

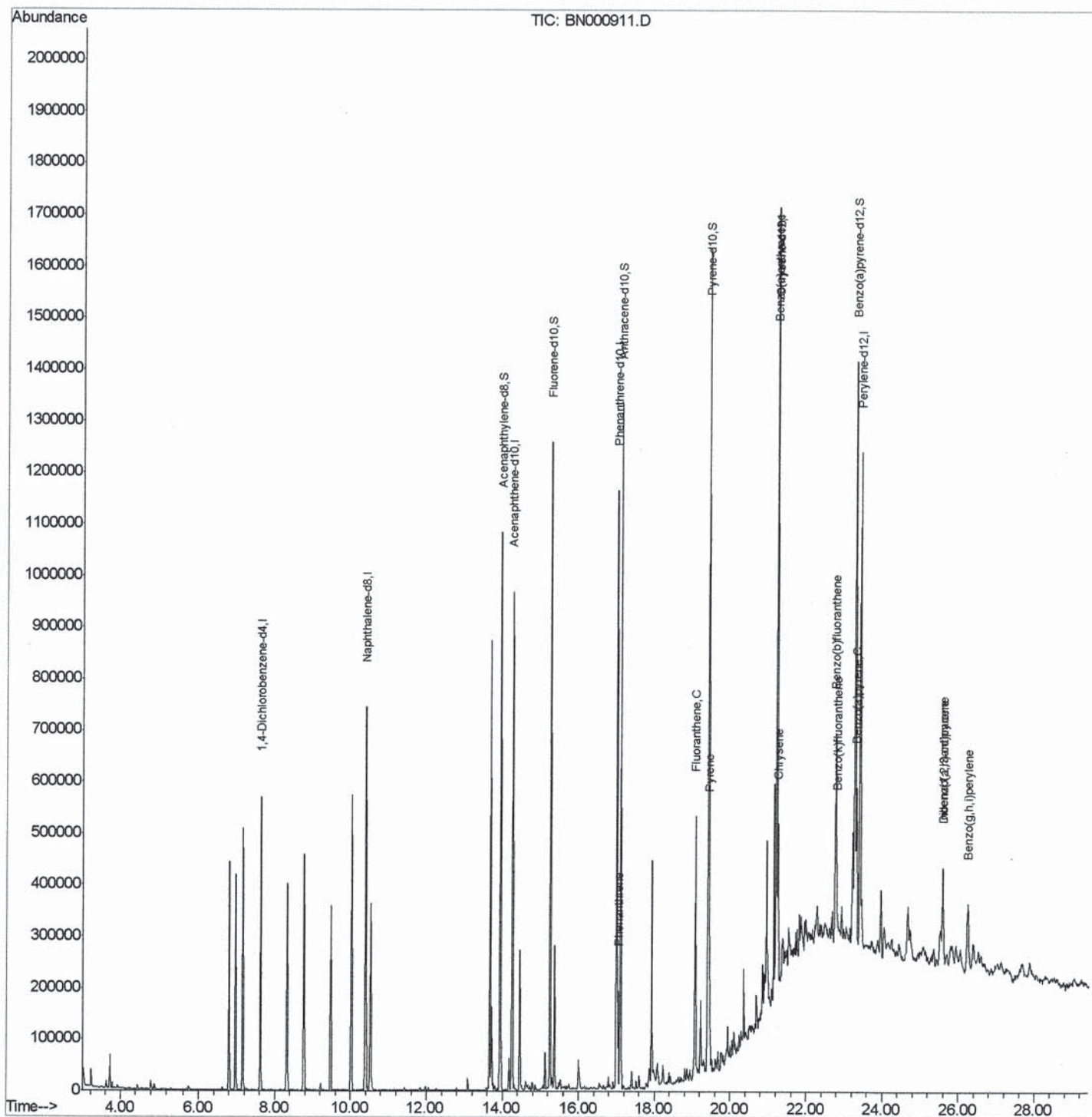
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000911.D
Acq On : 26 Apr 2018 02:46
Operator : JU/SJ
Sample : J2443-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
Client Sampled :
DARR9

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:13 PM

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)

