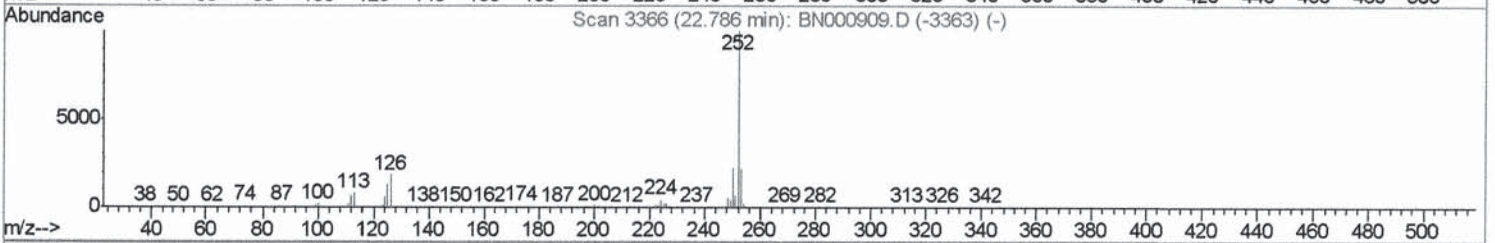
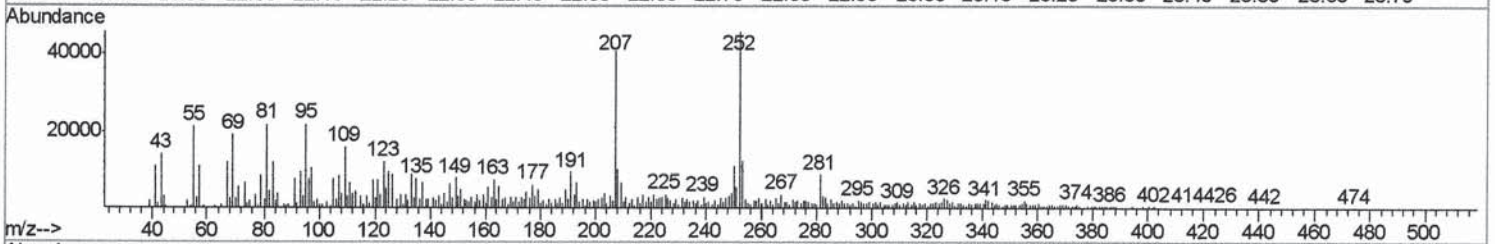
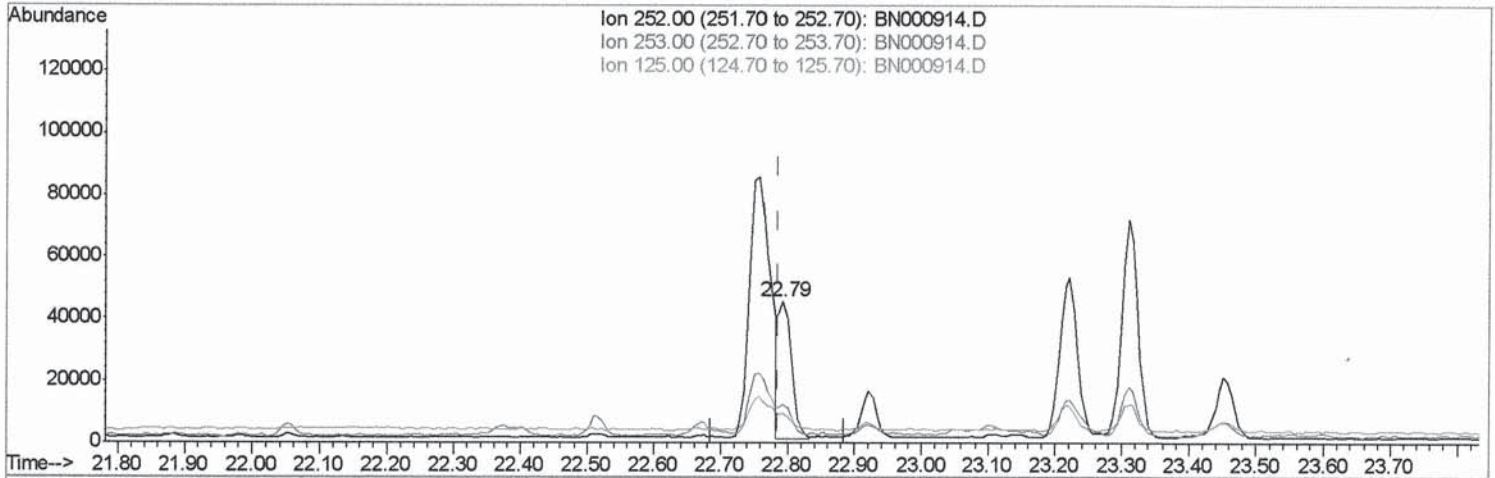
response 235084

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.38
125.00	10.10	17.57#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000914.D
 Acq On : 26 Apr 2018 04:30
 Operator : JU/SJ
 Sample : J2443-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 26 08:37:55 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000914.D

(24) Benzo(k)fluoranthene

22.792min (+0.006) 2.00ng/ul m

response 62757

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.39#
125.00	10.10	21.42#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000914.D
 Acq On : 26 Apr 2018 04:30
 Operator : JU/SJ
 Sample : J2443-13
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Quant Time: Apr 26 08:50:09 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	135368	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	554801	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	275282	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	554528	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	511082	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	563701	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	511049	19.33	ng/ul	0.00
10) Fluorene-d10	15.25	176	328880	18.64	ng/ul	0.00
14) Anthracene-d10	17.10	188	462535	18.24	ng/ul	0.00
18) Pyrene-d10	19.41	212	485230	18.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	466754	17.53	ng/ul	0.01

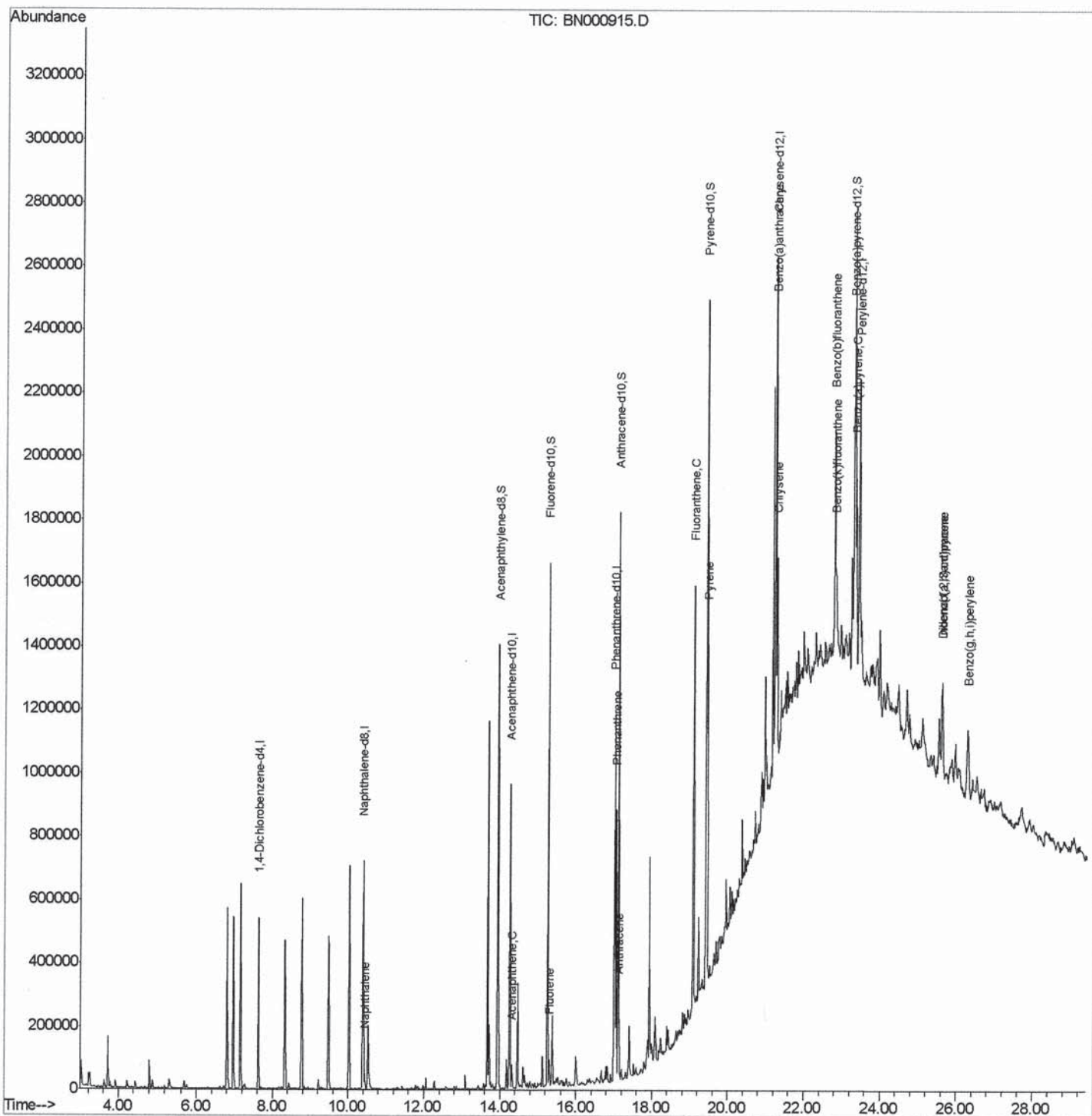
Target Compounds

					Ovalue	
13) Phenanthrene	17.05	178	170428	5.635	ng/ul	99
15) Anthracene	17.14	178	37612	1.240	ng/ul	99
16) Fluoranthene	19.07	202	264370	8.616	ng/ul#	93
19) Pyrene	19.44	202	211422	6.440	ng/ul#	94
20) Benzo(a)anthracene	21.20	228	123915	4.056	ng/ul	94
21) Chrysene	21.25	228	124922m	4.350	ng/ul	} Ju04/27/18
23) Benzo(b)fluoranthene	22.76	252	177943m	5.555	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	62757m	2.002	ng/ul	
26) Benzo(a)pyrene	23.31	252	118030	3.855	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.59	276	96178	2.601	ng/ul#	84
29) Benzo(a,h,i)perylene	26.25	276	102308	3.308	ng/ul#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000915.D
Acq On : 26 Apr 2018 05:05
Operator : JU/SJ
Sample : J2443-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

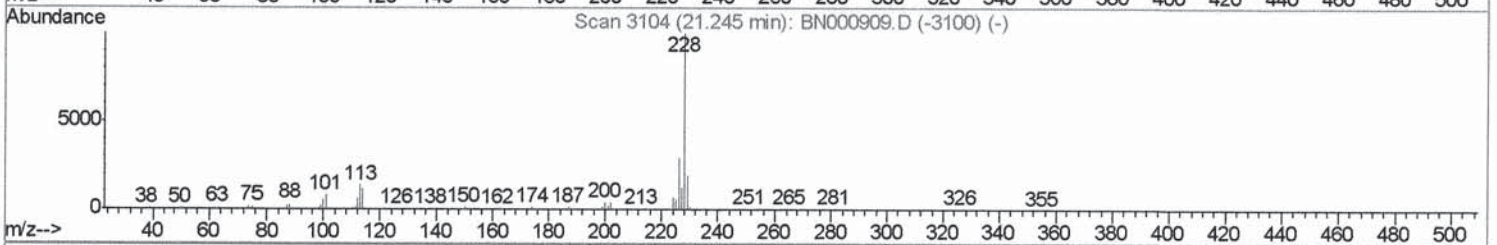
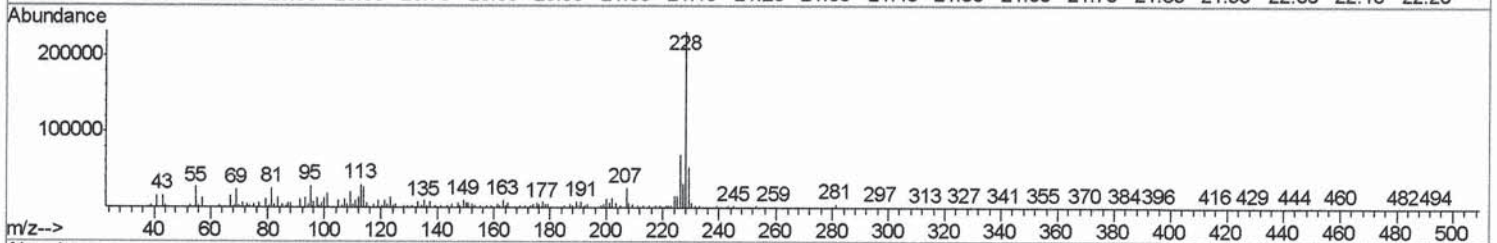
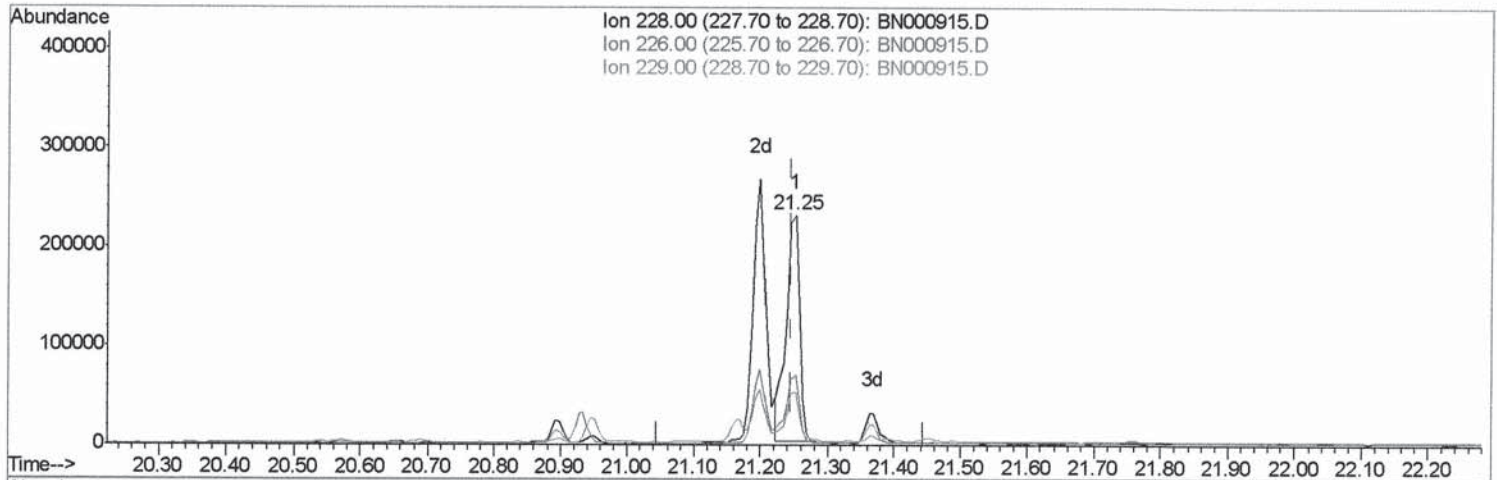
Quant Time: Apr 26 08:52:28 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000915.D
 Acq On : 26 Apr 2018 05:05
 Operator : JU/SJ
 Sample : J2443-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 08:38:14 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000915.D

(21) Chrysene

21.251min (+0.006) 10.30ng/ui

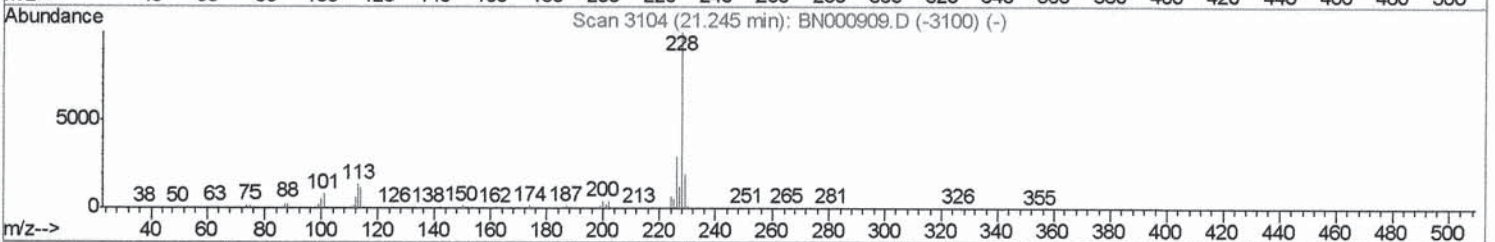
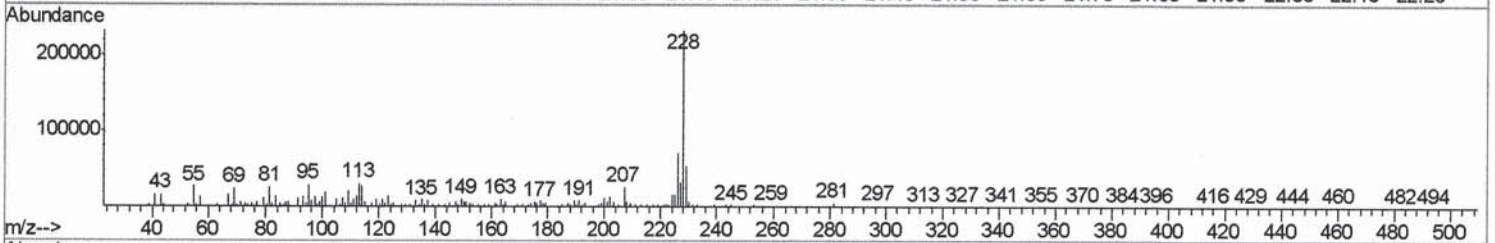
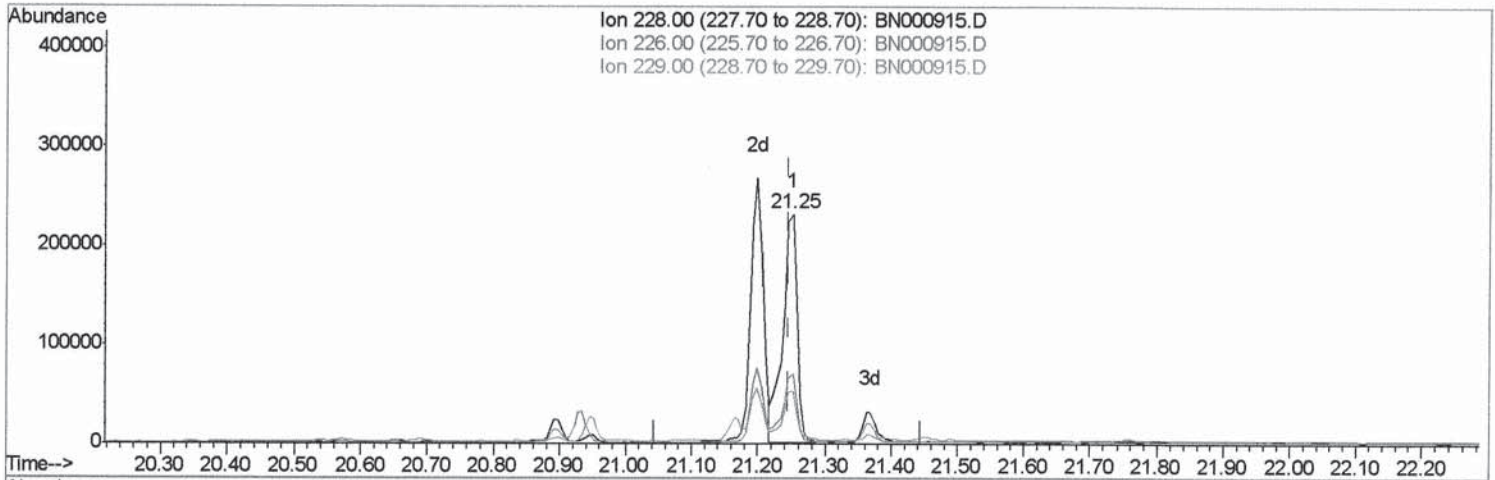
response 318805

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.43
229.00	19.80	23.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000915.D
 Acq On : 26 Apr 2018 05:05
 Operator : JU/SJ
 Sample : J2443-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 08:38:14 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000915.D

(21) Chrysene

21.251min (+0.006) 11.19ng/ul m

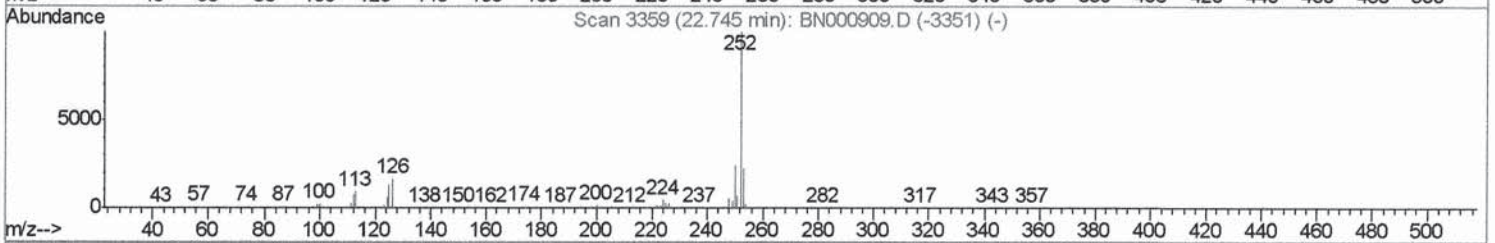
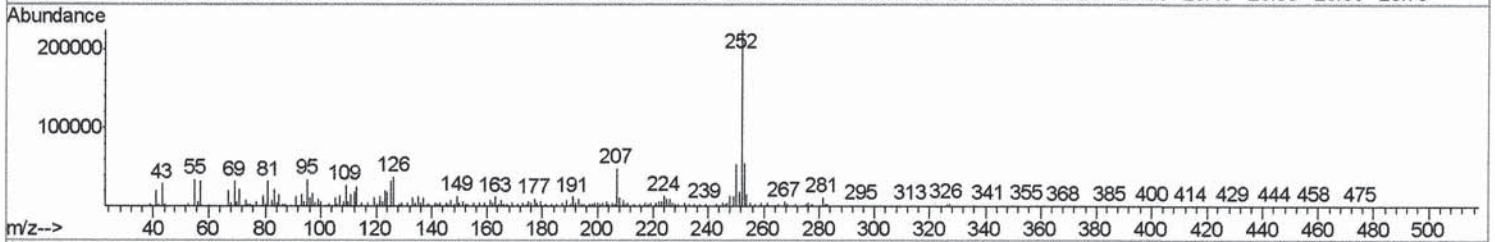
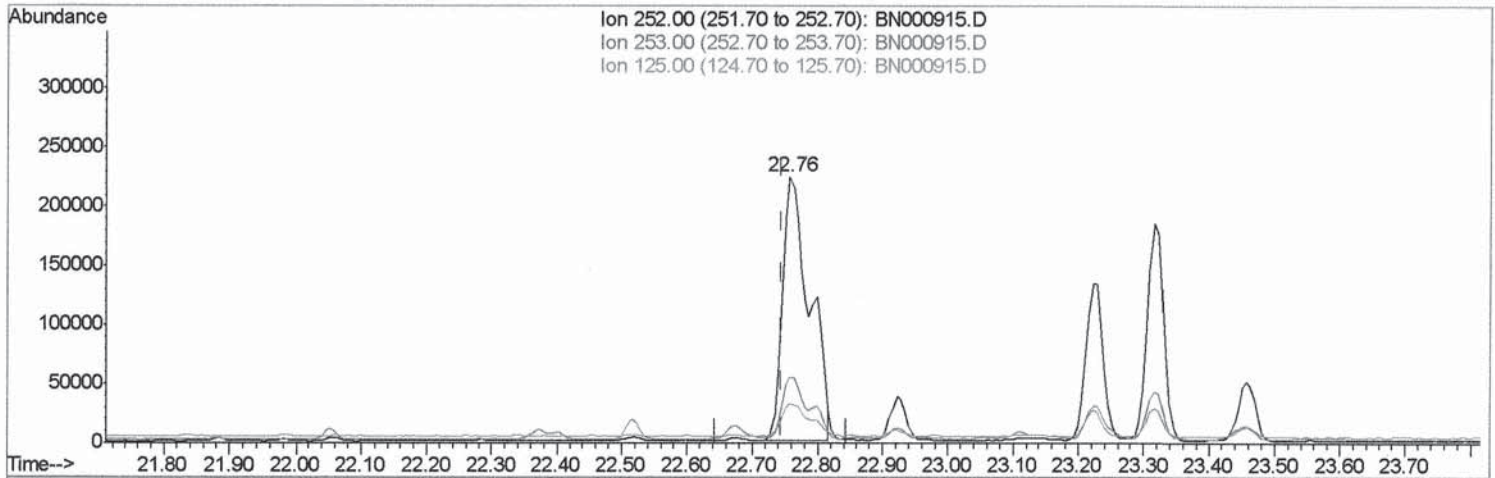
response 346479

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.43
229.00	19.80	23.40
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000915.D
 Acq On : 26 Apr 2018 05:05
 Operator : JU/SJ
 Sample : J2443-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 08:38:14 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000915.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 18.96ng/ul

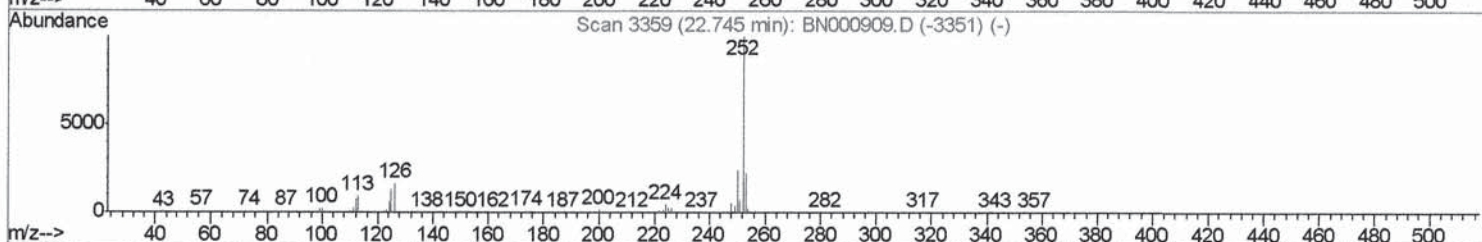
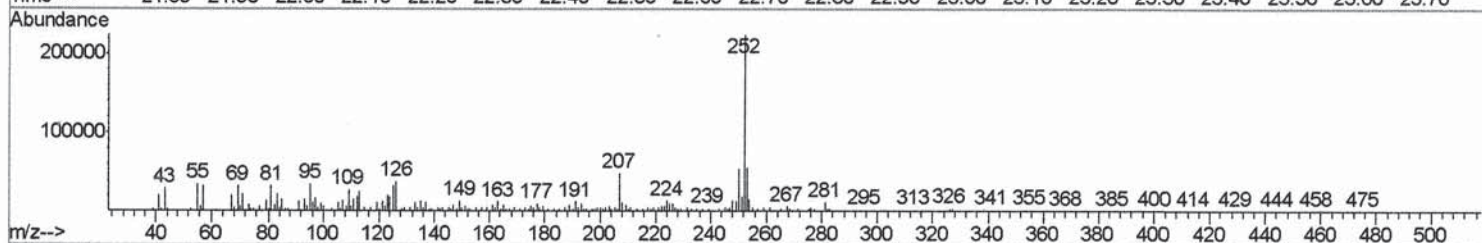
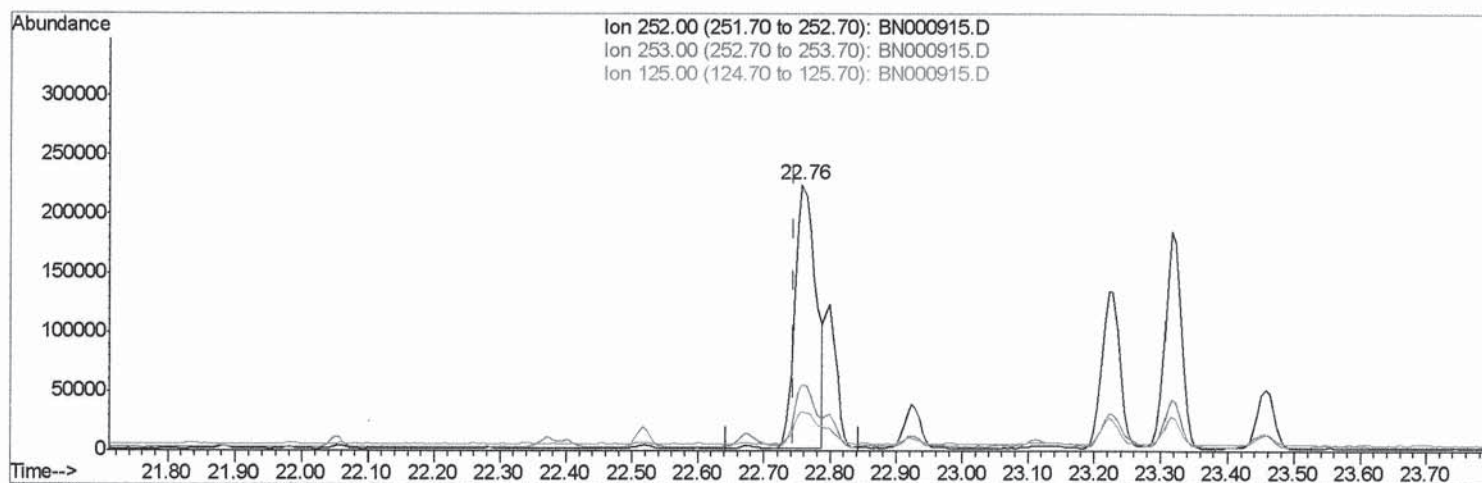
response 641239

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.10
125.00	10.00	14.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000915.D
 Acq On : 26 Apr 2018 05:05
 Operator : JU/SJ
 Sample : J2443-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 08:38:14 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000915.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 14.59ng/ul m

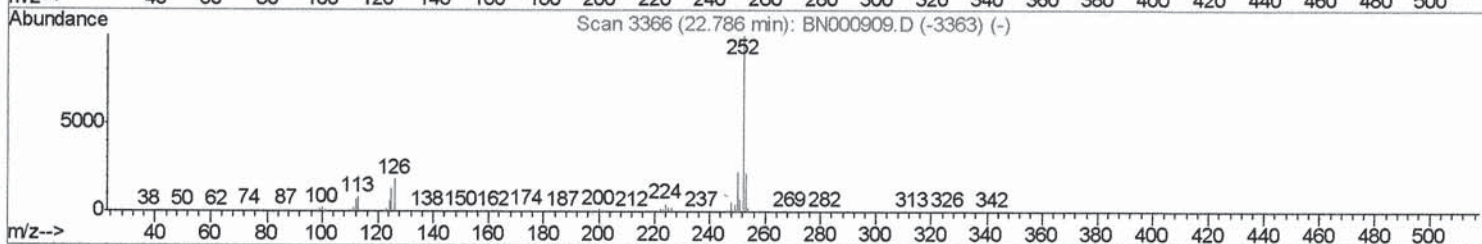
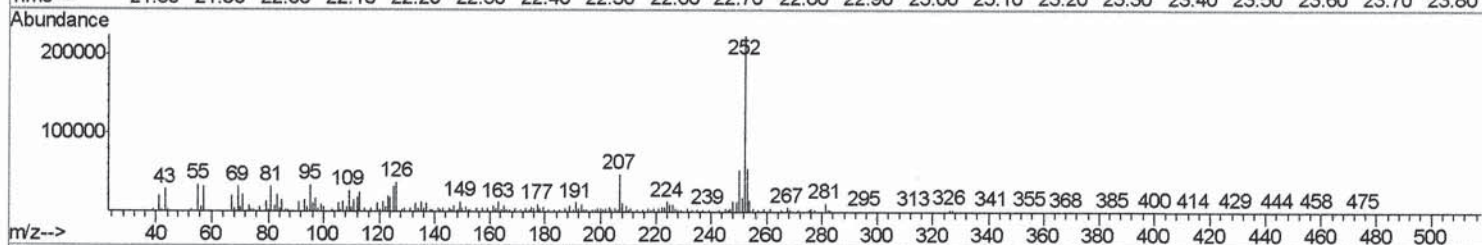
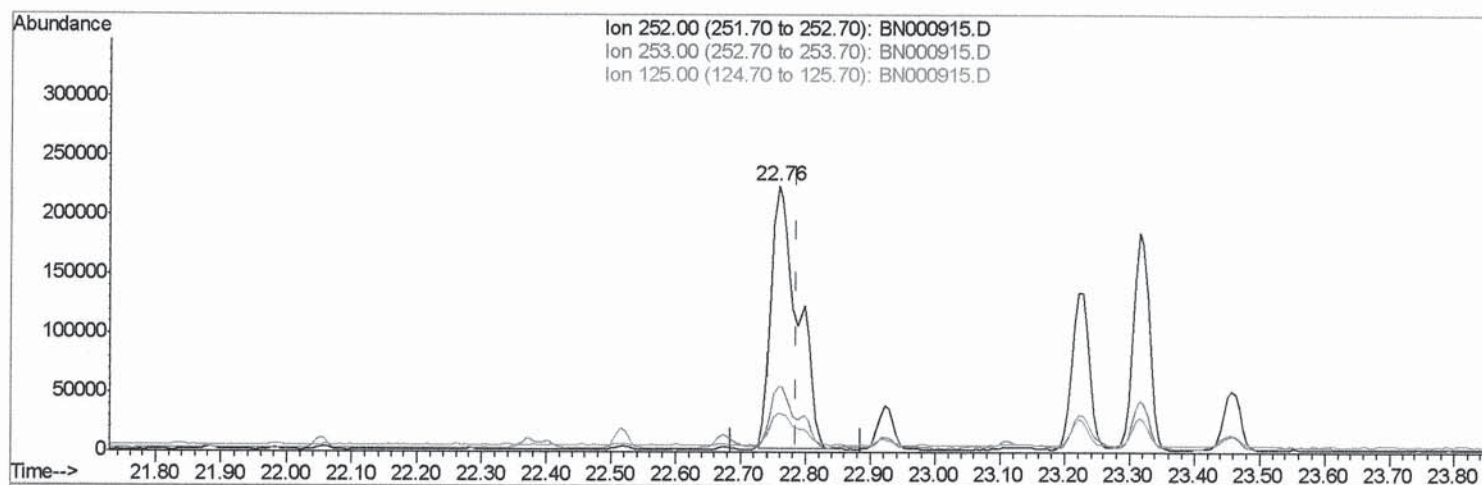
response 493506

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.10
125.00	10.00	14.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000915.D
Acq On : 26 Apr 2018 05:05
Operator : JU/SJ
Sample : J2443-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 08:38:14 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000915.D

(24) Benzo(k)fluoranthene

22.757min (-0.029) 19.36ng/ul

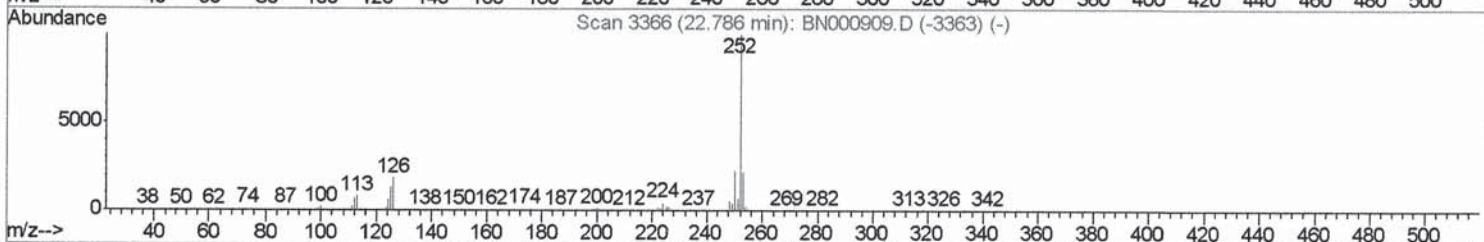
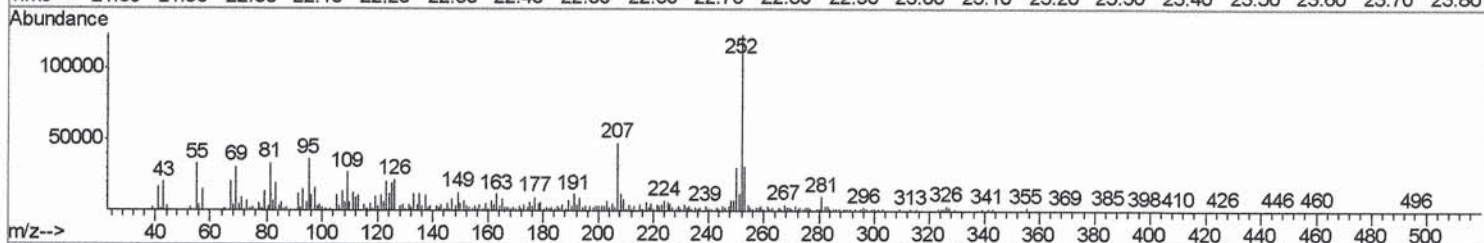
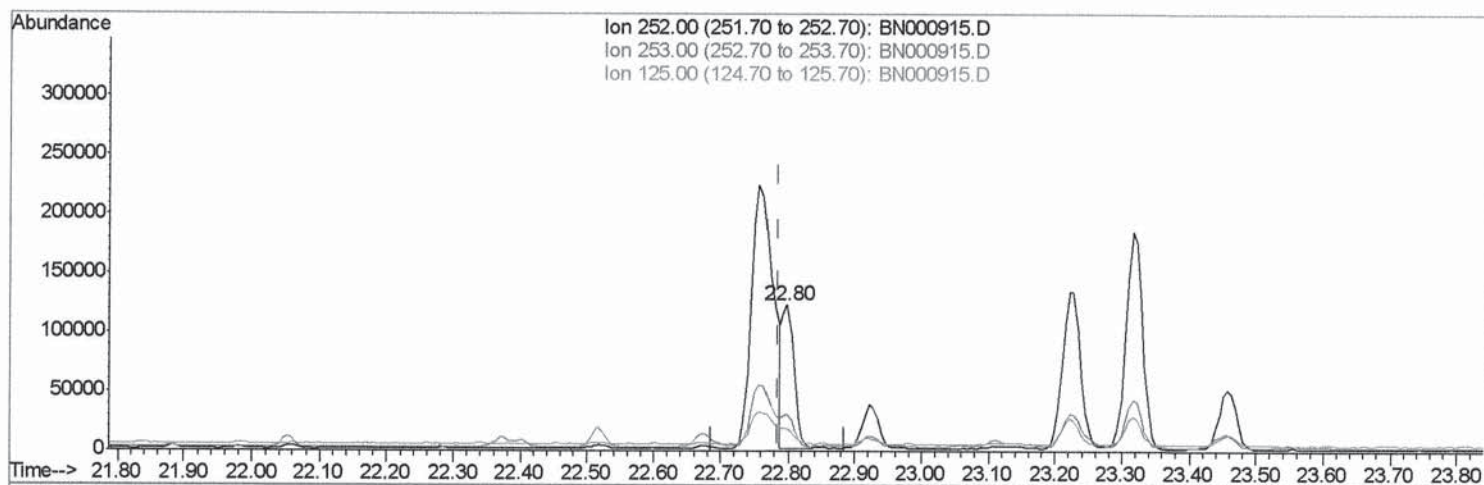
response 640433

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.10
125.00	10.10	14.81#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000915.D
Acq On : 26 Apr 2018 05:05
Operator : JU/SJ
Sample : J2443-10
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 08:38:14 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000915.D

(24) Benzo(k)fluoranthene

22.798min (+0.012) 4.66ng/ul m

response 154156

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.68
125.00	10.10	16.17#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000915.D
 Acq On : 26 Apr 2018 05:05
 Operator : JU/SJ
 Sample : J2443-10
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Quant Time: Apr 26 08:52:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	139603	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	576665	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	291115	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	599806	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	550949	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	595010	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	937415	33.53	ng/ul	0.00
10) Fluorene-d10	15.26	176	619253	33.18	ng/ul	0.00
14) Anthracene-d10	17.10	188	898159	32.74	ng/ul	0.00
18) Pyrene-d10	19.41	212	935019	33.12	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	903965	32.16	ng/ul	0.02

