

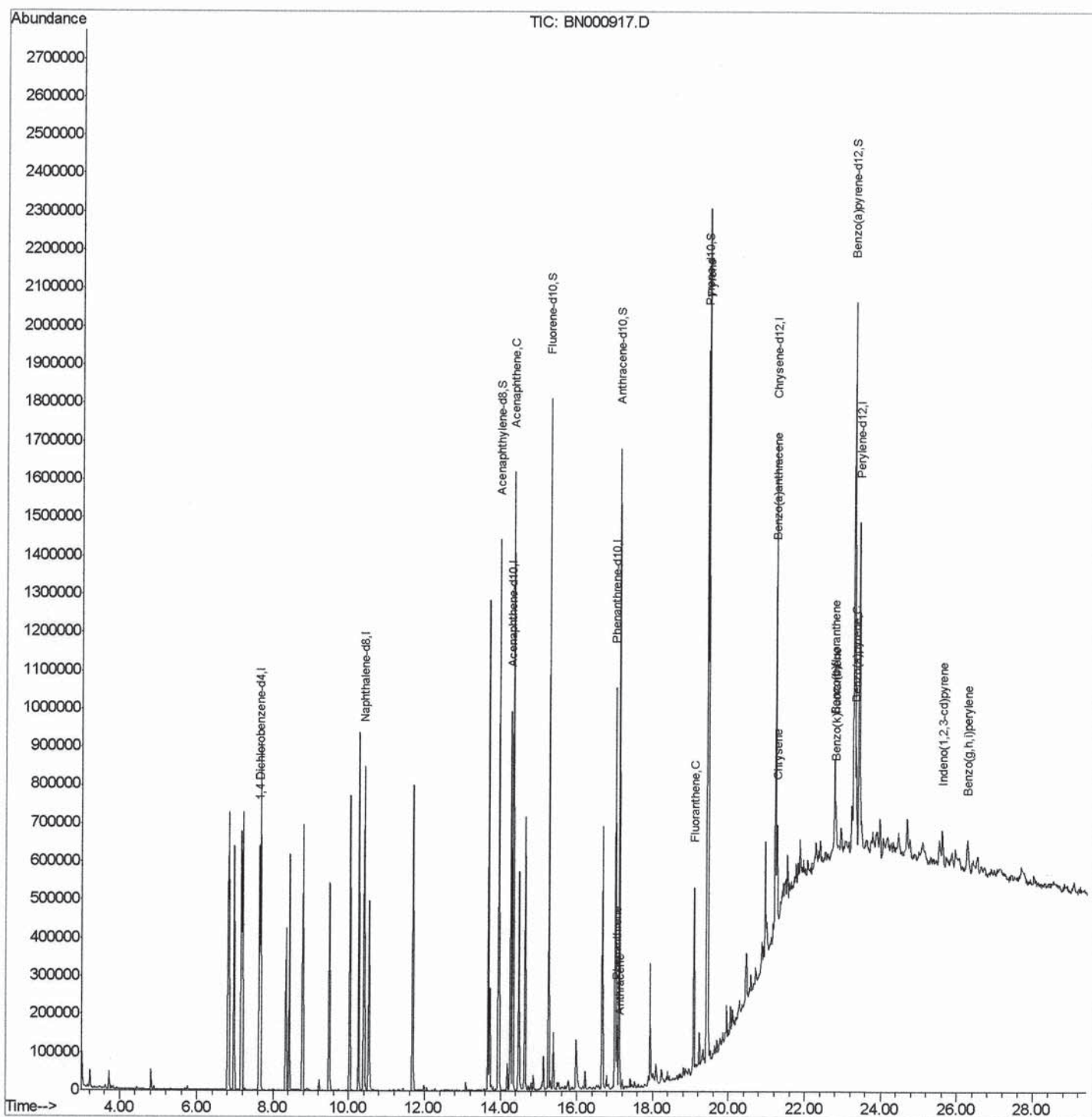
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000917.D
Acq On : 26 Apr 2018 06:14
Operator : JU/SJ
Sample : J2444-19MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS24MS

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:47 PM

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)

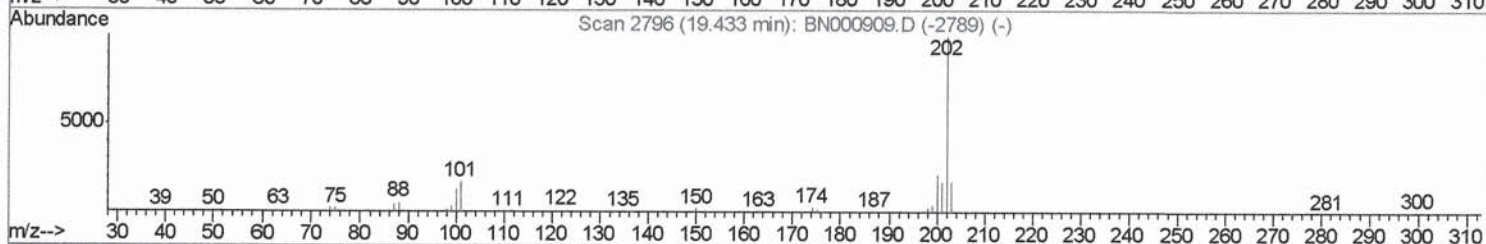
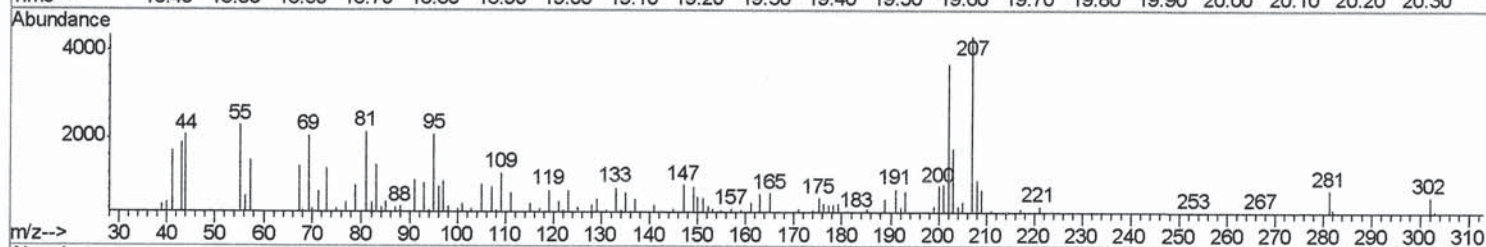
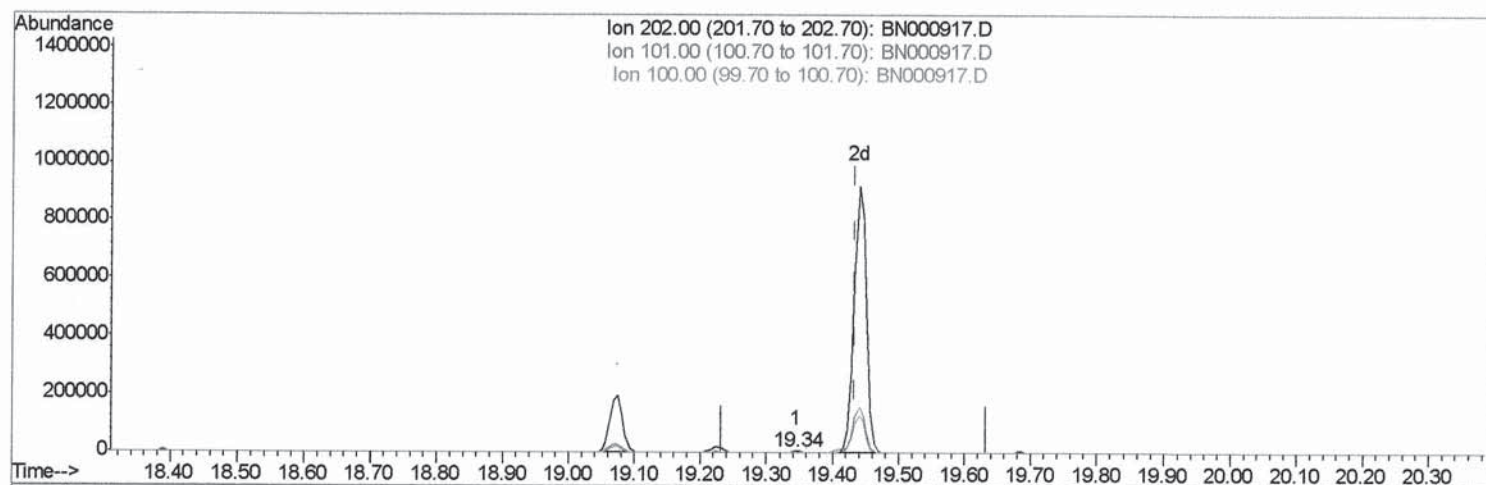
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
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Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:47 PM