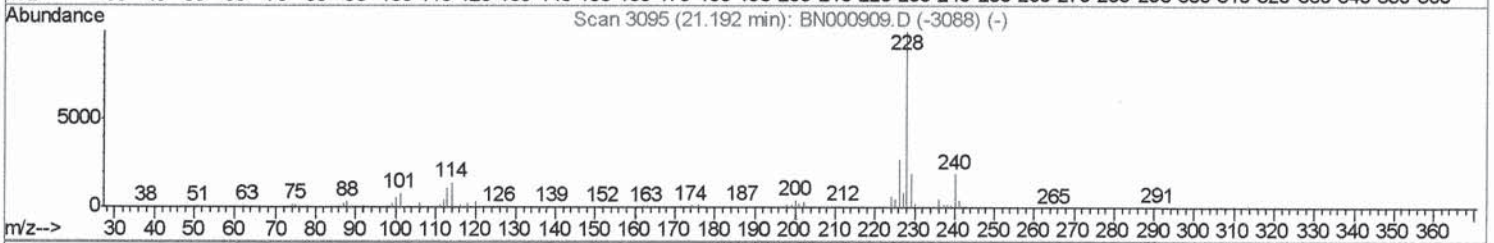
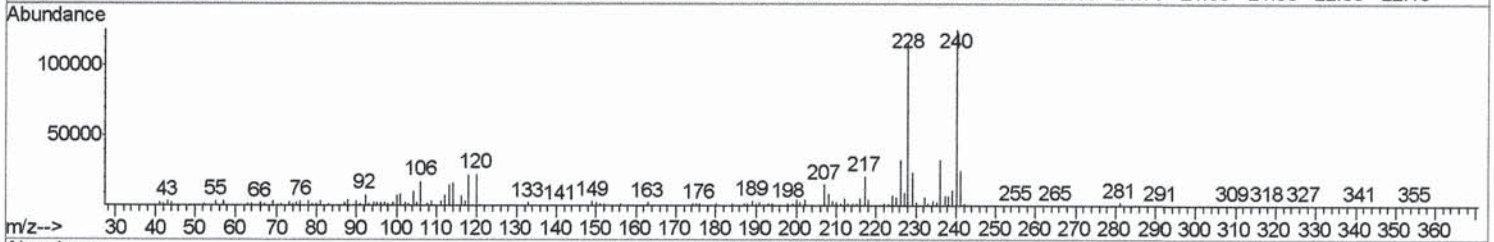
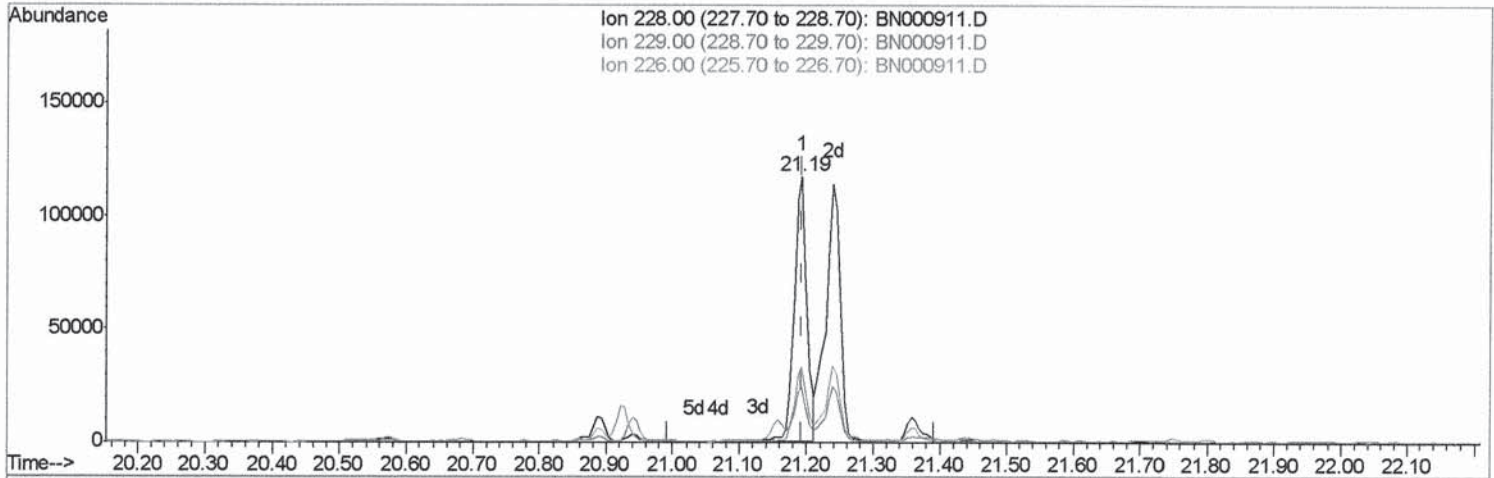
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
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Manual Integrations
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TIC: BN000911.D

(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)