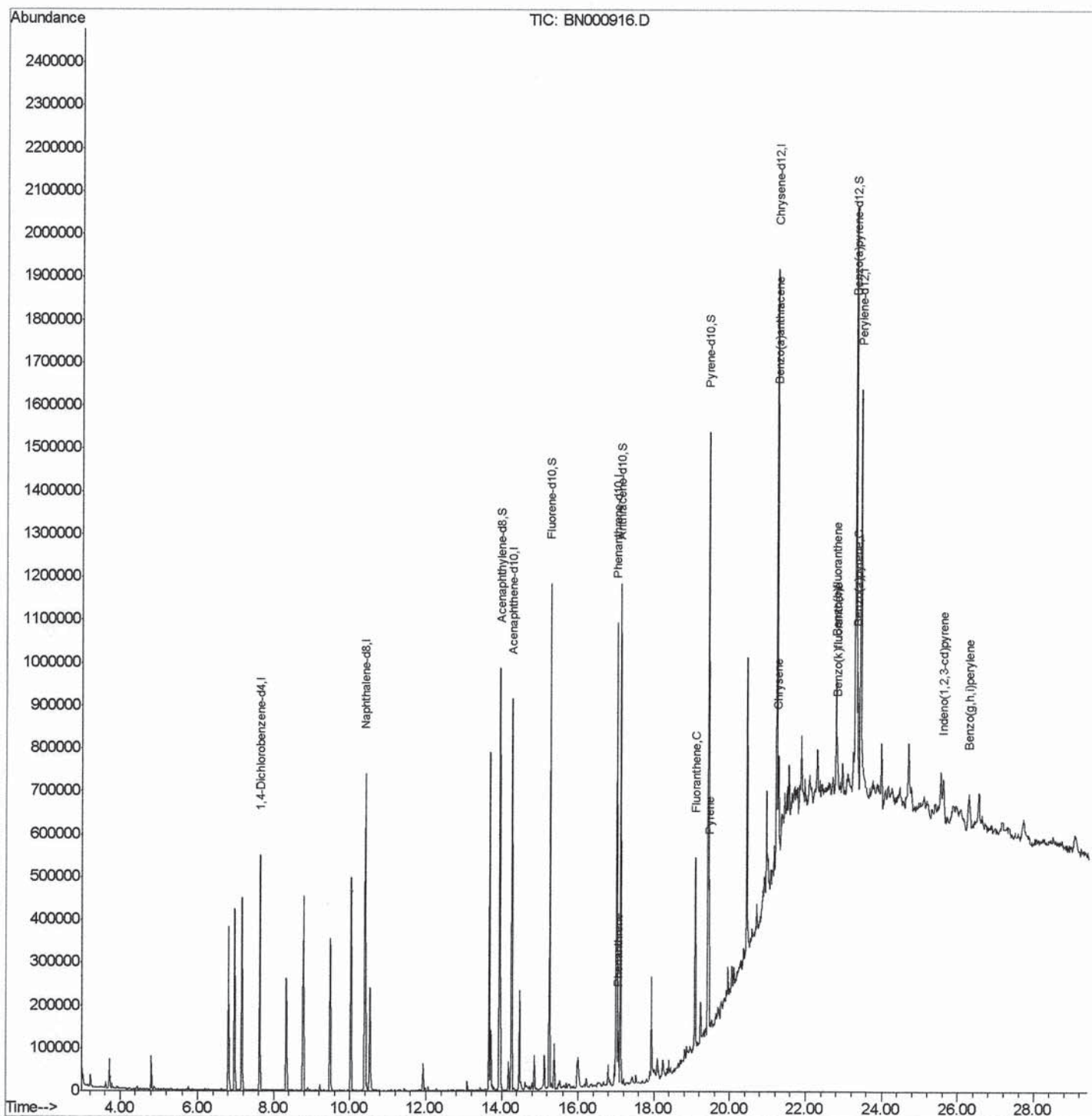
Target Compounds

						Ovalue
3) Naphthalene	10.44	128	38623	1.329	ng/ul	98
9) Acenaphthene	14.32	153	28845	1.509	ng/ul	97
11) Fluorene	15.31	166	31317	1.539	ng/ul	95
13) Phenanthrene	17.05	178	478680	14.632	ng/ul	99
15) Anthracene	17.14	178	105144	3.204	ng/ul	99
16) Fluoranthene	19.07	202	751111	22.630	ng/ul	96
19) Pyrene	19.44	202	598151	16.902	ng/ul#	93
20) Benzo(a)anthracene	21.20	228	343813	10.439	ng/ul	96
21) Chrysene	21.25	228	346479m	11.193	ng/ul	} JU 04/27/18
23) Benzo(b)fluoranthene	22.76	252	493506m	14.594	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	154156m	4.659	ng/ul	
26) Benzo(a)pyrene	23.32	252	317069	9.811	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.60	276	251230	6.436	ng/ul#	90
28) Dibenzo(a,h)anthracene	25.60	278	68484	2.105	ng/ul#	80
29) Benzo(a,h,i)perylene	26.26	276	228739	7.007	ng/ul#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000916.D
Acq On : 26 Apr 2018 05:39
Operator : JU/SJ
Sample : J2444-18
Misc :
ALS Vial : 25 Sample Multiplier: 1

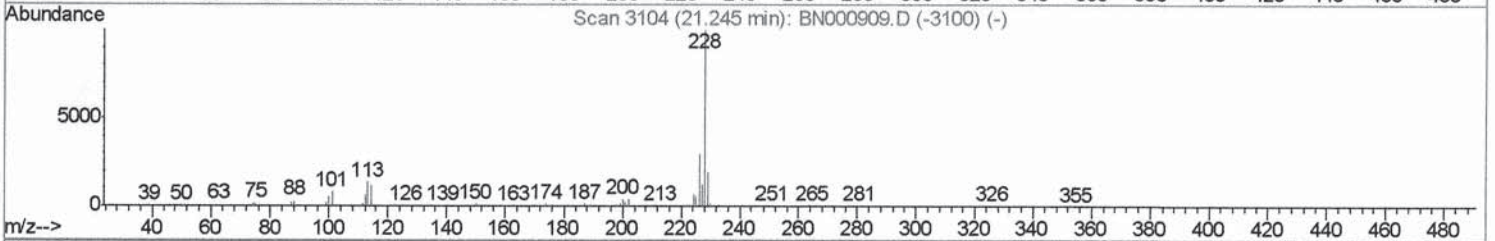
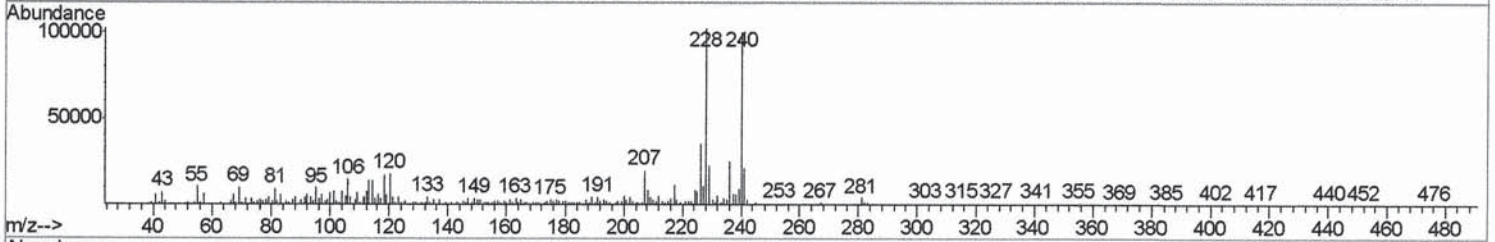
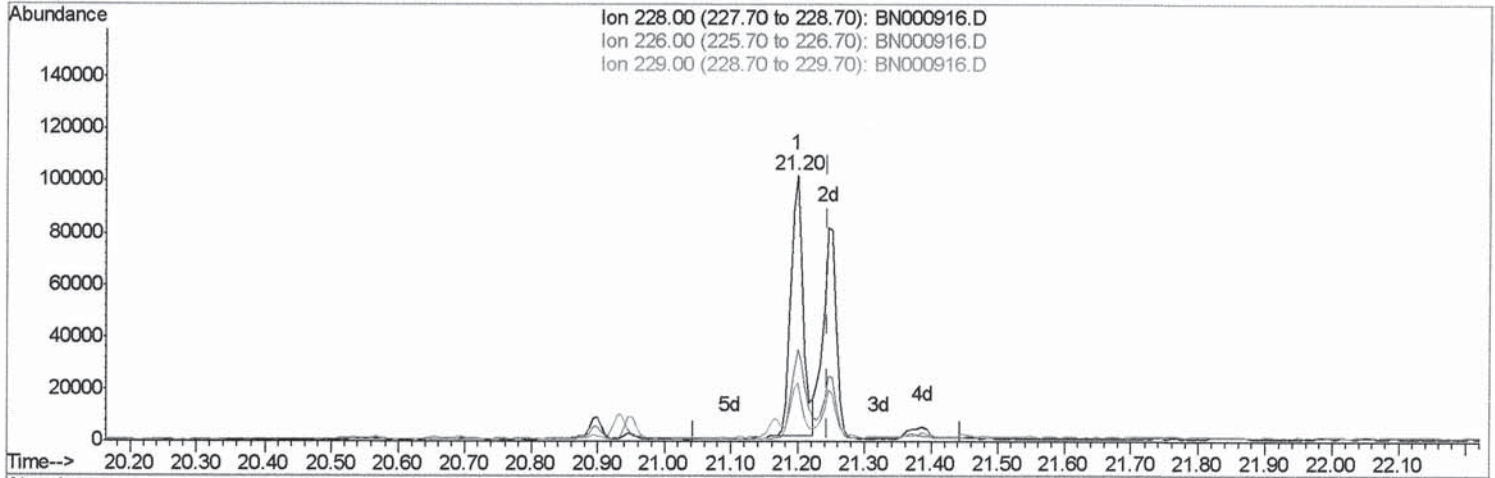
Quant Time: Apr 26 08:54:15 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000916.D
 Acq On : 26 Apr 2018 05:39
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 26 08:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000916.D

(21) Chrysene

21.198min (-0.047) 4.17ng/ul

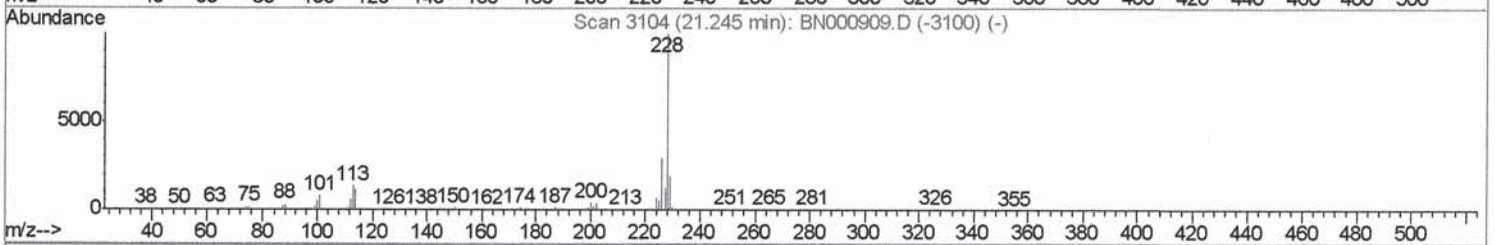
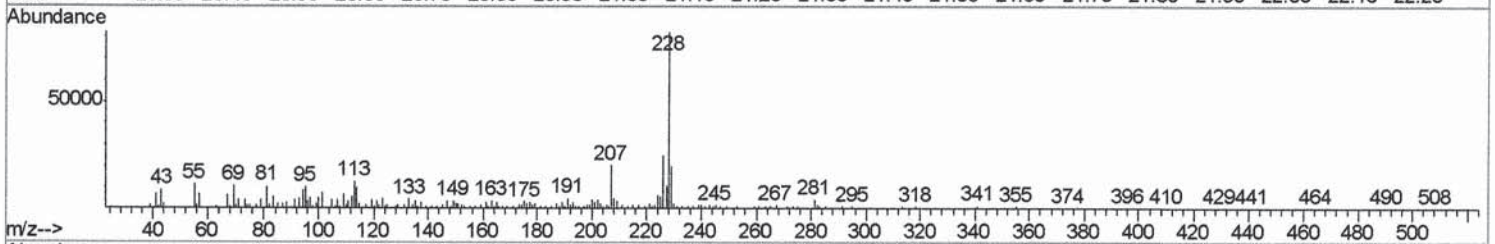
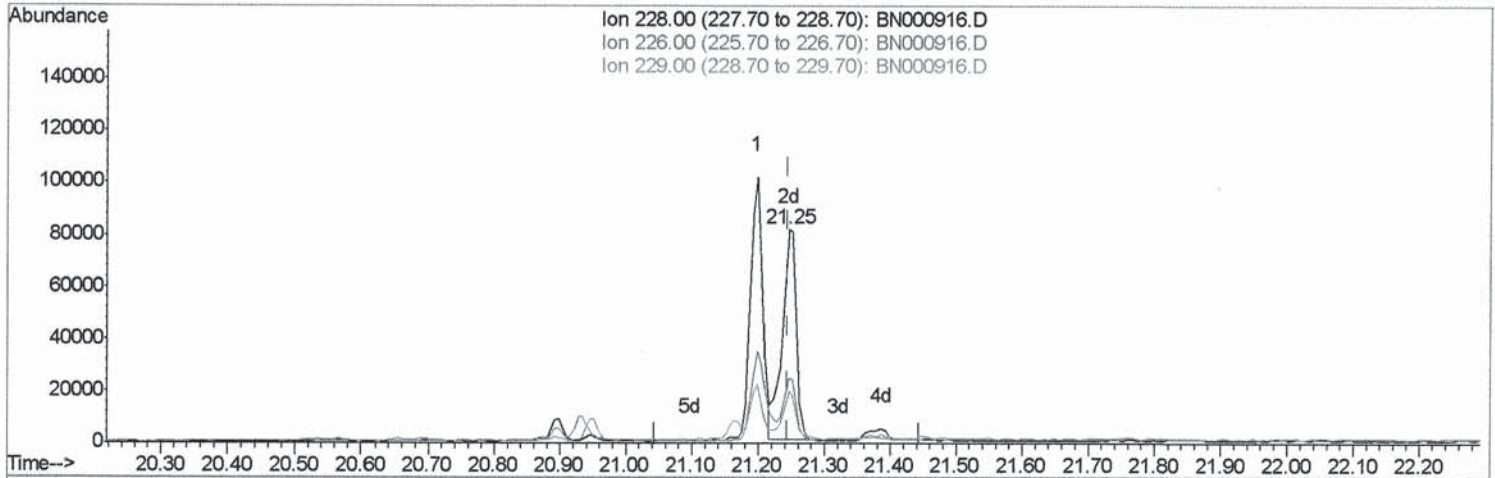
response 130177

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	34.59
229.00	19.80	22.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000916.D
 Acq On : 26 Apr 2018 05:39
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 26 08:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000916.D

(21) Chrysene

21.245min (+0.000) 3.86ng/ul m

response 120326

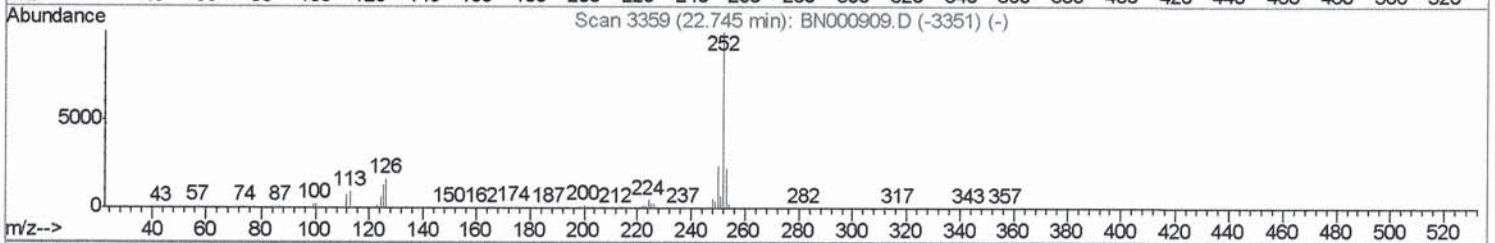
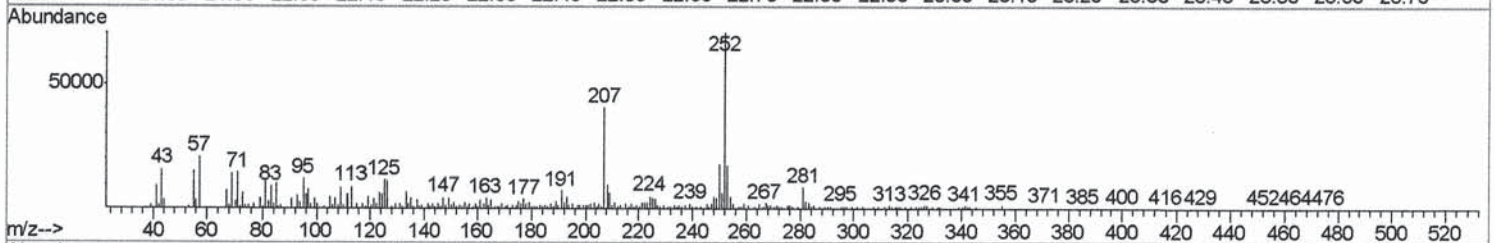
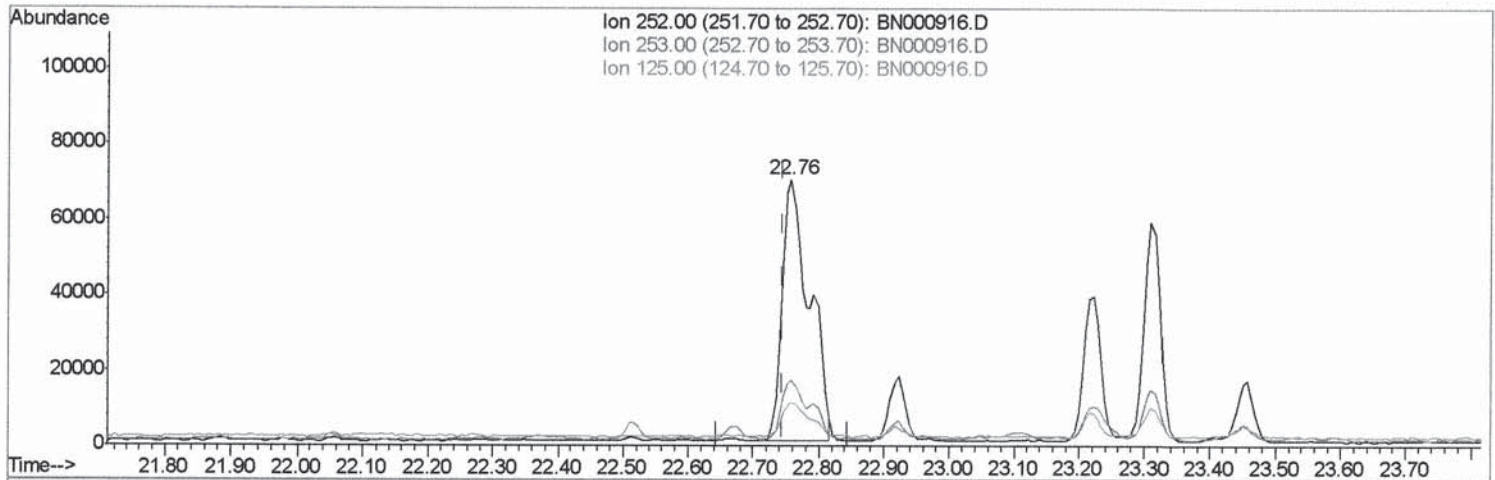
Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.36
229.00	19.80	24.28#
0.00	0.00	0.00

JU/SJ 27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000916.D
 Acq On : 26 Apr 2018 05:39
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 26 08:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000916.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 5.86ng/ul

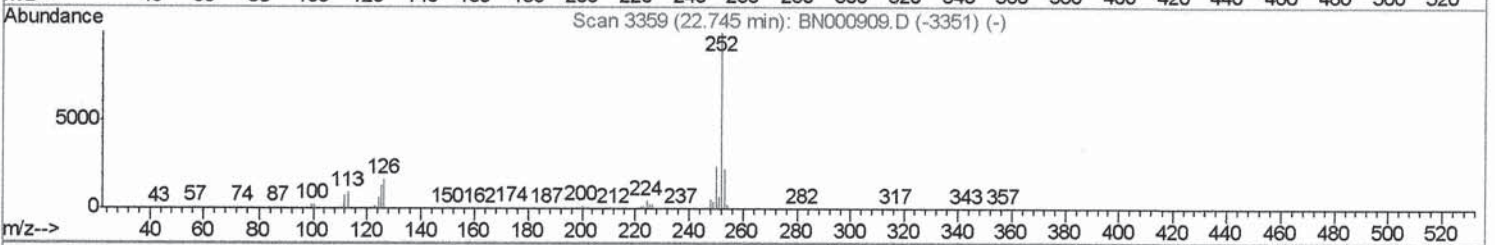
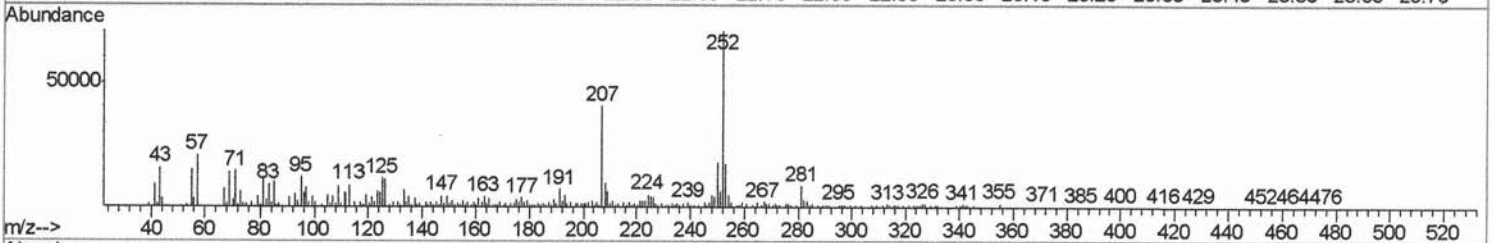
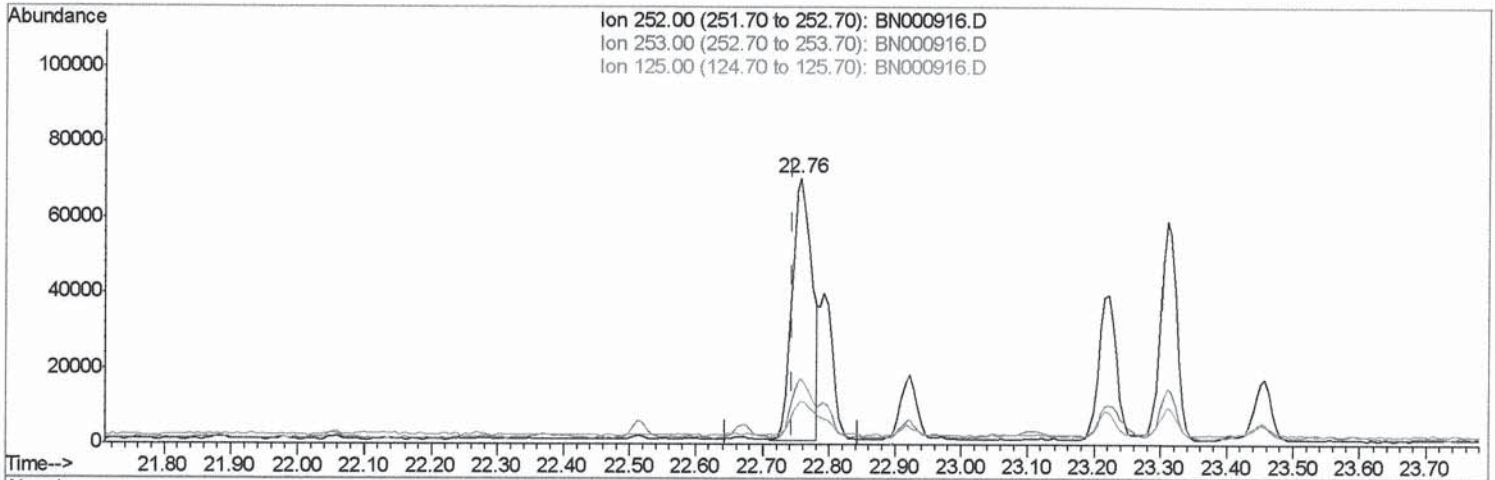
response 200376

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.07
125.00	10.00	16.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000916.D
 Acq On : 26 Apr 2018 05:39
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 26 08:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000916.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 4.29ng/ul m

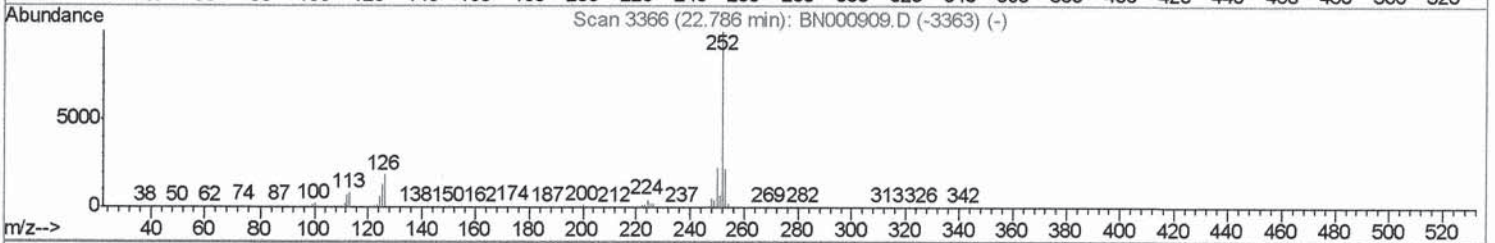
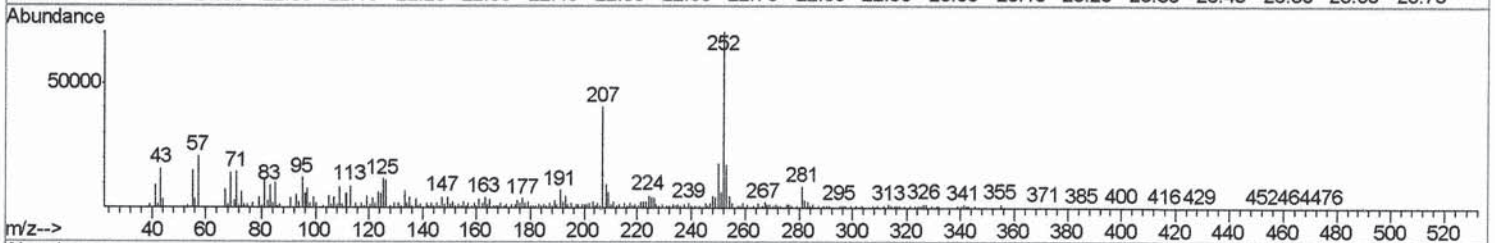
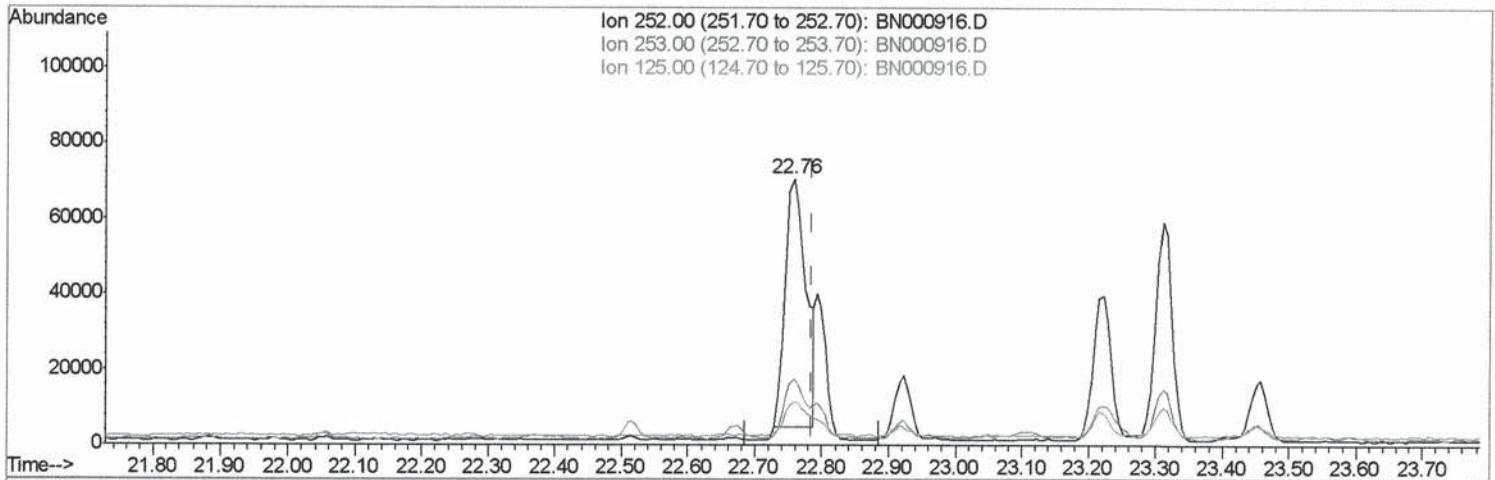
response 146617

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.07
125.00	10.00	16.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000916.D
 Acq On : 26 Apr 2018 05:39
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 26 08:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000916.D

(24) Benzo(k)fluoranthene

22.757min (-0.029) 4.33ng/ul

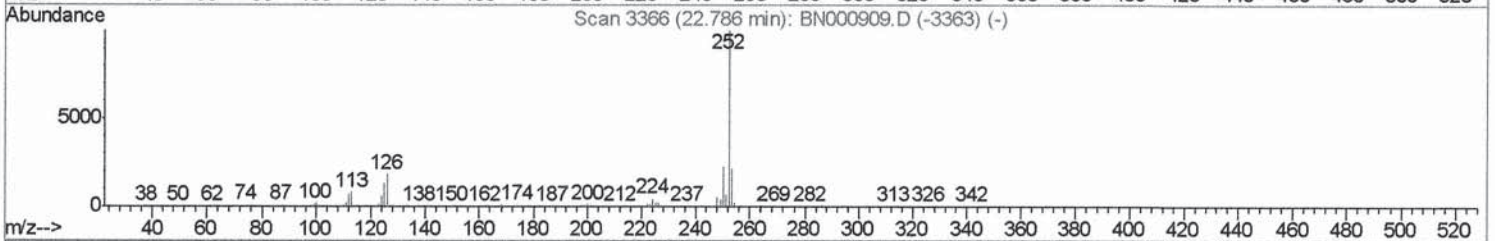
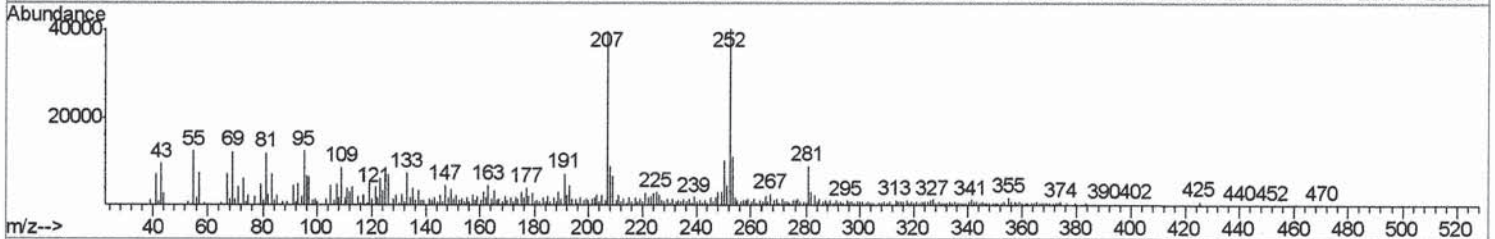
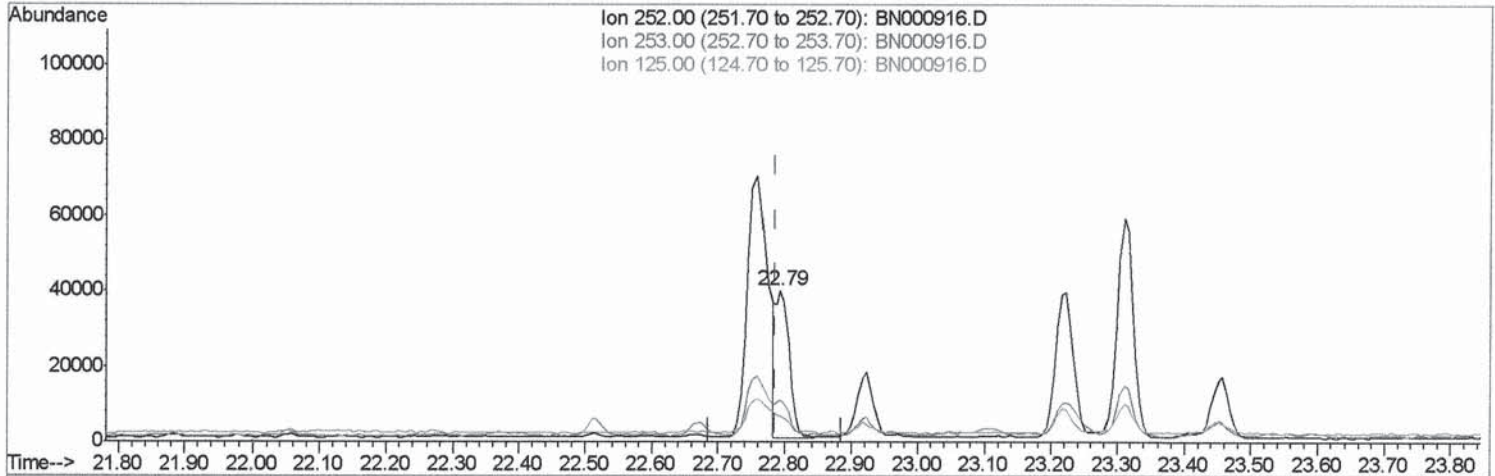
response 144807

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.07
125.00	10.10	16.55#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000916.D
 Acq On : 26 Apr 2018 05:39
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 26 08:38:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000916.D

(24) Benzo(k)fluoranthene

22.792min (+0.006) 1.68ng/ul m

response 56318

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	28.12#
125.00	10.10	17.97#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000916.D
 Acq On : 26 Apr 2018 05:39
 Operator : JU/SJ
 Sample : J2444-18
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Quant Time: Apr 26 08:54:15 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	140236	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	585696	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	287049	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	576258	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	555472	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	601241	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	622080	22.57	ng/ul	0.00
10) Fluorene-d10	15.26	176	425060	23.10	ng/ul	0.00
14) Anthracene-d10	17.10	188	605513	22.98	ng/ul	0.00
18) Pvrene-d10	19.41	212	653363	22.96	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	717233	25.25	ng/ul	0.01

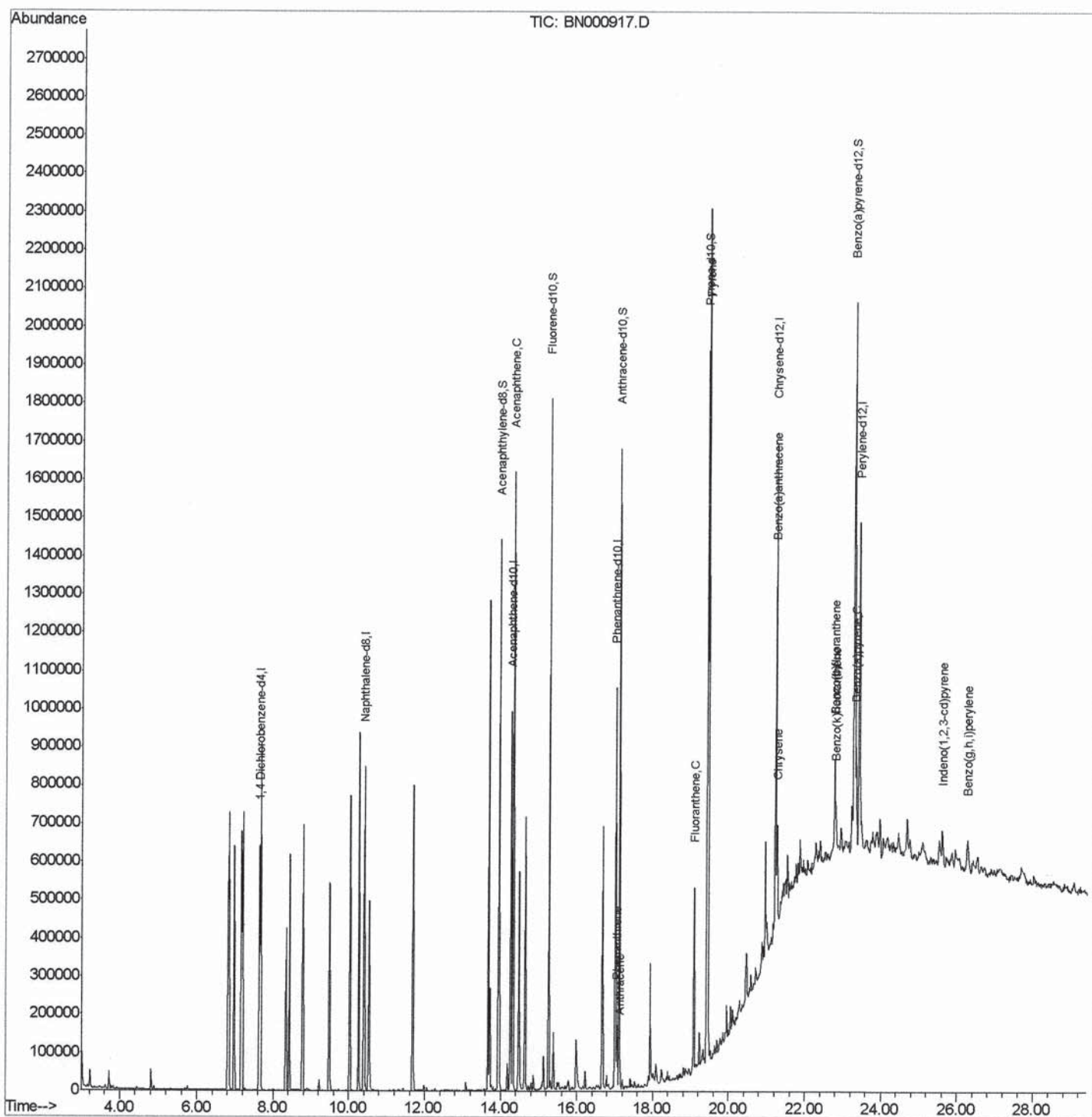
Target Compounds

					Ovalue	
13) Phenanthrene	17.05	178	70925	2.257	ng/ul	99
16) Fluoranthene	19.07	202	233765	7.331	ng/ul	95
19) Pyrene	19.44	202	174054	4.878	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	130523	3.931	ng/ul#	88
21) Chrysene	21.25	228	120326m	3.855	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	146617m	4.291	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	56318m	1.684	ng/ul	
26) Benzo(a)pyrene	23.31	252	99377	3.043	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	25.58	276	67195	1.704	ng/ul#	83
29) Benzo(a,h,i)perylene	26.25	276	63565	1.927	ng/ul#	88

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000917.D
Acq On : 26 Apr 2018 06:14
Operator : JU/SJ
Sample : J2444-19MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

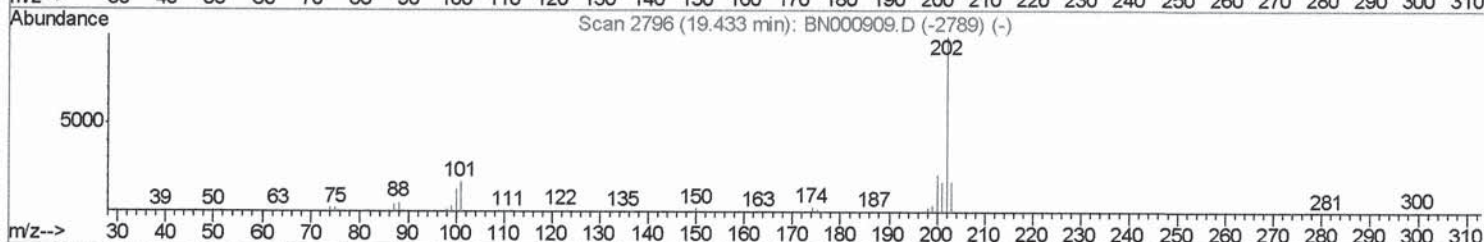
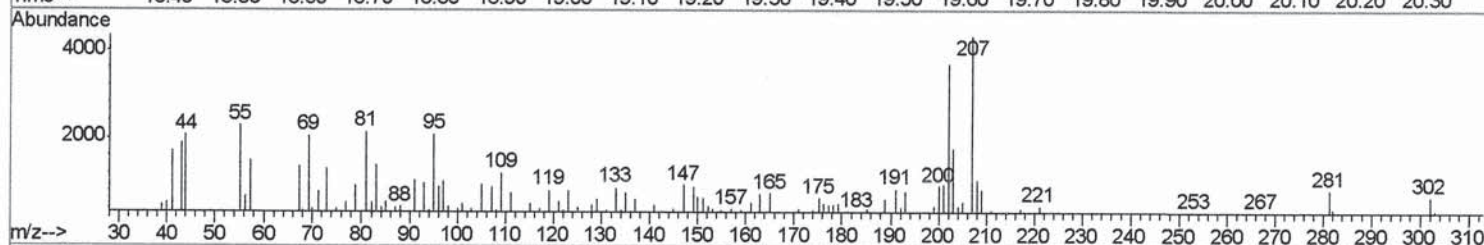
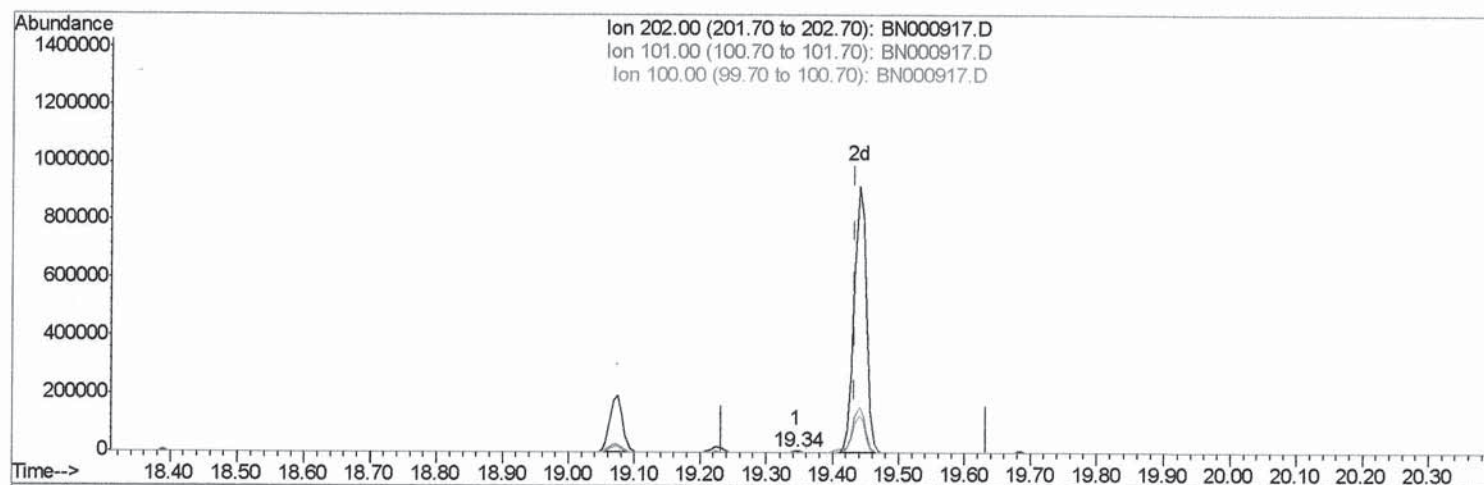
Quant Time: Apr 26 08:56:24 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(19) Pyrene