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
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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)

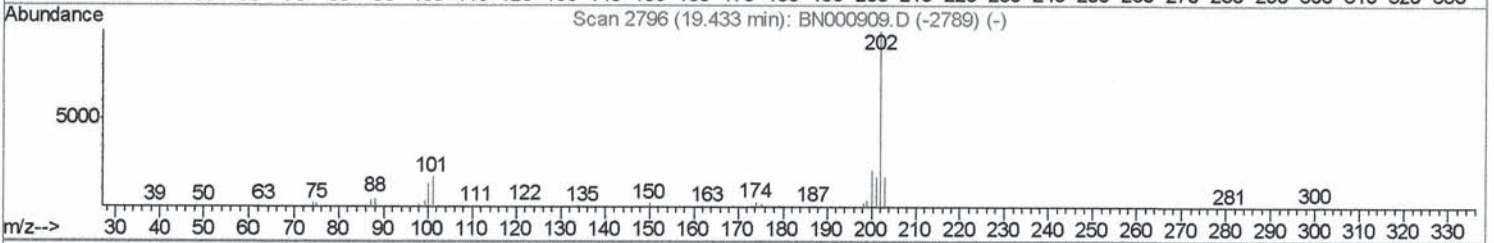
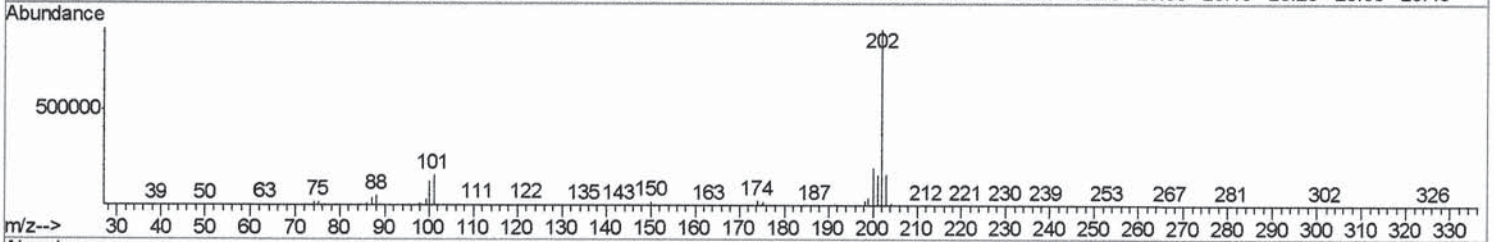
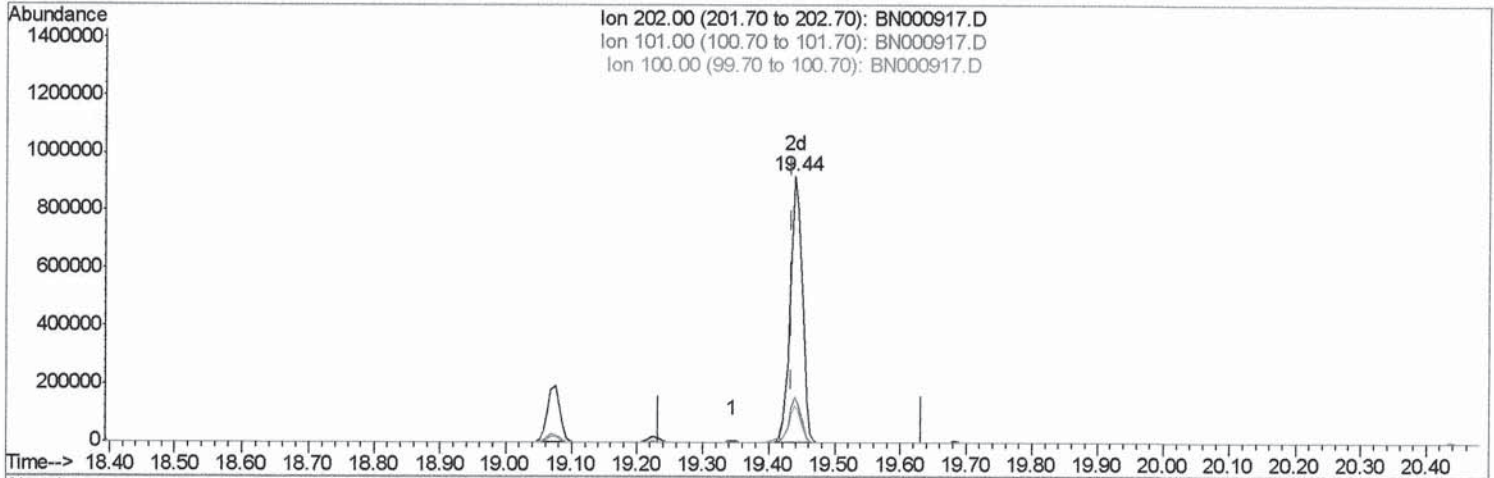
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
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Manual Integrations
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TIC: BN000917.D