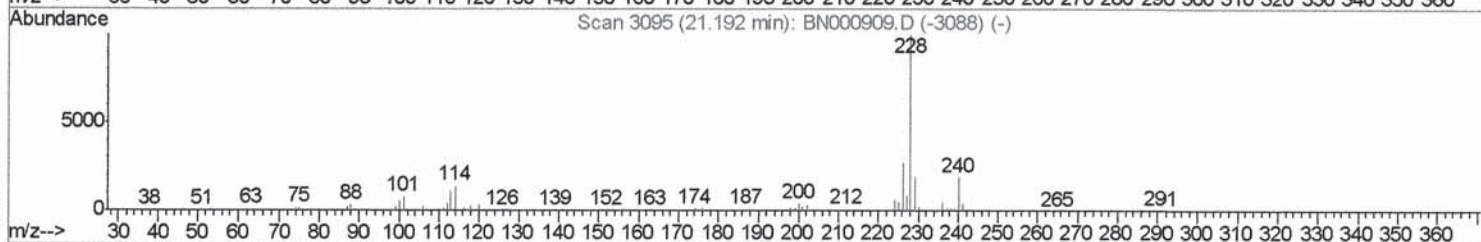
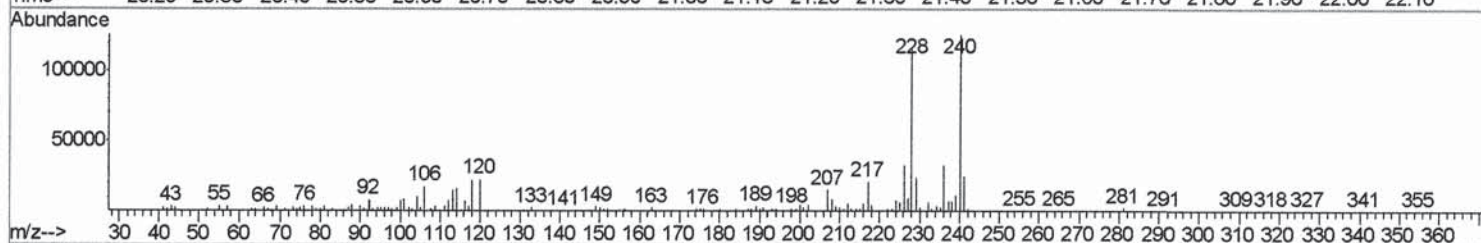
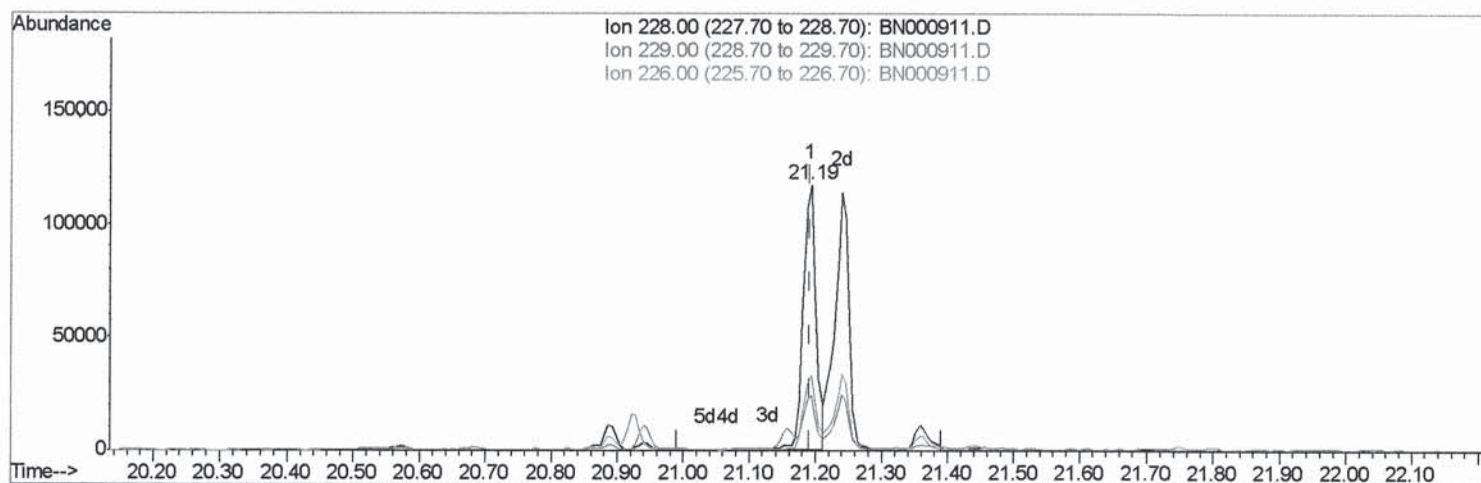
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000911.D
Acq On : 26 Apr 2018 02:46
Operator : JU/SJ
Sample : J2443-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DARR9

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:13 PM

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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
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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)

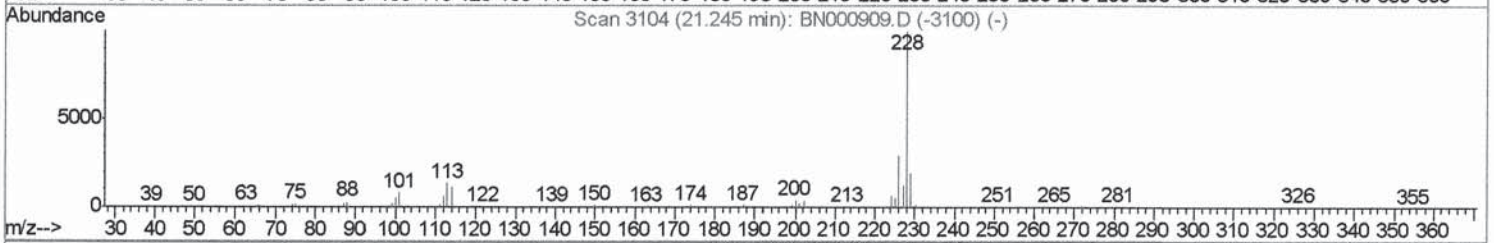
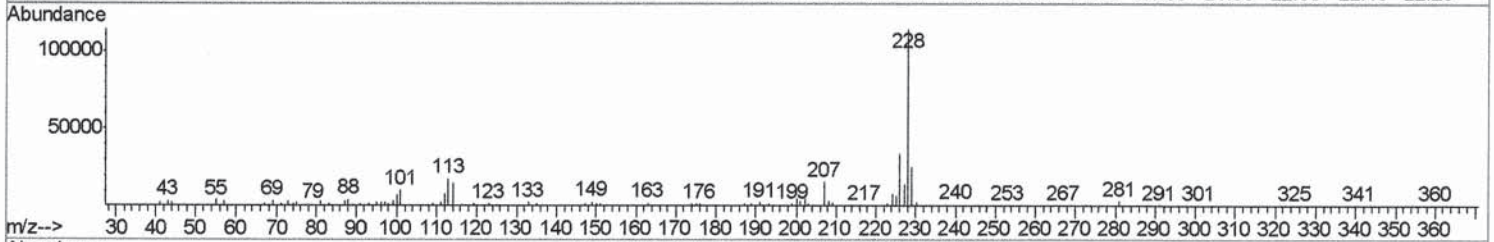
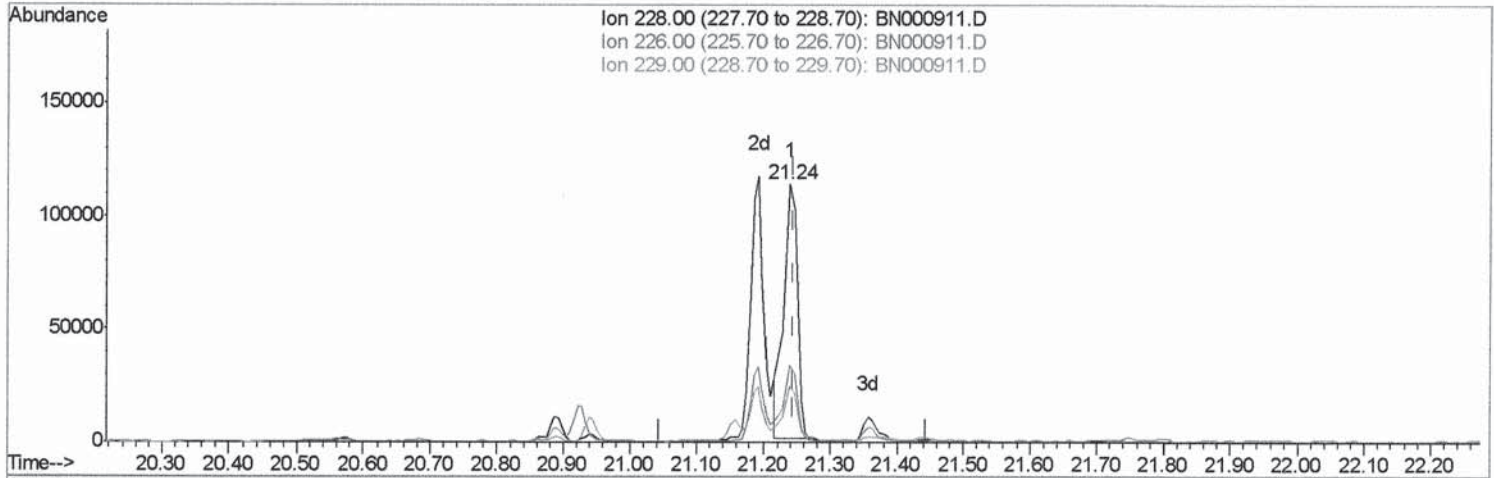
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARR9