19.345min (-0.089) 0.14ng/ui

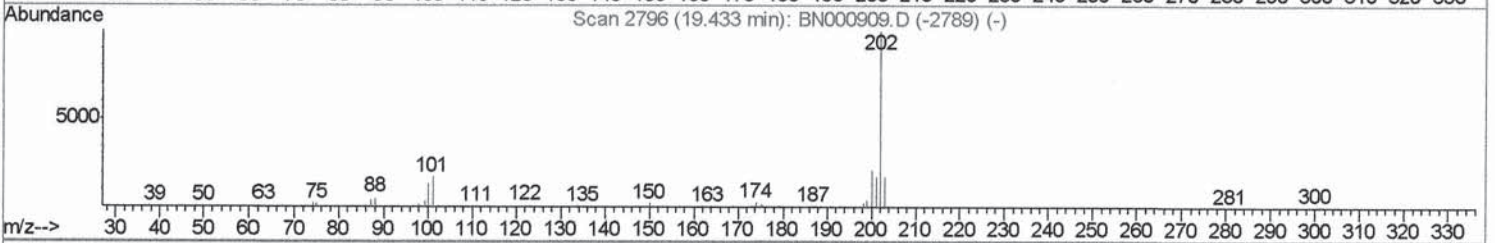
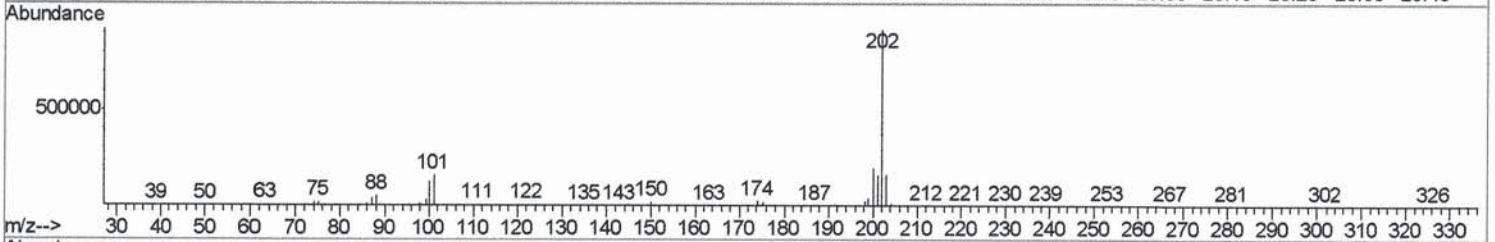
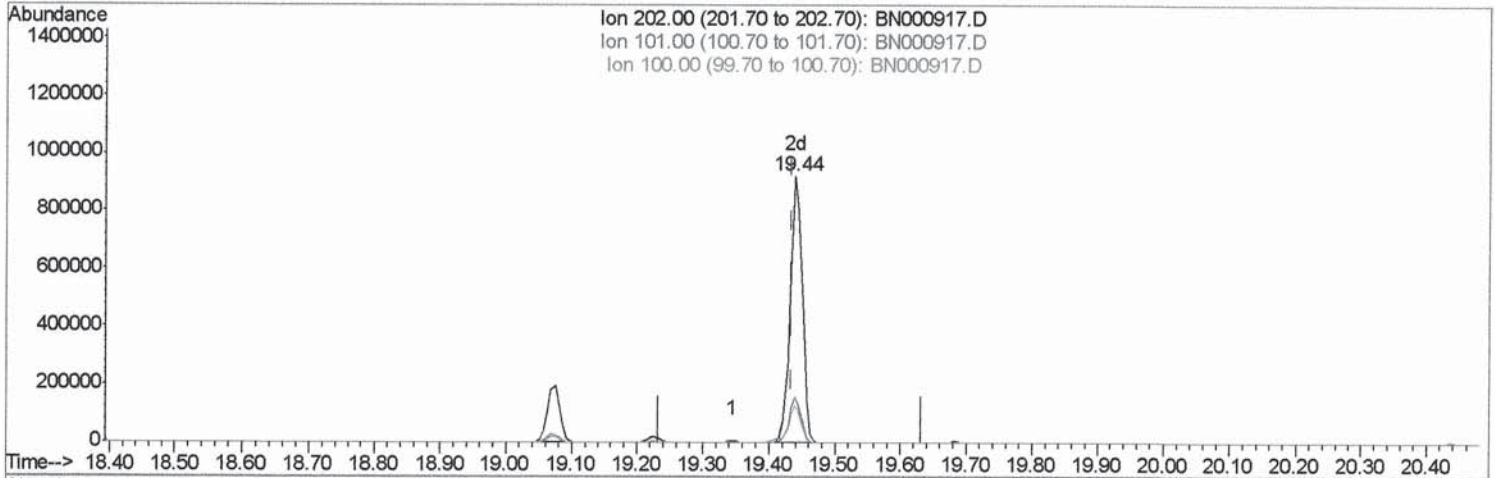
response 4707

Ion	Exp%	Act%
202.00	100	100
101.00	13.70	13.55
100.00	10.10	10.87
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(19) Pyrene

19.439min (+0.006) 36.39ng/ui m

response 1184385

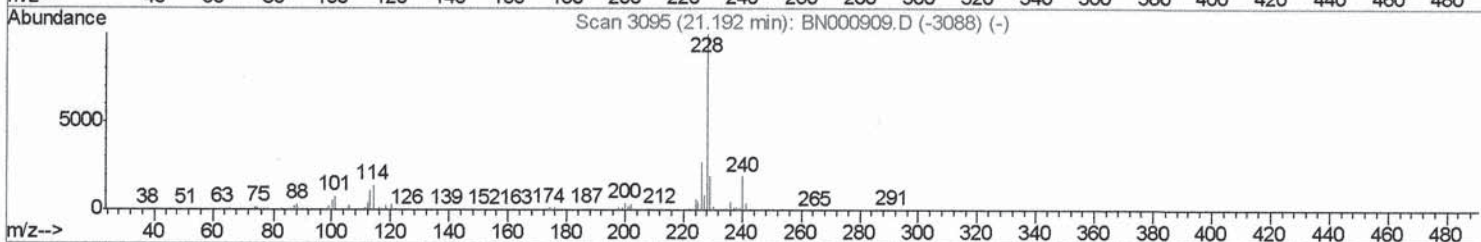
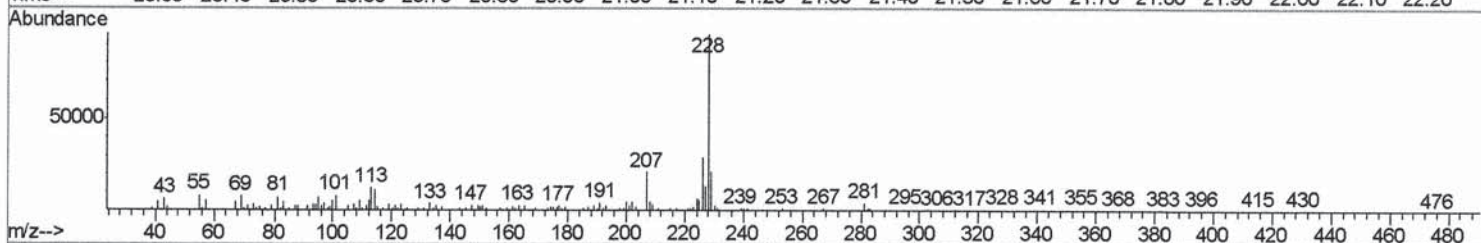
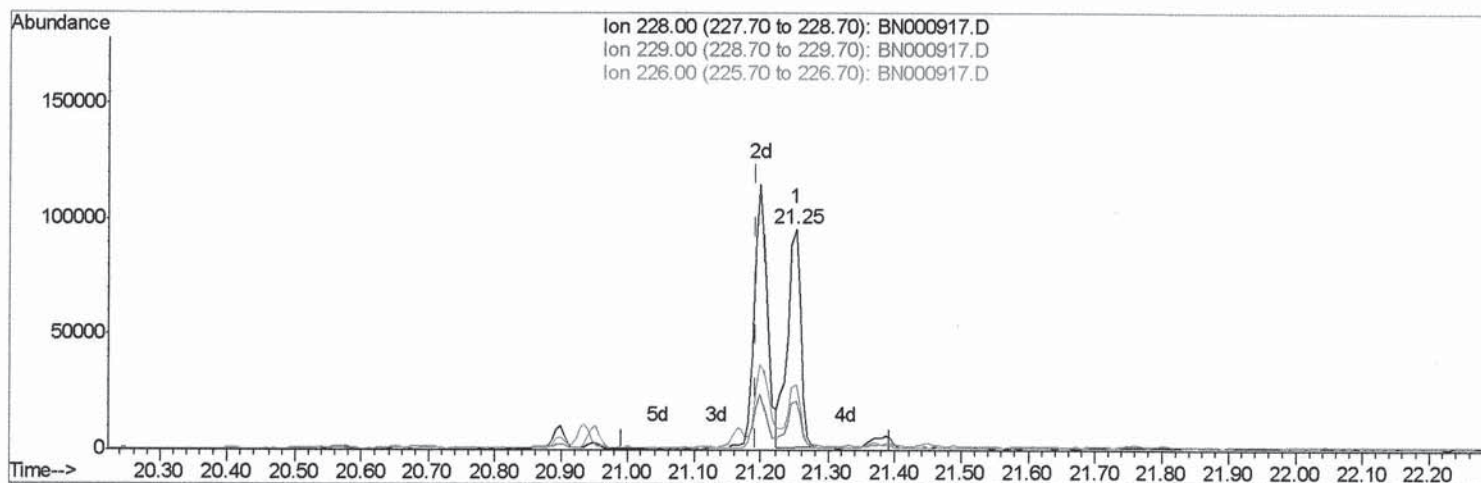
Ion	Exp%	Act%
202.00	100	100
101.00	13.70	17.34#
100.00	10.10	14.07#
0.00	0.00	0.00

JU 4/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(20) Benzo(a)anthracene

21.251min (+0.059) 4.29ng/ul

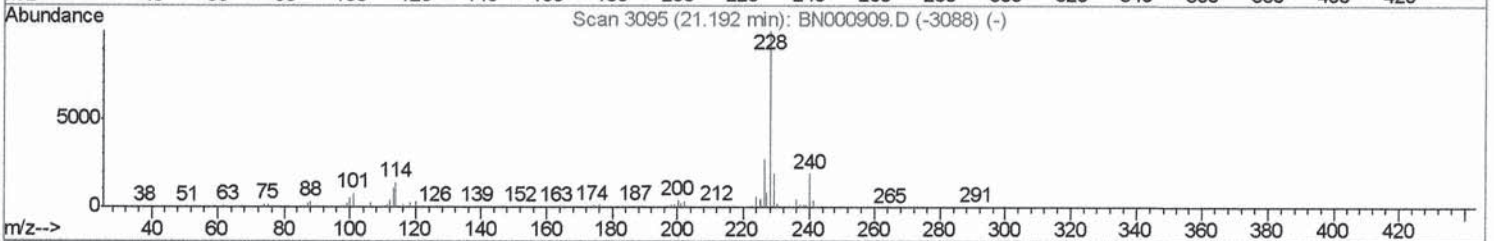
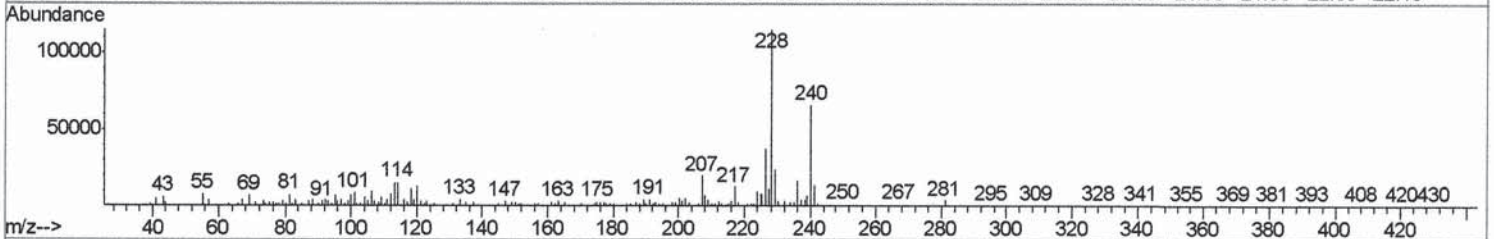
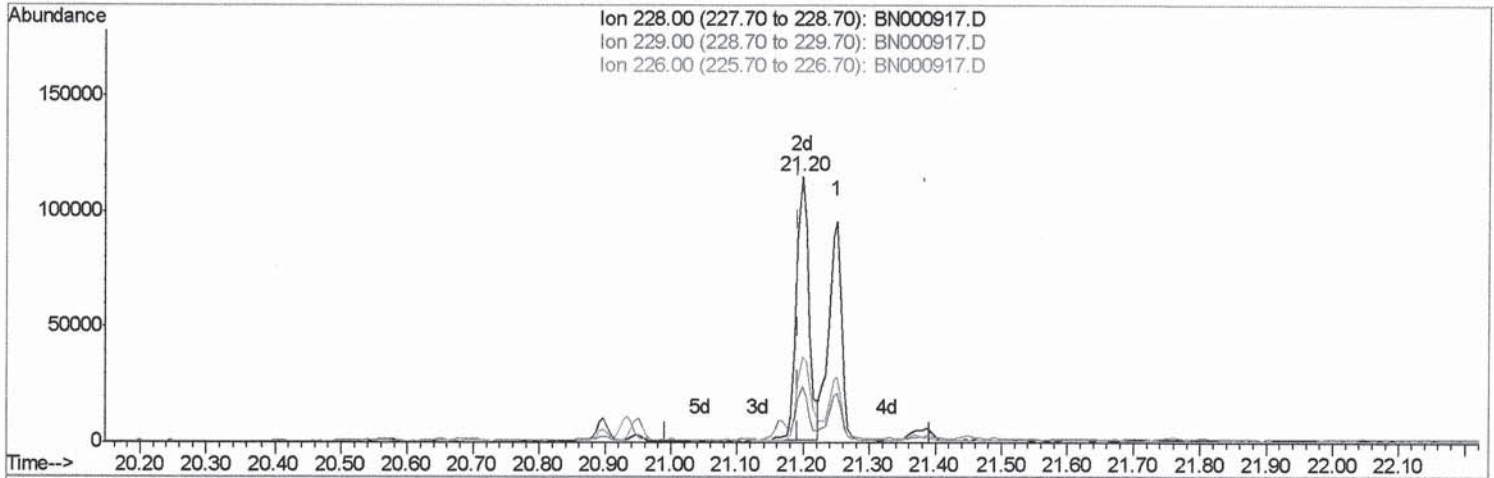
response 129892

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	22.44
226.00	26.40	30.20
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(20) Benzo(a)anthracene

21.198min (+0.006) 5.01ng/ul m

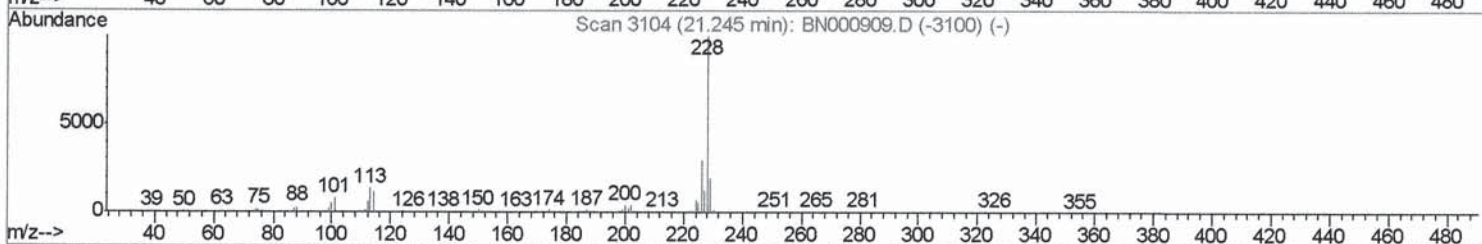
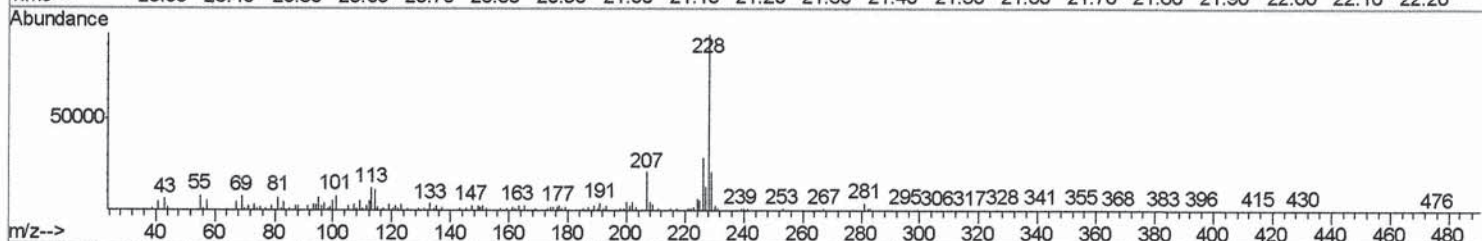
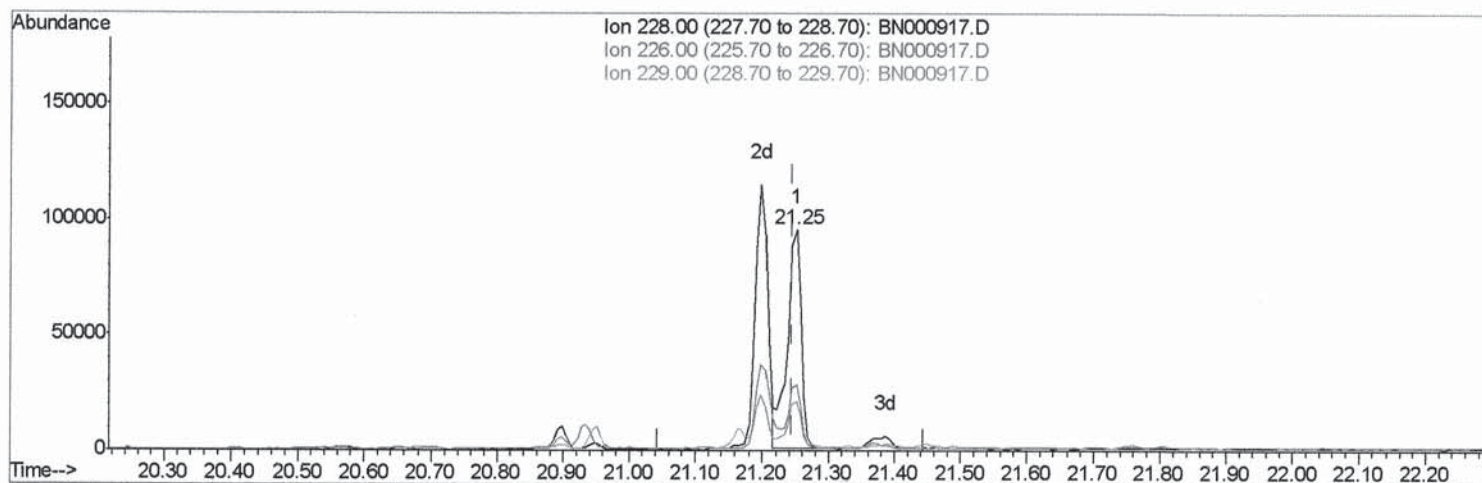
response 151800

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	20.73
226.00	26.40	32.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(21) Chrysene

21.251min (+0.006) 4.80ng/ul

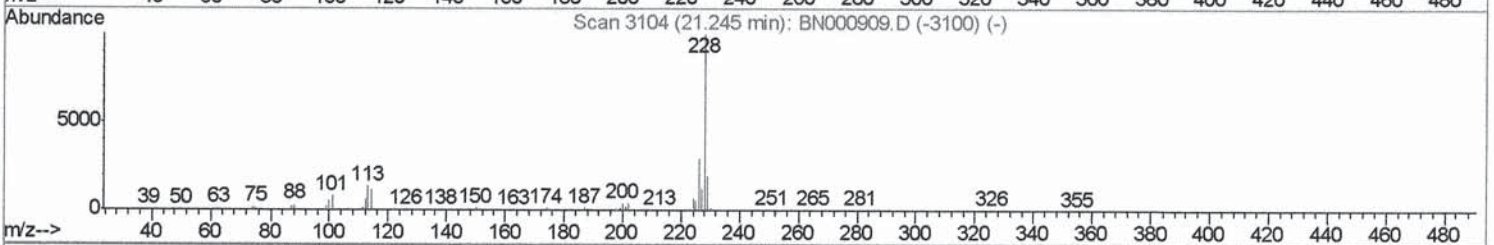
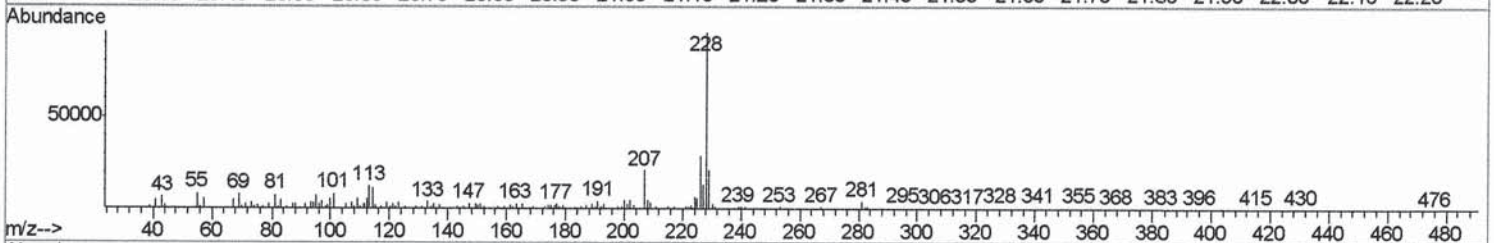
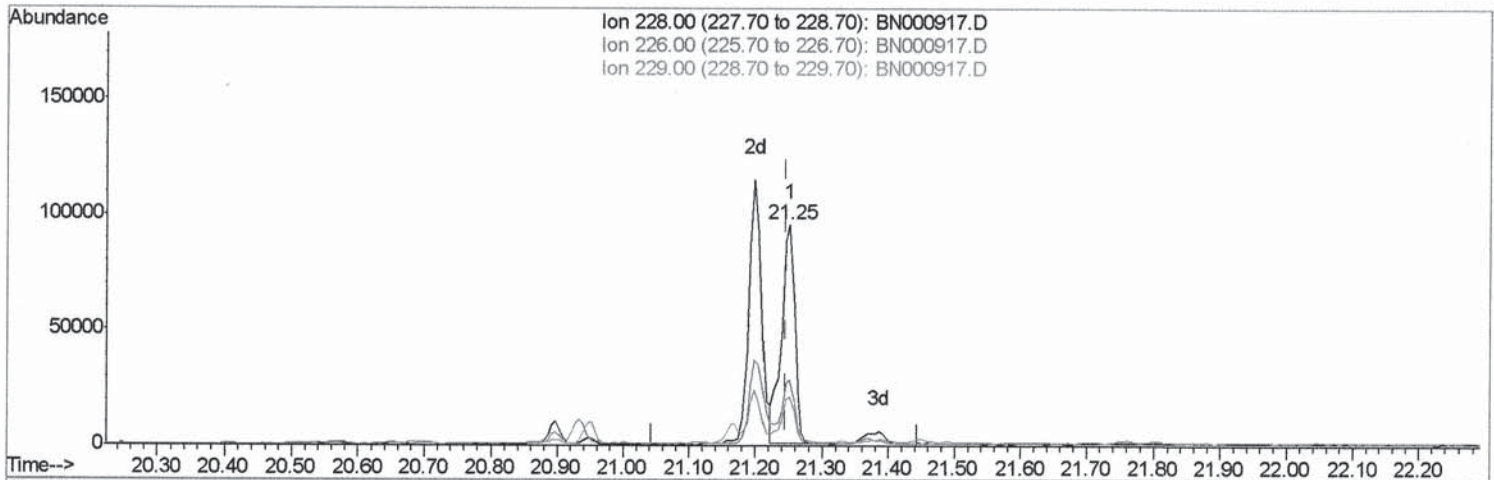
response 136625

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.20
229.00	19.80	22.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(21) Chrysene

21.251min (+0.006) 4.63ng/ul m

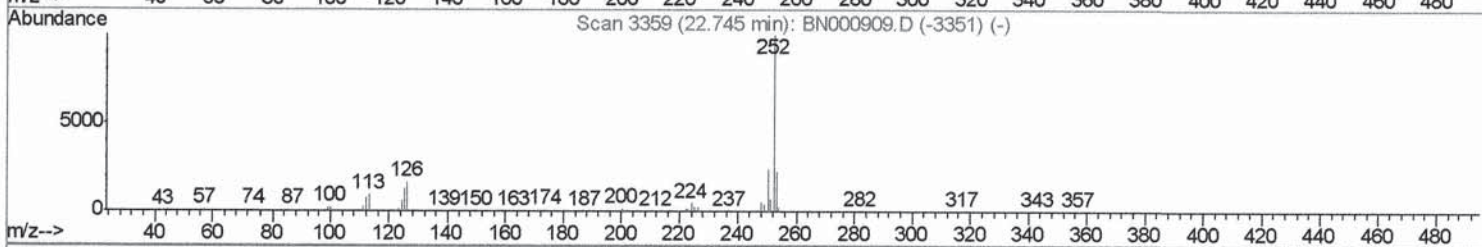
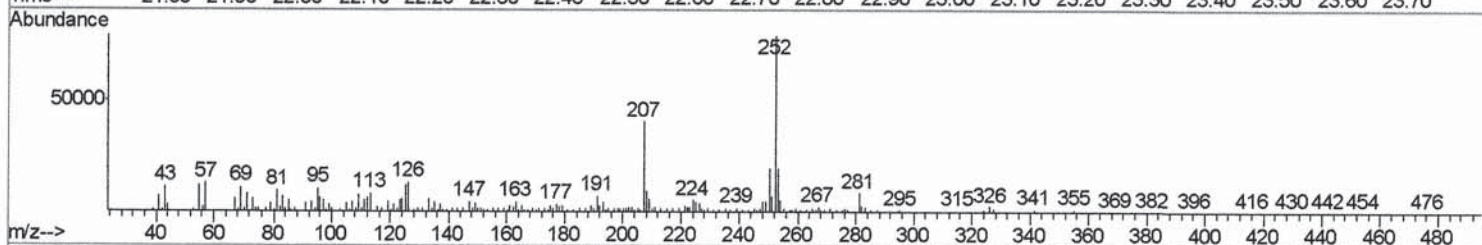
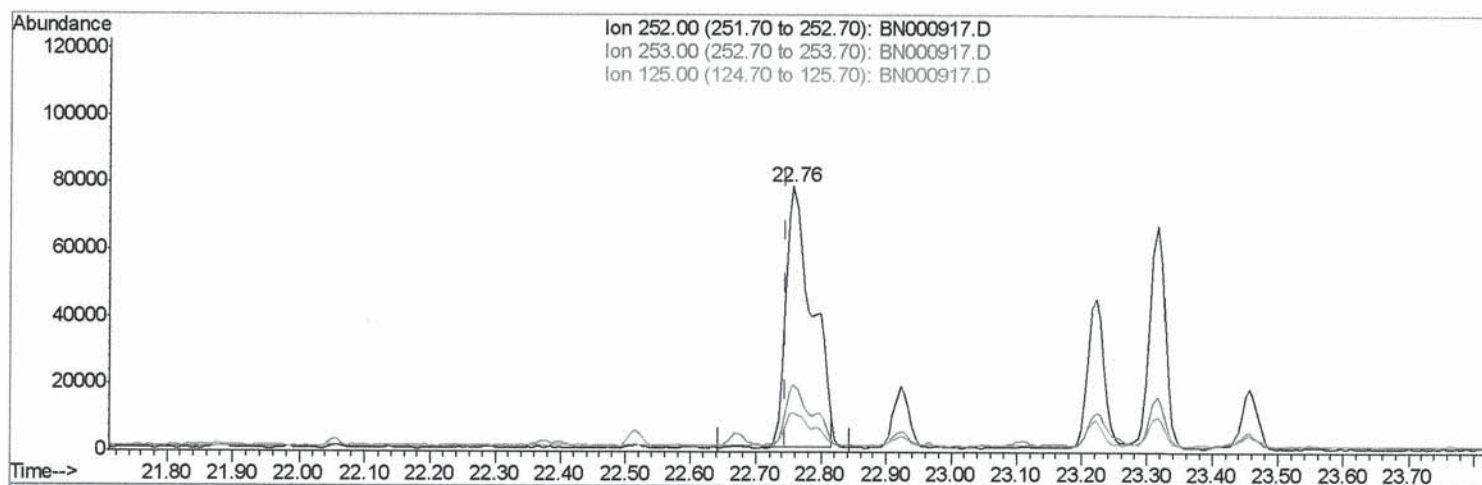
response 131718

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.20
229.00	19.80	22.44
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000917.D
Acq On : 26 Apr 2018 06:14
Operator : JU/SJ
Sample : J2444-19MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000917.D

(23) Benzo(b)fluoranthene

22.756min (+0.011) 7.03ng/ul

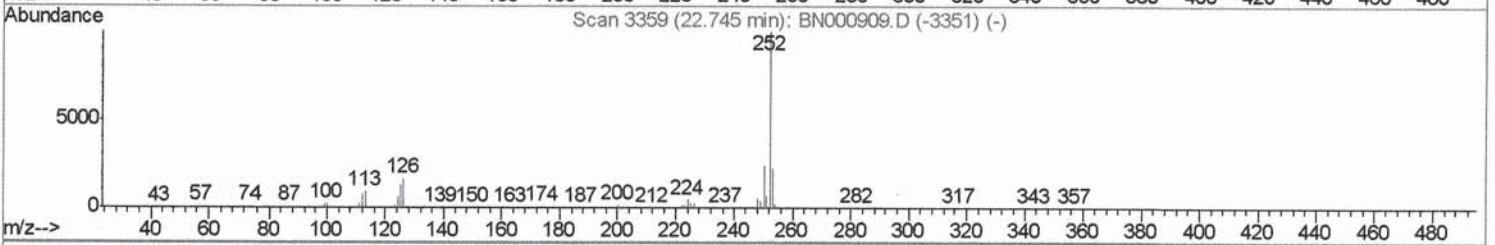
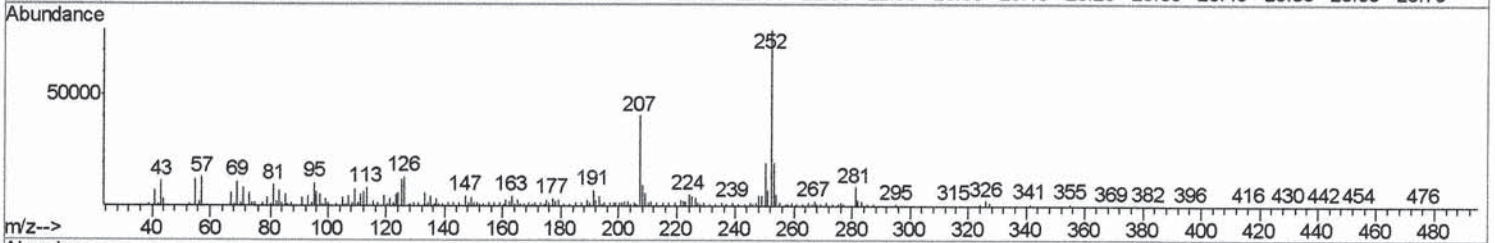
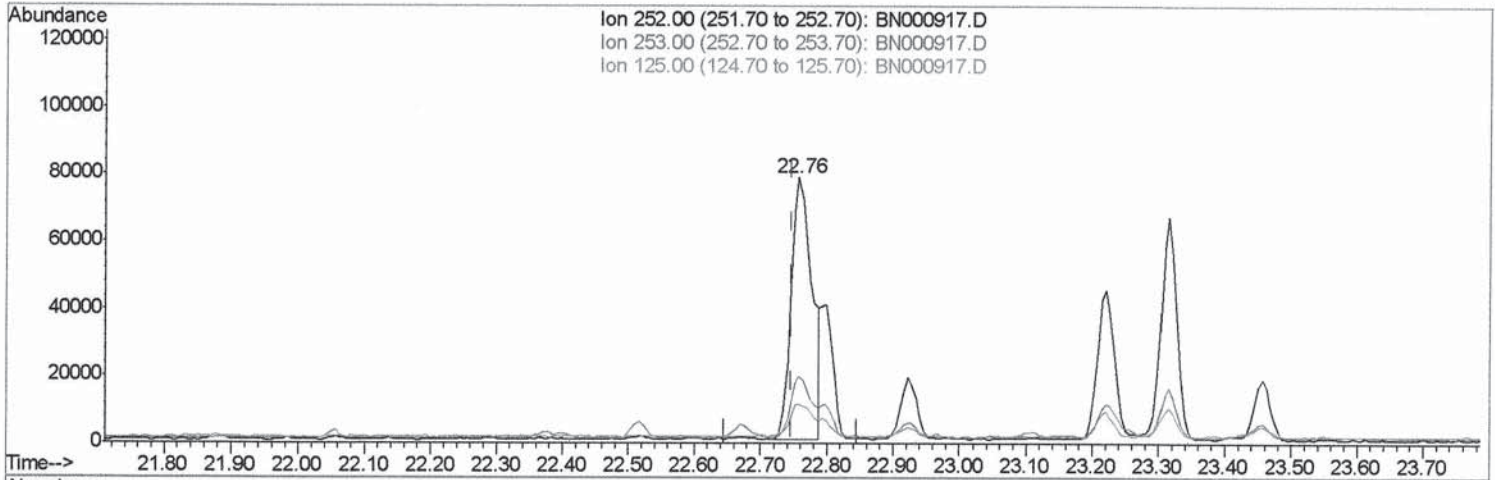
response 219947

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.29
125.00	10.00	15.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(23) Benzo(b)fluoranthene

22.756min (+0.011) 5.48ng/ul m

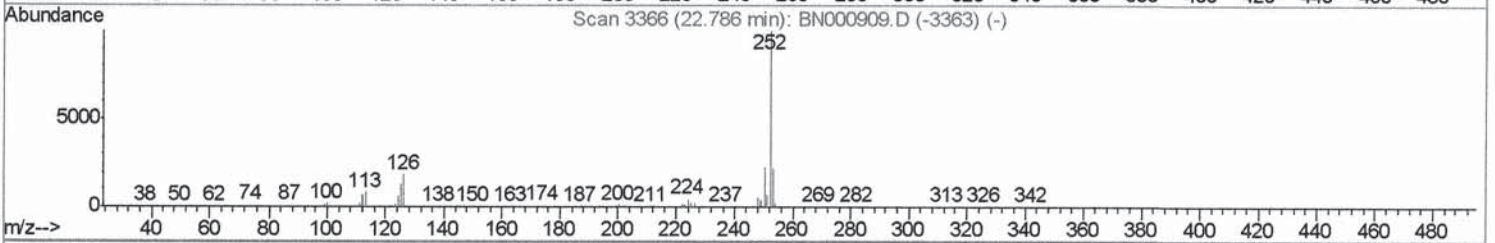
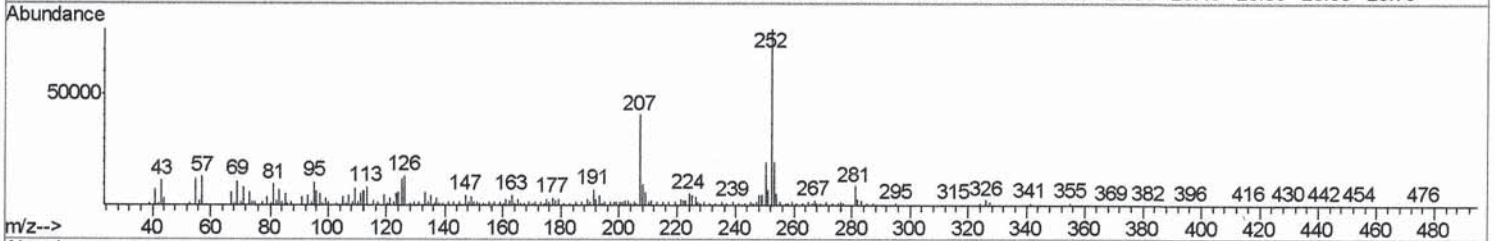
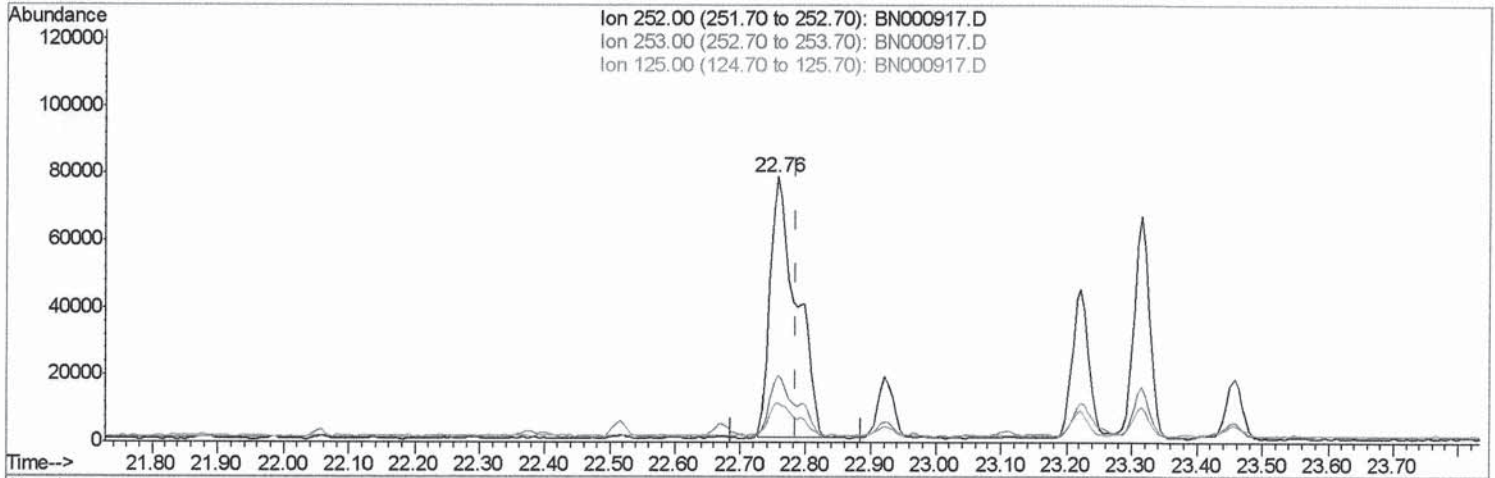
response 171681

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.29
125.00	10.00	15.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(24) Benzo(k)fluoranthene

22.756min (-0.030) 7.16ng/ui

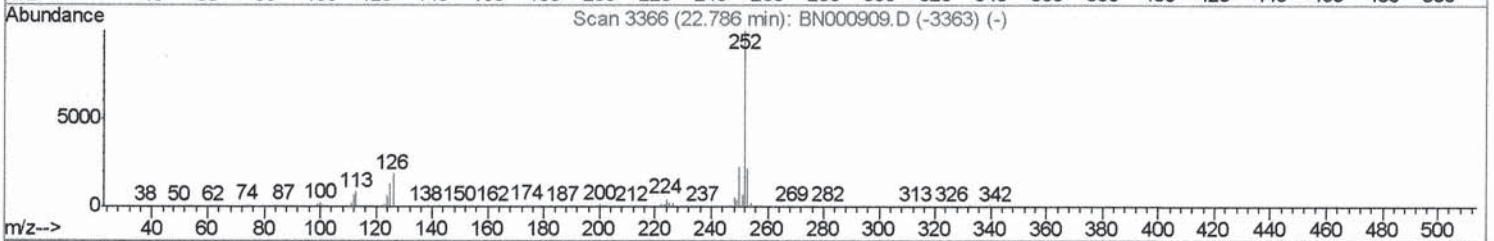
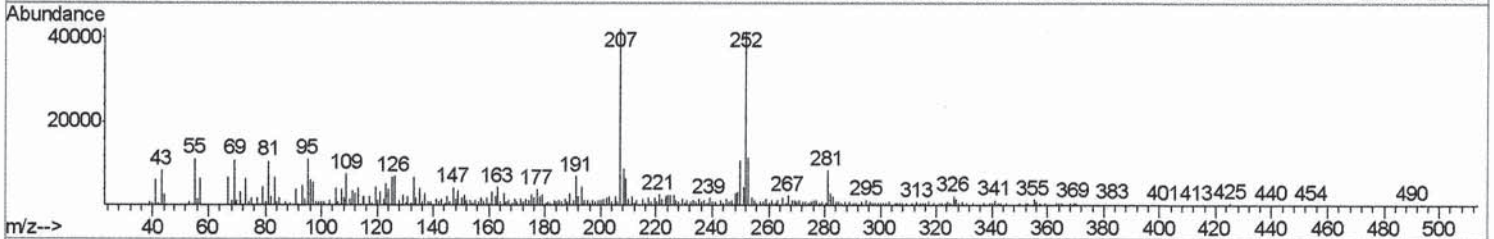
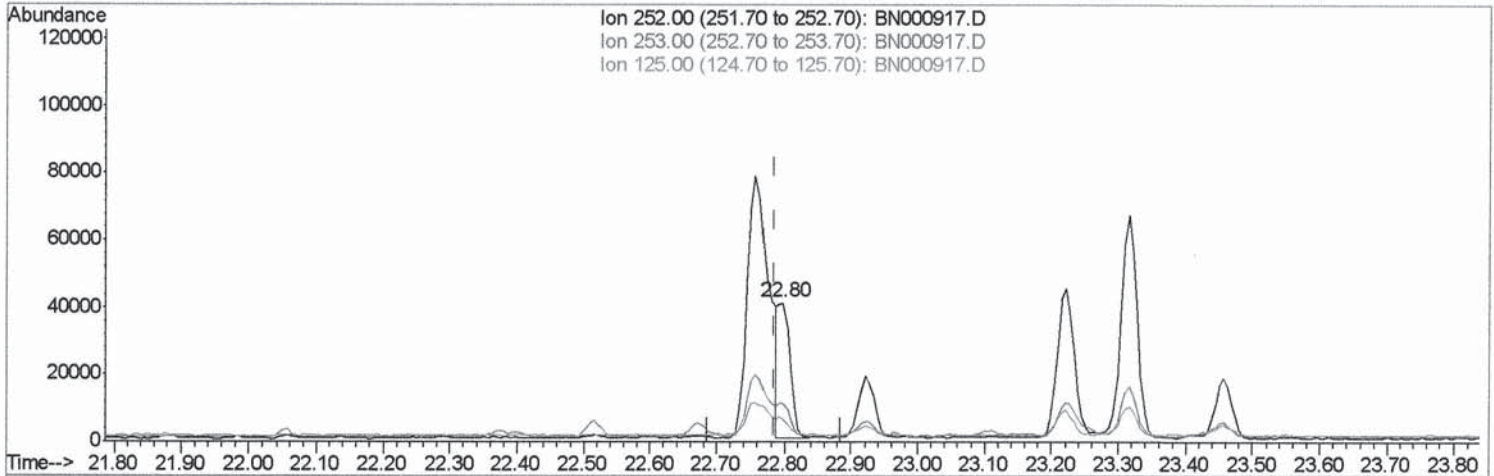
response 219322

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.29
125.00	10.10	15.12#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000917.D