(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

Quantitation Report (Qedit)

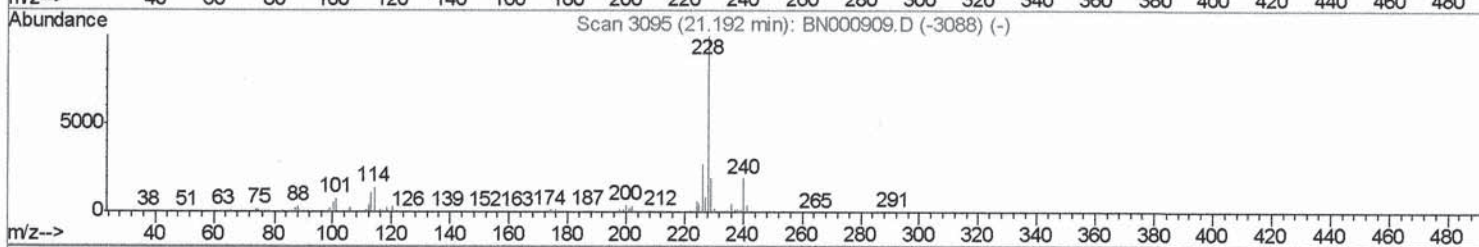
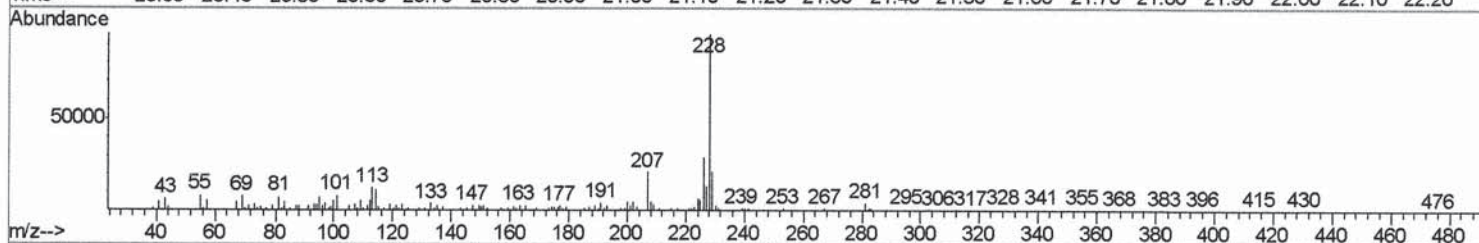
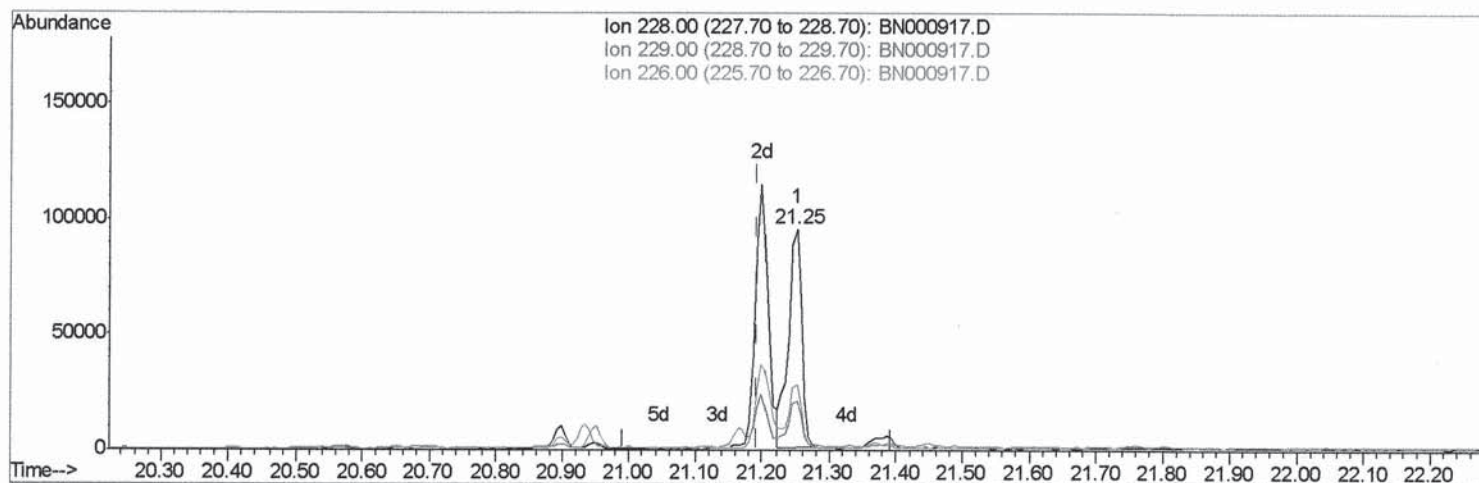
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
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Manual Integrations
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TIC: BN000917.D

(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)