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:13 PM

Quant Time: Apr 26 08:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
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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)

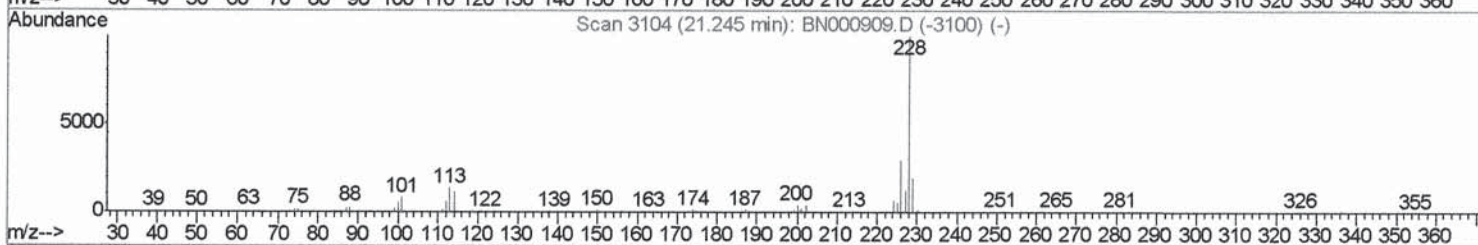
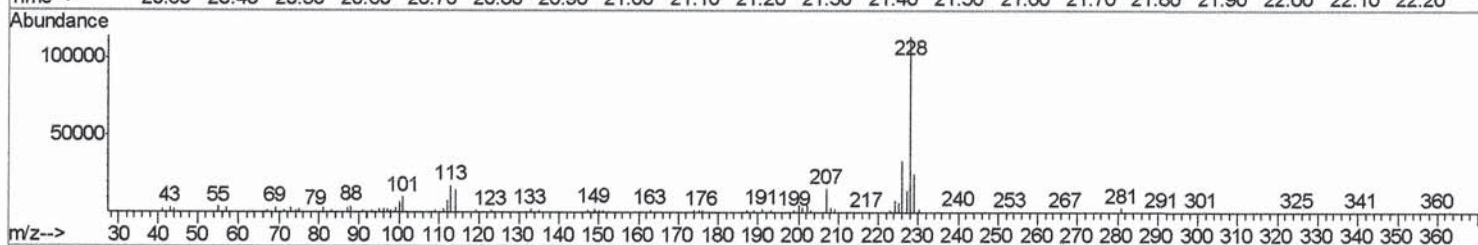
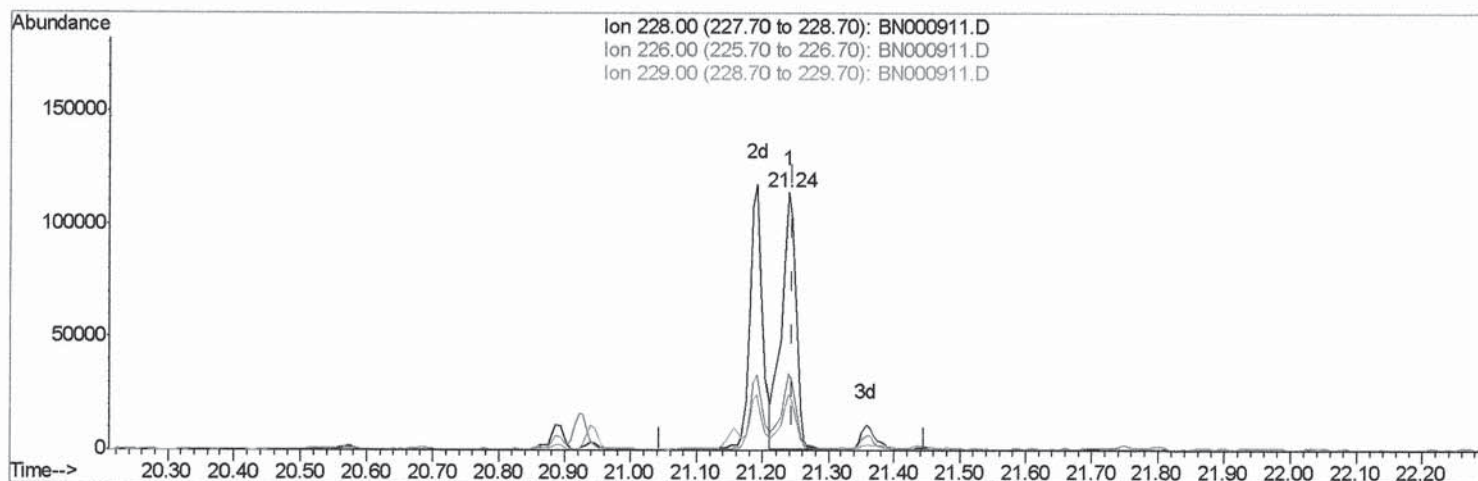
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000911.D
Acq On : 26 Apr 2018 02:46
Operator : JU/SJ
Sample : J2443-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DARR9