(24) Benzo(k)fluoranthene

22.798min (+0.011) 1.67ng/ul m

response 51232

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.35#
125.00	10.10	16.81#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Quant Time: Apr 26 08:56:24 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	160419	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	656034	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	304348	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	561065	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	506730	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	550810	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	932279	31.90	ng/ul	0.01
10) Fluorene-d10	15.26	176	619722	31.76	ng/ul	0.00
14) Anthracene-d10	17.10	188	849737	33.12	ng/ul	0.00
18) Pyrene-d10	19.41	212	871106	33.55	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	950697	36.54	ng/ul	0.02

Target Compounds

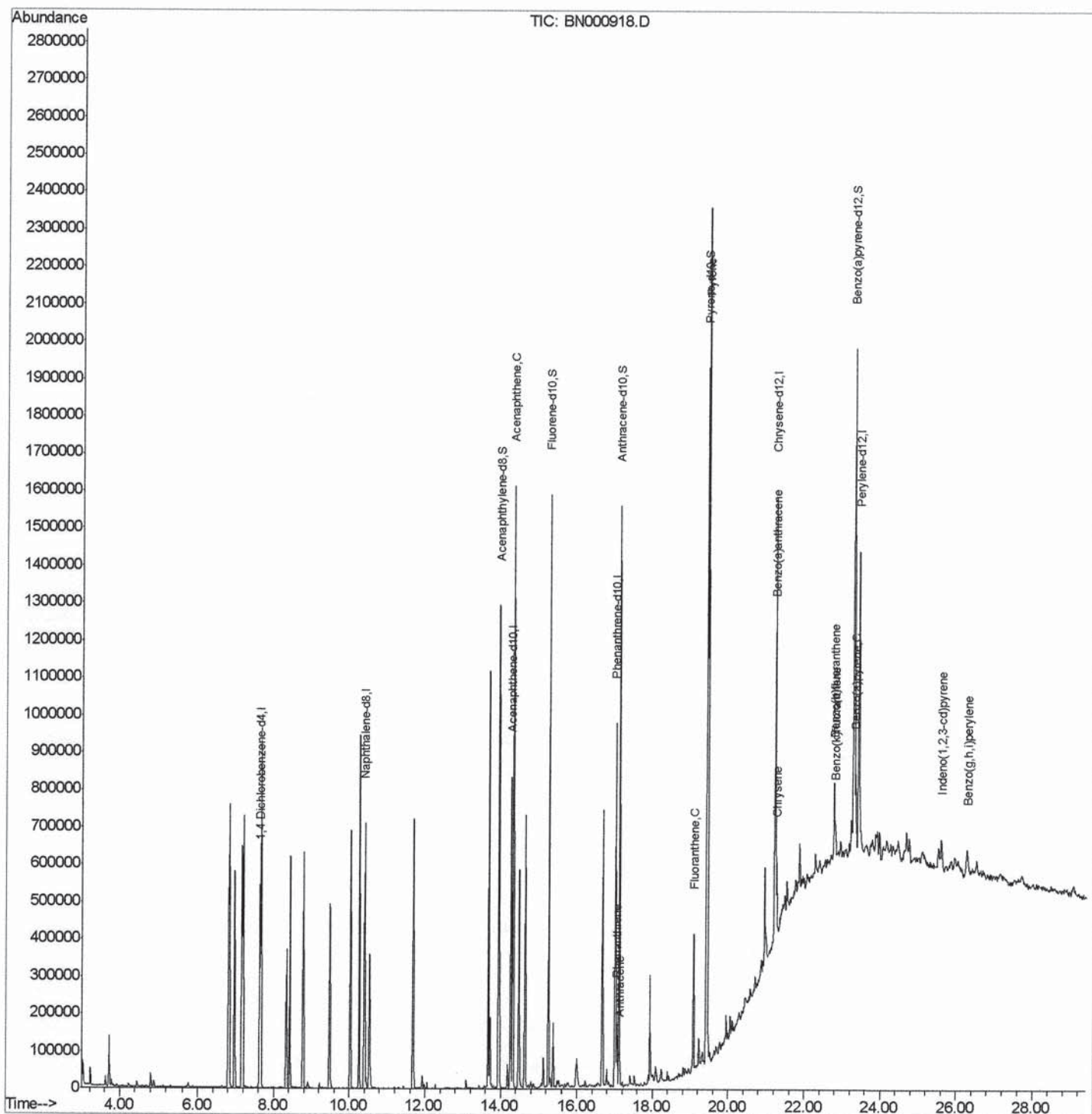
					Ovalue	
9) Acenaphthene	14.32	153	609303	30.483	ng/ul	96
13) Phenanthrene	17.05	178	94991	3.104	ng/ul	99
15) Anthracene	17.14	178	40052	1.305	ng/ul	98
16) Fluoranthene	19.07	202	258808	8.336	ng/ul	96
19) Pyrene	19.44	202	1184385m	36.389	ng/ul	
20) Benzo(a)anthracene	21.20	228	151800m	5.011	ng/ul	
21) Chrysene	21.25	228	131718m	4.626	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	171681m	5.485	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	51232m	1.673	ng/ul	
26) Benzo(a)pyrene	23.32	252	109387	3.657	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.59	276	72214	1.999	ng/ul#	86
29) Benzo(a,h,i)perylene	26.26	276	66485	2.200	ng/ul#	86

Handwritten note: } 2604/27/18

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000918.D
Acq On : 26 Apr 2018 06:49
Operator : JU/SJ
Sample : J2444-20MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

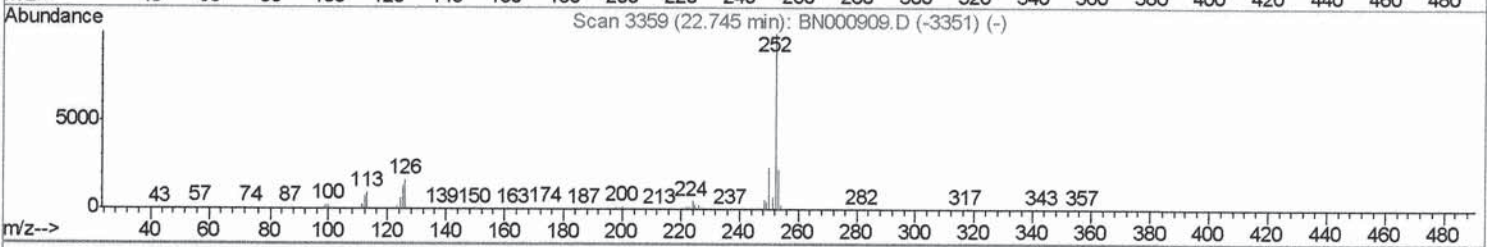
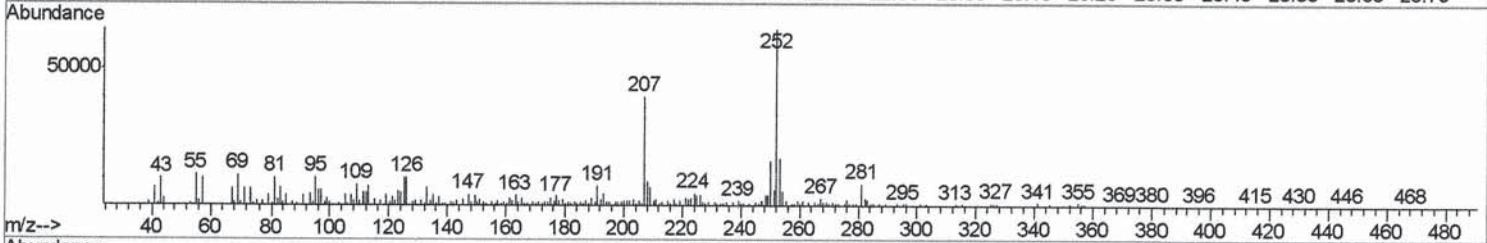
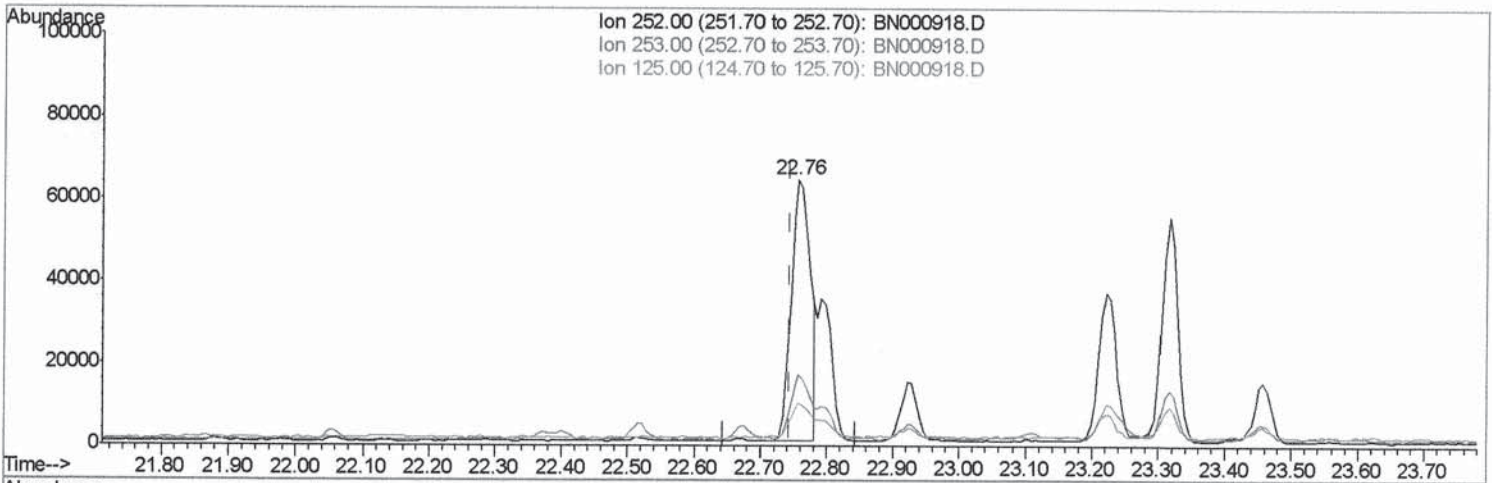
Quant Time: Apr 26 12:29:11 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000918.D
 Acq On : 26 Apr 2018 06:49
 Operator : JU/SJ
 Sample : J2444-20MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 26 12:26:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000918.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 4.28ng/ul

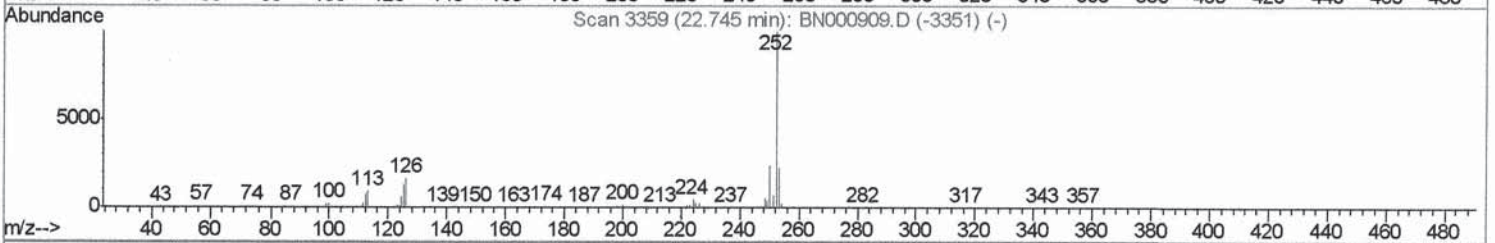
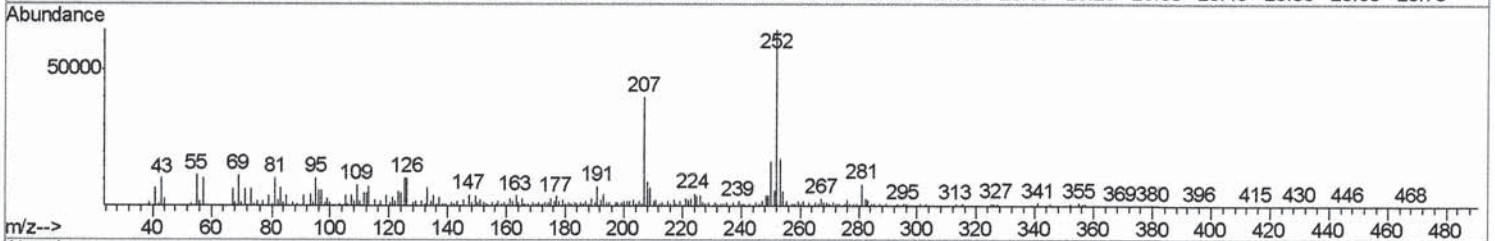
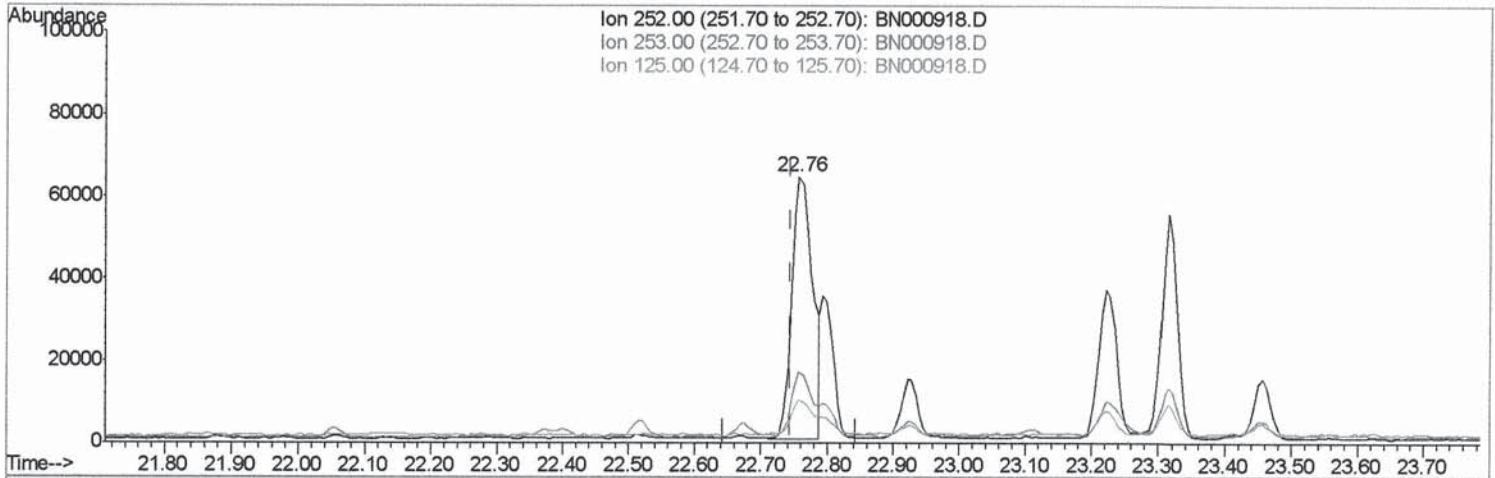
response 128382

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.96
125.00	10.00	16.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000918.D
 Acq On : 26 Apr 2018 06:49
 Operator : JU/SJ
 Sample : J2444-20MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 26 12:26:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000918.D

(23) Benzo(b)fluoranthene

22.757min (+0.012) 4.67ng/ul m

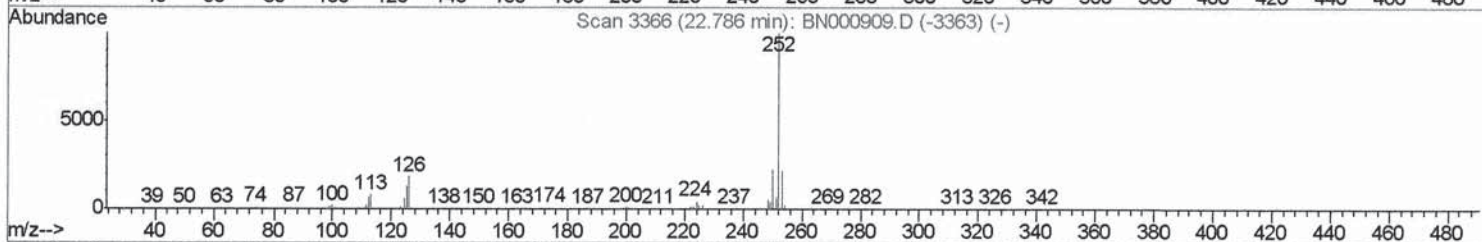
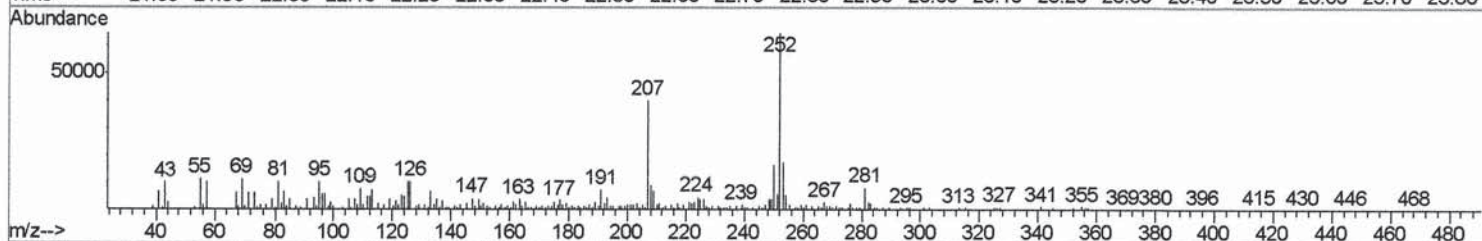
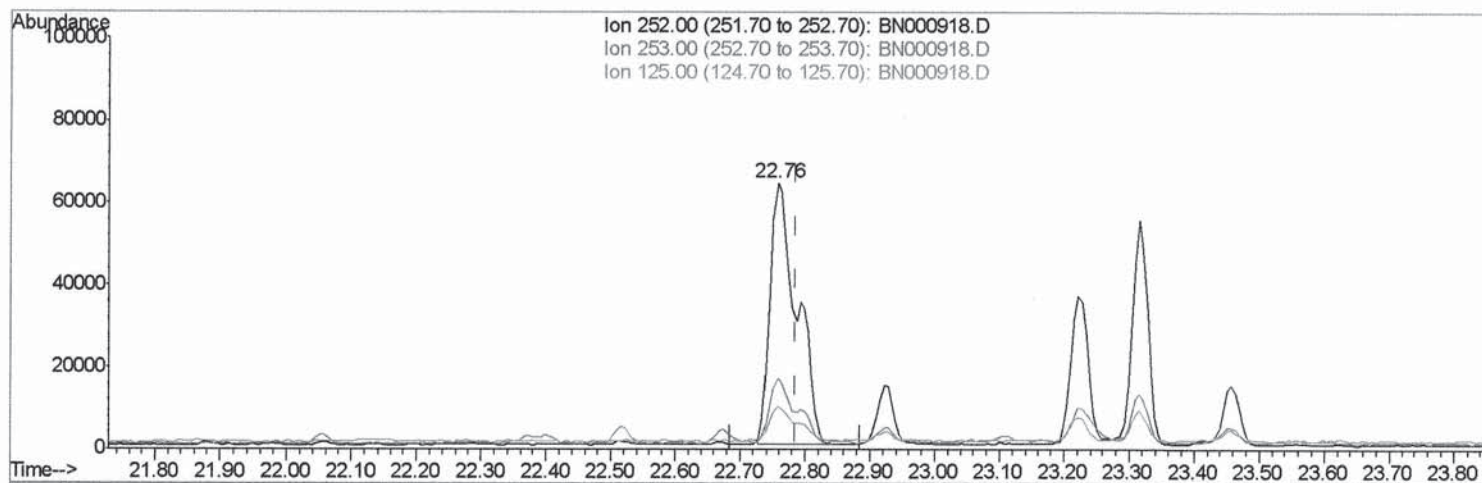
response 139883

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.96
125.00	10.00	16.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000918.D
Acq On : 26 Apr 2018 06:49
Operator : JU/SJ
Sample : J2444-20MSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 26 12:26:12 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000918.D

(24) Benzo(k)fluoranthene

22.757min (-0.029) 6.19ng/ui

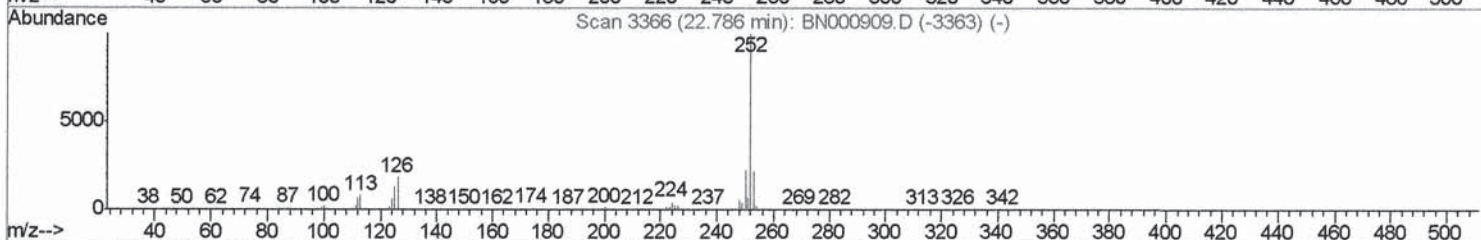
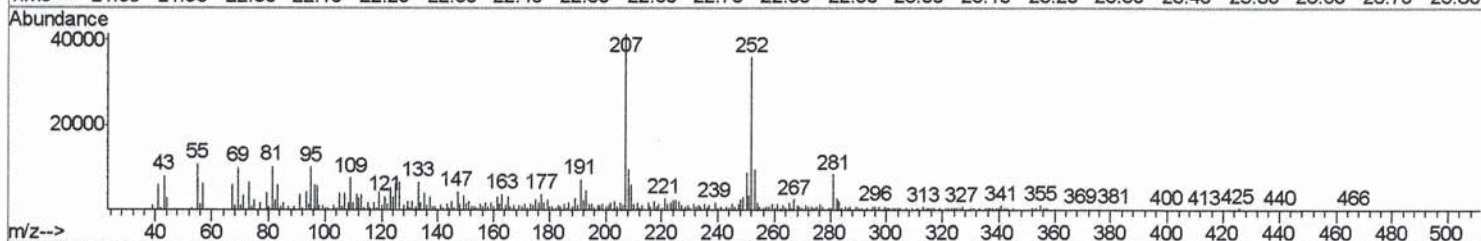
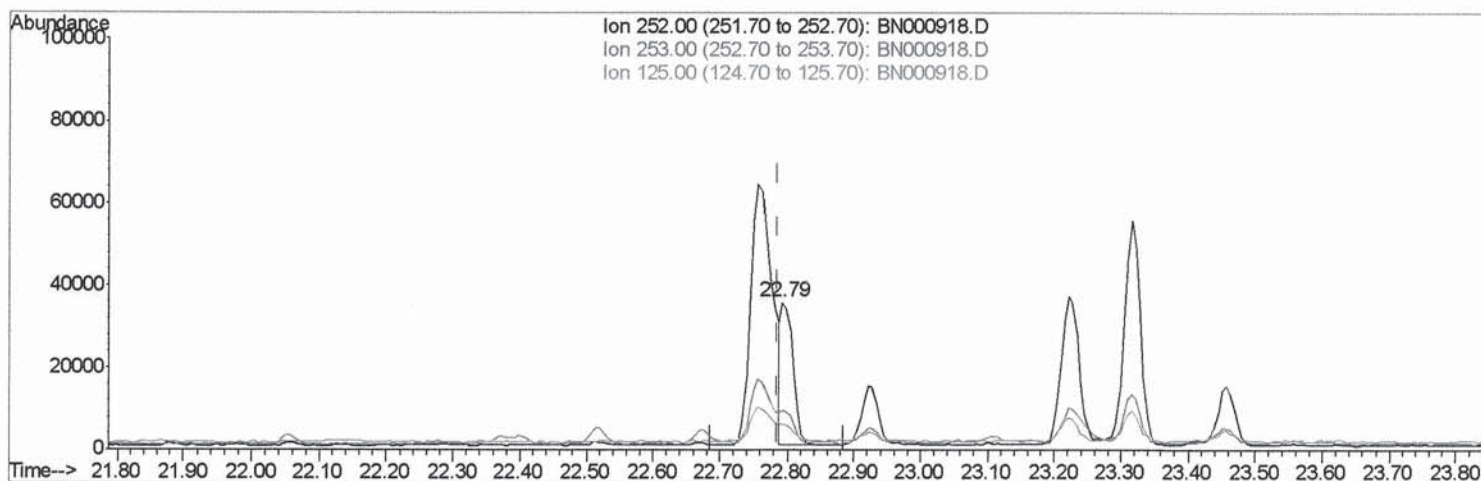
response 181677

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.96
125.00	10.10	16.36#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000918.D
 Acq On : 26 Apr 2018 06:49
 Operator : JU/SJ
 Sample : J2444-20MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 26 12:26:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000918.D

(24) Benzo(k)fluoranthene

22.792min (+0.006) 1.50ng/ul m

response 44041

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.25#
125.00	10.10	18.41#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000918.D
 Acq On : 26 Apr 2018 06:49
 Operator : JU/SJ
 Sample : J2444-20MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Quant Time: Apr 26 12:29:11 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	137037	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	551372	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	261256	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	515031	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	491514	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	527415	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	831826	33.15	ng/ul	0.00
10) Fluorene-d10	15.26	176	555222	33.15	ng/ul	0.00
14) Anthracene-d10	17.10	188	793891	33.71	ng/ul	0.00
18) Pyrene-d10	19.41	212	846987	33.63	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	912863	36.64	ng/ul	0.02

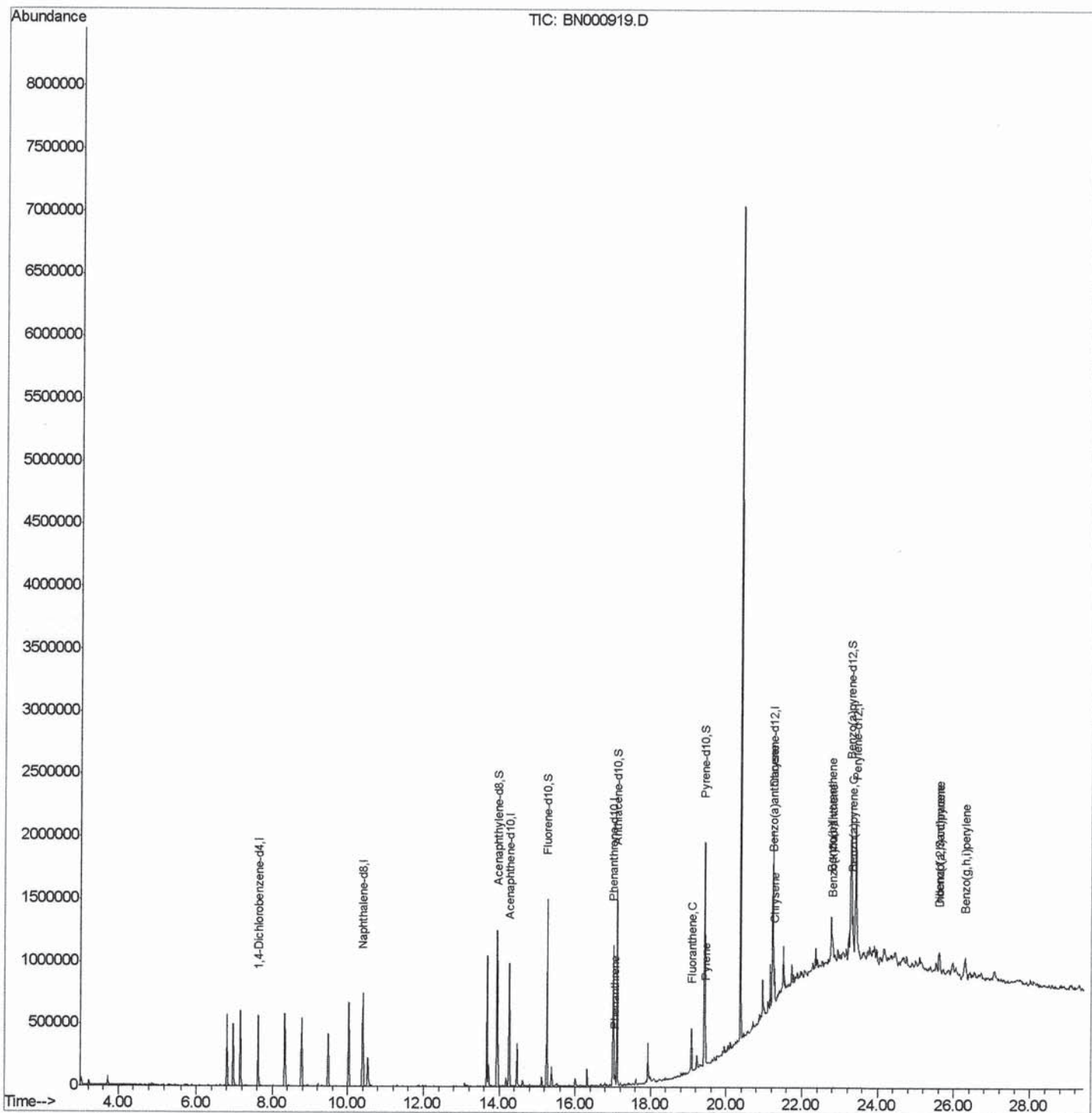
Target Compounds

						Qvalue
9) Acenaphthene	14.32	153	603769	35.189	ng/ul	96
13) Phenanthrene	17.05	178	95570	3.402	ng/ul	99
15) Anthracene	17.14	178	33137	1.176	ng/ul	97
16) Fluoranthene	19.07	202	201056	7.055	ng/ul	96
19) Pyrene	19.44	202	1239543	39.262	ng/ul#	90
20) Benzo(a)anthracene	21.20	228	113991	3.880	ng/ul	93
21) Chrysene	21.25	228	104614	3.788	ng/ul	96
23) Benzo(b)fluoranthene	22.76	252	139883m	4.667	ng/ul	
24) Benzo(k)fluoranthene	22.79	252	44041m	1.502	ng/ul	
26) Benzo(a)pyrene	23.32	252	90974	3.176	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	25.59	276	62688	1.812	ng/ul#	85
29) Benzo(g,h,i)perylene	26.26	276	61368	2.121	ng/ul#	89

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000919.D
Acq On : 26 Apr 2018 07:23
Operator : JU/SJ
Sample : J2443-14
Misc :
ALS Vial : 28 Sample Multiplier: 1

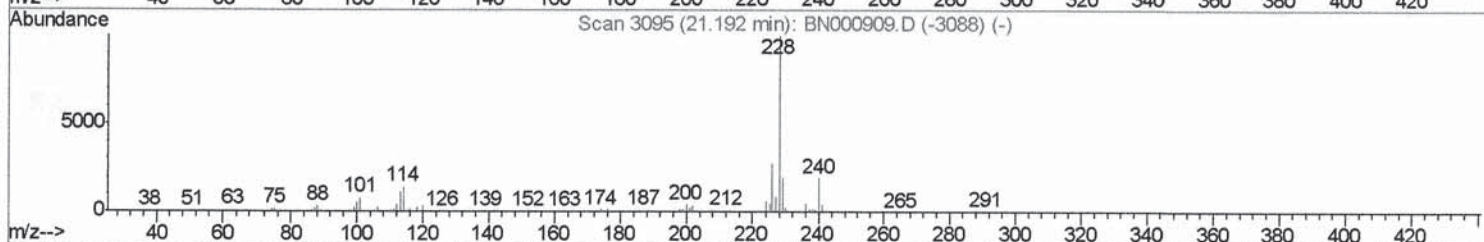
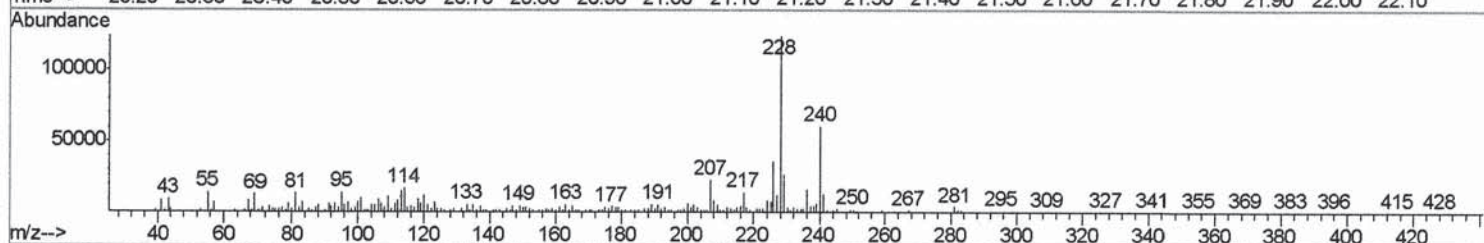
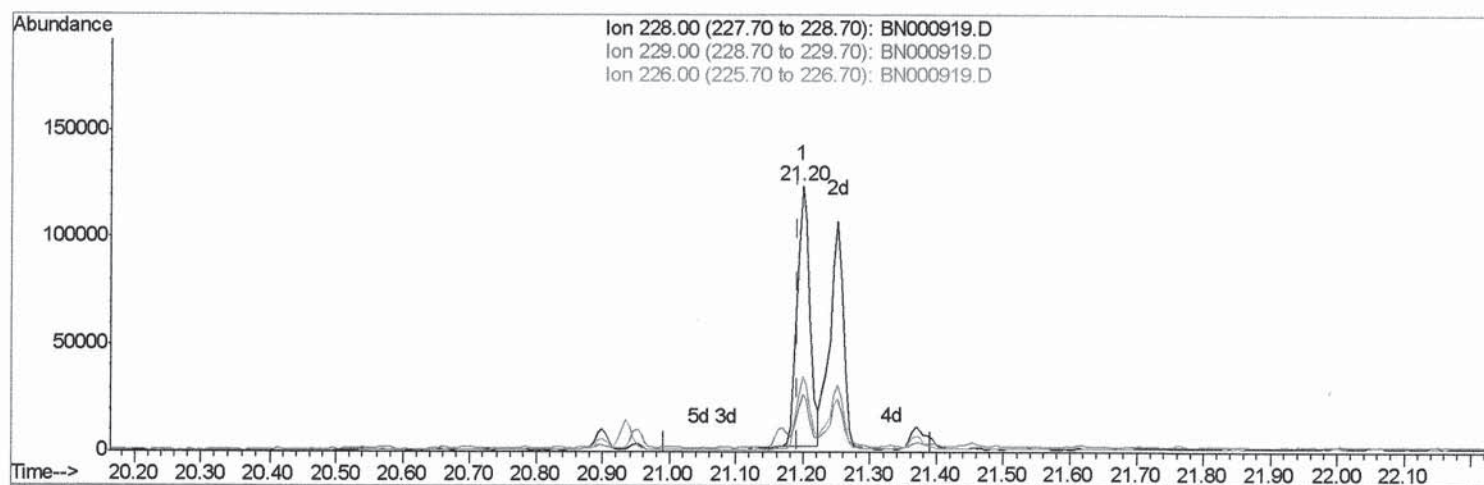
Quant Time: Apr 26 09:02:04 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000919.D

(20) Benzo(a)anthracene

21.198min (+0.006) 4.95ng/ul

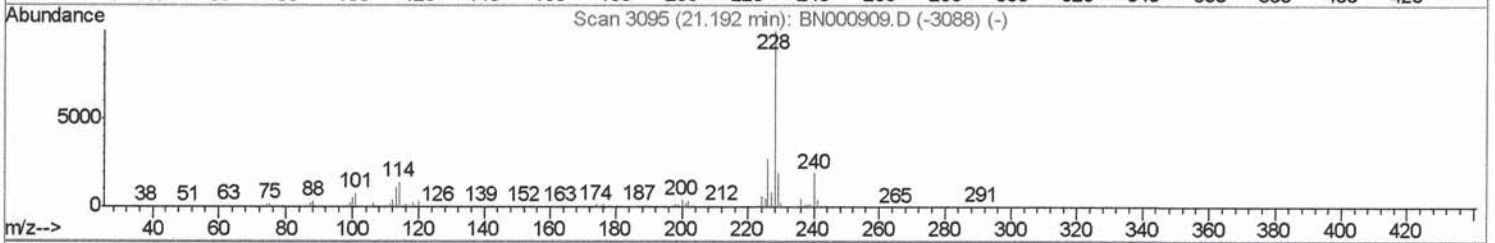
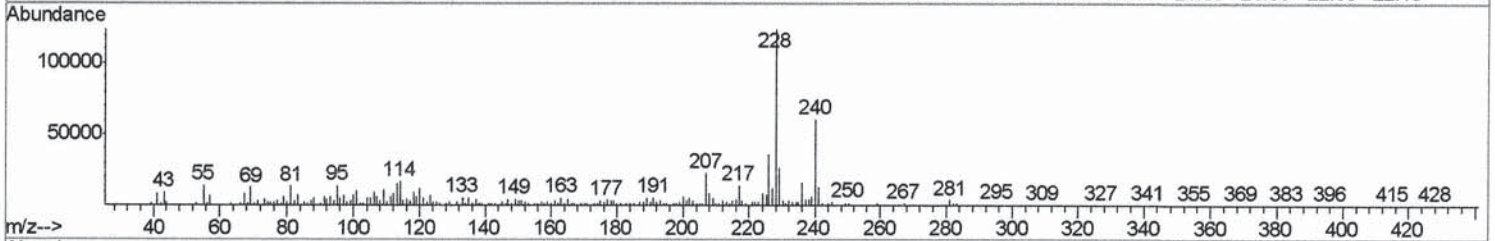
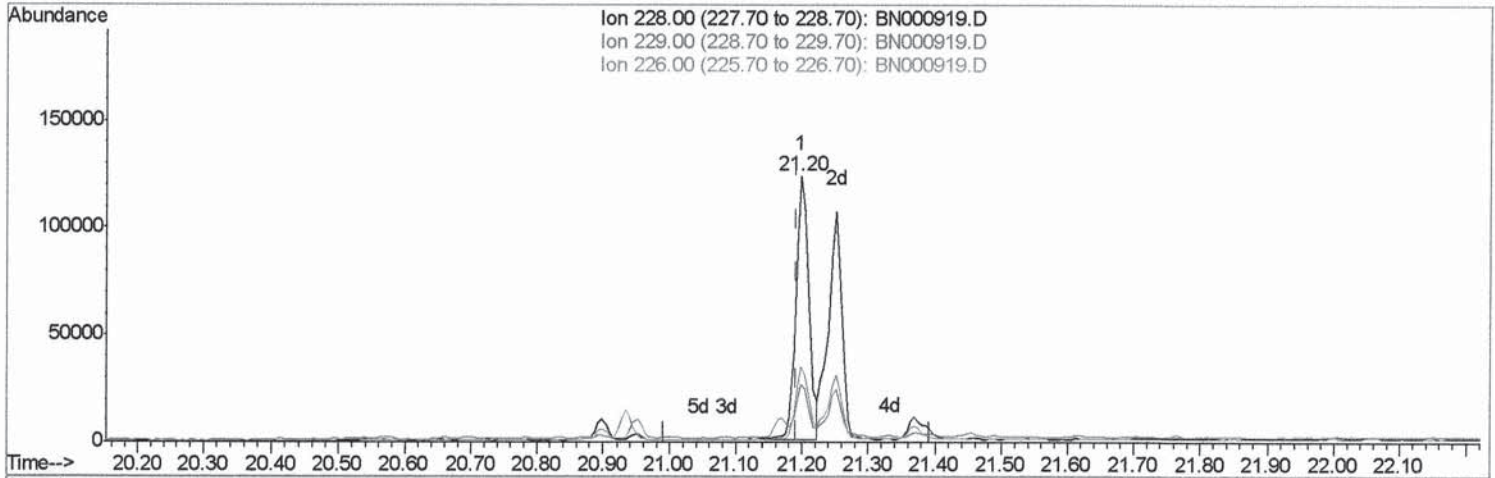
response 163432

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.65
226.00	26.40	28.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000919.D

(20) Benzo(a)anthracene

21.198min (+0.006) 5.17ng/ul m

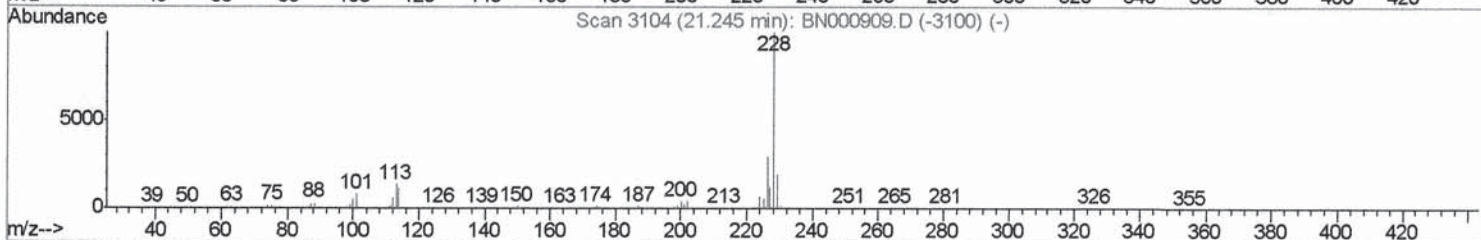
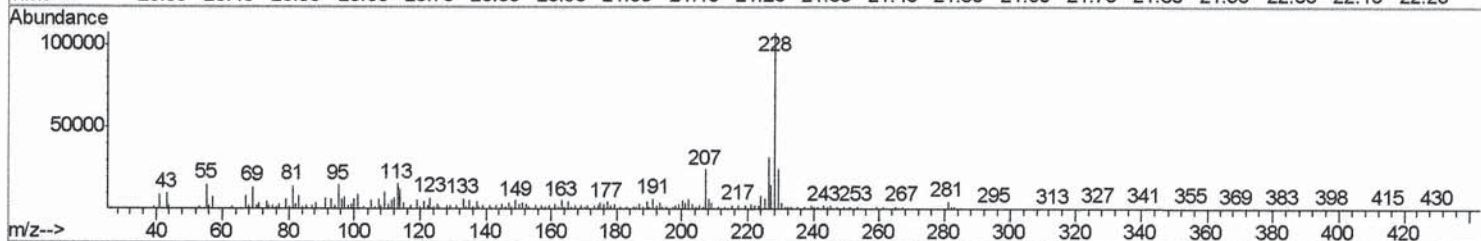
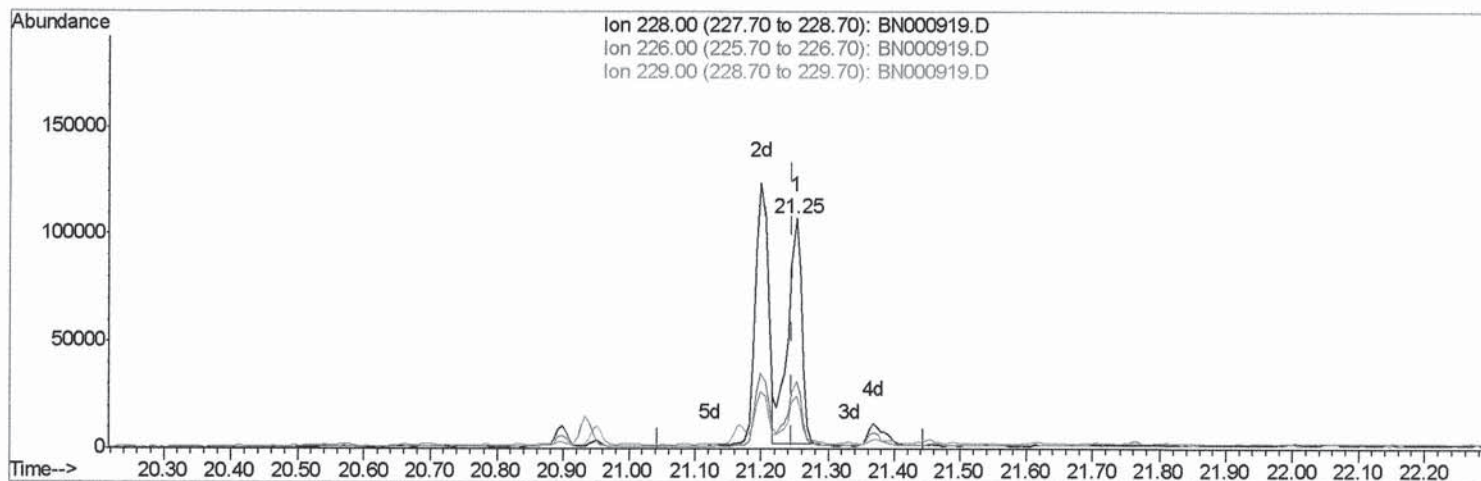
response 170476