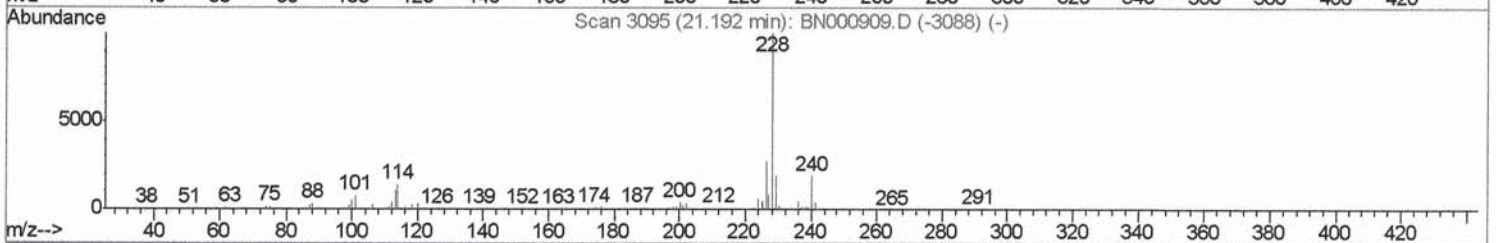
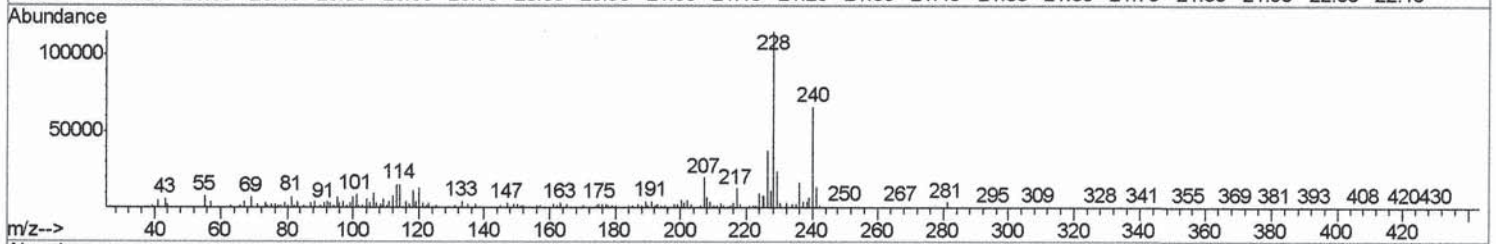
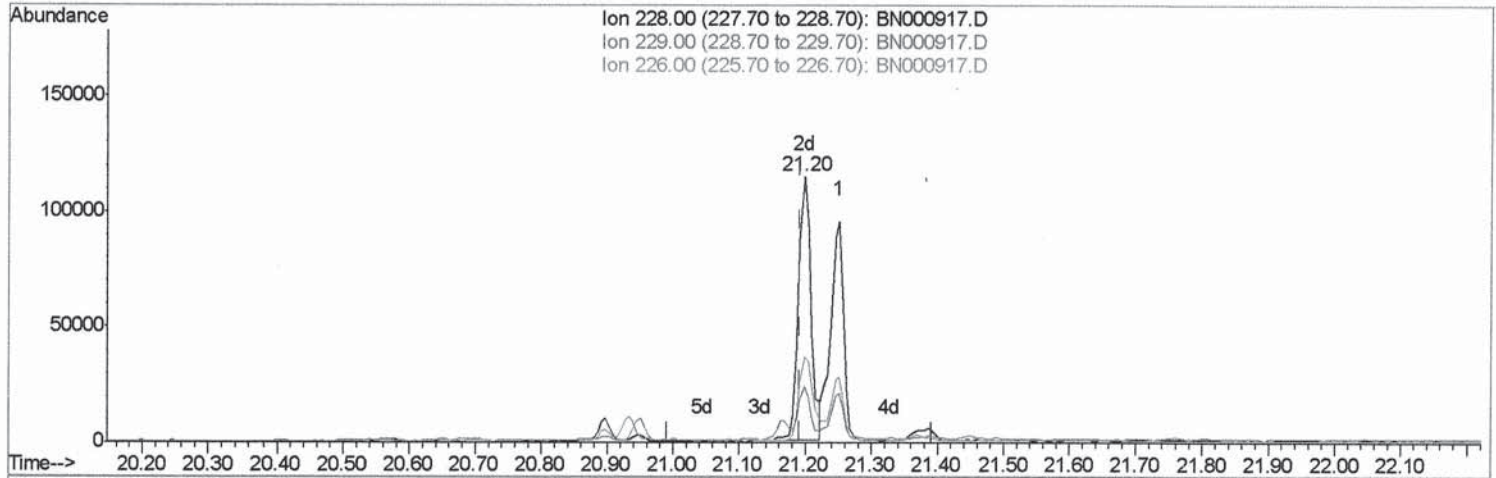
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
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Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:47 PM

Quant Time: Apr 26 08:38:51 2018
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 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)

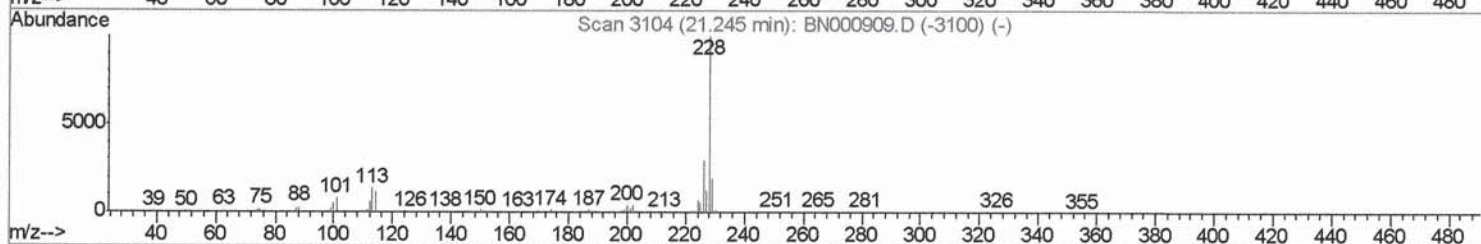
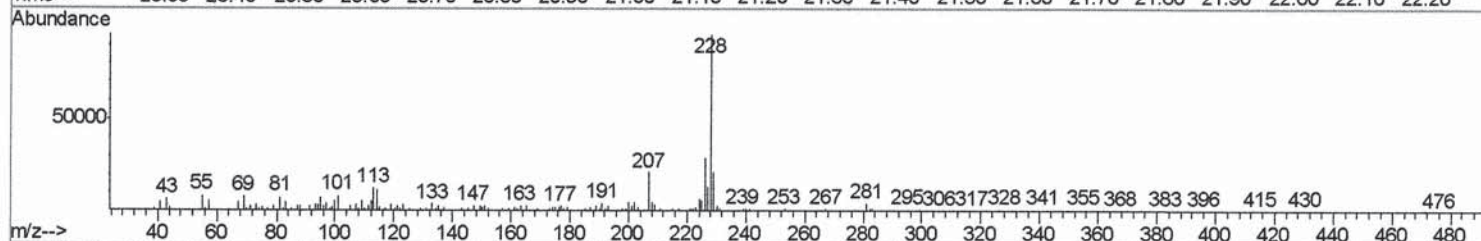
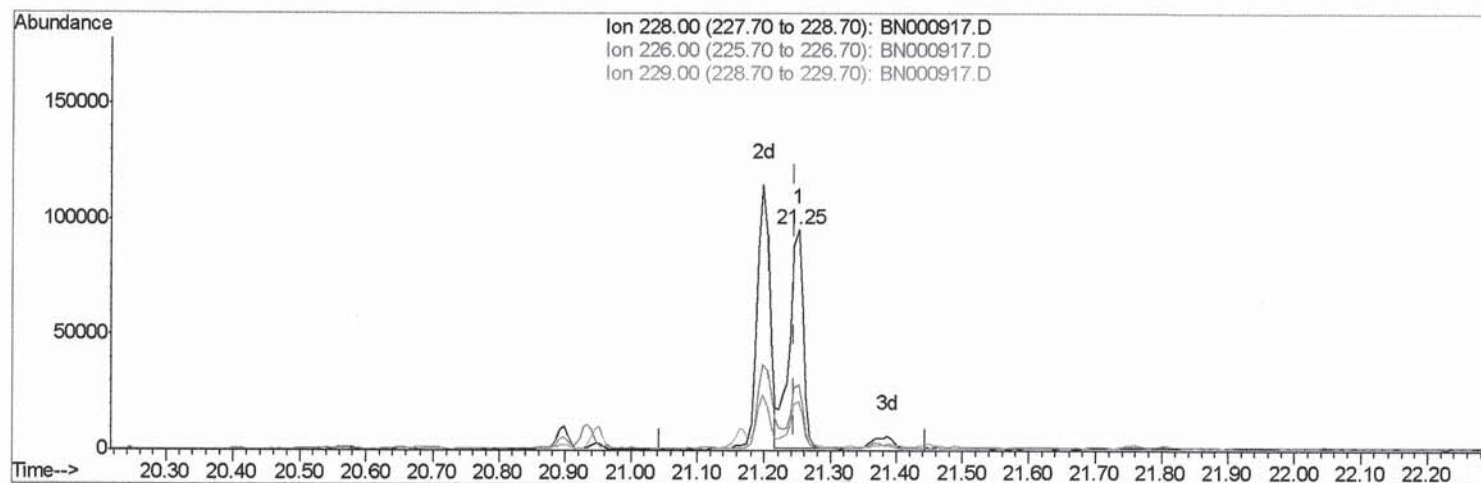
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000917.D
Acq On : 26 Apr 2018 06:14
Operator : JU/SJ
Sample : J2444-19MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DAS24MS

Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:47 PM

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)

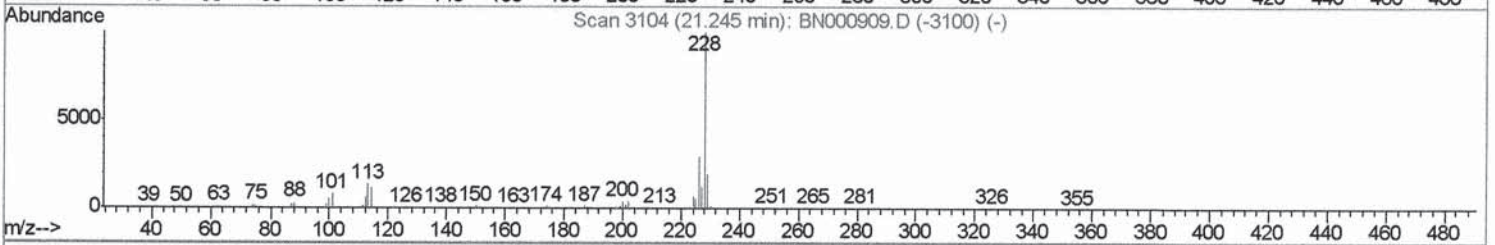
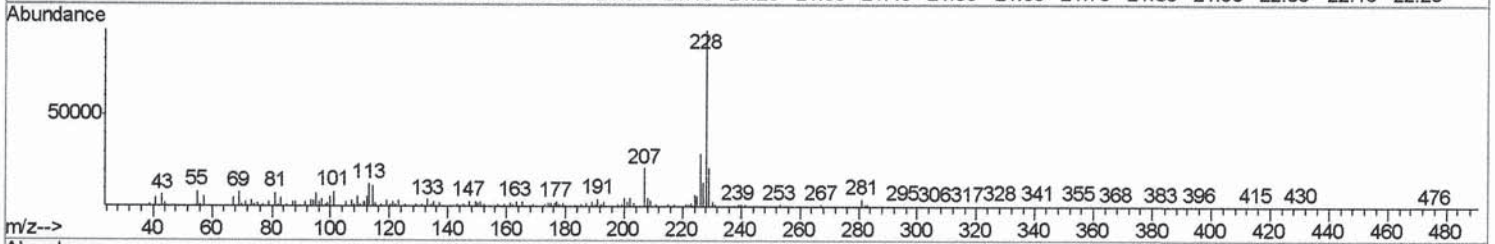
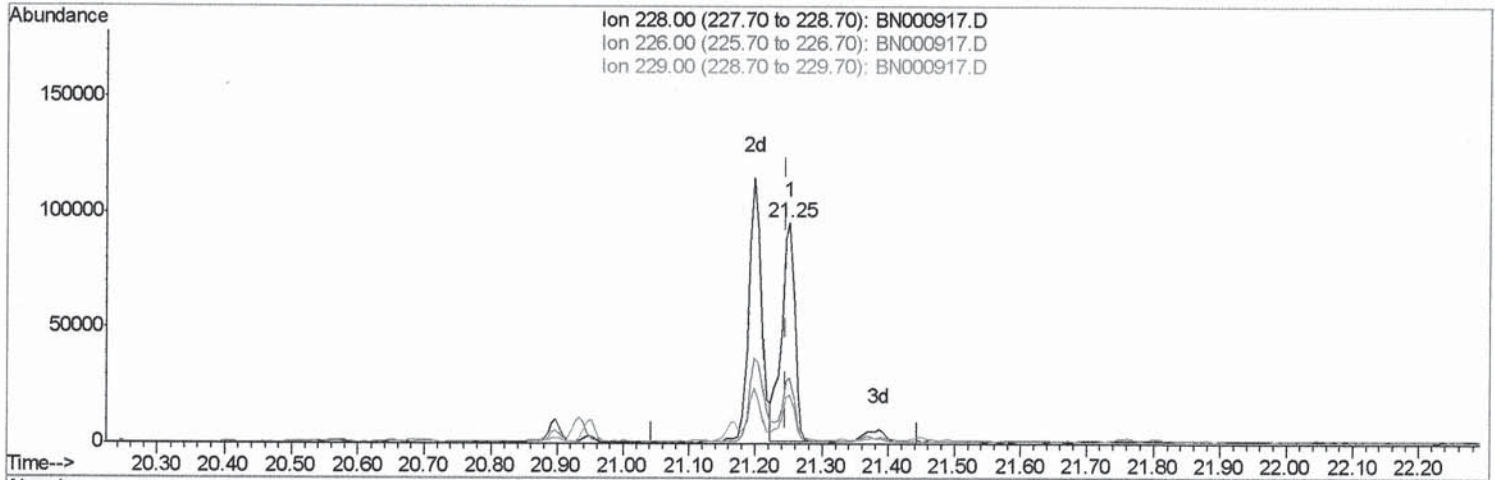
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS24MS

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:47 PM

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)