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:13 PM

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

Quantitation Report (Qedit)

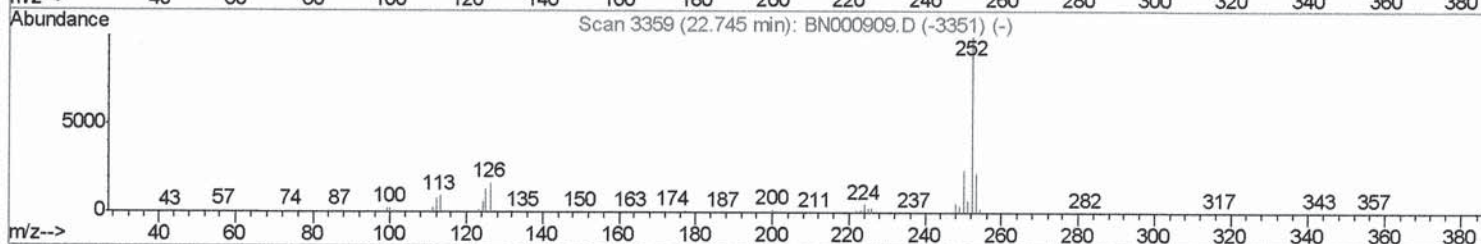
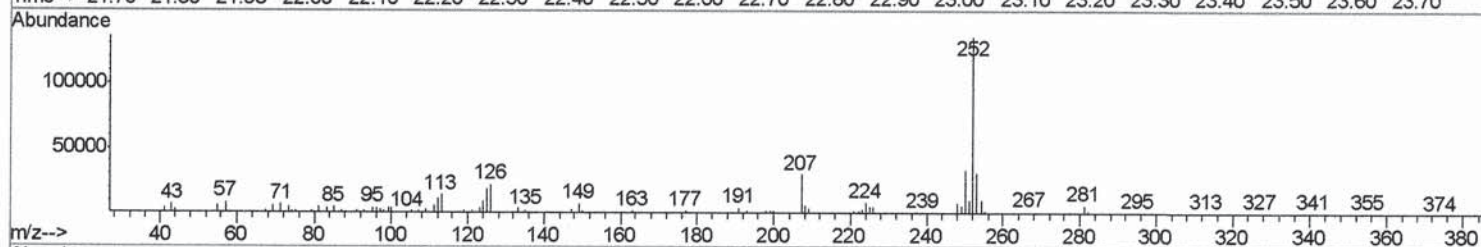
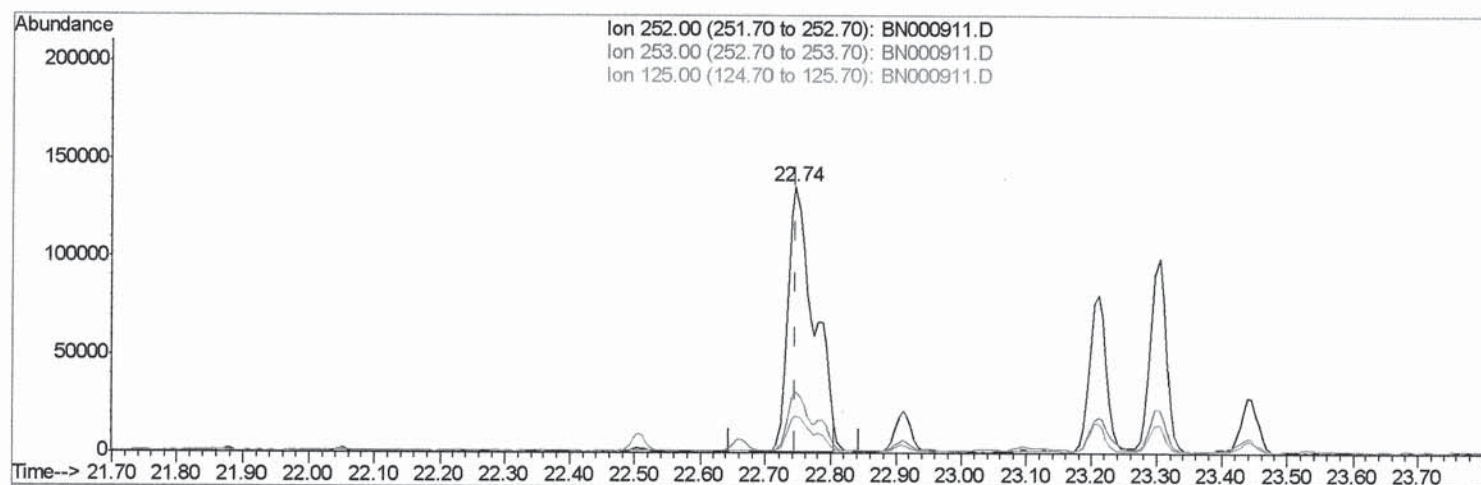
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000911.D
Acq On : 26 Apr 2018 02:46
Operator : JU/SJ
Sample : J2443-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DARR9