Ion	Exp%	Act%
228.00	100	100
229.00	19.60	21.65
226.00	26.40	28.63
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000919.D

(21) Chrysene

21.251min (+0.006) 5.00ng/ul

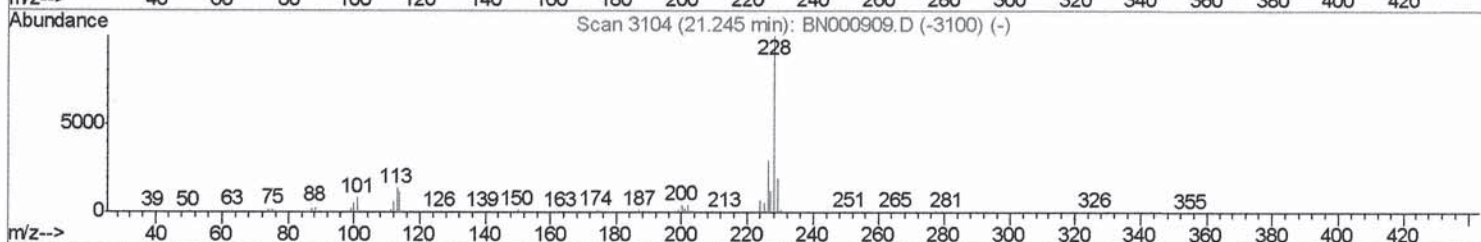
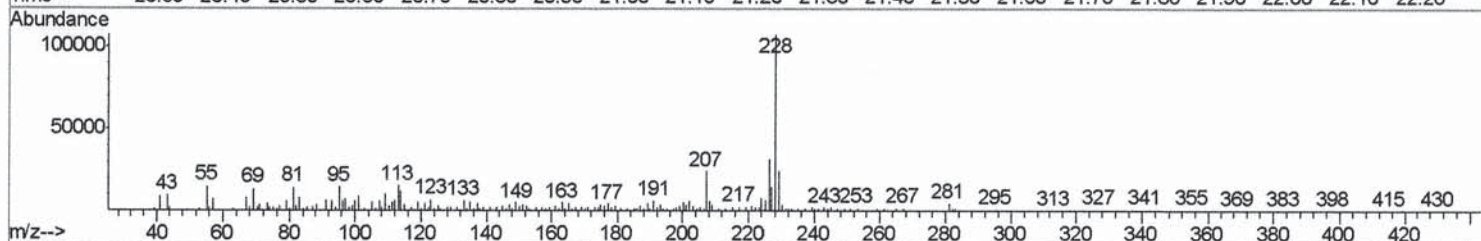
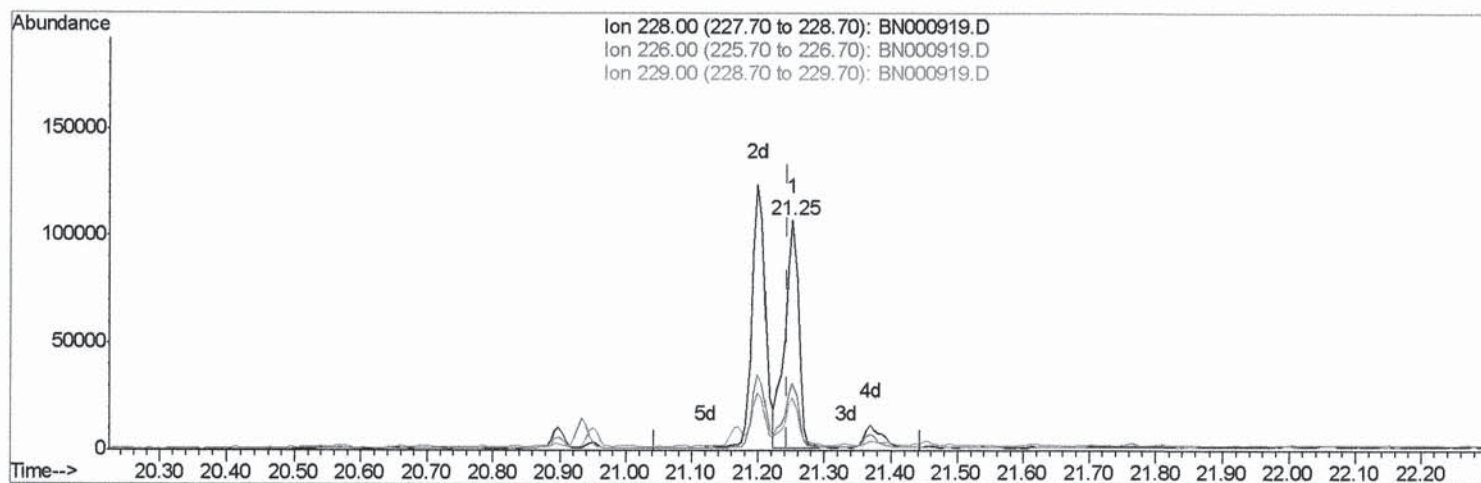
response 155066

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.64
229.00	19.80	22.93
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000919.D

(21) Chrysene

21.251min (+0.006) 4.92ng/ul m

response 152520

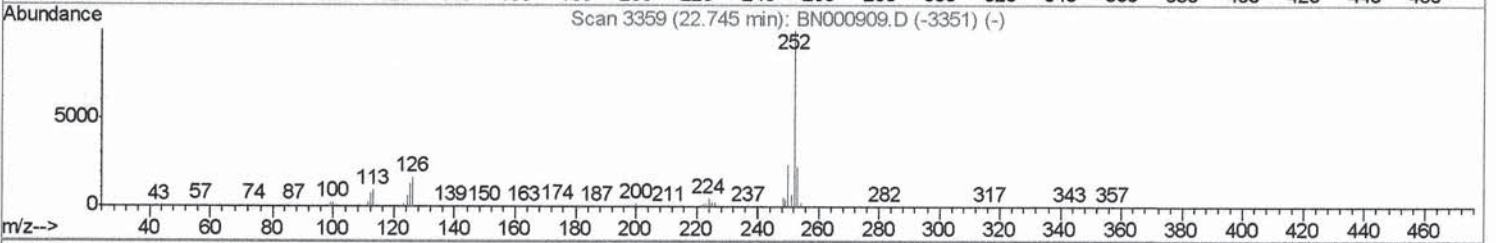
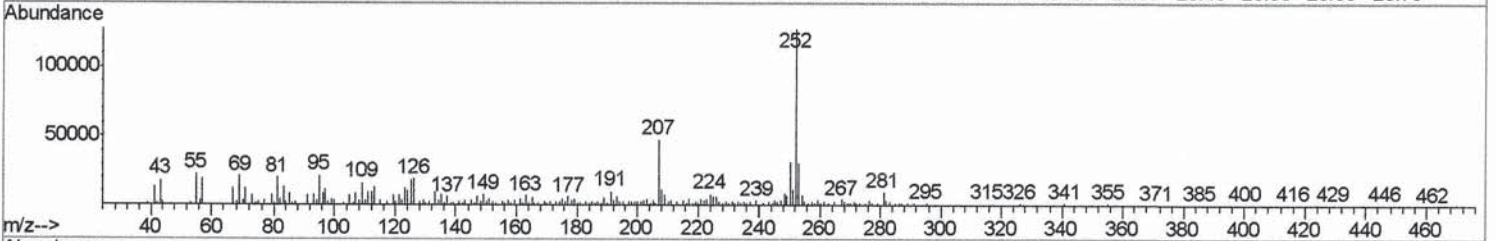
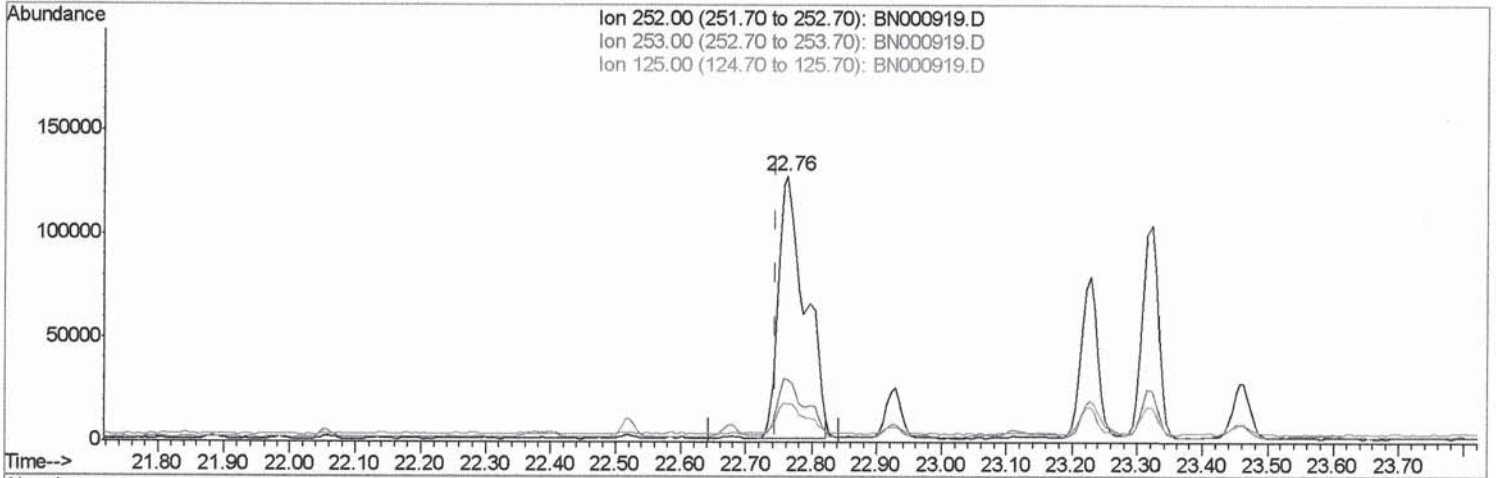
Ion	Exp%	Act%
228.00	100	100
226.00	30.60	29.64
229.00	19.80	22.93
0.00	0.00	0.00

Handwritten signature: JU/SJ 4/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000919.D

(23) Benzo(b)fluoranthene

22.763min (+0.018) 10.67ng/ul

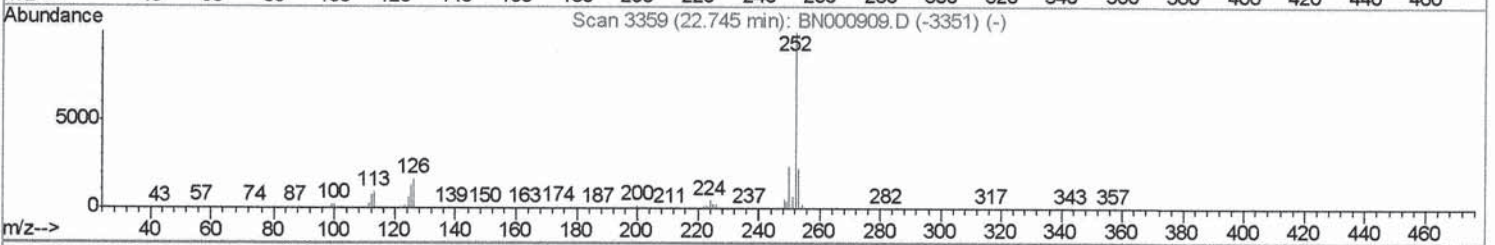
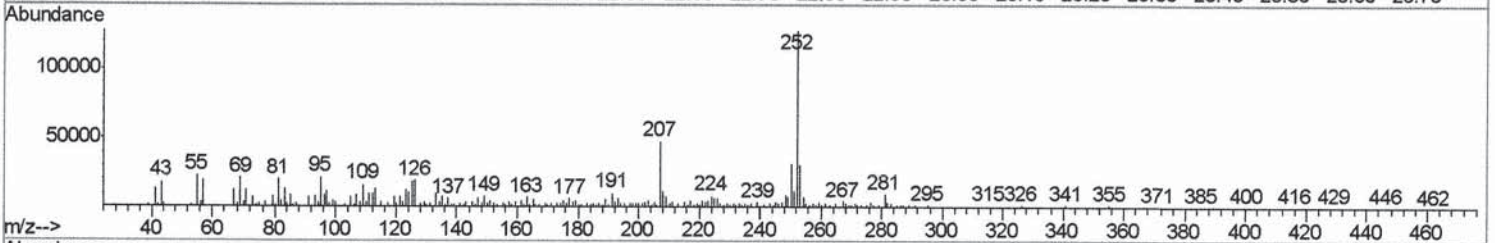
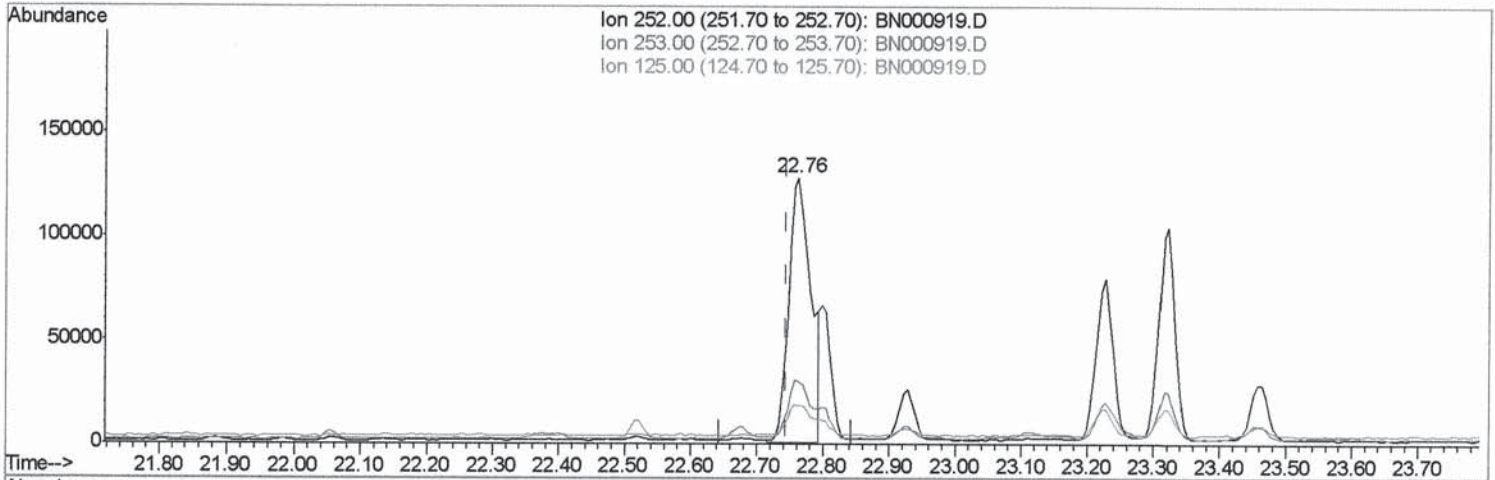
response 360475

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.85
125.00	10.00	14.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000919.D

(23) Benzo(b)fluoranthene

22.763min (+0.018) 8.73ng/ul m

response 295078

Ion Exp% Act%

252.00 100 100

253.00 22.50 23.85

125.00 10.00 14.68#

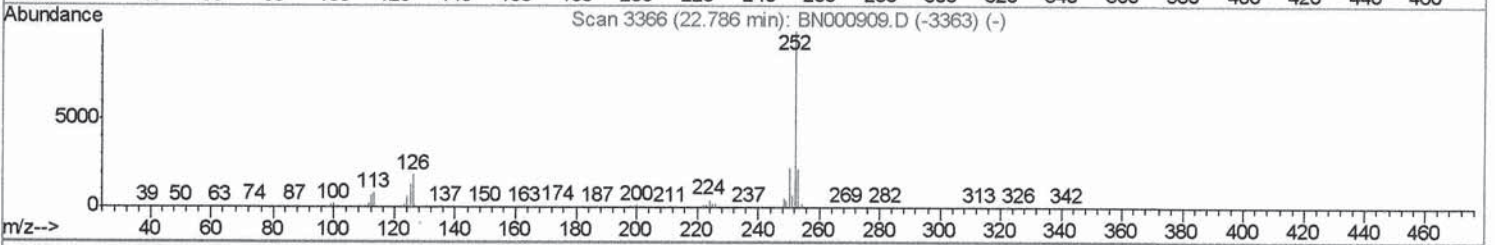
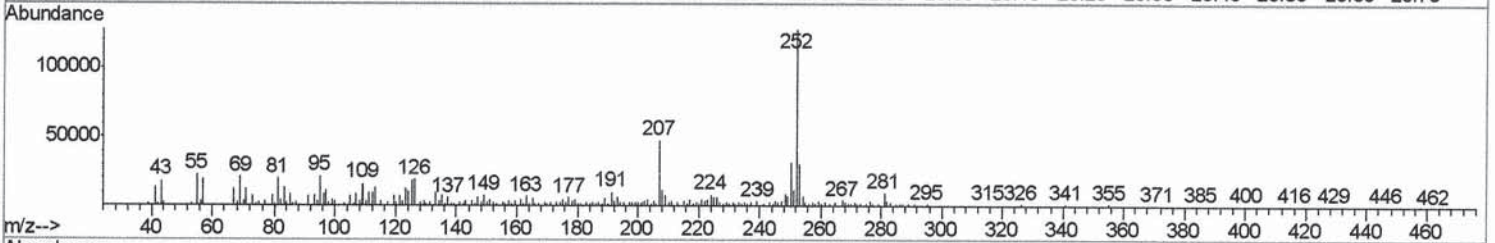
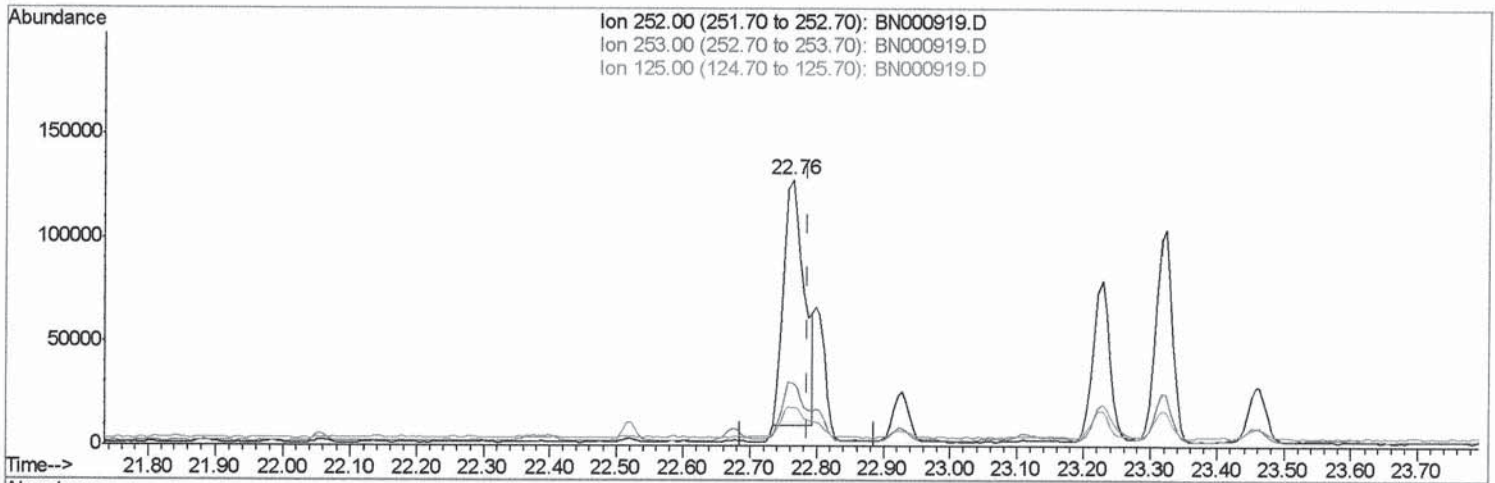
0.00 0.00 0.00

JU/SJ 27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000919.D

(24) Benzo(k)fluoranthene

22.763min (-0.023) 7.82ng/ui

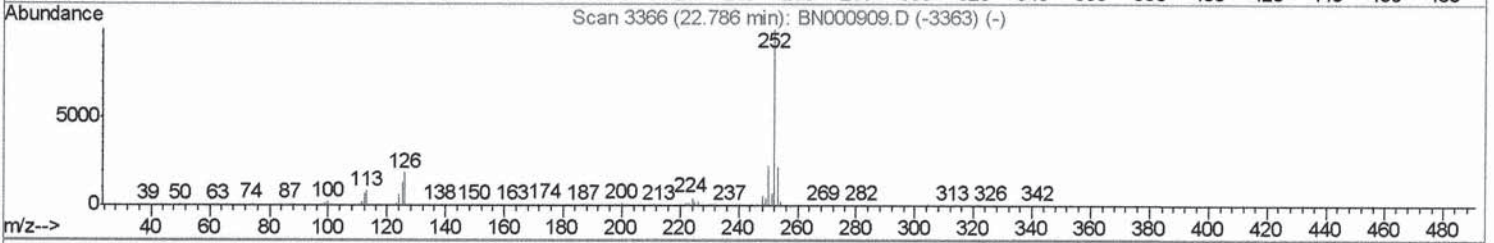
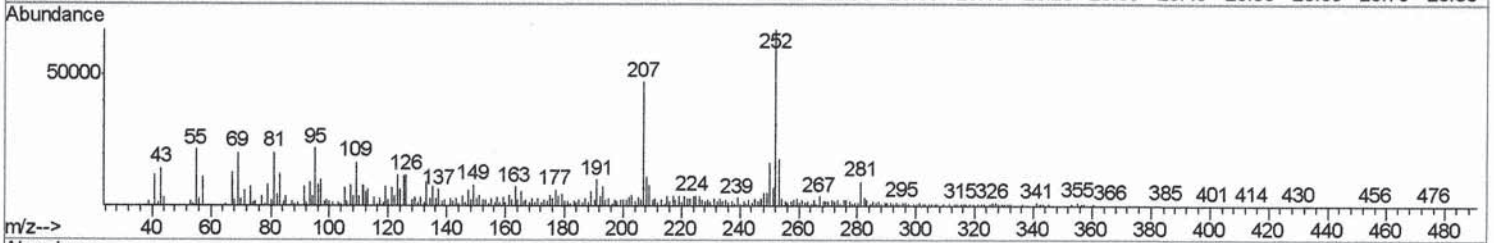
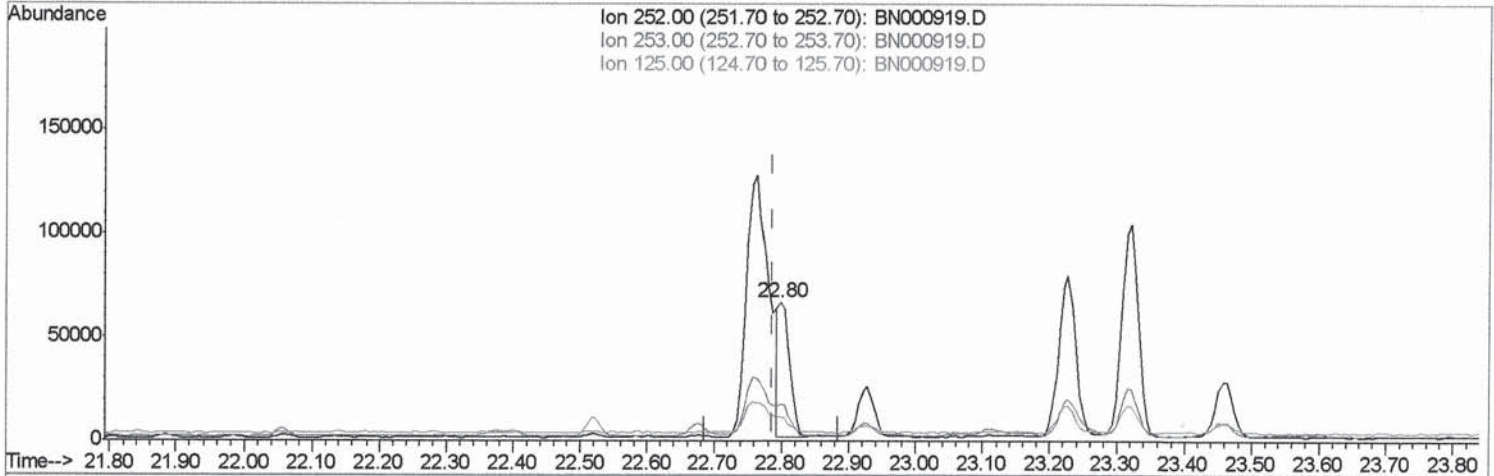
response 258447

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	23.85
125.00	10.10	14.68#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 08:39:17 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000919.D

(24) Benzo(k)fluoranthene

22.798min (+0.012) 2.17ng/ul m

response 71759

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	27.12#
125.00	10.10	17.47#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000919.D
 Acq On : 26 Apr 2018 07:23
 Operator : JU/SJ
 Sample : J2443-14
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Quant Time: Apr 26 09:02:04 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	145659	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	594890	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	294538	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	603568	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	551972	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	594439	20.00	ng/ul	0.02

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	847536	29.96	ng/ul	0.00
10) Fluorene-d10	15.26	176	545341	28.88	ng/ul	0.00
14) Anthracene-d10	17.10	188	810212	29.35	ng/ul	0.00
18) Pyrene-d10	19.41	212	835153	29.53	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	795695	28.34	ng/ul	0.02

Target Compounds

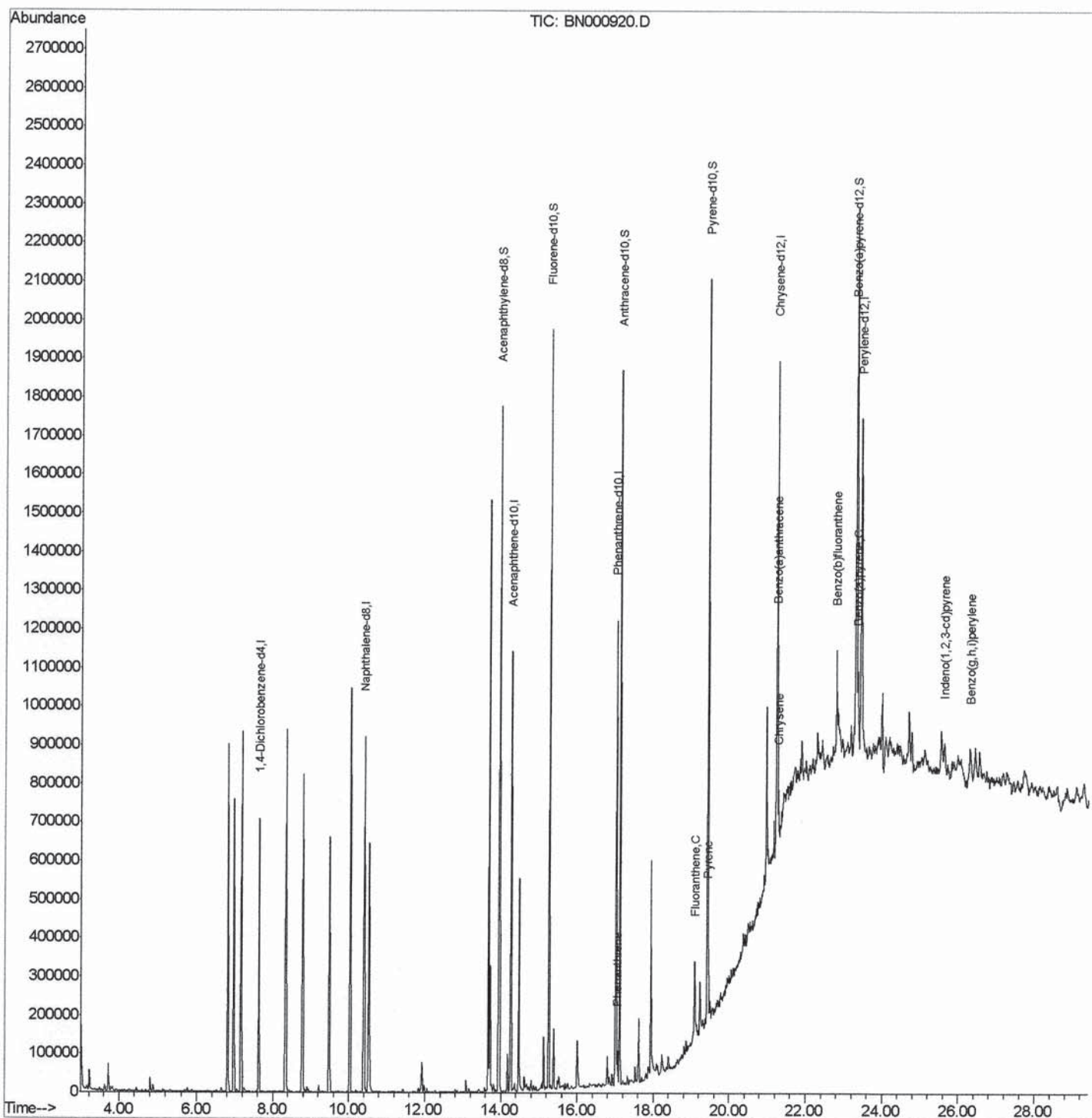
					Ovalue	
13) Phenanthrene	17.05	178	52556	1.597	ng/ul	100
16) Fluoranthene	19.07	202	193482	5.793	ng/ul	96
19) Pyrene	19.44	202	162941	4.596	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	170476m	5.167	ng/ul	
21) Chrysene	21.25	228	152520m	4.918	ng/ul	
23) Benzo(b)fluoranthene	22.76	252	295078m	8.735	ng/ul	
24) Benzo(k)fluoranthene	22.80	252	71759m	2.171	ng/ul	
26) Benzo(a)pyrene	23.32	252	173949	5.388	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.60	276	134830	3.458	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.61	278	39701	1.222	ng/ul#	67
29) Benzo(a,h,i)perylene	26.27	276	124785	3.826	ng/ul#	91

Handwritten note: 7/24/18

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000920.D
Acq On : 26 Apr 2018 07:58
Operator : JU/SJ
Sample : J2485-20
Misc :
ALS Vial : 29 Sample Multiplier: 1

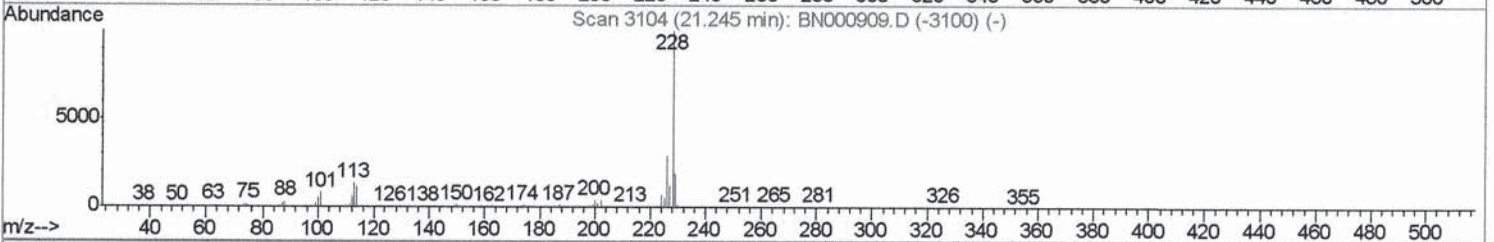
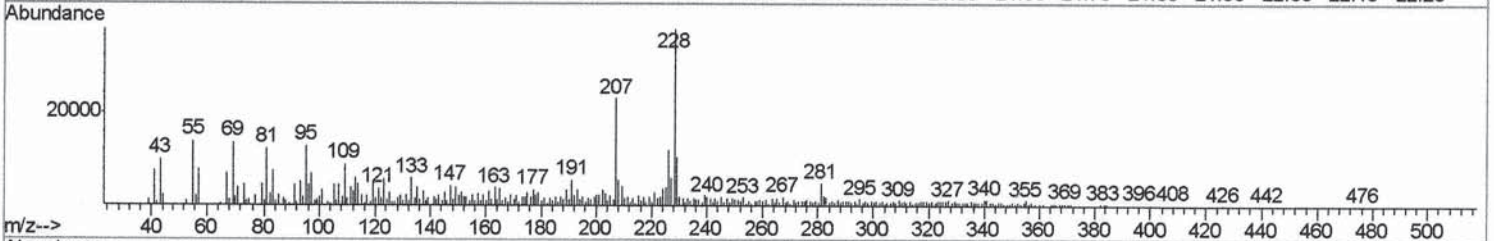
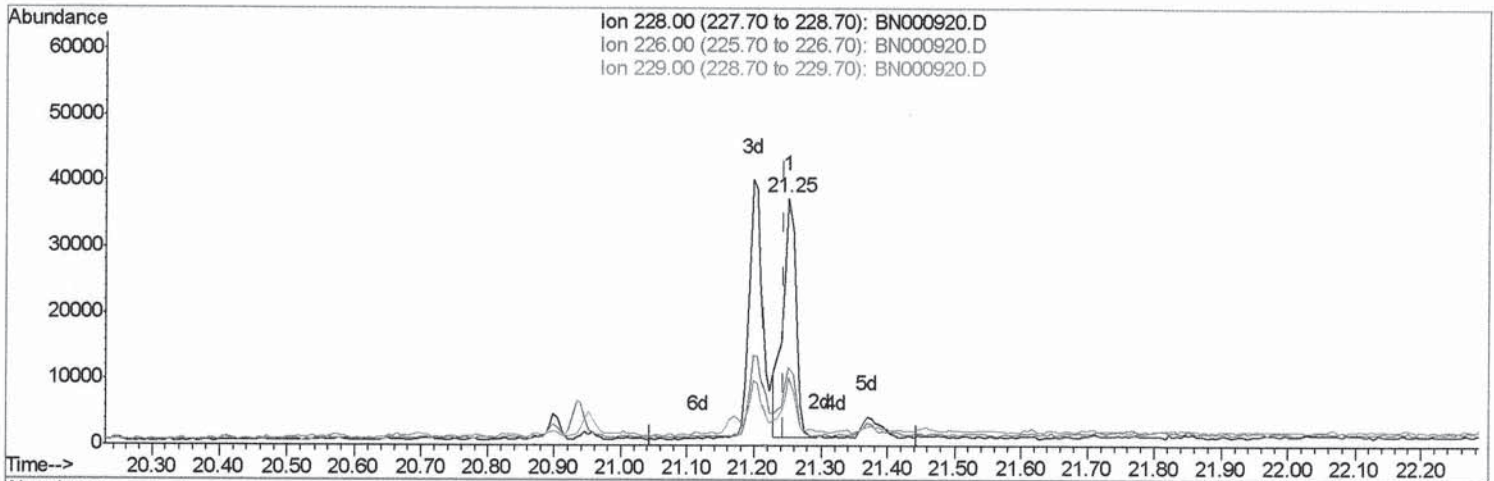
Quant Time: Apr 26 09:05:10 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000920.D
 Acq On : 26 Apr 2018 07:58
 Operator : JU/SJ
 Sample : J2485-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 26 08:39:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000920.D

(21) Chrysene

21.251min (+0.006) 1.71ng/ul

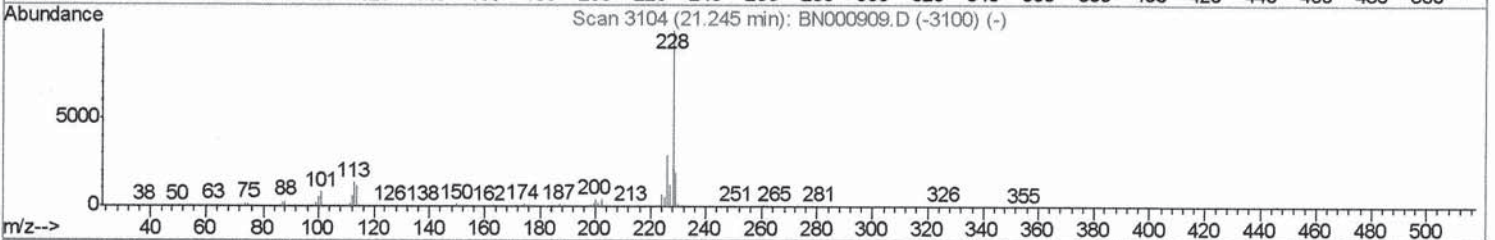
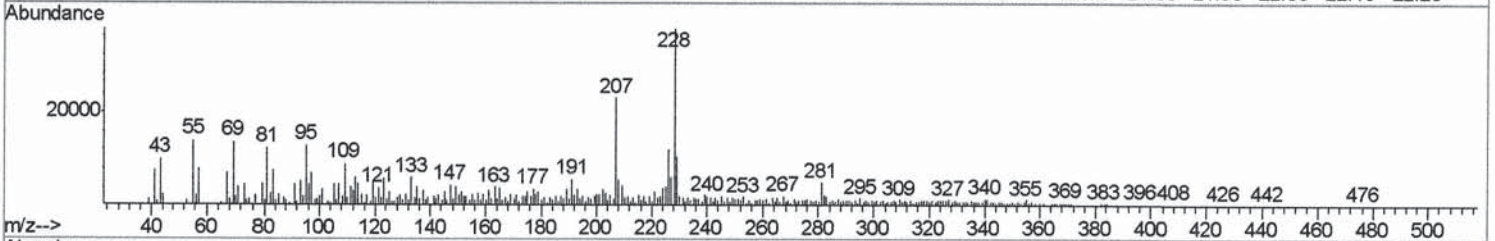
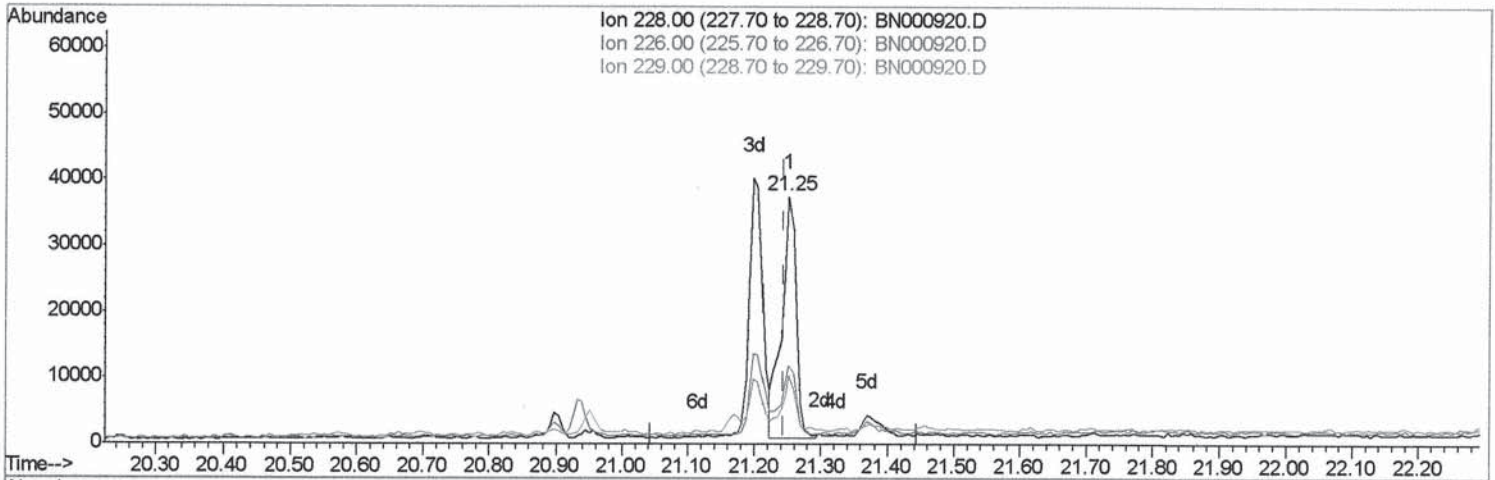
response 49262

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.80
229.00	19.80	27.74#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000920.D
 Acq On : 26 Apr 2018 07:58
 Operator : JU/SJ
 Sample : J2485-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 26 08:39:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000920.D