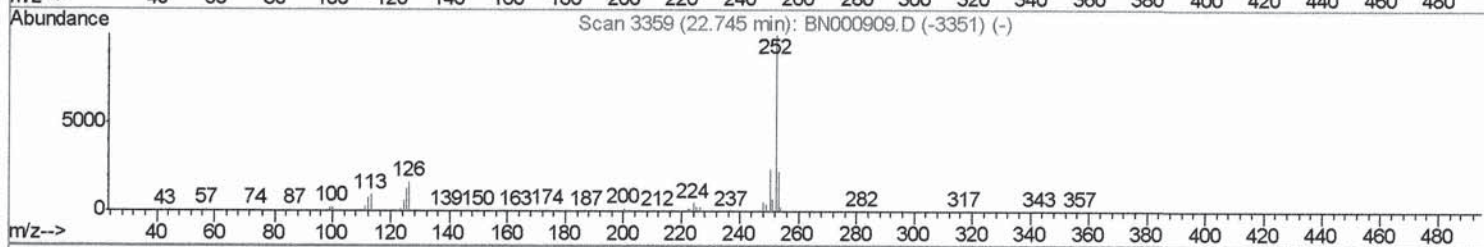
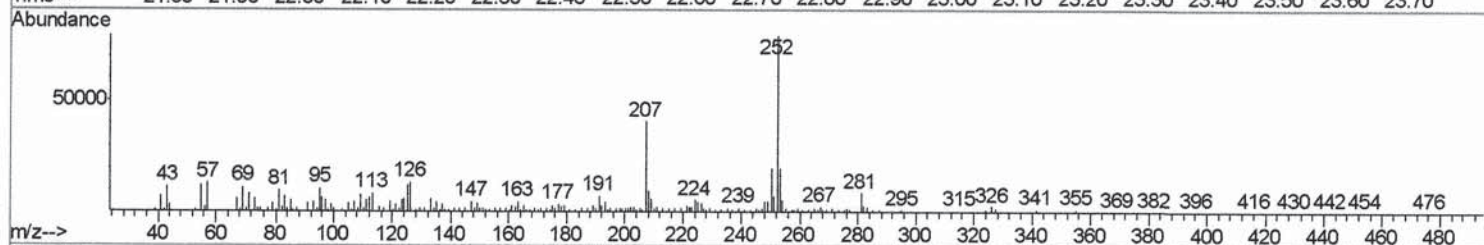
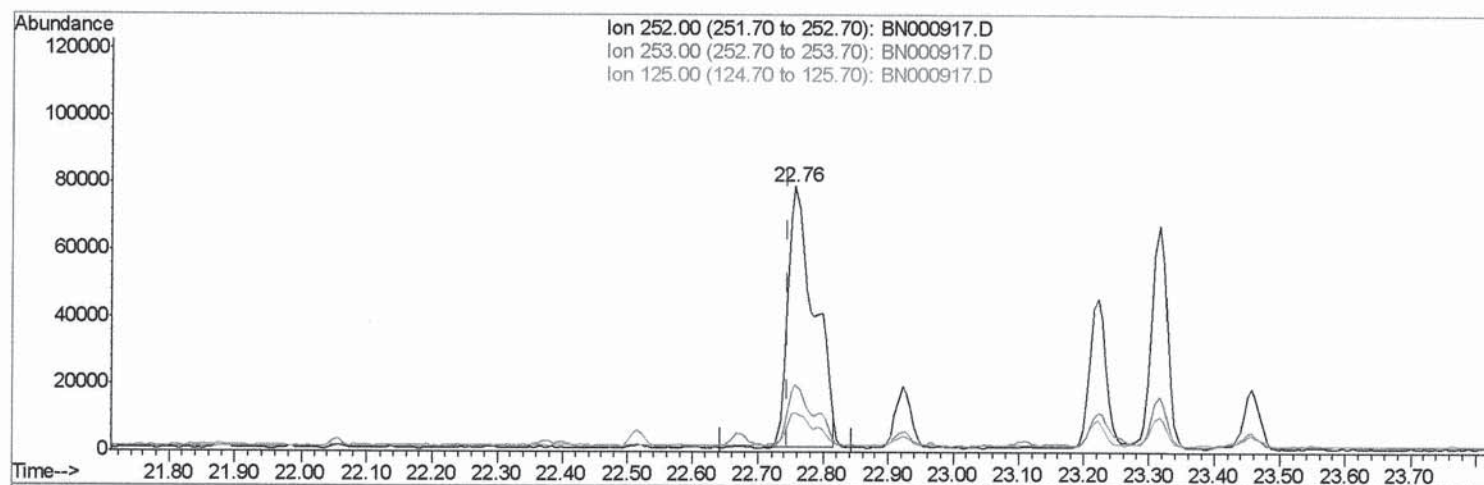
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
Data File : BN000917.D
Acq On : 26 Apr 2018 06:14
Operator : JU/SJ
Sample : J2444-19MS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations
APPROVED

Sohil
4/26/2018 6:23:47 PM

Quant Time: Apr 26 08:38:51 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
Quant Title : SVOA CALIBRATION
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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)