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:13 PM

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Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
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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)

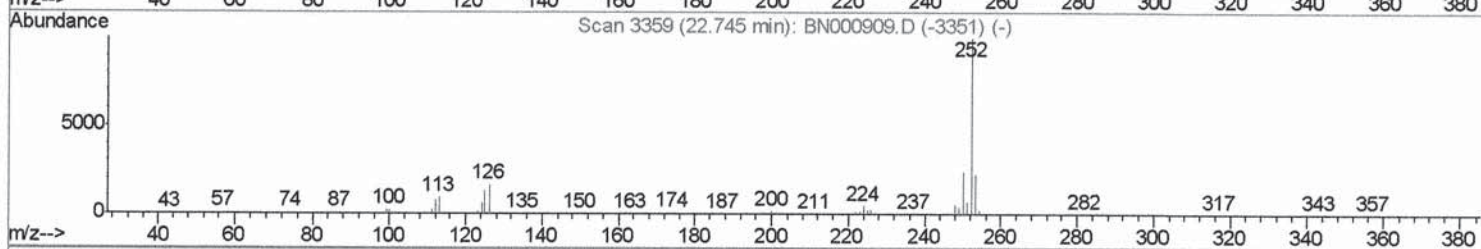
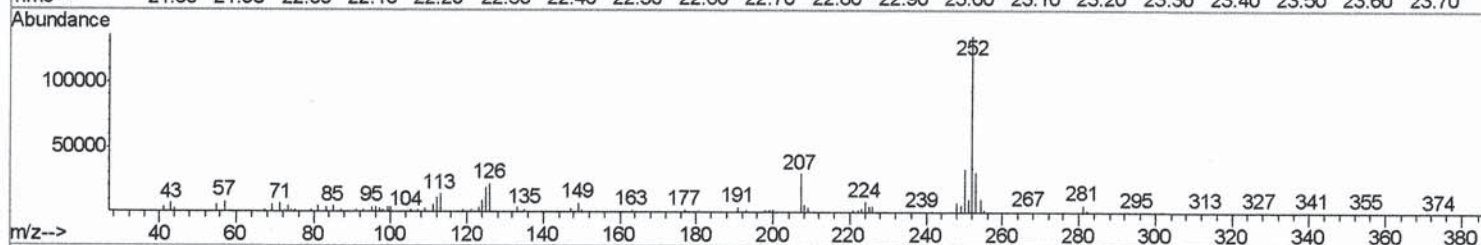
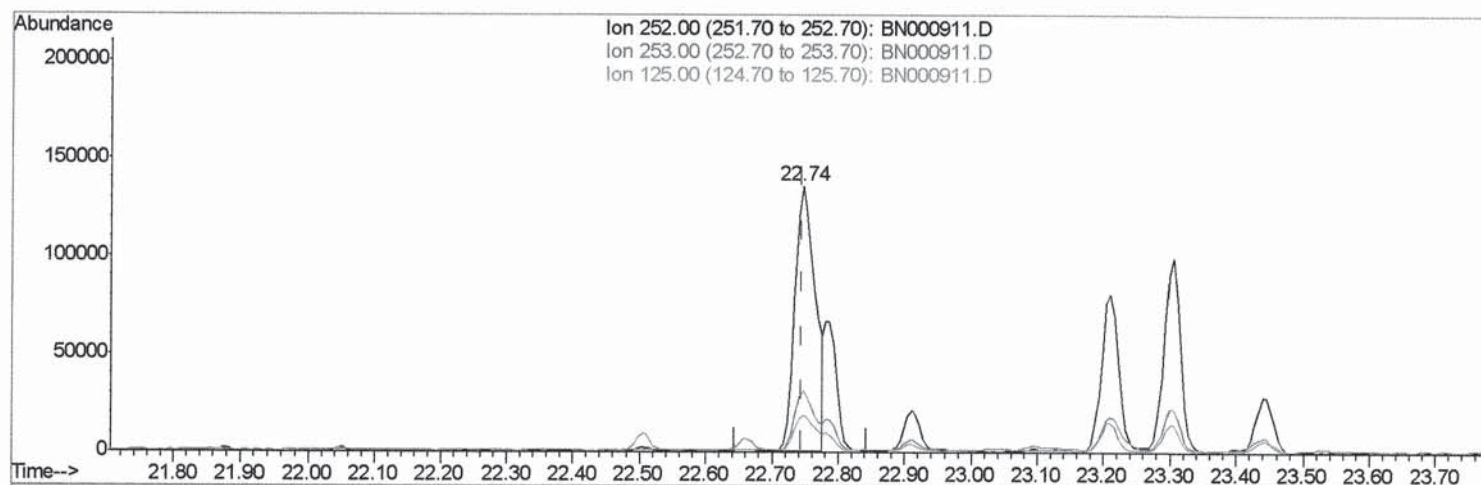
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000911.D
Acq On : 26 Apr 2018 02:46
Operator : JU/SJ
Sample : J2443-22
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :
DARR9