(21) Chrysene

21.251min (+0.006) 1.90ng/ul m

response 54598

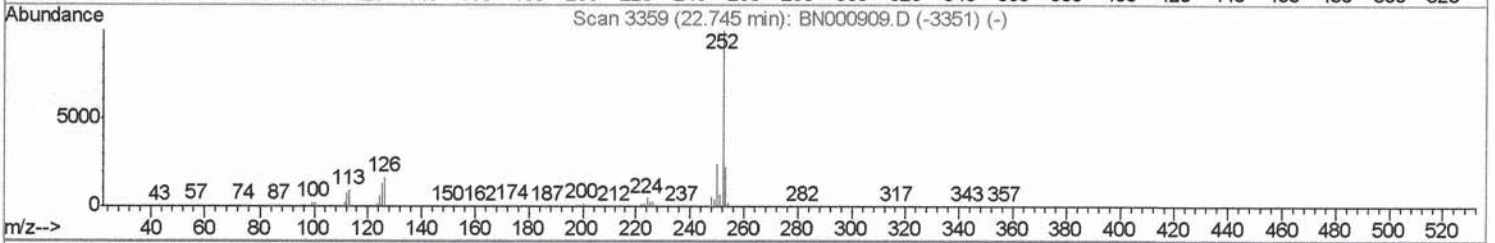
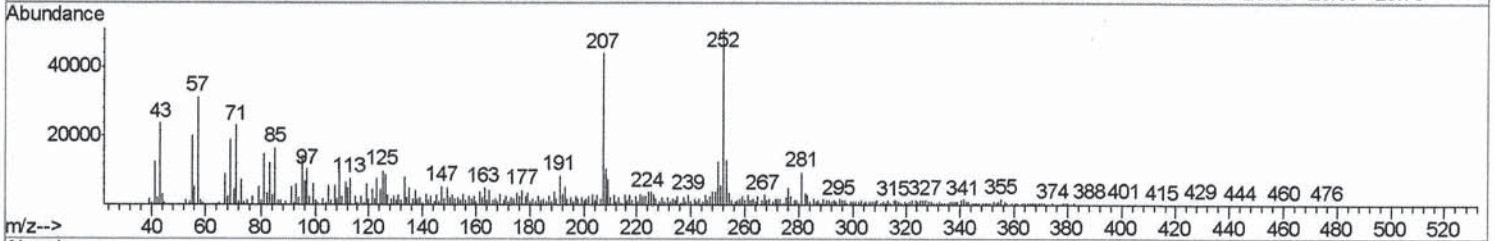
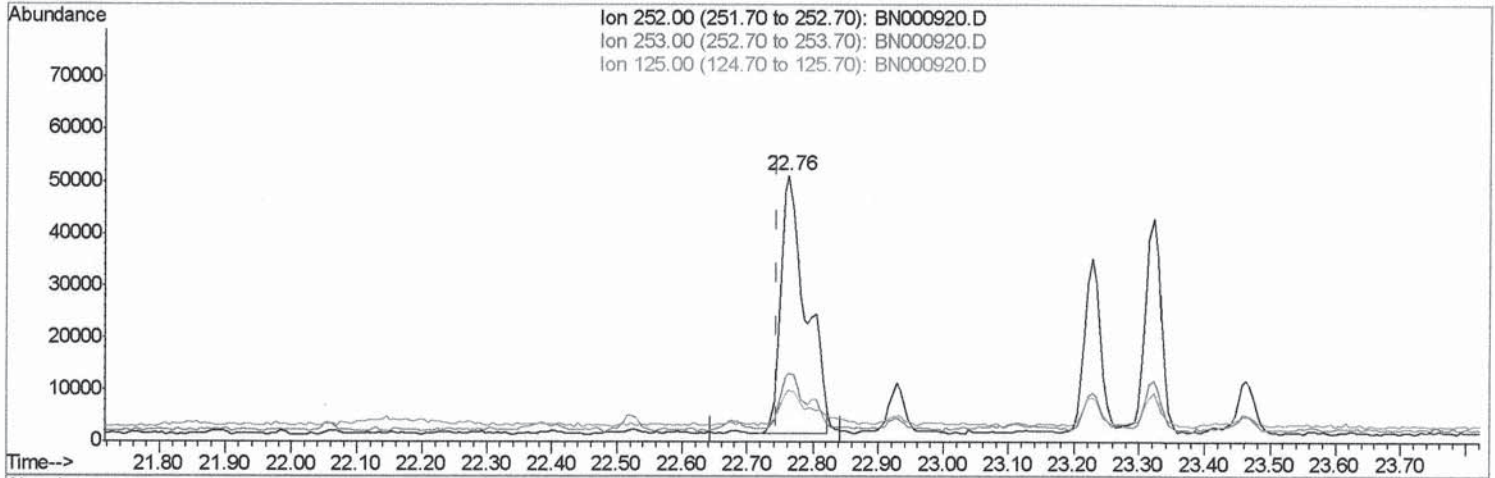
Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.80
229.00	19.80	27.74#
0.00	0.00	0.00

JU 04/27/18

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000920.D
 Acq On : 26 Apr 2018 07:58
 Operator : JU/SJ
 Sample : J2485-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 26 08:39:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000920.D

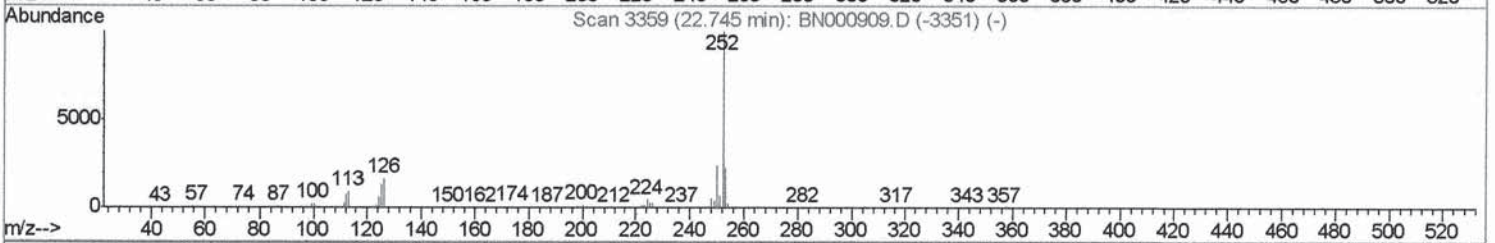
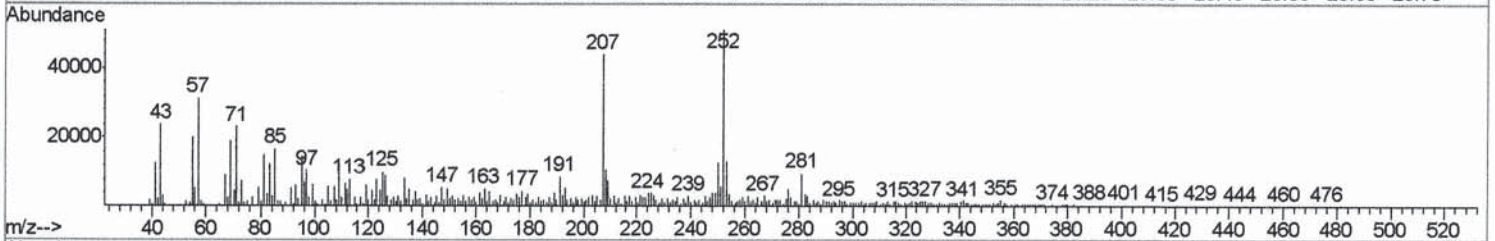
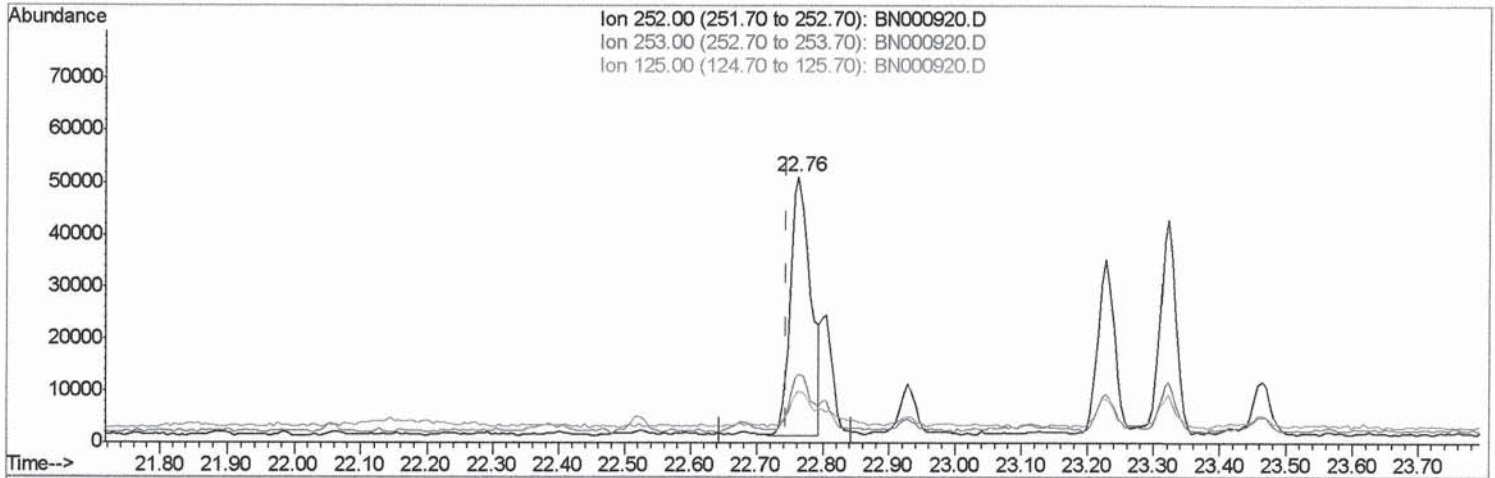
(23) Benzo(b)fluoranthene
 22.763min (+0.018) 4.16ng/ul
 response 132462

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.04
125.00	10.00	19.69#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000920.D
 Acq On : 26 Apr 2018 07:58
 Operator : JU/SJ
 Sample : J2485-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Quant Time: Apr 26 08:39:28 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000920.D

(23) Benzo(b)fluoranthene

22.763min (+0.018) 3.34ng/ul m

response 106360

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.04
125.00	10.00	19.69#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000920.D
 Acq On : 26 Apr 2018 07:58
 Operator : JU/SJ
 Sample : J2485-20
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

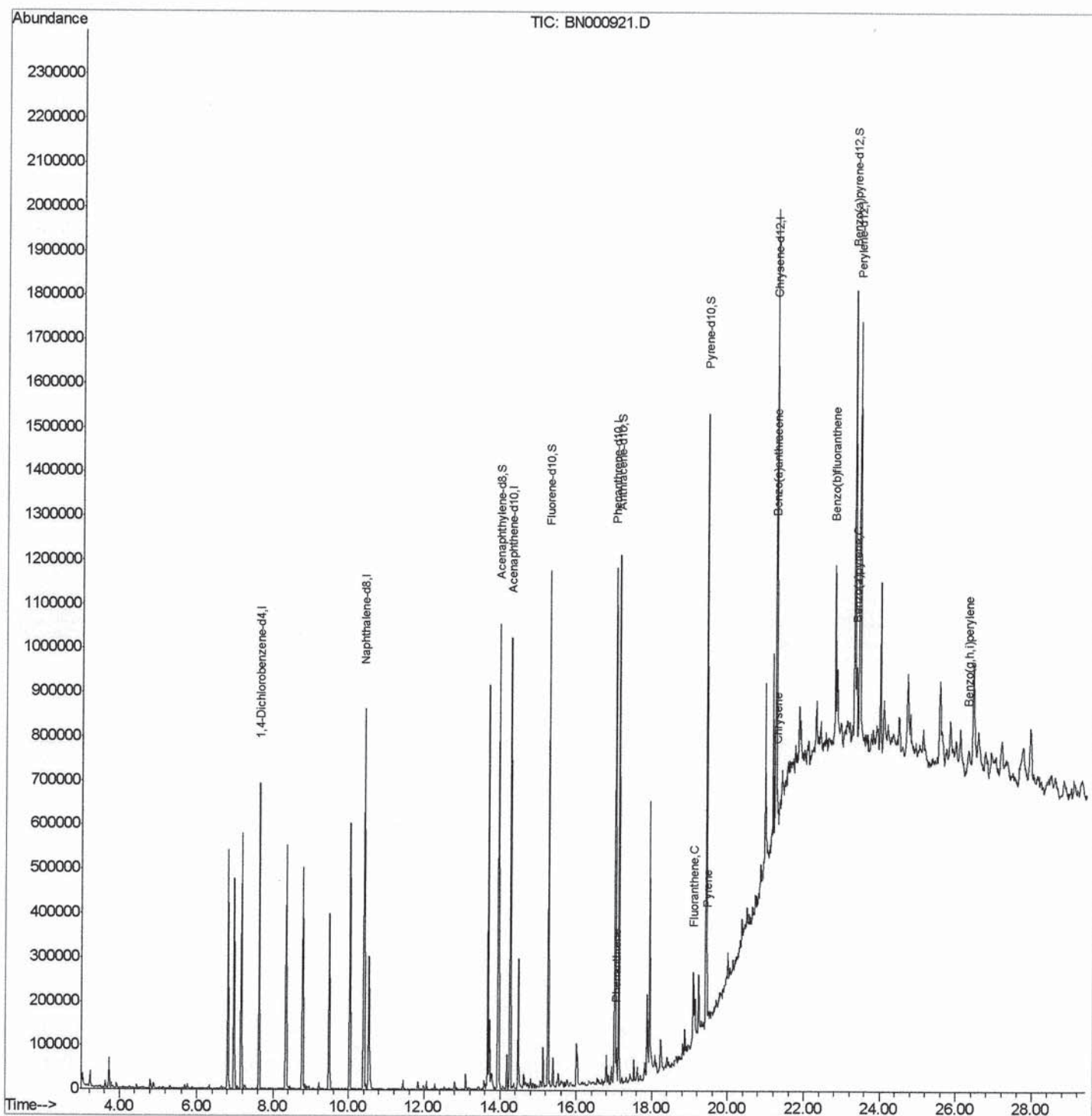
Quant Time: Apr 26 09:05:10 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	174437	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	731747	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	347859	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	616731	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	511829	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	560429	20.00	ng/ul	0.02
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	1095266	32.78	ng/ul	0.01
10) Fluorene-d10	15.26	176	724138	32.47	ng/ul	0.00
14) Anthracene-d10	17.11	188	935261	33.16	ng/ul	0.01
18) Pyrene-d10	19.42	212	896567	34.19	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.28	264	953849	36.03	ng/ul	0.02
Target Compounds						
					Ovalue	
13) Phenanthrene	17.05	178	47721	1.419	ng/ul	99
16) Fluoranthene	19.07	202	96092	2.816	ng/ul#	94
19) Pyrene	19.44	202	81181	2.469	ng/ul#	88
20) Benzo(a)anthracene	21.20	228	54103	1.768	ng/ul#	87
21) Chrysene	21.25	228	54598m	1.899	ng/ul	} JUCAP 27/18
23) Benzo(b)fluoranthene	22.76	252	106360m	3.339	ng/ul	
26) Benzo(a)pyrene	23.32	252	69900	2.296	ng/ul#	
27) Indeno(1,2,3-cd)pyrene	25.60	276	69073	1.879	ng/ul#	80
29) Benzo(g,h,i)perylene	26.27	276	66305	2.156	ng/ul#	85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000921.D
Acq On : 26 Apr 2018 08:32
Operator : JU/SJ
Sample : J2443-01
Misc :
ALS Vial : 30 Sample Multiplier: 1

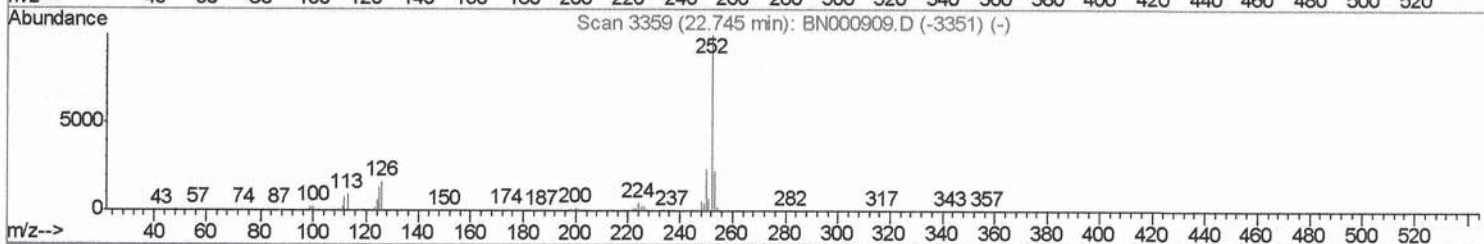
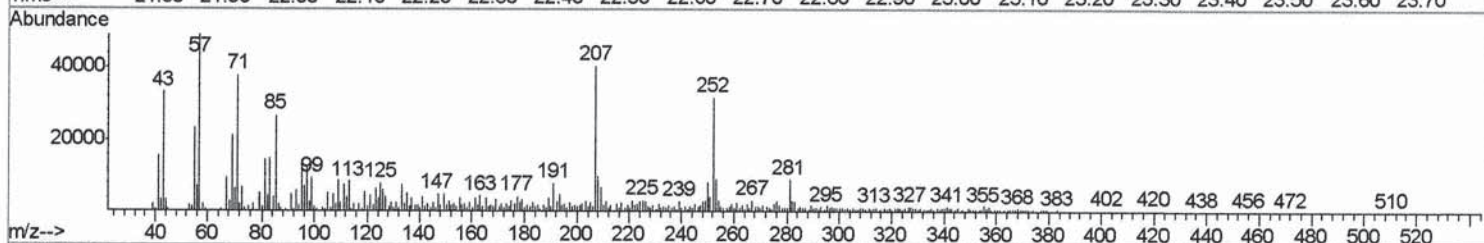
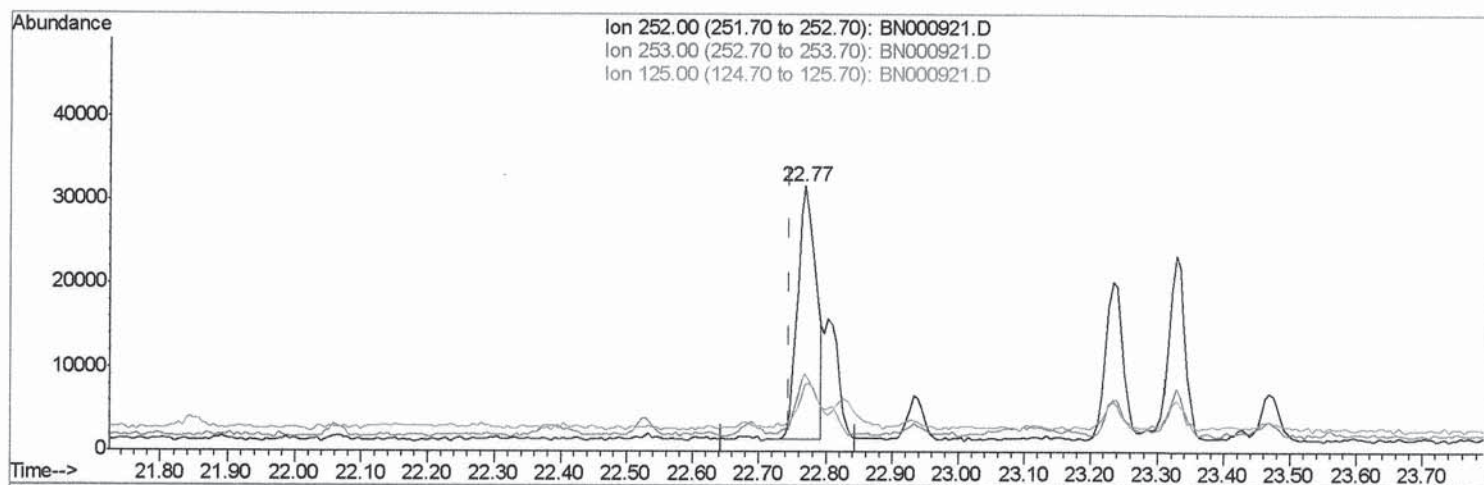
Quant Time: Apr 26 12:36:57 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000921.D
 Acq On : 26 Apr 2018 08:32
 Operator : JU/SJ
 Sample : J2443-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 26 12:32:47 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000921.D

(23) Benzo(b)fluoranthene

22.768min (+0.023) 1.66ng/ul

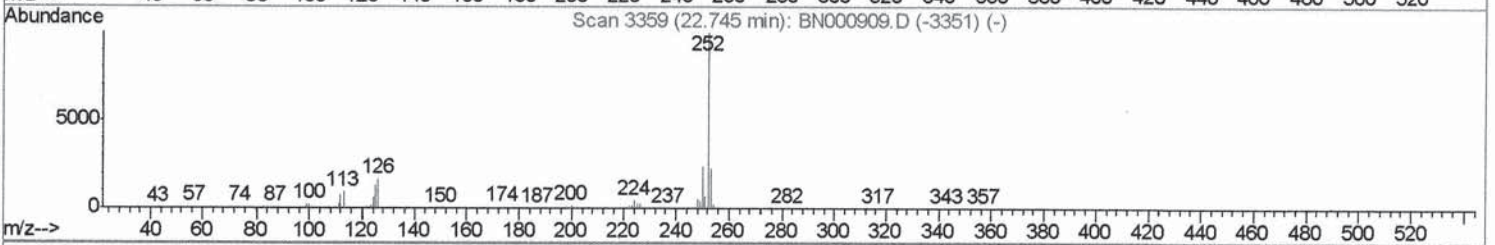
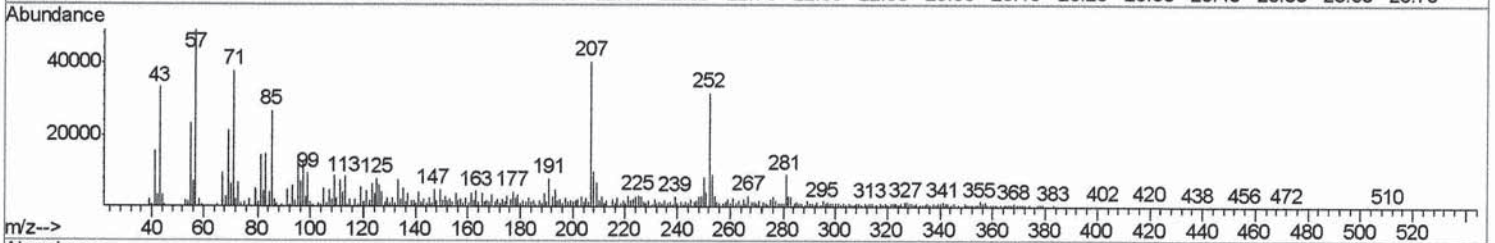
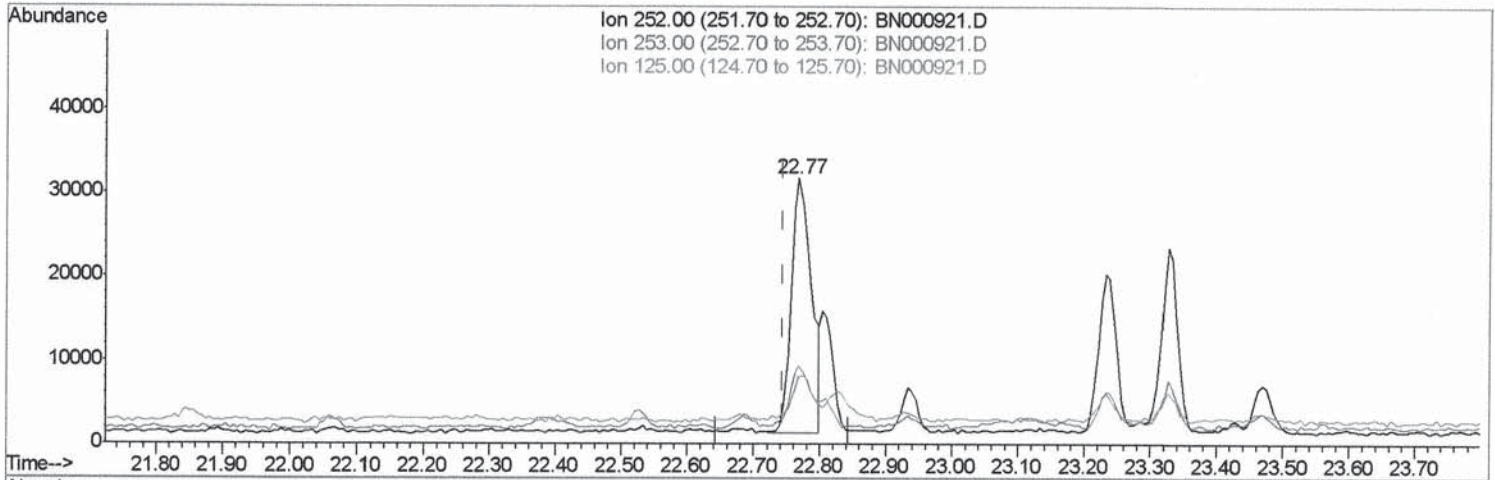
response 59230

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	29.68#
125.00	10.00	25.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000921.D
 Acq On : 26 Apr 2018 08:32
 Operator : JU/SJ
 Sample : J2443-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 26 12:32:47 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000921.D

(23) Benzo(b)fluoranthene

22.768min (+0.023) 1.80ng/ul m

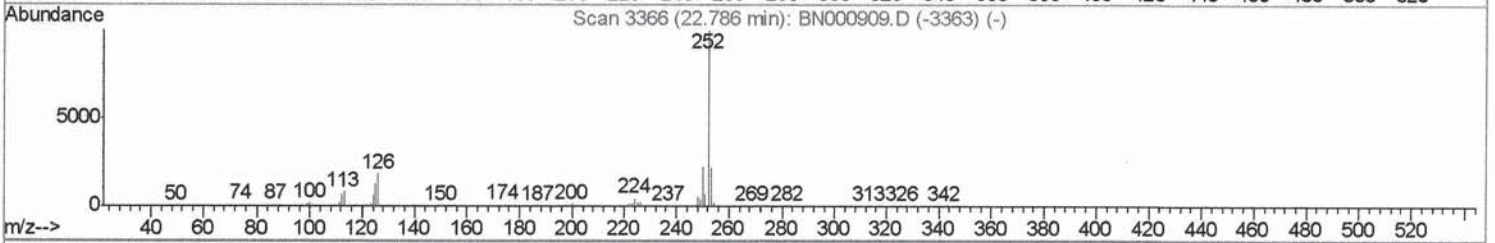
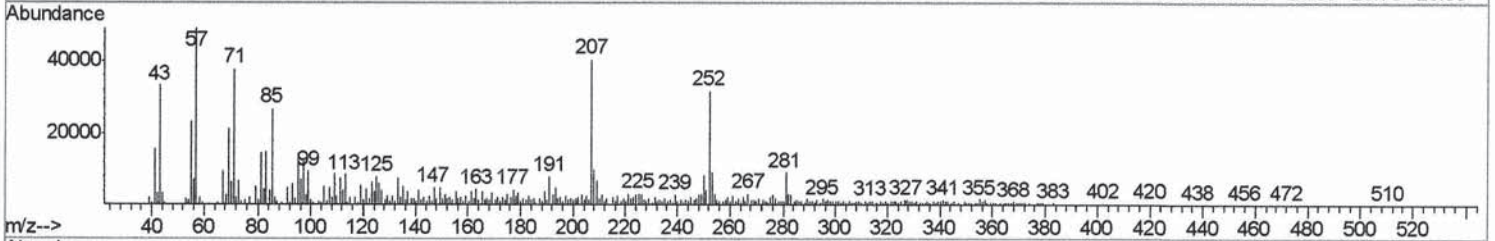
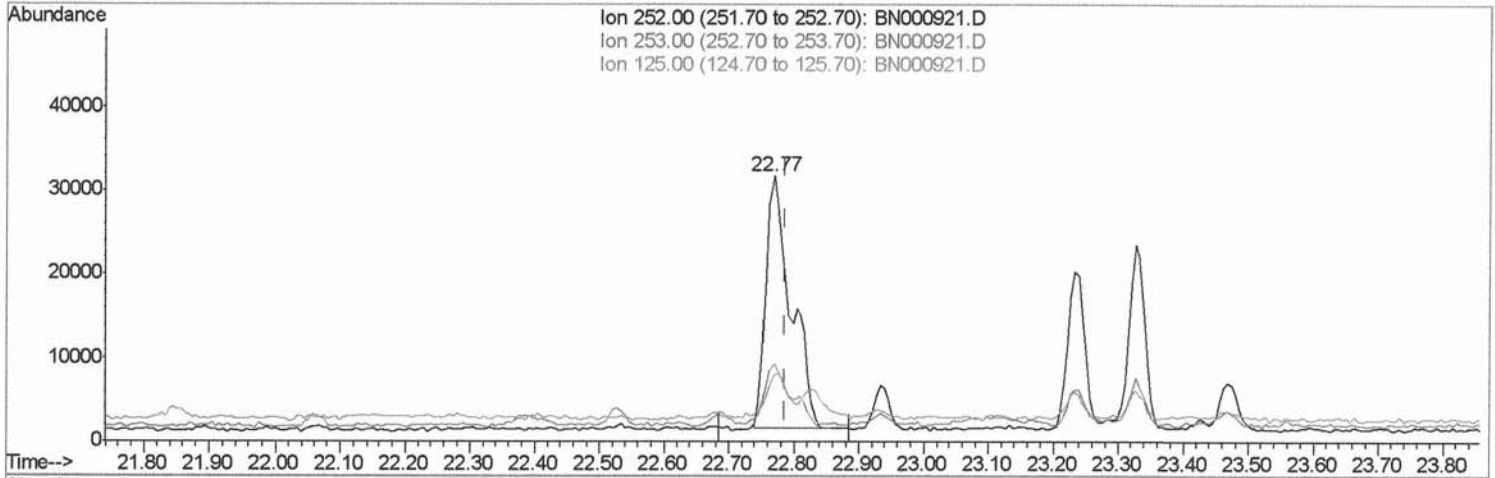
response 64229

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	29.68#
125.00	10.00	25.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000921.D
 Acq On : 26 Apr 2018 08:32
 Operator : JU/SJ
 Sample : J2443-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 26 12:32:47 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 Qlast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000921.D

(24) Benzo(k)fluoranthene

22.768min (-0.018) 2.31ng/ul

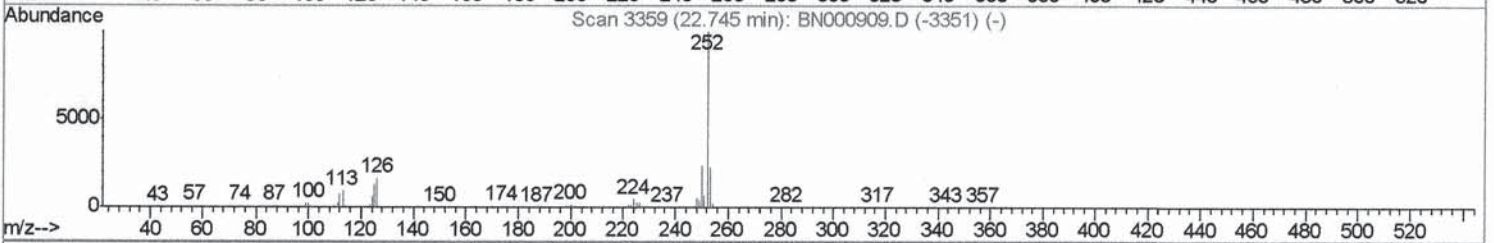
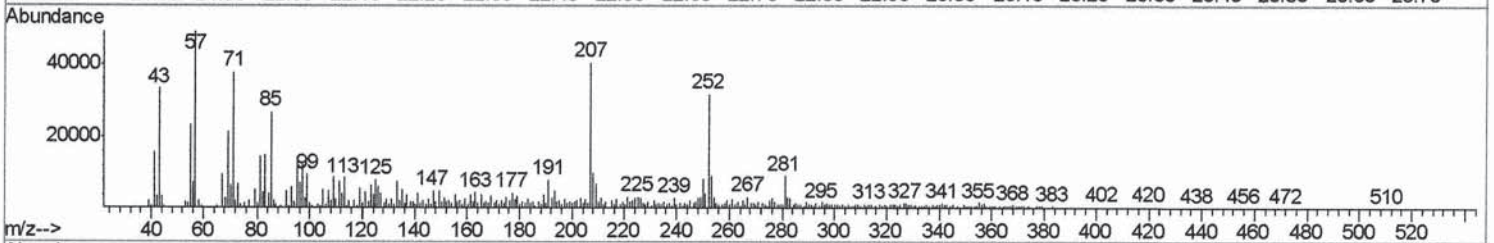
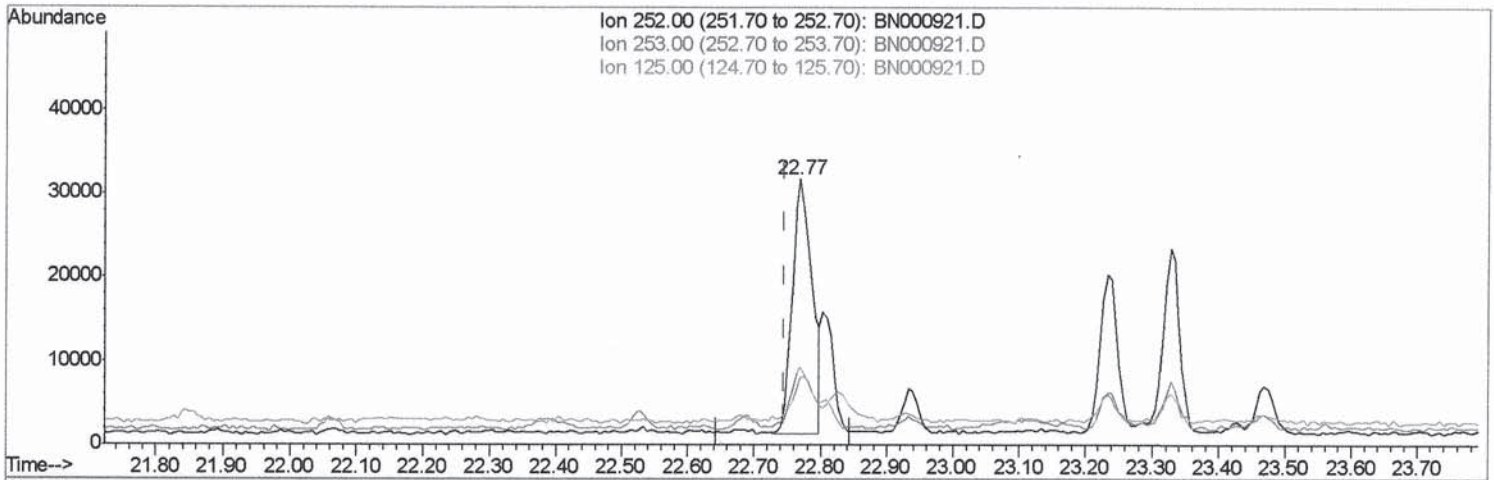
response 80734

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	29.68#
125.00	10.10	25.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000921.D
 Acq On : 26 Apr 2018 08:32
 Operator : JU/SJ
 Sample : J2443-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 26 12:32:47 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000921.D

(23) Benzo(b)fluoranthene

22.768min (+0.023) 1.80ng/ul m

response 64217

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	29.68#
125.00	10.00	25.45#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000921.D
 Acq On : 26 Apr 2018 08:32
 Operator : JU/SJ
 Sample : J2443-01
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Quant Time: Apr 26 12:36:57 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	171173	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	680639	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	317222	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	618513	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	573848	20.00	ng/ul	0.01
22) Perylene-d12	23.42	264	627951	20.00	ng/ul	0.03

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	704777	23.13	ng/ul	0.01
10) Fluorene-d10	15.26	176	437969	21.54	ng/ul	0.01
14) Anthracene-d10	17.11	188	602505	21.30	ng/ul	0.01
18) Pyrene-d10	19.42	212	638796	21.73	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.29	264	624371	21.05	ng/ul	0.03

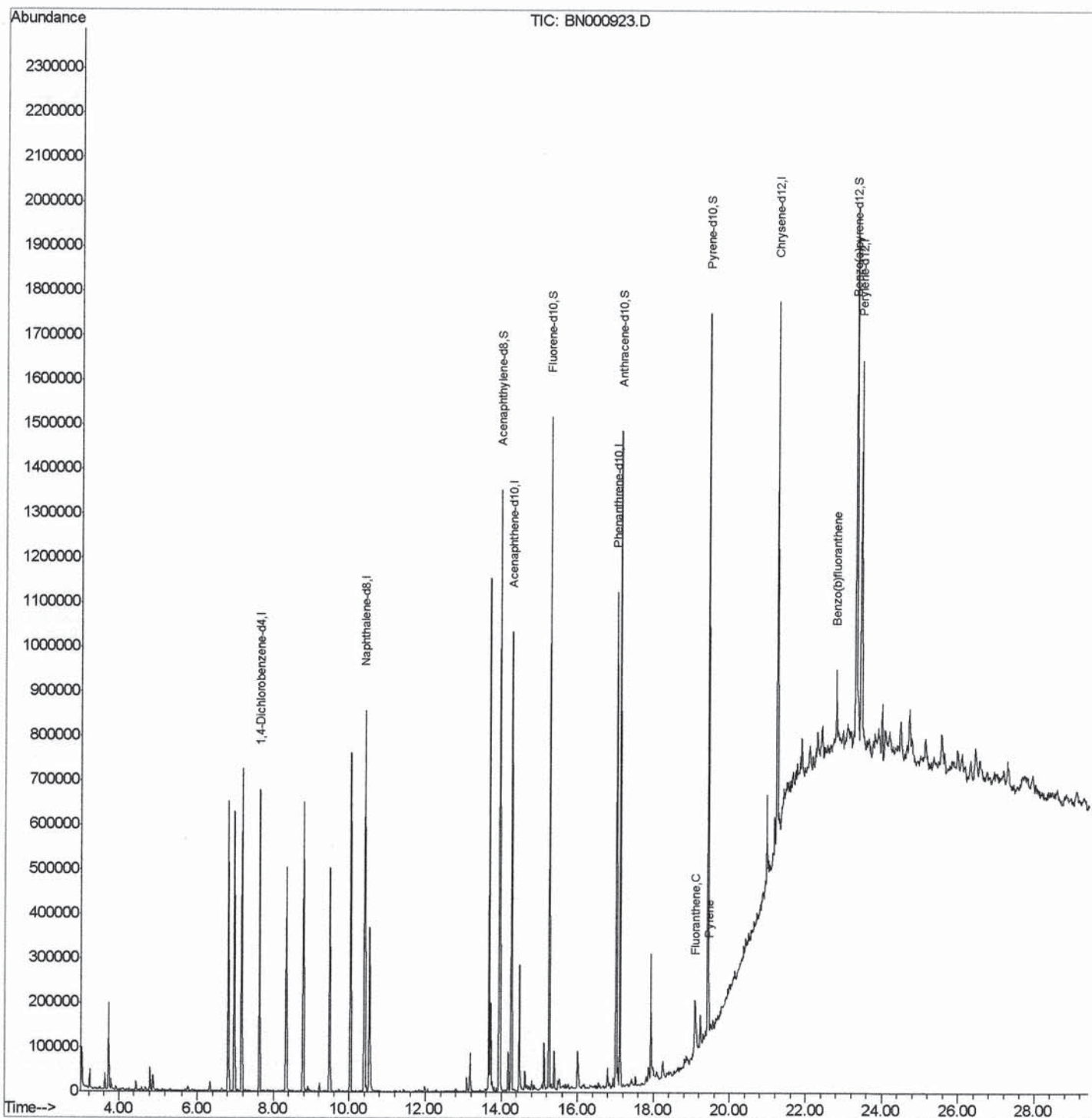
Target Compounds

					Qvalue	
13) Phenanthrene	17.05	178	43113	1.278	ng/ul	98
16) Fluoranthene	19.08	202	72062	2.105	ng/ul	95
19) Pyrene	19.44	202	63131	1.713	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	38495	1.122	ng/ul#	88
21) Chrysene	21.26	228	45427	1.409	ng/ul#	91
23) Benzo(b)fluoranthene	22.77	252	64217m	1.799	ng/ul#	70
26) Benzo(a)pyrene	23.33	252	38162	1.119	ng/ul#	70
29) Benzo(g,h,i)perylene	26.28	276	36973	1.073	ng/ul#	78

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000923.D
Acq On : 26 Apr 2018 09:42
Operator : JU/SJ
Sample : J2443-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

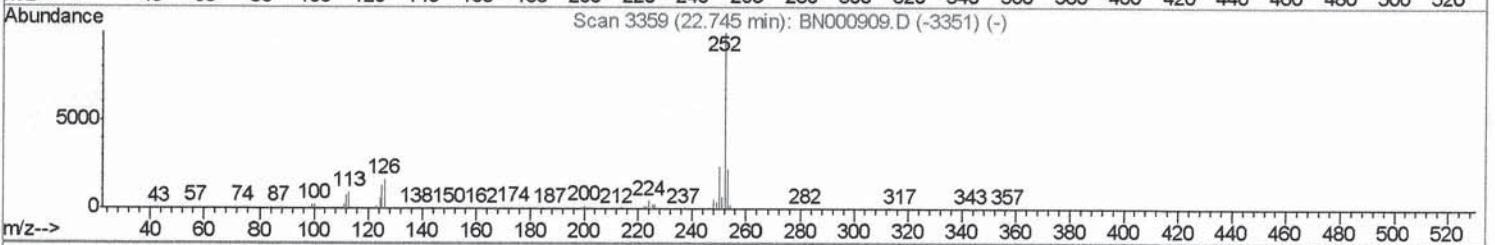
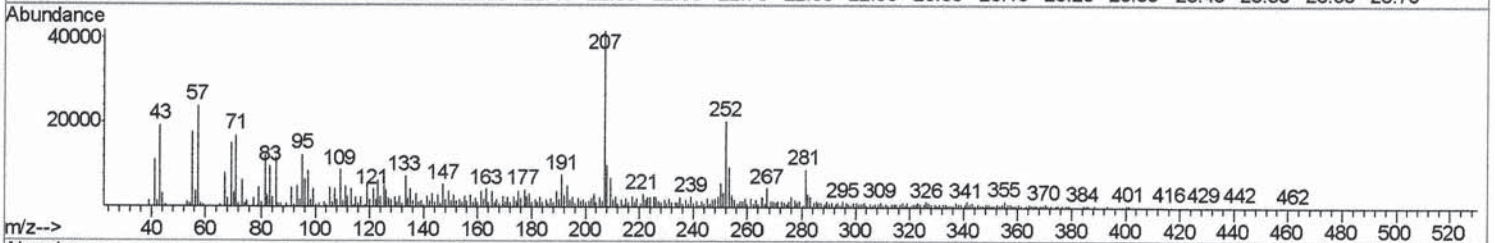
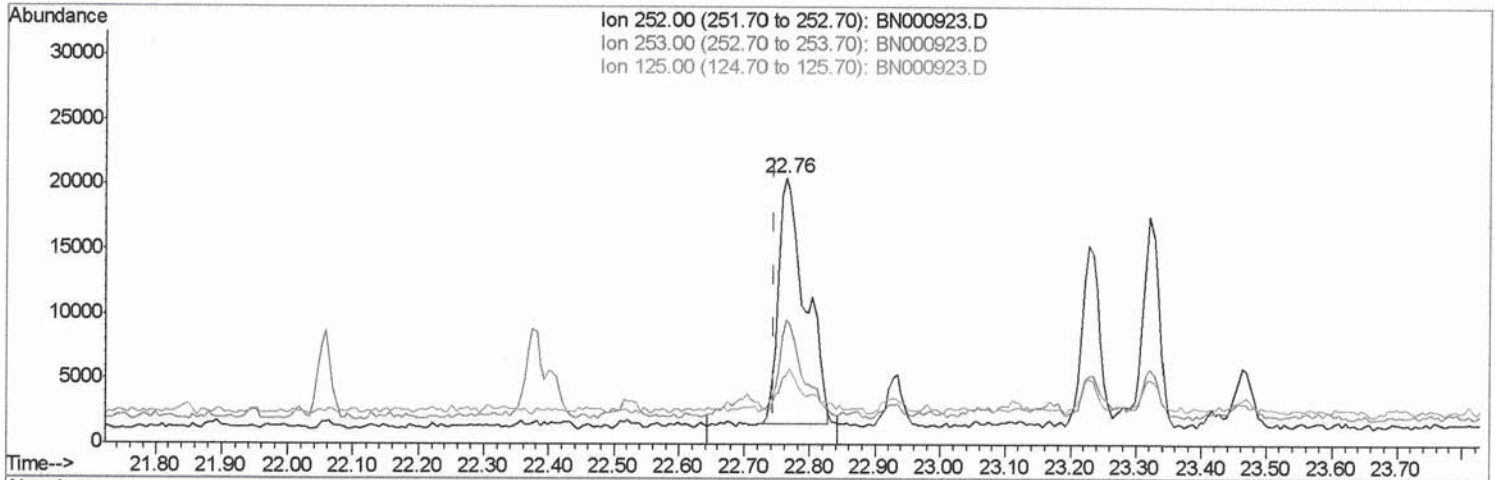
Quant Time: Apr 26 13:00:47 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000923.D
 Acq On : 26 Apr 2018 09:42
 Operator : JU/SJ
 Sample : J2443-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Apr 26 12:54:57 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000923.D