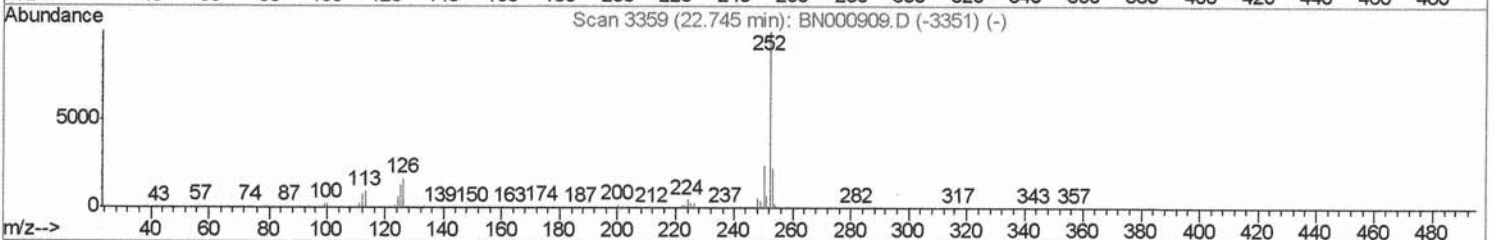
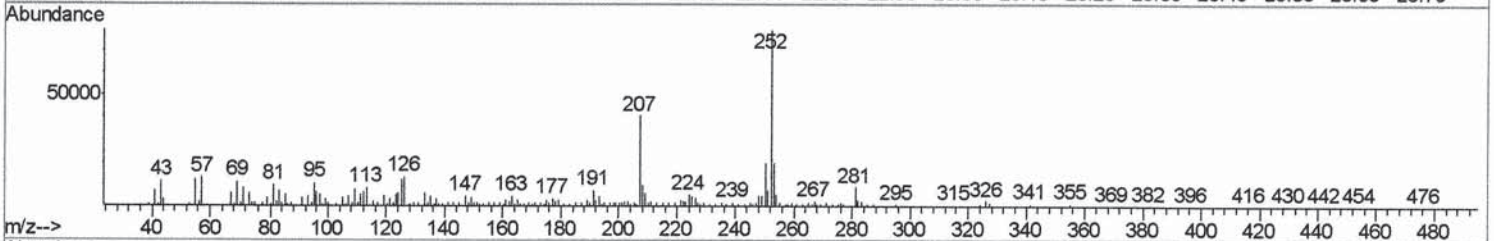
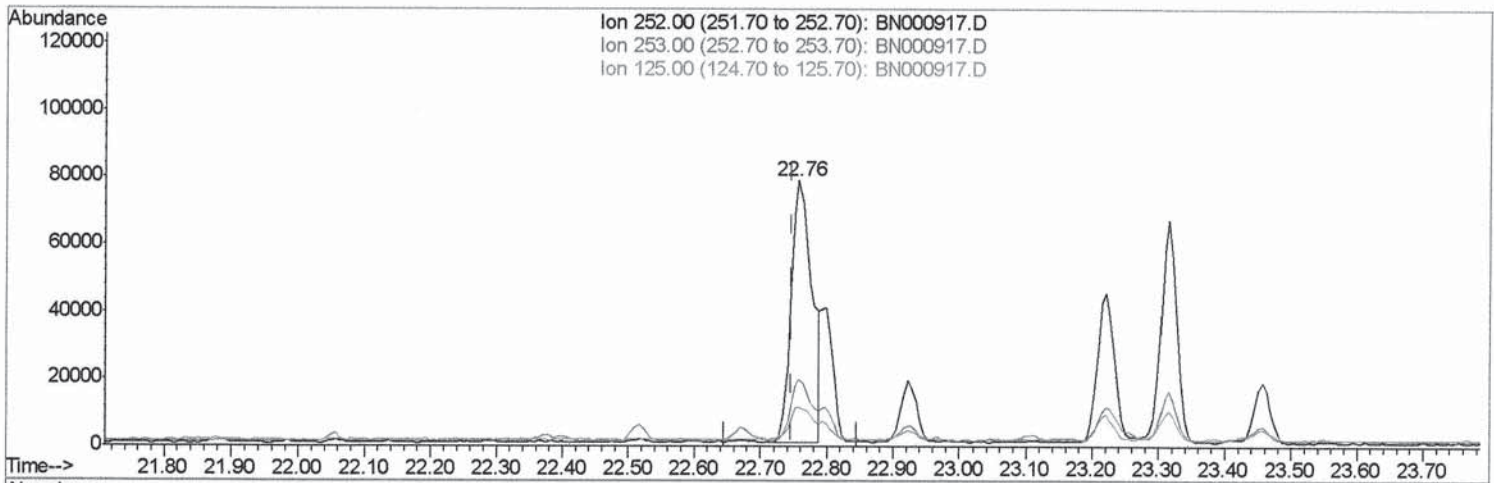
Data Path : Z:\HPCHEM1\BNA N\DATA\BN042518\
 Data File : BN000917.D
 Acq On : 26 Apr 2018 06:14
 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DAS24MS

Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:47 PM

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)

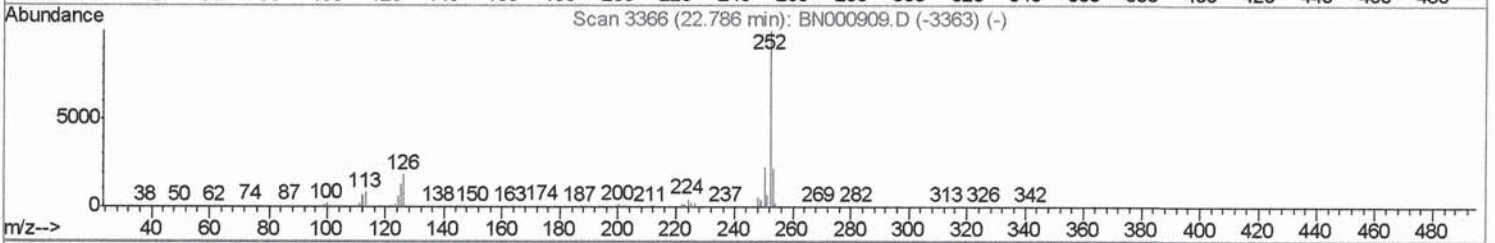
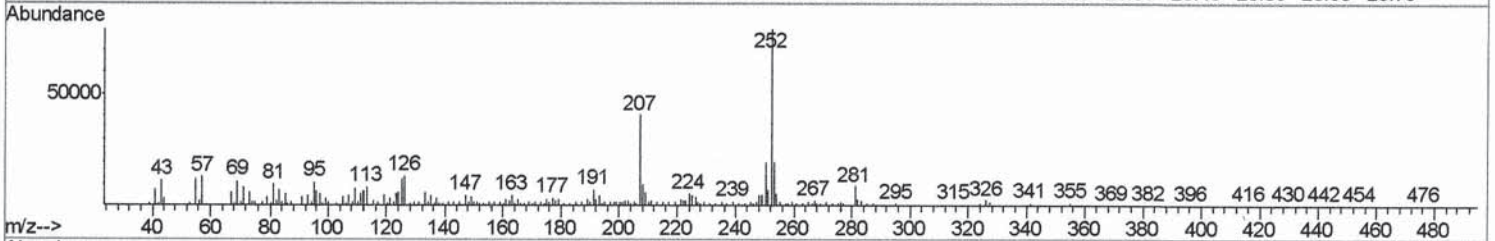
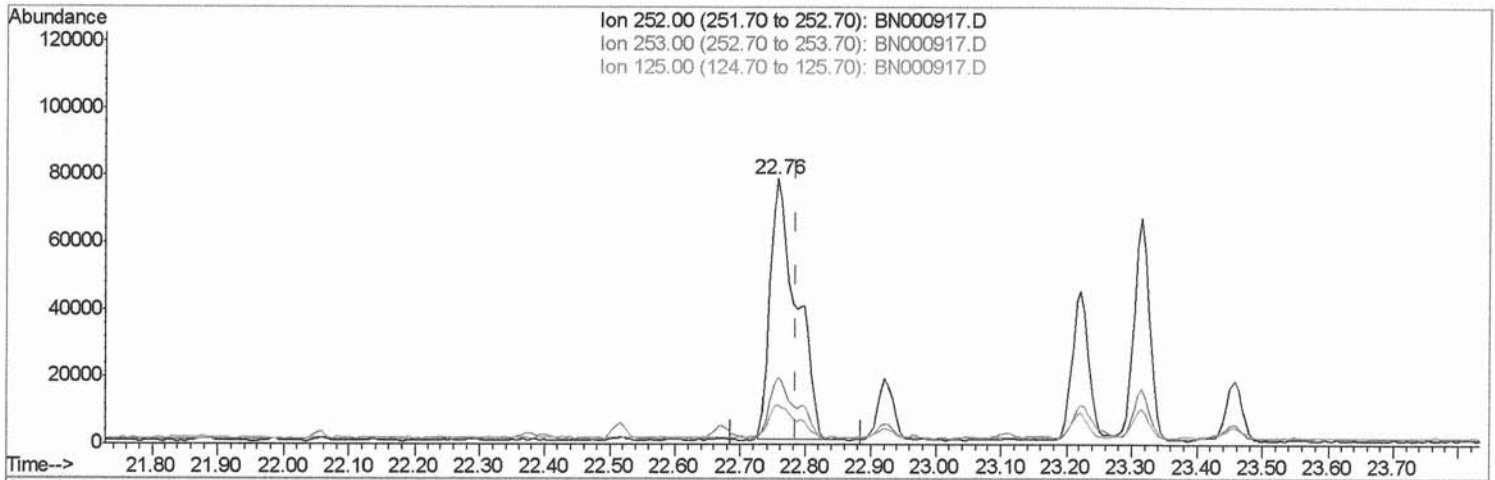
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 Data File : BN000917.D
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 Operator : JU/SJ
 Sample : J2444-19MS
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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Manual Integrations
 APPROVED