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:13 PM

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

Quantitation Report (Qedit)

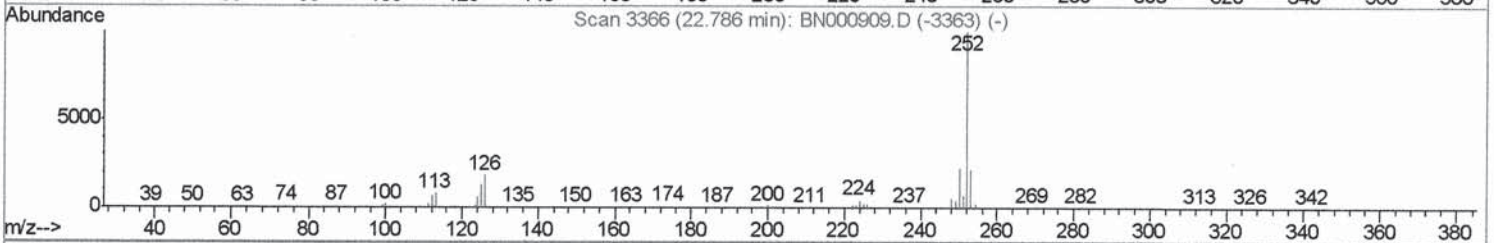
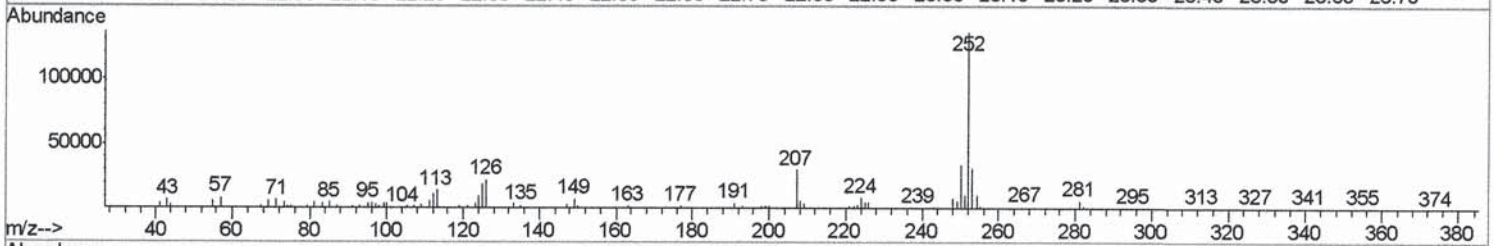
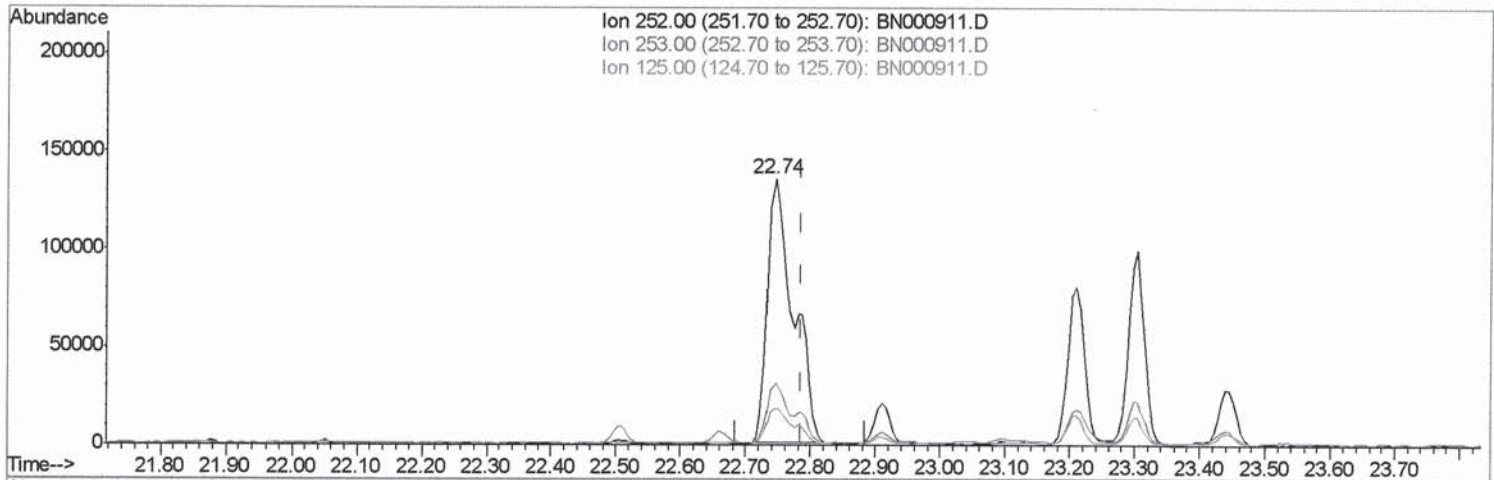
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampled :
 DARR9

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:13 PM

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 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
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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)

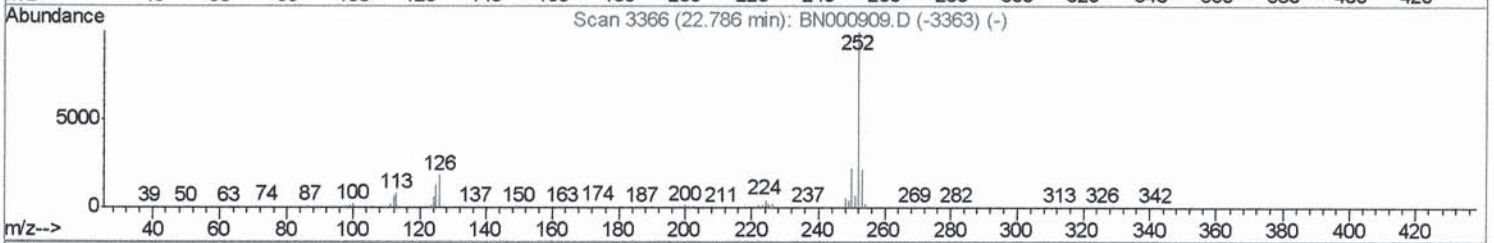
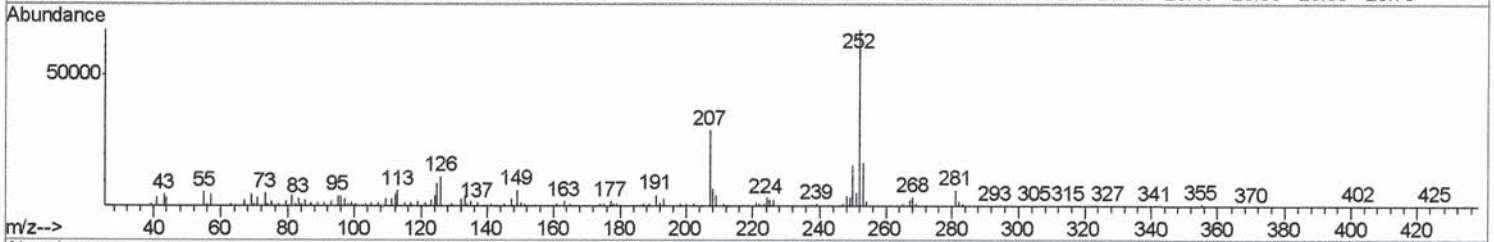
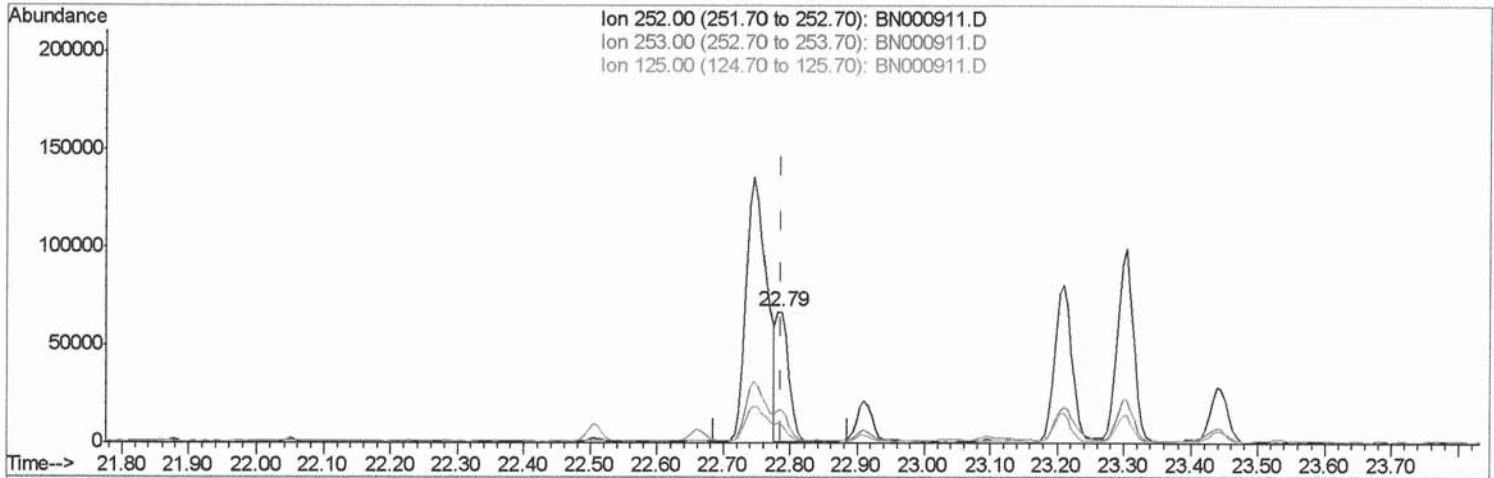
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
 Acq On : 26 Apr 2018 02:46
 Operator : JU/SJ
 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DARR9

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:13 PM

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

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000911.D
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 Sample : J2443-22
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
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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