(23) Benzo(b)fluoranthene

22.763min (+0.018) 1.67ng/ul

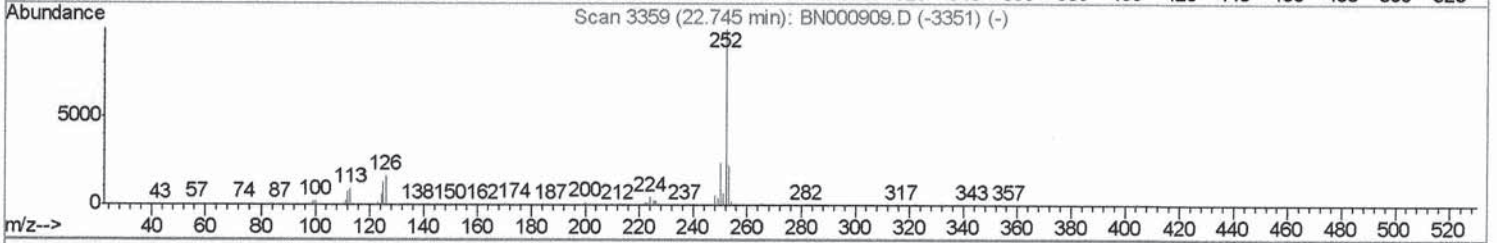
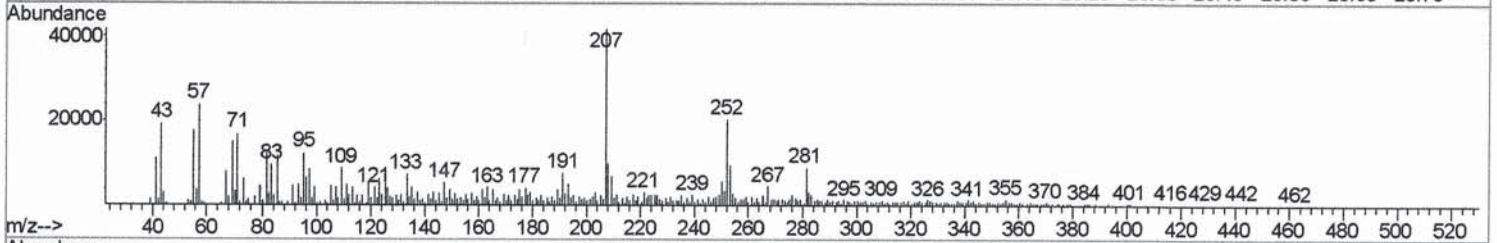
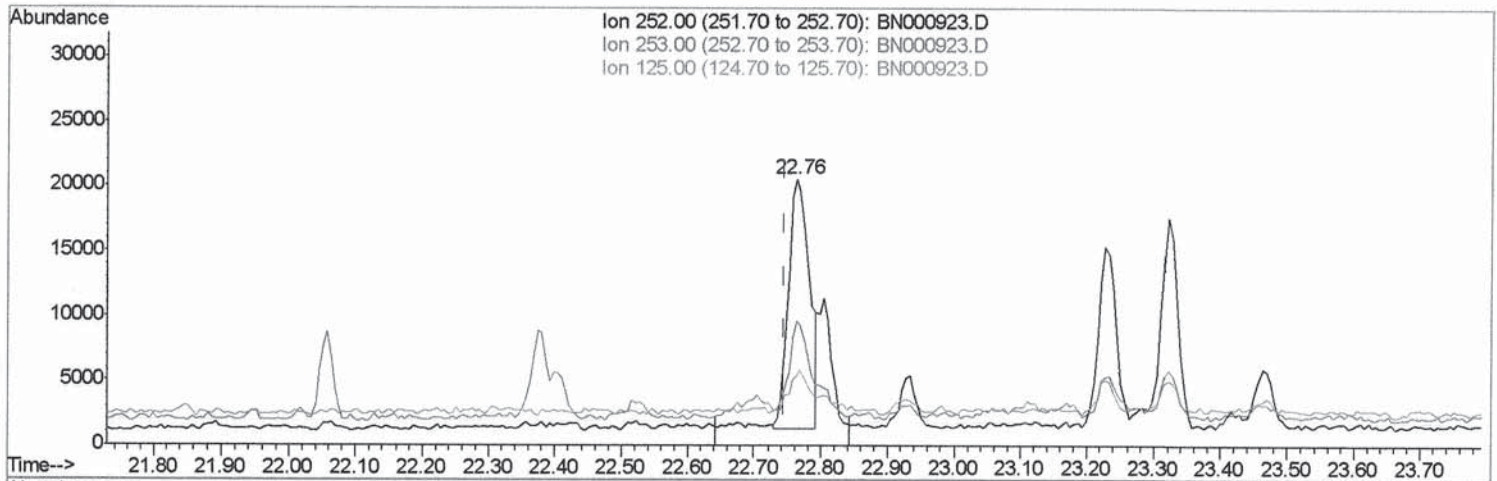
response 54497

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	46.68#
125.00	10.00	26.42#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000923.D
 Acq On : 26 Apr 2018 09:42
 Operator : JU/SJ
 Sample : J2443-04
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Quant Time: Apr 26 12:54:57 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000923.D

(23) Benzo(b)fluoranthene

22.763min (+0.018) 1.33ng/ul

response 43115

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	46.68#
125.00	10.00	26.42#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000923.D
Acq On : 26 Apr 2018 09:42
Operator : JU/SJ
Sample : J2443-04
Misc :
ALS Vial : 32 Sample Multiplier: 1

Quant Time: Apr 26 13:00:47 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	169850	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	683562	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	315093	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	582977	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	525816	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	572502	20.00	ng/ul	0.03

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	892005	29.48	ng/ul	0.01
10) Fluorene-d10	15.26	176	555117	27.48	ng/ul	0.00
14) Anthracene-d10	17.11	188	741710	27.82	ng/ul	0.01
18) Pyrene-d10	19.42	212	763110	28.32	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.28	264	733009	27.10	ng/ul	0.02

Target Compounds

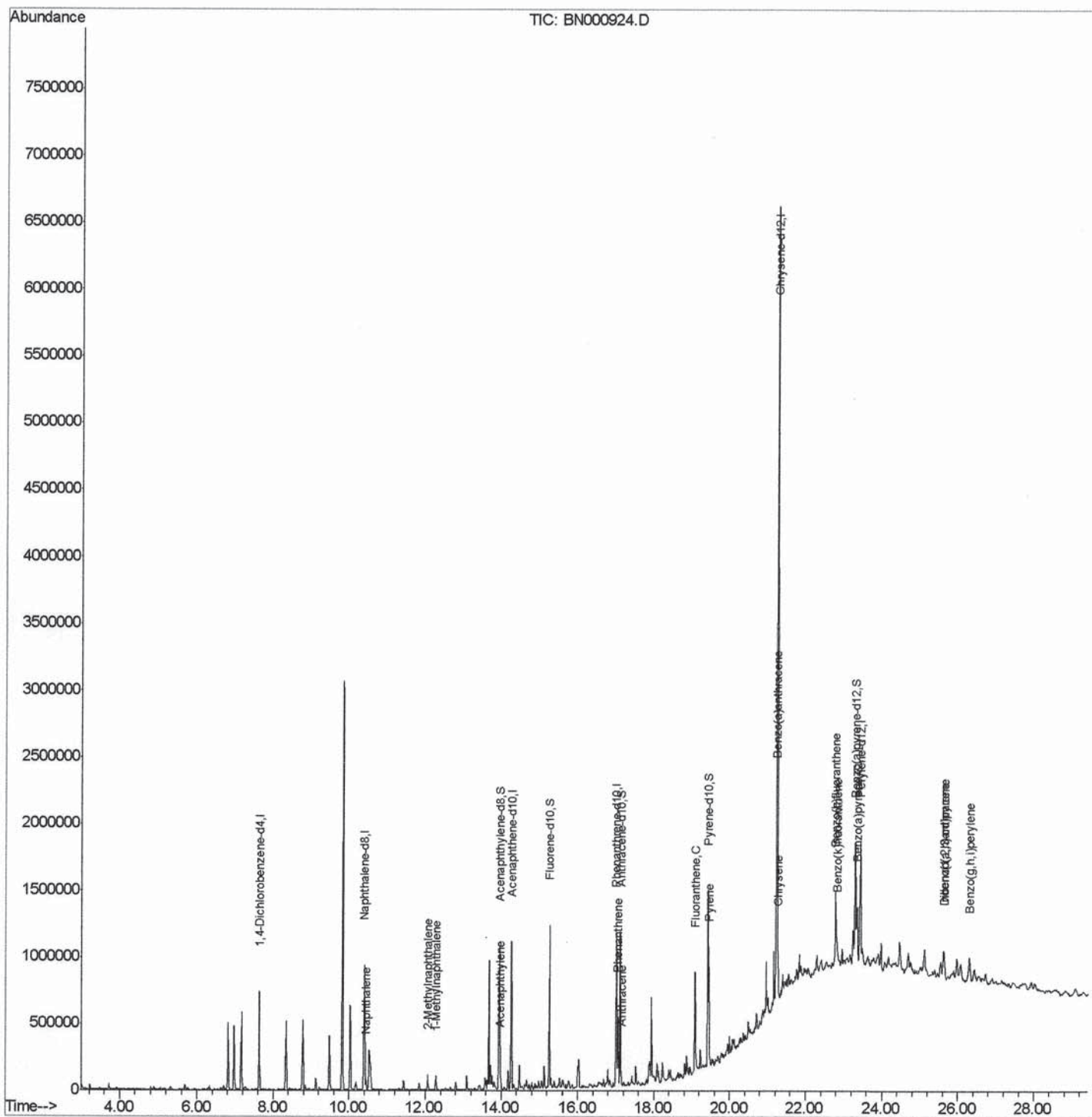
					Qvalue
16) Fluoranthene	19.07	202	48630	1.507 ng/ul#	92
19) Pyrene	19.45	202	44008	1.303 ng/ul#	92
23) Benzo(b)fluoranthene	22.76	252	43115m	1.325 ng/ul	92

JU04/27/18

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000924.D
Acq On : 26 Apr 2018 10:16
Operator : JU/SJ
Sample : J2443-07
Misc :
ALS Vial : 33 Sample Multiplier: 1

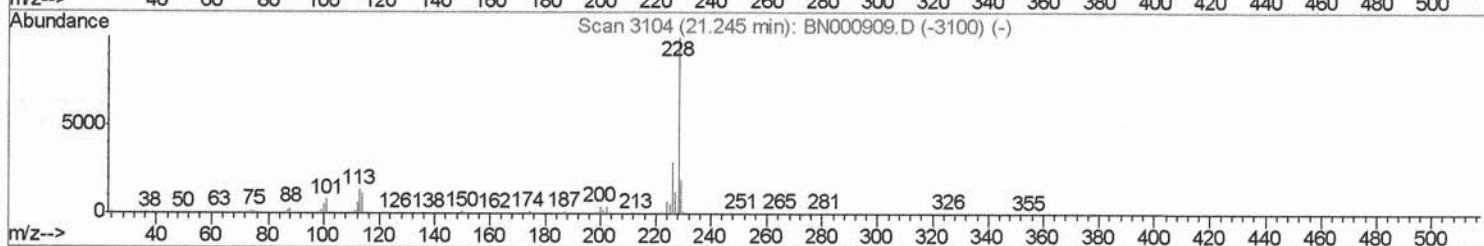
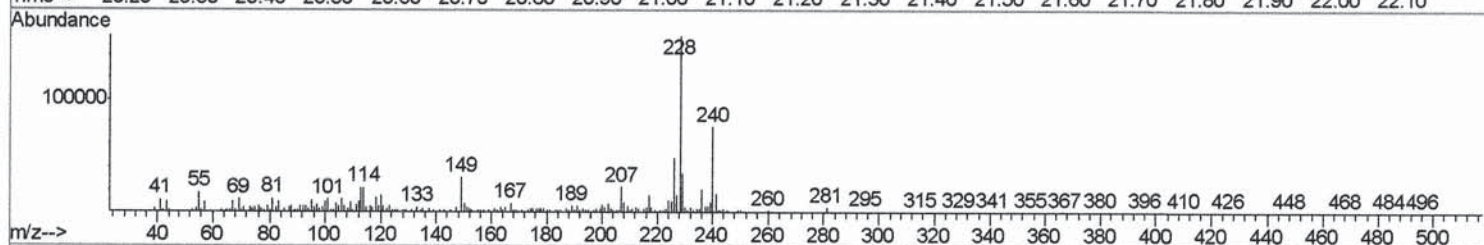
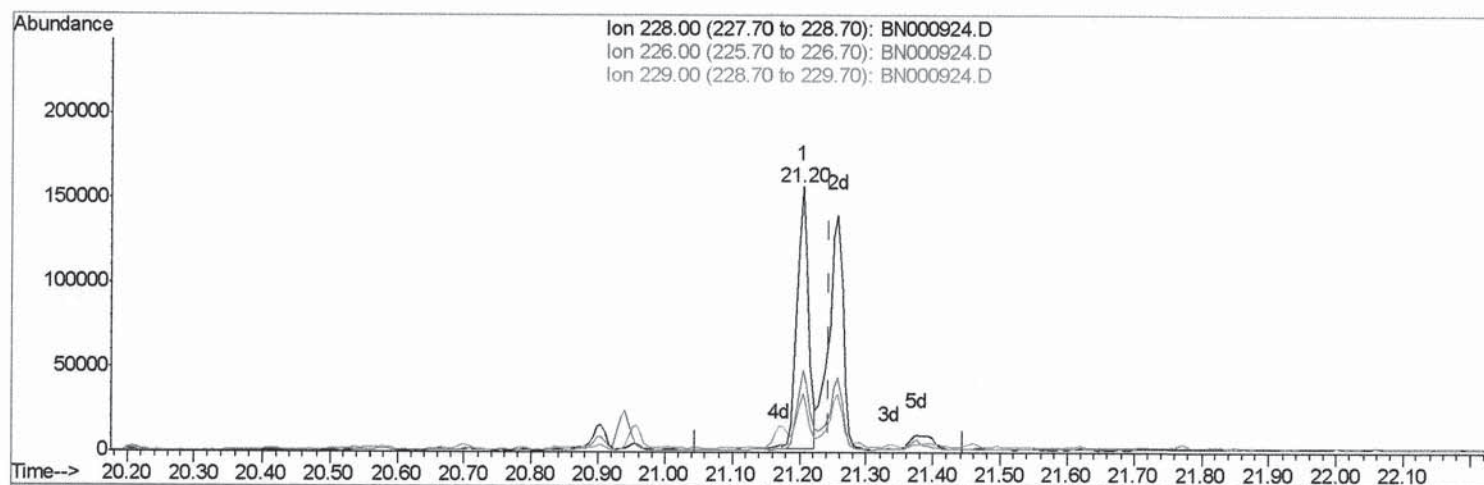
Quant Time: Apr 26 13:04:39 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
Qlast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000924.D
 Acq On : 26 Apr 2018 10:16
 Operator : JU/SJ
 Sample : J2443-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 26 13:02:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000924.D

(21) Chrysene

21.204min (-0.041) 6.53ng/ul

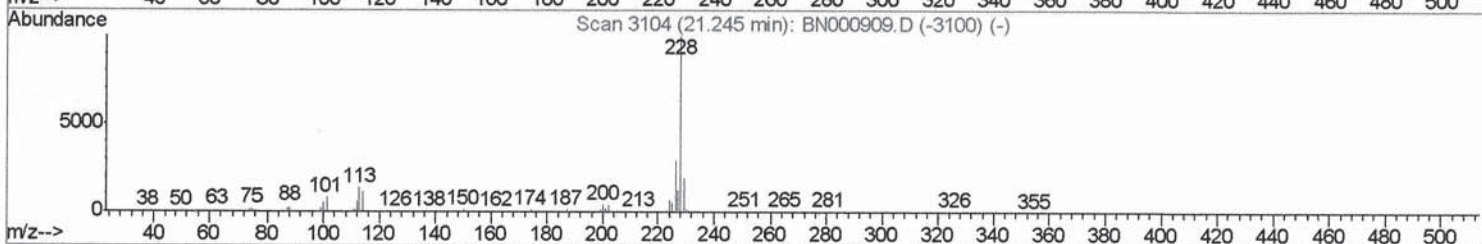
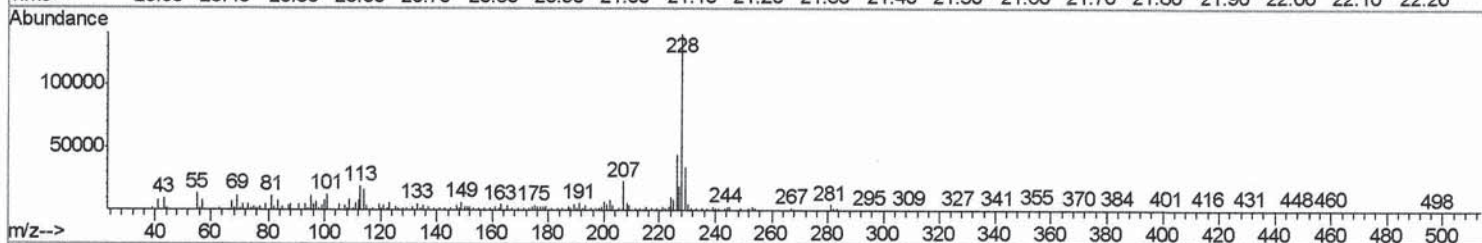
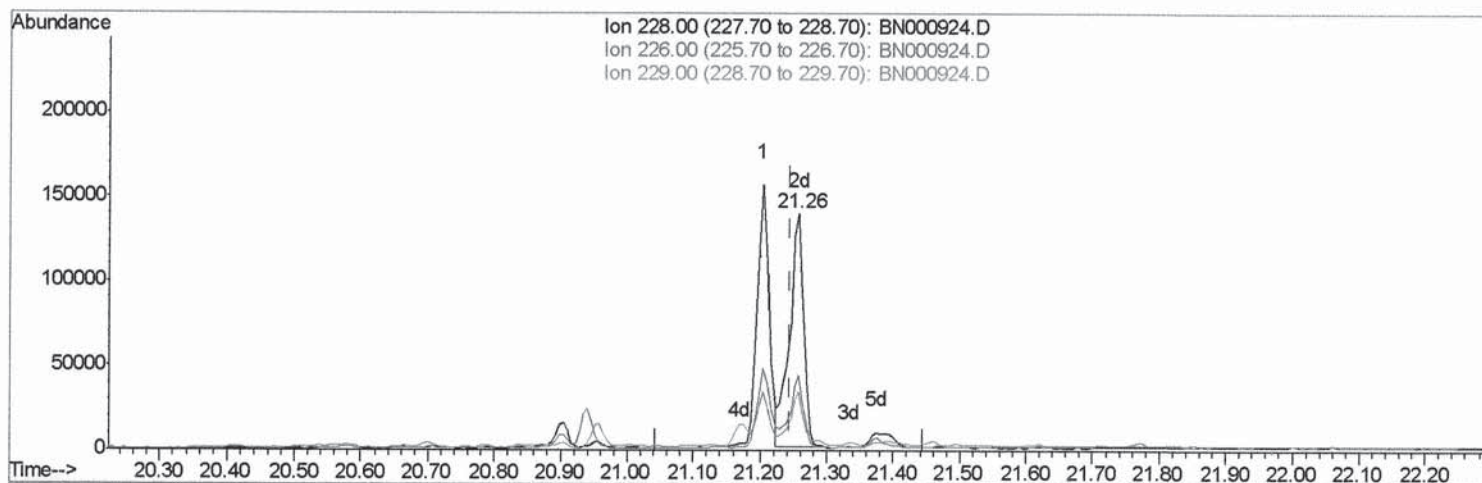
response 187970

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	30.86
229.00	19.80	22.16
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000924.D
 Acq On : 26 Apr 2018 10:16
 Operator : JU/SJ
 Sample : J2443-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 26 13:02:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000924.D

(21) Chrysene

21.257min (+0.012) 7.26ng/ul m

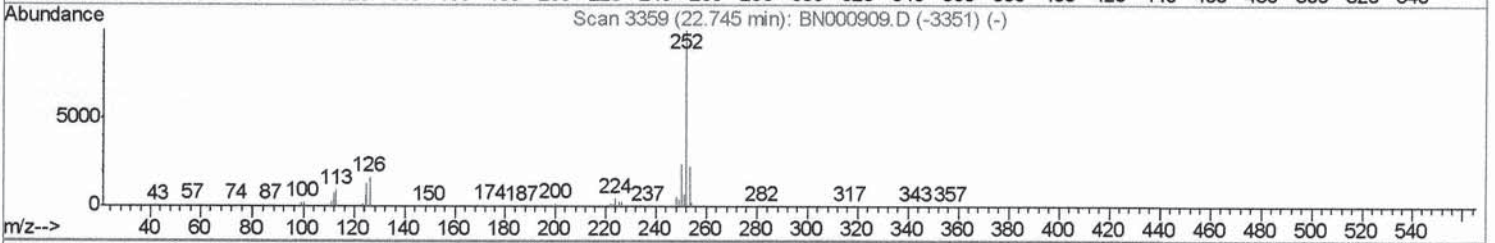
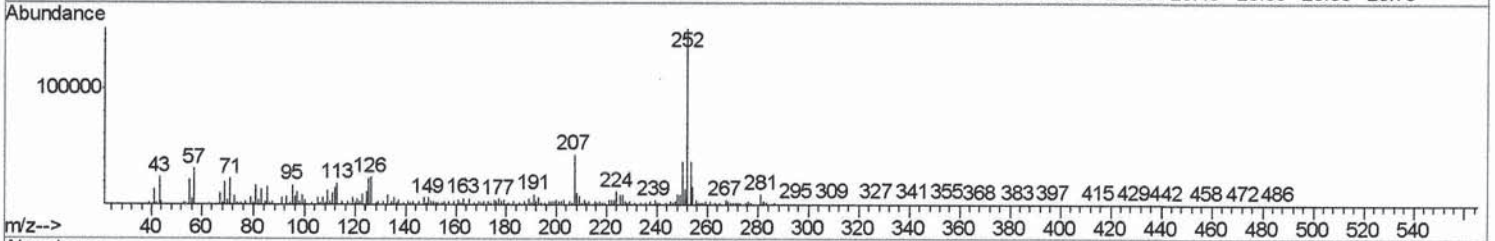
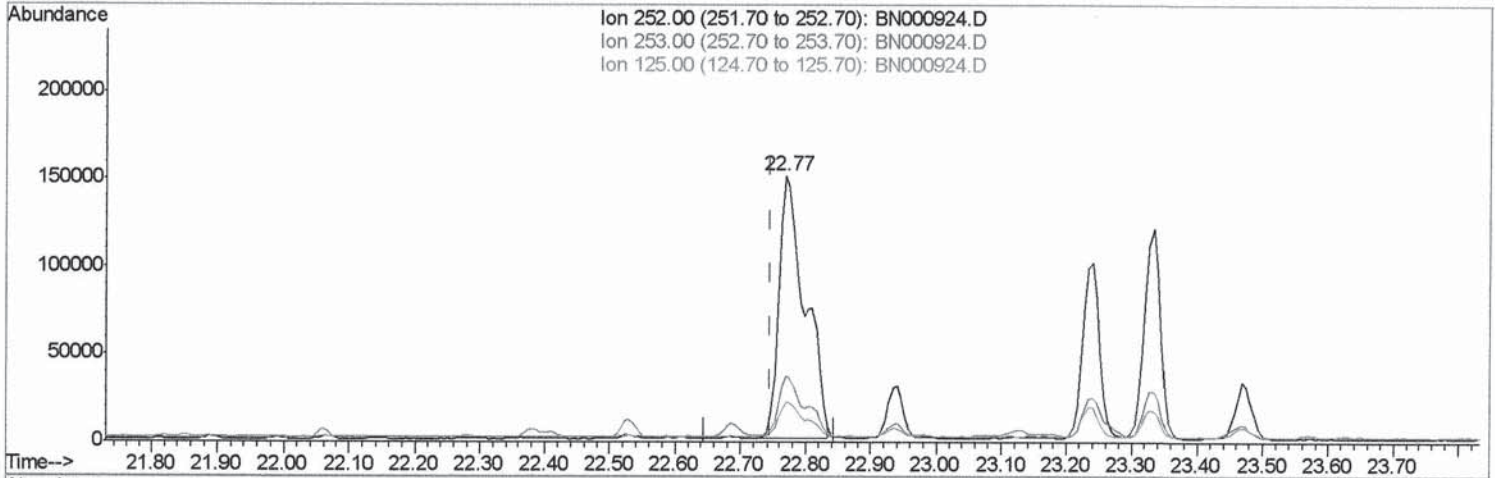
response 208849

Ion	Exp%	Act%
228.00	100	100
226.00	30.60	31.44
229.00	19.80	24.79#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000924.D
 Acq On : 26 Apr 2018 10:16
 Operator : JU/SJ
 Sample : J2443-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 26 13:02:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000924.D

(23) Benzo(b)fluoranthene

22.769min (+0.024) 12.46ng/ui

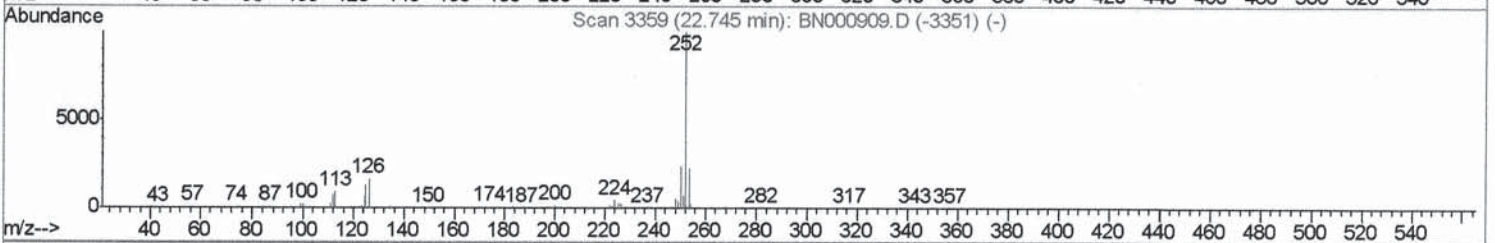
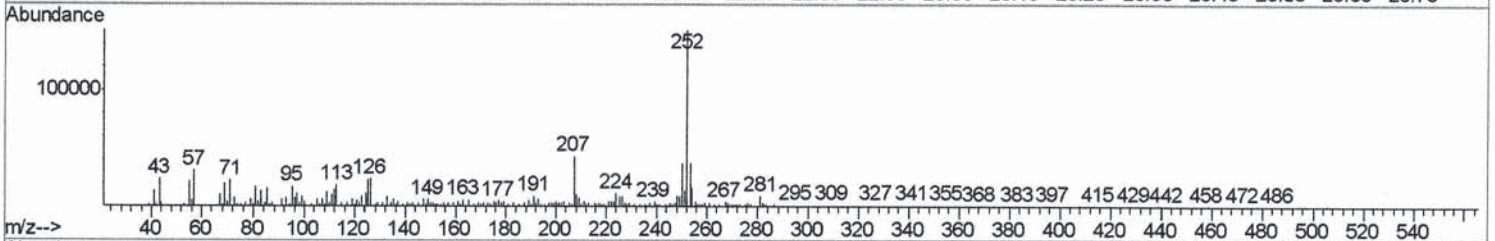
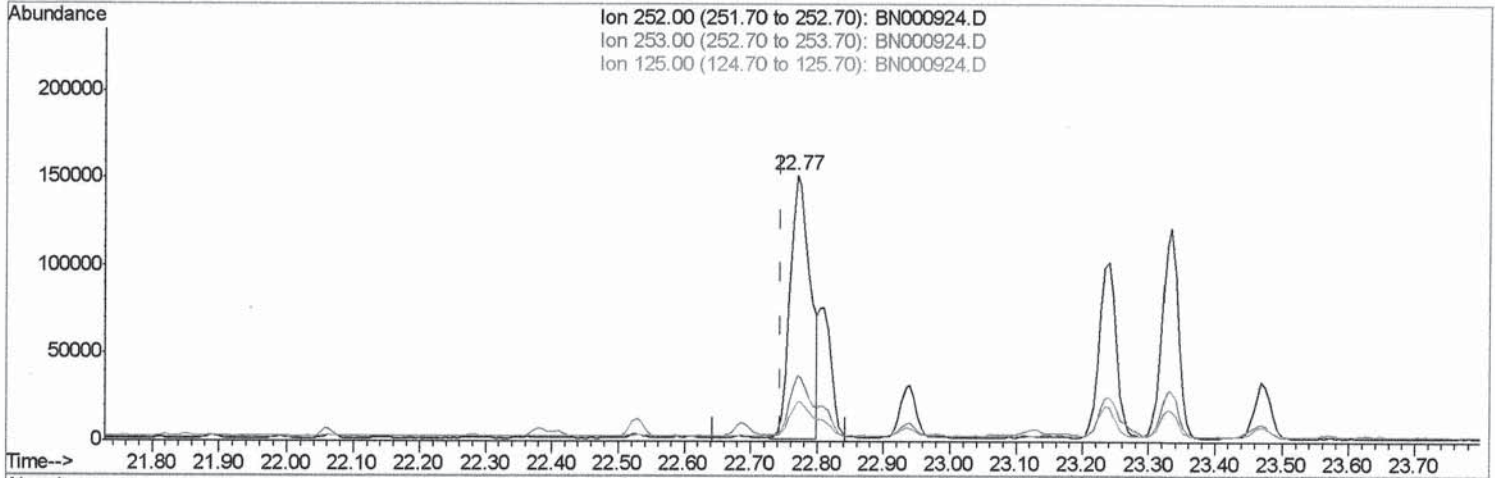
response 414643

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.95
125.00	10.00	15.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000924.D
 Acq On : 26 Apr 2018 10:16
 Operator : JU/SJ
 Sample : J2443-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 26 13:02:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000924.D

(23) Benzo(b)fluoranthene

22.769min (+0.024) 9.65ng/ul m

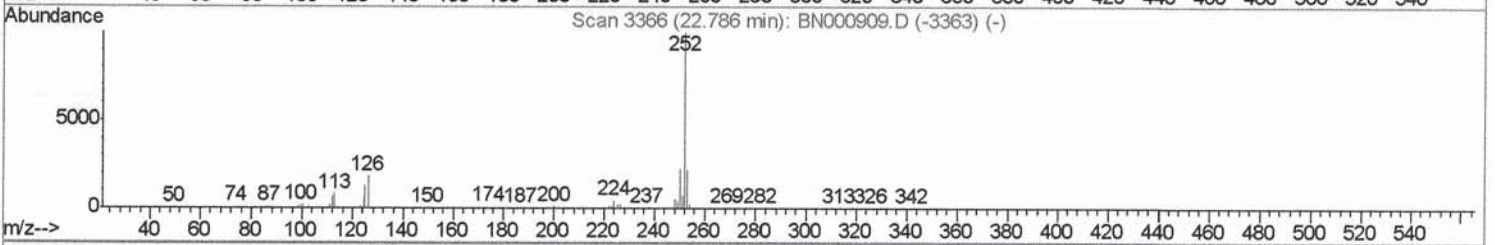
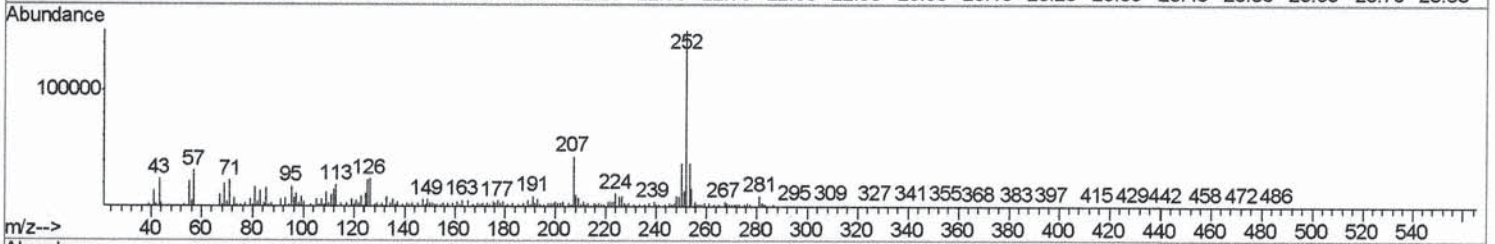
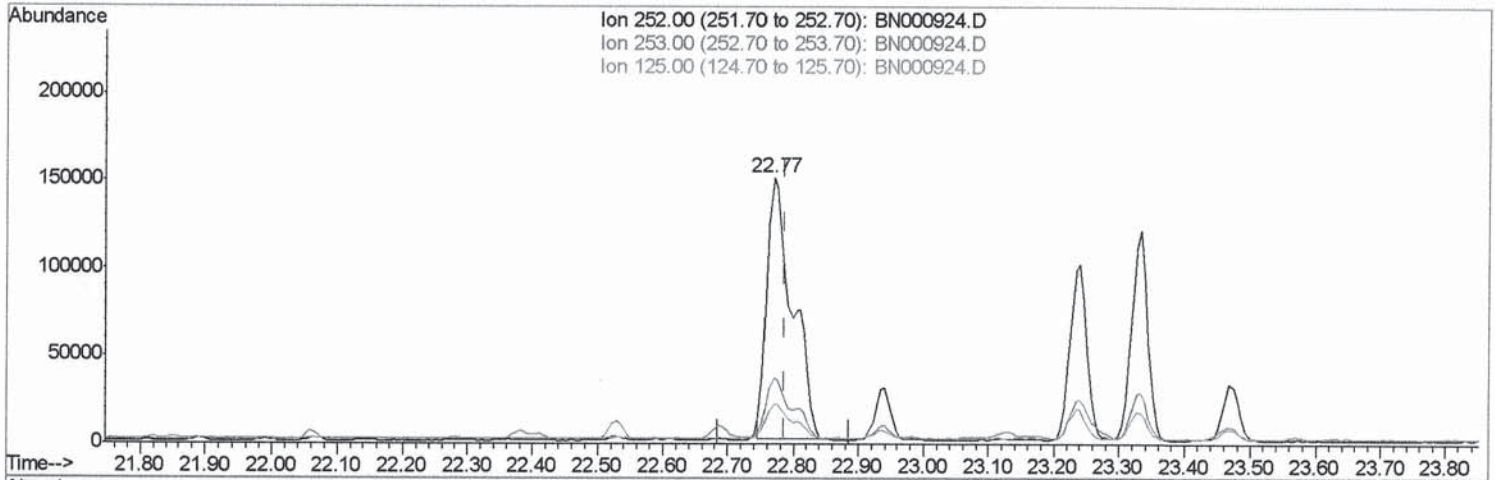
response 321233

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.95
125.00	10.00	15.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000924.D
 Acq On : 26 Apr 2018 10:16
 Operator : JU/SJ
 Sample : J2443-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 26 13:02:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000924.D

(24) Benzo(k)fluoranthene

22.769min (-0.018) 12.54ng/ul

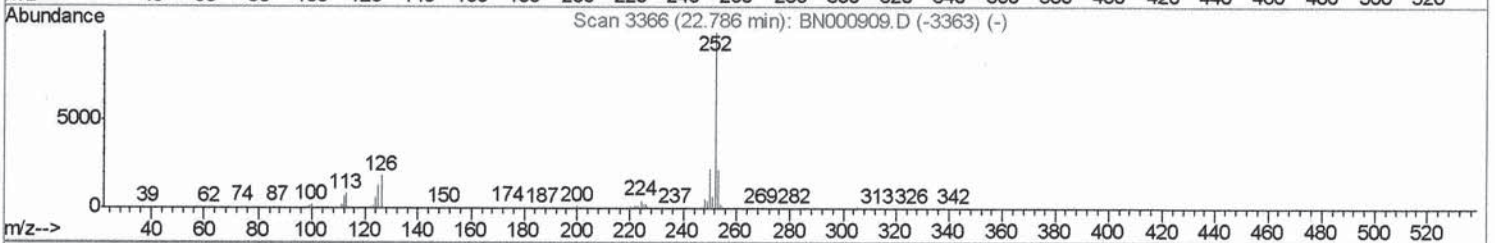
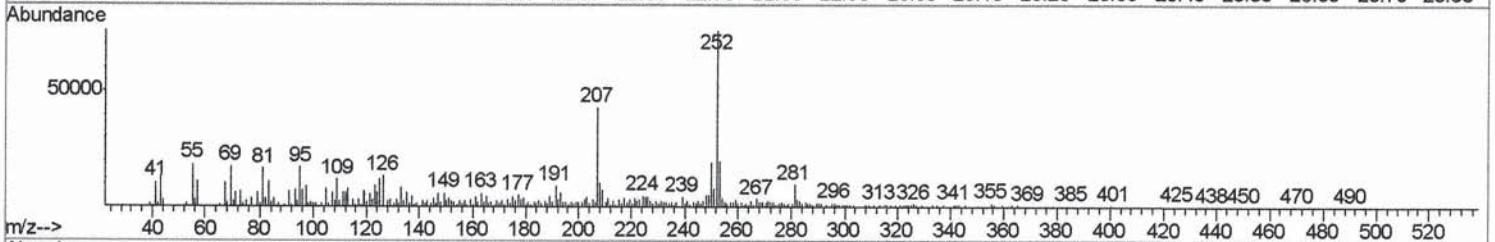
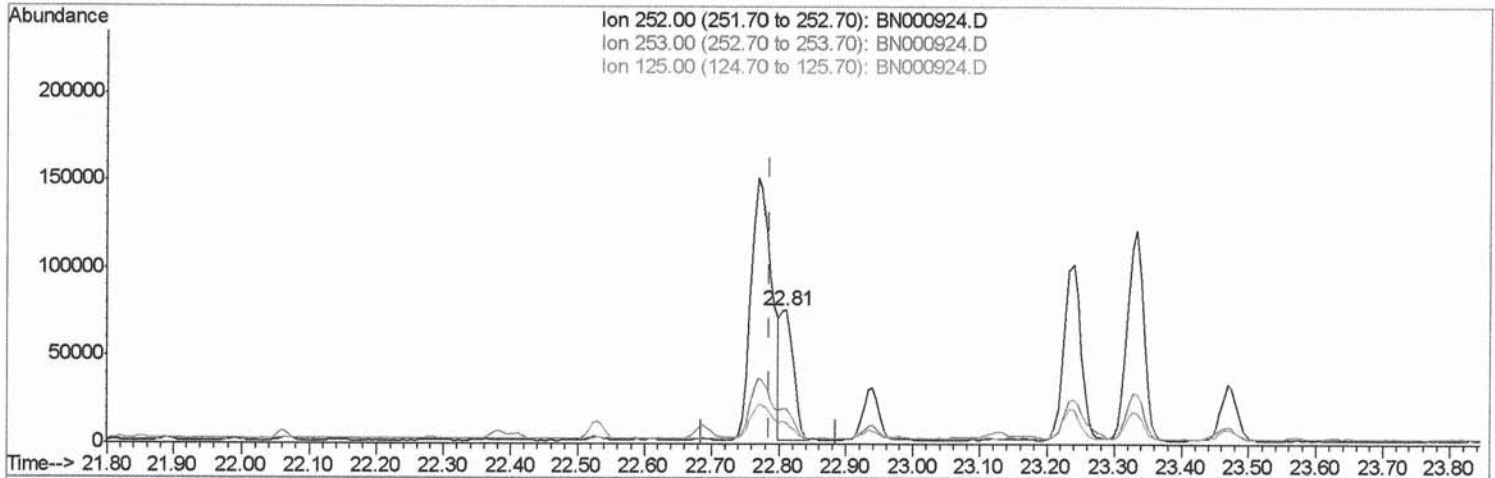
response 408376

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	24.95
125.00	10.10	15.07#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000924.D
 Acq On : 26 Apr 2018 10:16
 Operator : JU/SJ
 Sample : J2443-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 26 13:02:12 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000924.D

(24) Benzo(k)fluoranthene

22.810min (+0.024) 2.97ng/ul m

response 96872

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	26.44
125.00	10.10	16.10#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000924.D
 Acq On : 26 Apr 2018 10:16
 Operator : JU/SJ
 Sample : J2443-07
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Quant Time: Apr 26 13:04:39 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	181165	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	734632	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	343603	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	607660	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	512325	20.00	ng/ul	0.01
22) Perylene-d12	23.43	264	585657	20.00	ng/ul	0.04

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	722800	21.90	ng/ul	0.01
10) Fluorene-d10	15.26	176	442834	20.10	ng/ul	0.00
14) Anthracene-d10	17.11	188	580366	20.89	ng/ul	0.01
18) Pyrene-d10	19.42	212	577923	22.02	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.29	264	564973	20.42	ng/ul	0.03