Sohil
 4/26/2018 6:23:47 PM

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 Quant Title : SVOA CALIBRATION
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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)

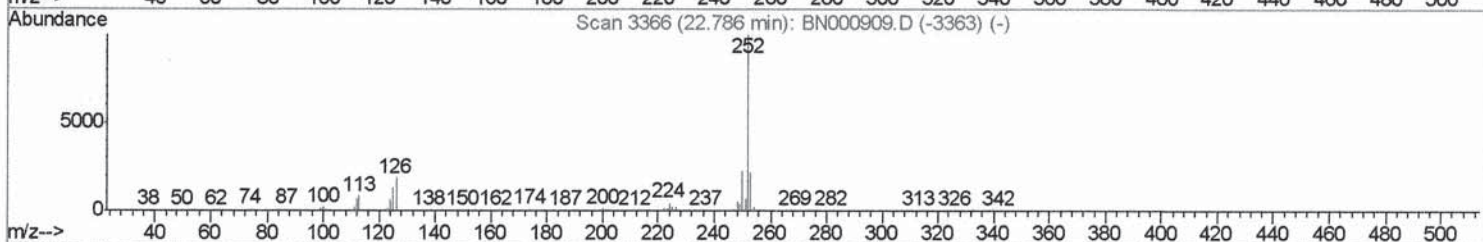
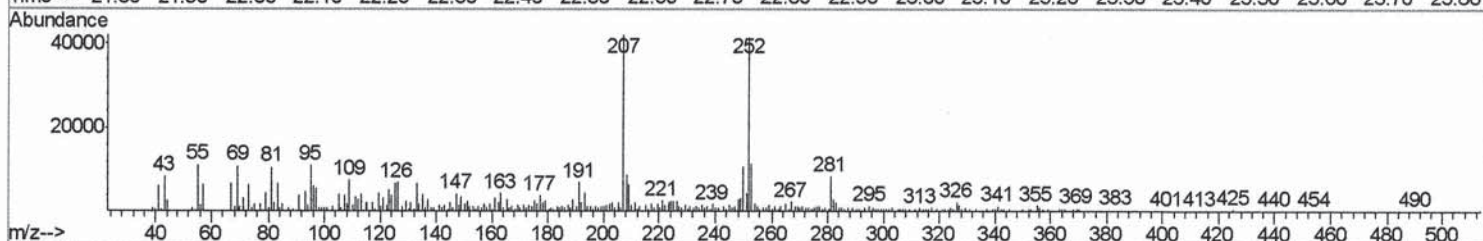
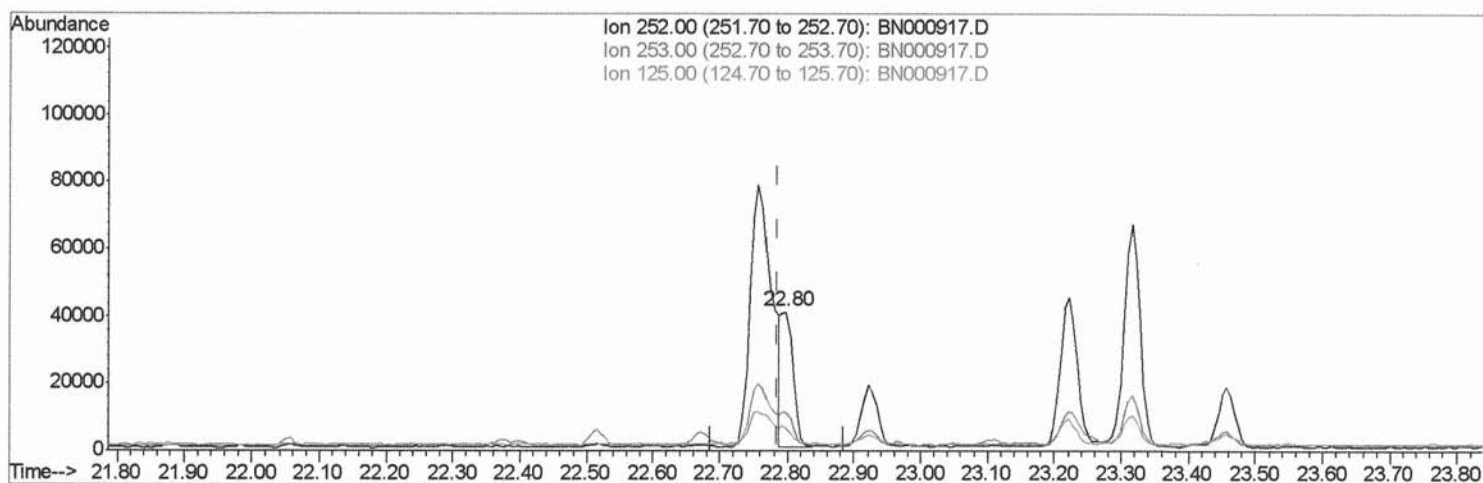
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 ALS Vial : 26 Sample Multiplier: 1

Instrument :
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 ClientSampleId :
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Manual Integrations
 APPROVED

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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

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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						
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	} → 2604/27/18
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

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