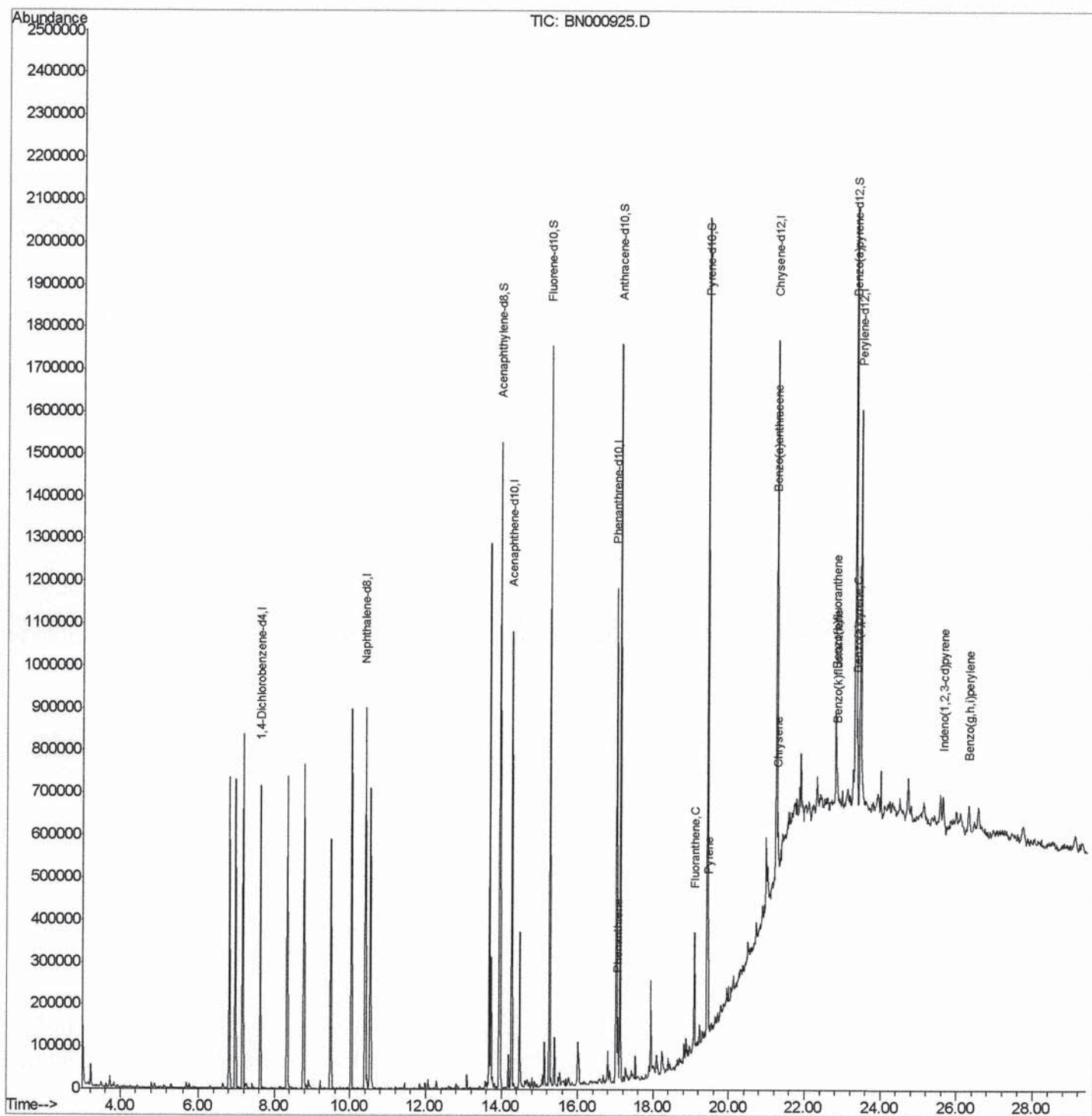
Target Compounds

					Qvalue	
3) Naphthalene	10.45	128	66228	1.789	ng/ul	100
4) 2-Methylnaphthalene	12.06	142	52906	2.142	ng/ul	97
5) 1-Methylnaphthalene	12.28	142	47174	1.947	ng/ul#	93
8) Acenaphthylene	13.98	152	46117	1.412	ng/ul	97
13) Phenanthrene	17.05	178	282440	8.522	ng/ul	99
15) Anthracene	17.15	178	62603	1.883	ng/ul	99
16) Fluoranthene	19.08	202	399432	11.879	ng/ul	97
19) Pyrene	19.45	202	352059	10.698	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	191048	6.238	ng/ul	93
21) Chrysene	21.26	228	208849m	7.256	ng/ul	
23) Benzo(b)fluoranthene	22.77	252	321233m	9.652	ng/ul	
24) Benzo(k)fluoranthene	22.81	252	96872m	2.974	ng/ul	
26) Benzo(a)pyrene	23.33	252	202460	6.365	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.62	276	169163	4.403	ng/ul#	85
28) Dibenzo(a,h)anthracene	25.62	278	45880	1.433	ng/ul#	70
29) Benzo(g,h,i)perylene	26.29	276	189208	5.888	ng/ul#	91

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000925.D
Acq On : 26 Apr 2018 10:51
Operator : JU/SJ
Sample : J2485-19
Misc :
ALS Vial : 34 Sample Multiplier: 1

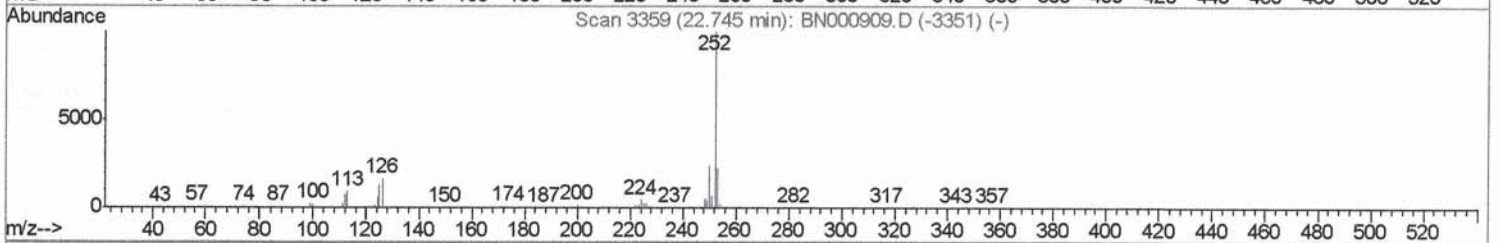
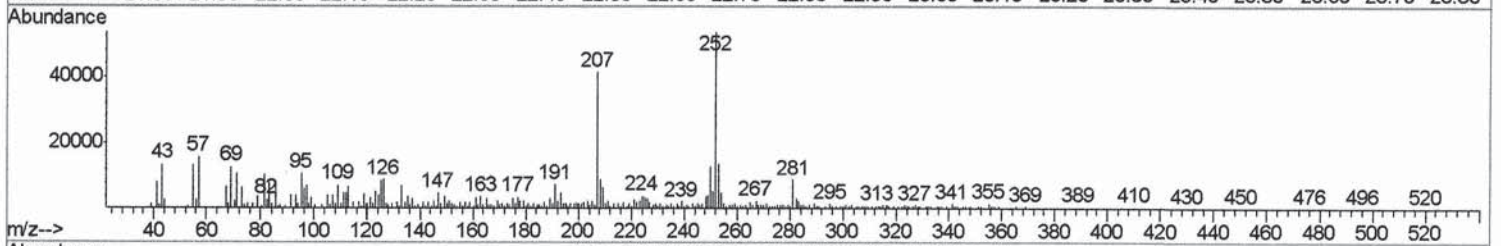
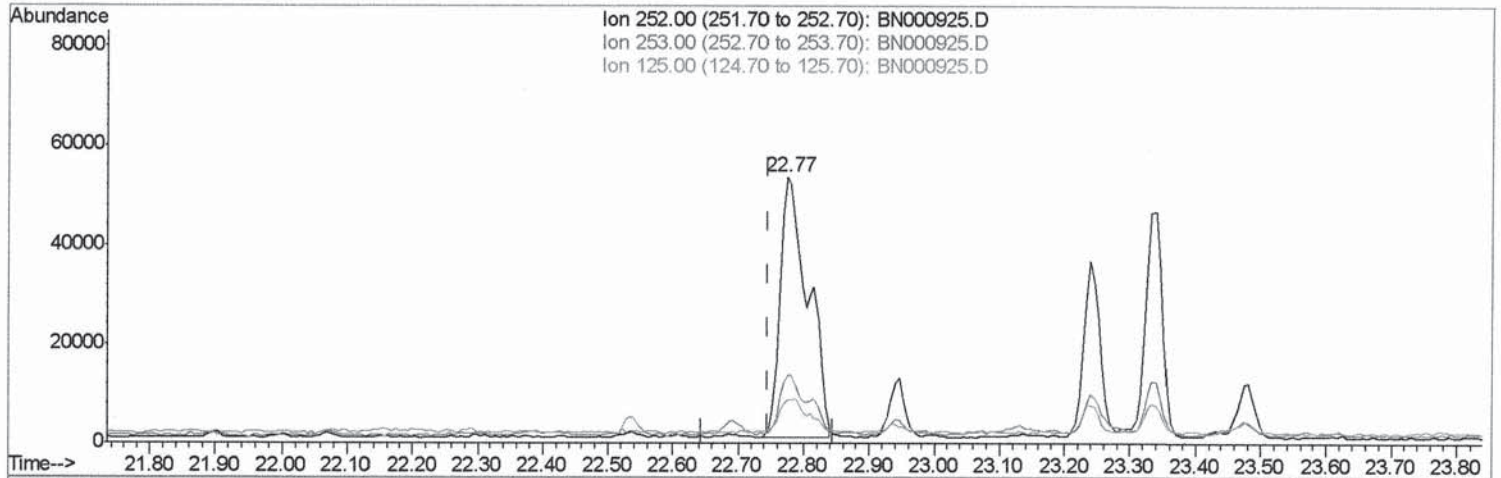
Quant Time: Apr 26 13:09:16 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000925.D
 Acq On : 26 Apr 2018 10:51
 Operator : JU/SJ
 Sample : J2485-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 26 13:06:10 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000925.D

(23) Benzo(b)fluoranthene

22.775min (+0.030) 4.56ng/ul

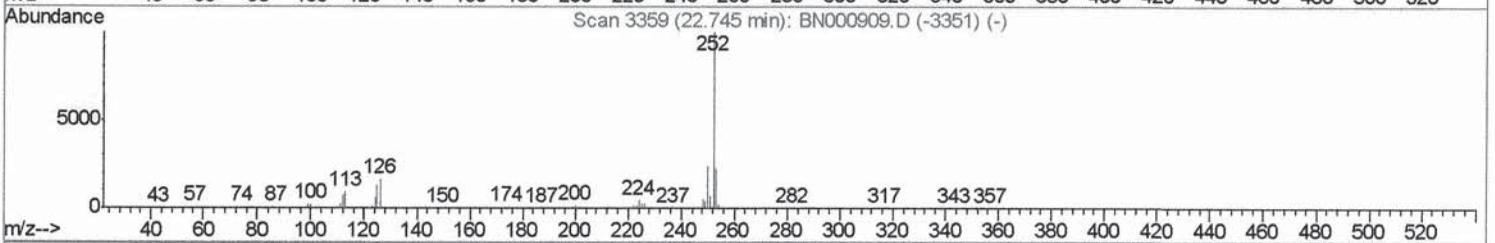
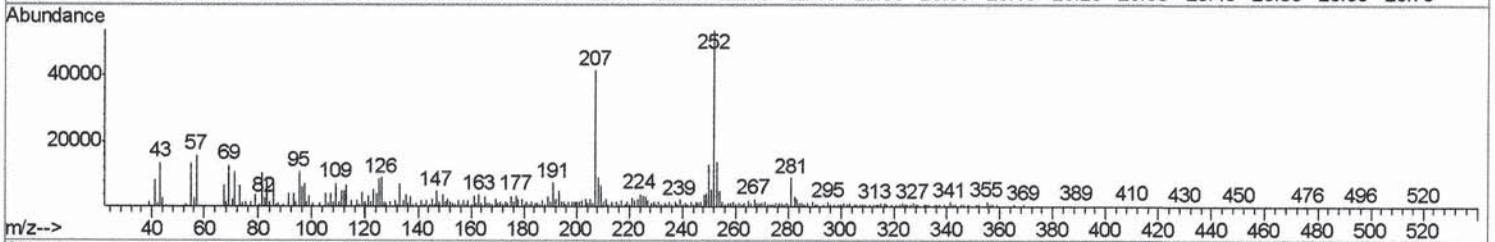
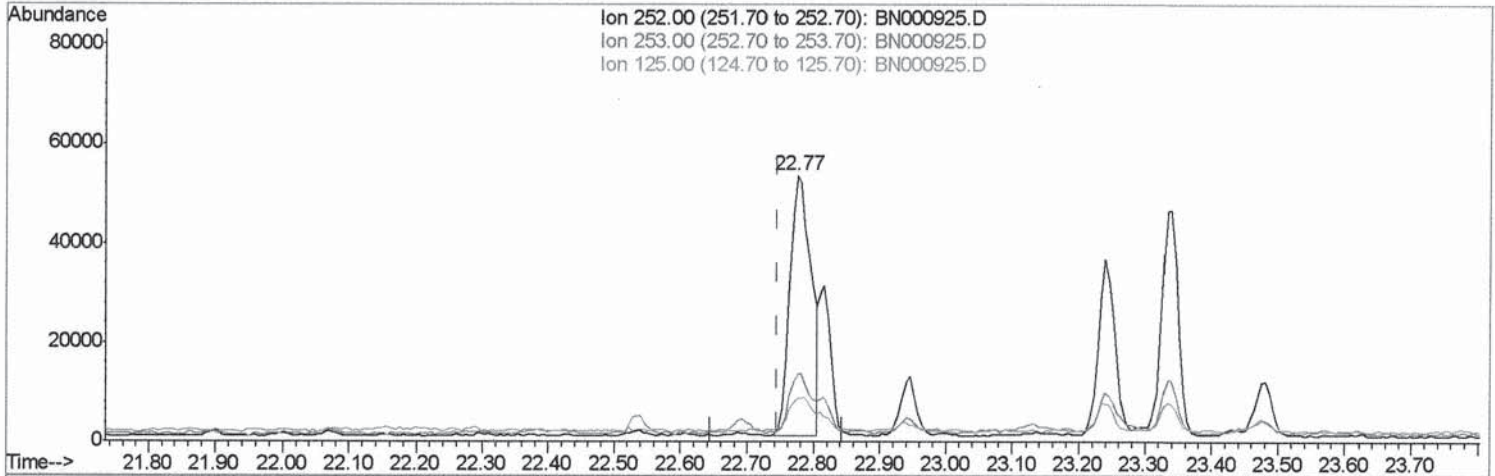
response 153780

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.59
125.00	10.00	16.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000925.D
 Acq On : 26 Apr 2018 10:51
 Operator : JU/SJ
 Sample : J2485-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 26 13:06:10 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000925.D

(23) Benzo(b)fluoranthene

22.775min (+0.030) 3.47ng/ul

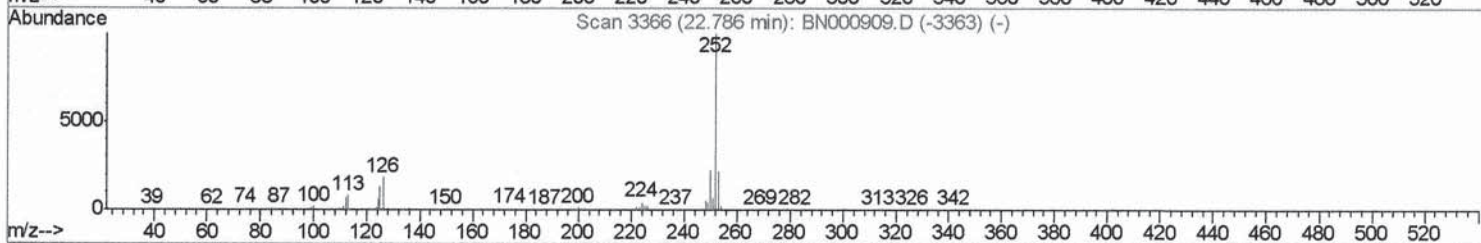
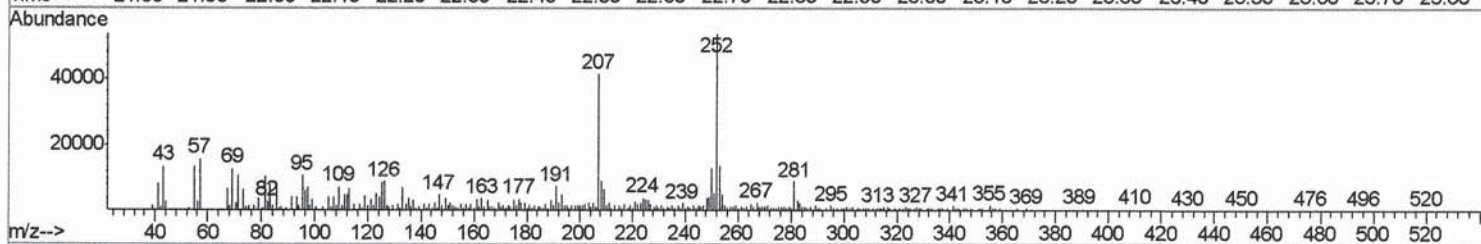
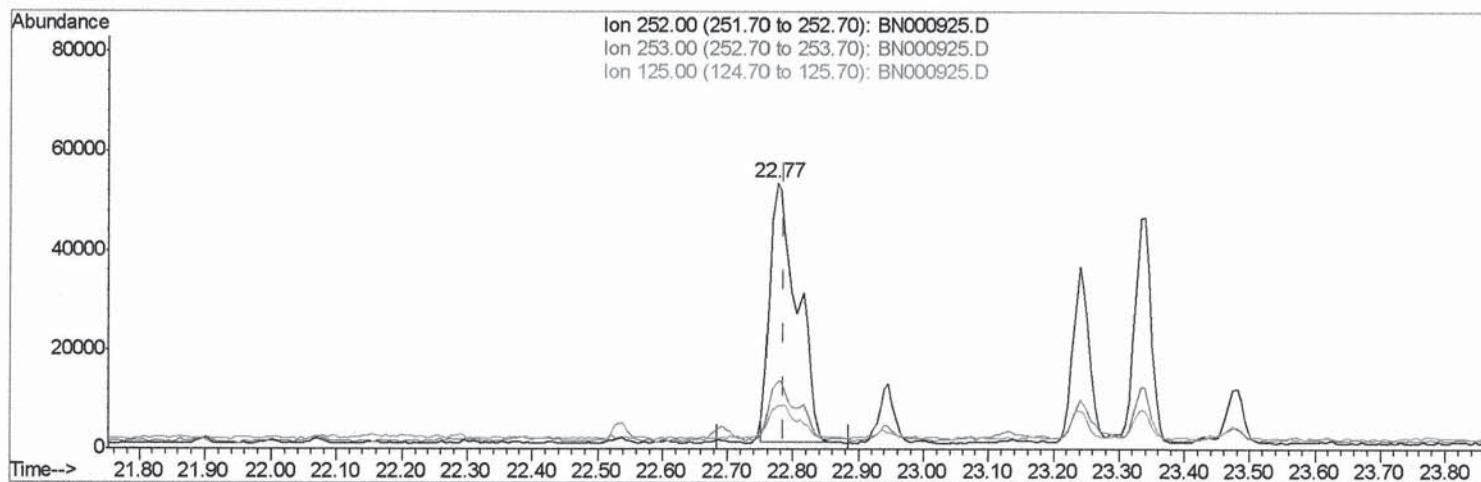
response 117088

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.59
125.00	10.00	16.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000925.D
 Acq On : 26 Apr 2018 10:51
 Operator : JU/SJ
 Sample : J2485-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 26 13:08:23 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000925.D

(24) Benzo(k)fluoranthene

22.775min (-0.012) 4.56ng/ul

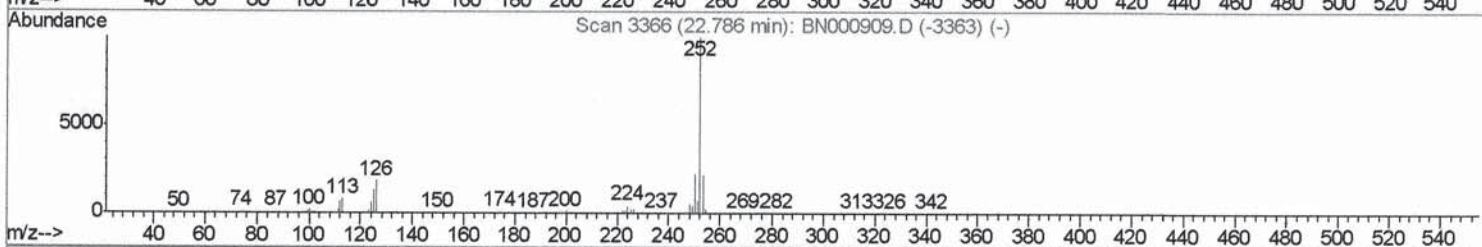
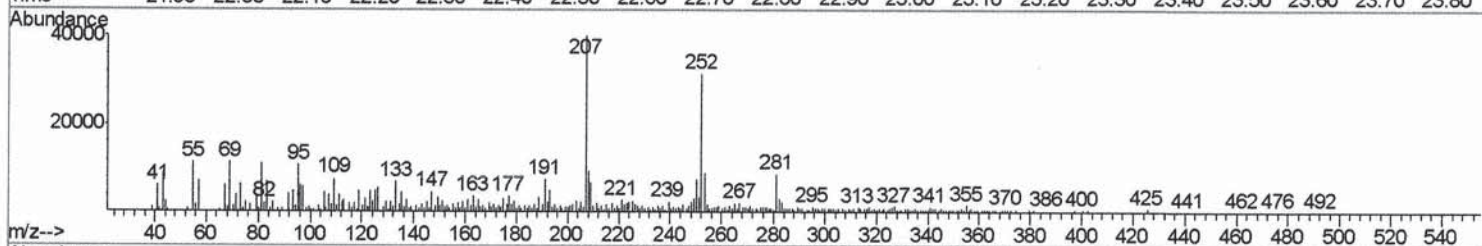
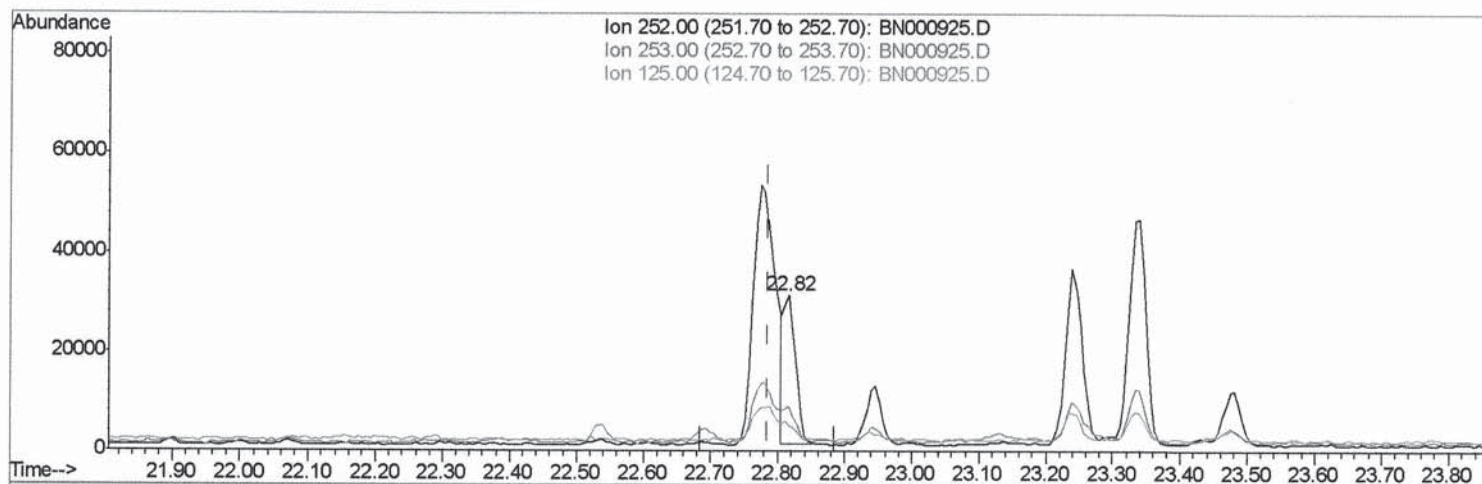
response 150469

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	25.59
125.00	10.10	16.20#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000925.D
 Acq On : 26 Apr 2018 10:51
 Operator : JU/SJ
 Sample : J2485-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 26 13:08:23 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000925.D

(24) Benzo(k)fluoranthene

22.816min (+0.030) 1.11ng/ul m

response 36464

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	28.48#
125.00	10.10	16.45#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000925.D
 Acq On : 26 Apr 2018 10:51
 Operator : JU/SJ
 Sample : J2485-19
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Quant Time: Apr 26 13:09:16 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	178072	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	717598	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	327900	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	600722	20.00	ng/ul	0.01
17) Chrysene-d12	21.23	240	545309	20.00	ng/ul	0.02
22) Perylene-d12	23.43	264	593179	20.00	ng/ul	0.04

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	980156	31.12	ng/ul	0.01
10) Fluorene-d10	15.26	176	650447	30.94	ng/ul	0.01
14) Anthracene-d10	17.11	188	889386	32.38	ng/ul	0.01
18) Pyrene-d10	19.42	212	903802	32.35	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.29	264	991331	35.38	ng/ul	0.04

Target Compounds

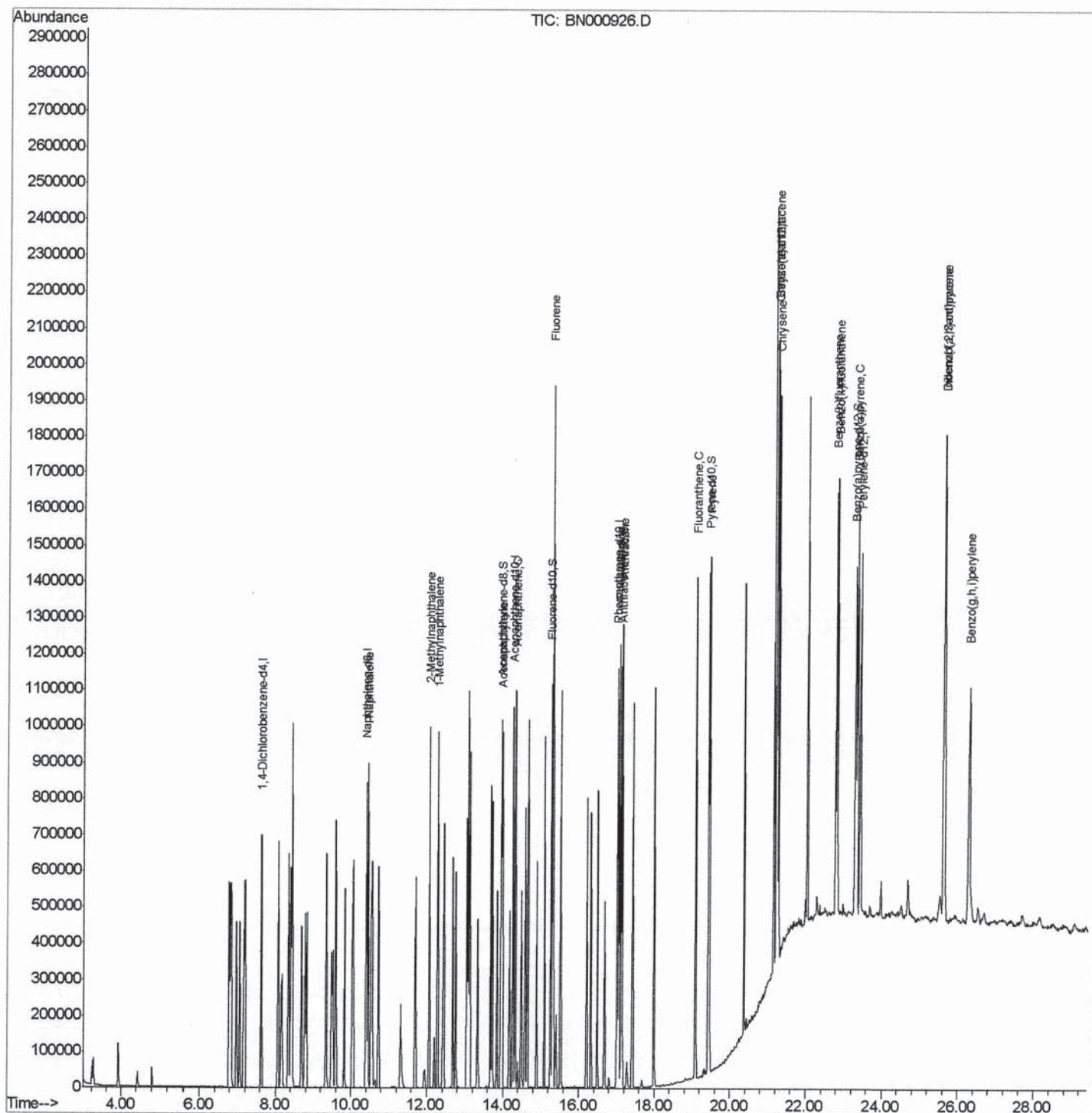
					Qvalue	
13) Phenanthrene	17.05	178	80854	2.468	ng/ul	98
16) Fluoranthene	19.08	202	147016	4.423	ng/ul	97
19) Pyrene	19.45	202	125306	3.577	ng/ul#	93
20) Benzo(a)anthracene	21.21	228	78321	2.403	ng/ul#	91
21) Chrysene	21.26	228	79968	2.610	ng/ul#	96
23) Benzo(b)fluoranthene	22.77	252	117088m	3.473	ng/ul	→ 2604/27/18
24) Benzo(k)fluoranthene	22.82	252	36464m	1.105	ng/ul	
26) Benzo(a)pyrene	23.34	252	79342	2.463	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	25.62	276	58308	1.498	ng/ul#	86
29) Benzo(g,h,i)perylene	26.29	276	55315	1.700	ng/ul#	83

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000926.D
 Acq On : 26 Apr 2018 11:26
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

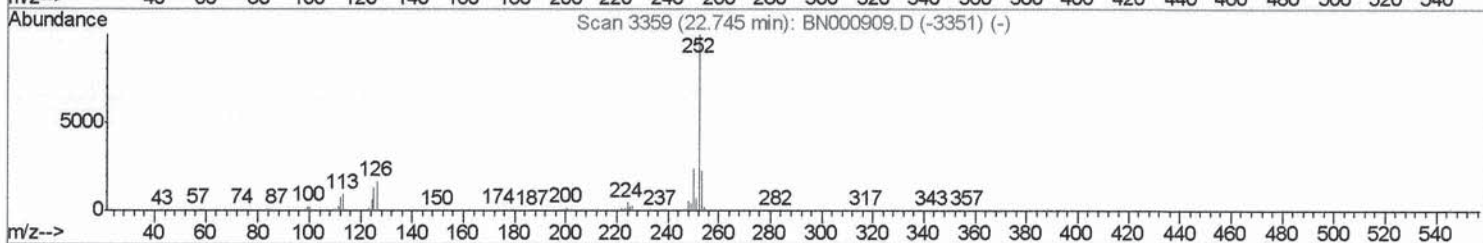
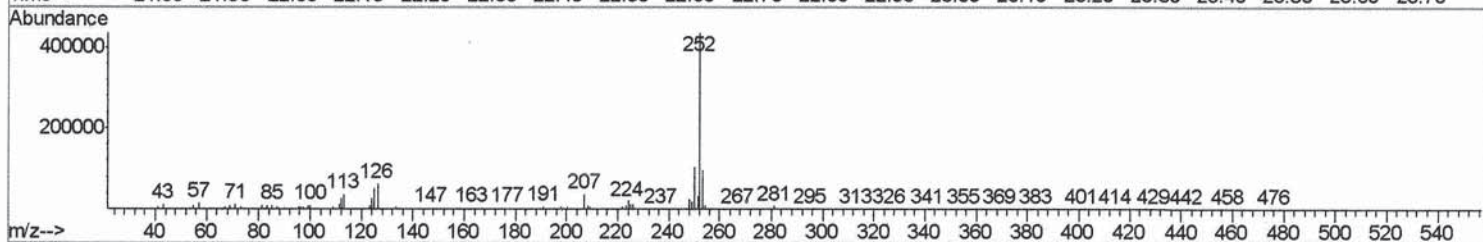
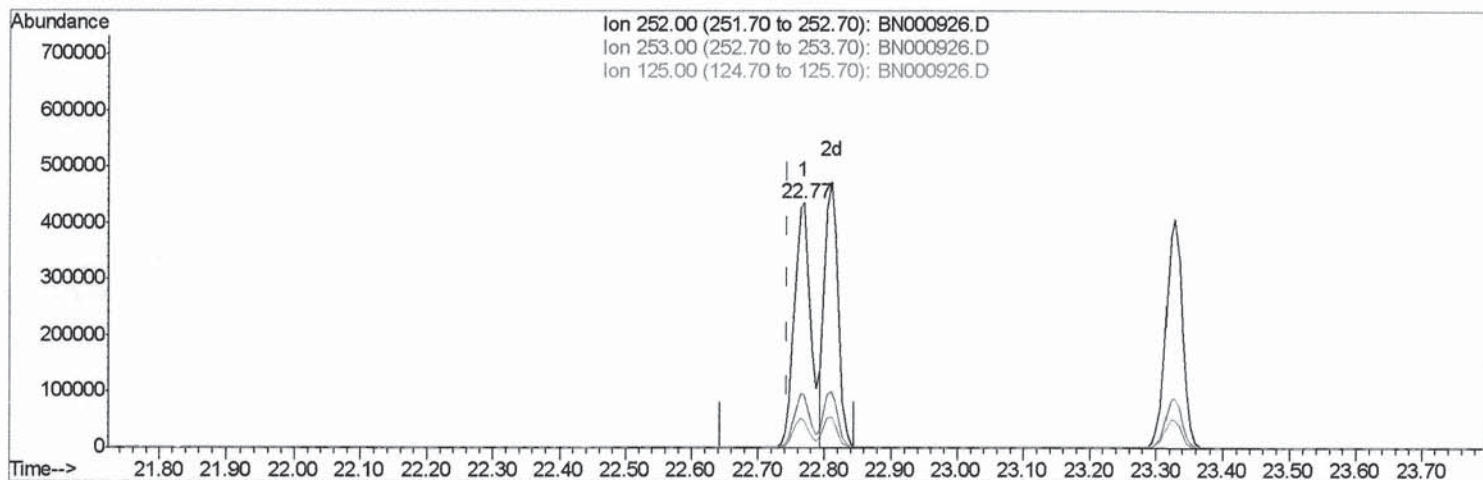
Quant Time: Apr 26 13:46:33 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
Data File : BN000926.D
Acq On : 26 Apr 2018 11:26
Operator : JU/SJ
Sample : SSTDCCC020EC
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 13:42:56 2018
Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 26 08:36:26 2018
Response via : Initial Calibration



TIC: BN000926.D

(23) Benzo(b)fluoranthene

22.769min (+0.024) 21.84ng/ul

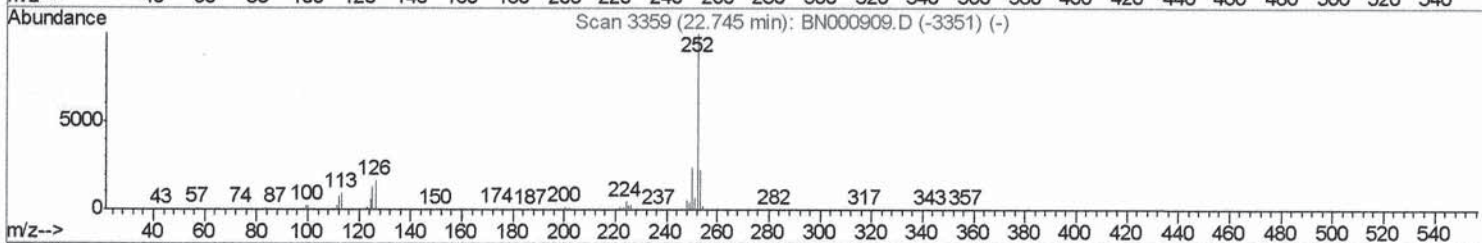
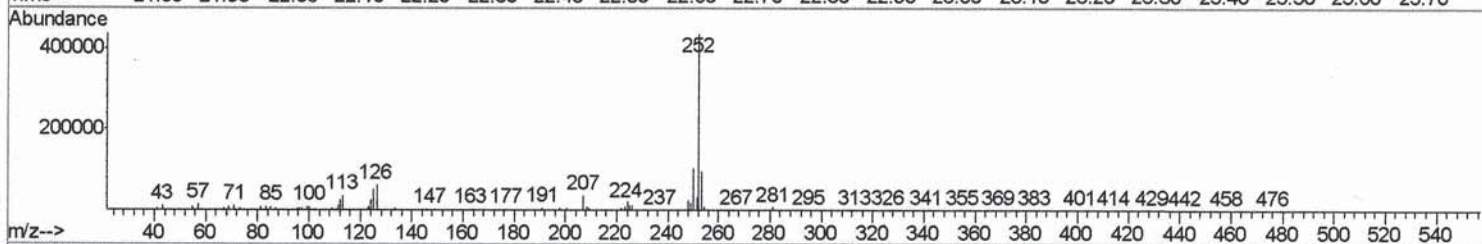
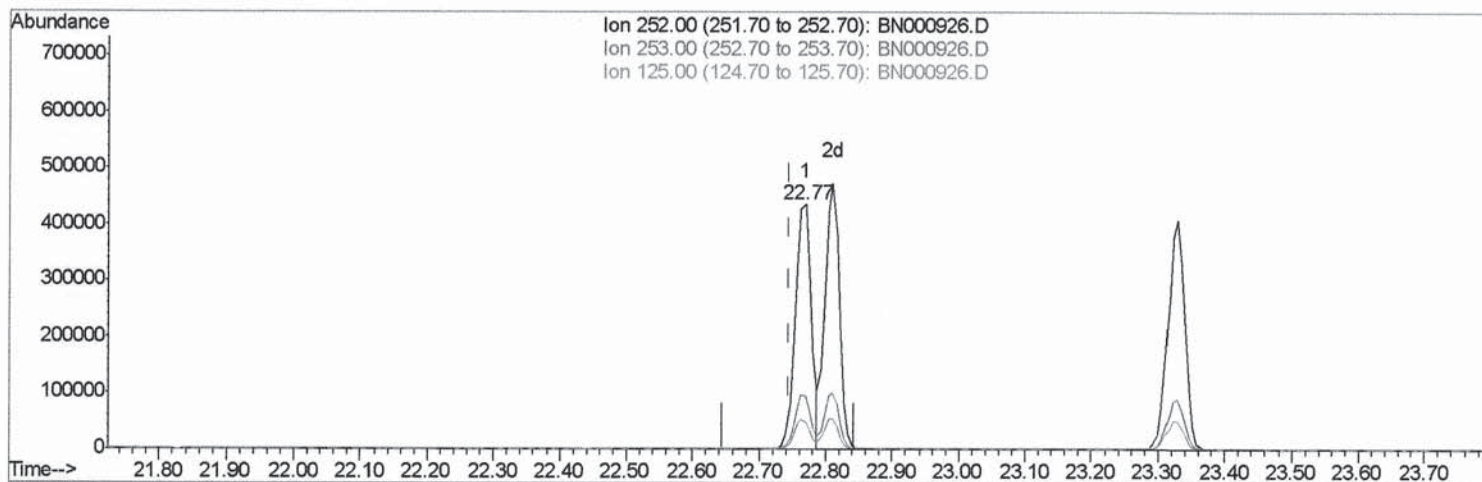
response 779971

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.86
125.00	10.00	11.49
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000926.D
 Acq On : 26 Apr 2018 11:26
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 13:42:56 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration



TIC: BN000926.D

(23) Benzo(b)fluoranthene

22.769min (+0.024) 20.53ng/ui m

response 733205

Ion	Exp%	Act%
252.00	100	100
253.00	22.50	21.86
125.00	10.00	11.49
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_N\Data\BN042518\
 Data File : BN000926.D
 Acq On : 26 Apr 2018 11:26
 Operator : JU/SJ
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Quant Time: Apr 26 13:46:33 2018
 Quant Method : Z:\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 08:36:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	171853	20.00	ng/ul	0.00
2) Naphthalene-d8	10.40	136	676123	20.00	ng/ul	0.01
6) Acenaphthene-d10	14.26	164	322110	20.00	ng/ul	0.01
12) Phenanthrene-d10	17.01	188	627076	20.00	ng/ul	0.01
17) Chrysene-d12	21.22	240	587438	20.00	ng/ul	0.01
22) Perylene-d12	23.42	264	628313	20.00	ng/ul	0.03

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	658983	21.30	ng/ul	0.01
10) Fluorene-d10	15.26	176	417738	20.23	ng/ul	0.00
14) Anthracene-d10	17.11	188	607596	21.19	ng/ul	0.01
18) Pyrene-d10	19.42	212	619115	20.57	ng/ul	0.01
25) Benzo(a)pyrene-d12	23.28	264	627736	21.15	ng/ul	0.02

Target Compounds

					Qvalue	
3) Naphthalene	10.45	128	700106	20.546	ng/ul	100
4) 2-Methylnaphthalene	12.06	142	453037	19.927	ng/ul	99
5) 1-Methylnaphthalene	12.29	142	445018	19.956	ng/ul	94
8) Acenaphthylene	13.98	152	634284	20.716	ng/ul	99
9) Acenaphthene	14.33	153	434088	20.520	ng/ul	96
11) Fluorene	15.32	166	455257	20.216	ng/ul	94
13) Phenanthrene	17.06	178	688763	20.139	ng/ul	100
15) Anthracene	17.15	178	700204	20.411	ng/ul	99
16) Fluoranthene	19.08	202	765206	22.052	ng/ul	95
19) Pyrene	19.45	202	763186	20.226	ng/ul#	92
20) Benzo(a)anthracene	21.20	228	716059	20.391	ng/ul	98
21) Chrysene	21.26	228	668465	20.253	ng/ul	99
23) Benzo(b)fluoranthene	22.77	252	733205m	20.534	ng/ul	97
24) Benzo(k)fluoranthene	22.81	252	707465	20.248	ng/ul	97
26) Benzo(a)pyrene	23.33	252	709882	20.802	ng/ul#	97
27) Indeno(1,2,3-cd)pyrene	25.61	276	860694	20.882	ng/ul#	87
28) Dibenzo(a,h)anthracene	25.62	278	716708	20.864	ng/ul	98
29) Benzo(g,h,i)perylene	26.28	276	719725	20.878	ng/ul#	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed