

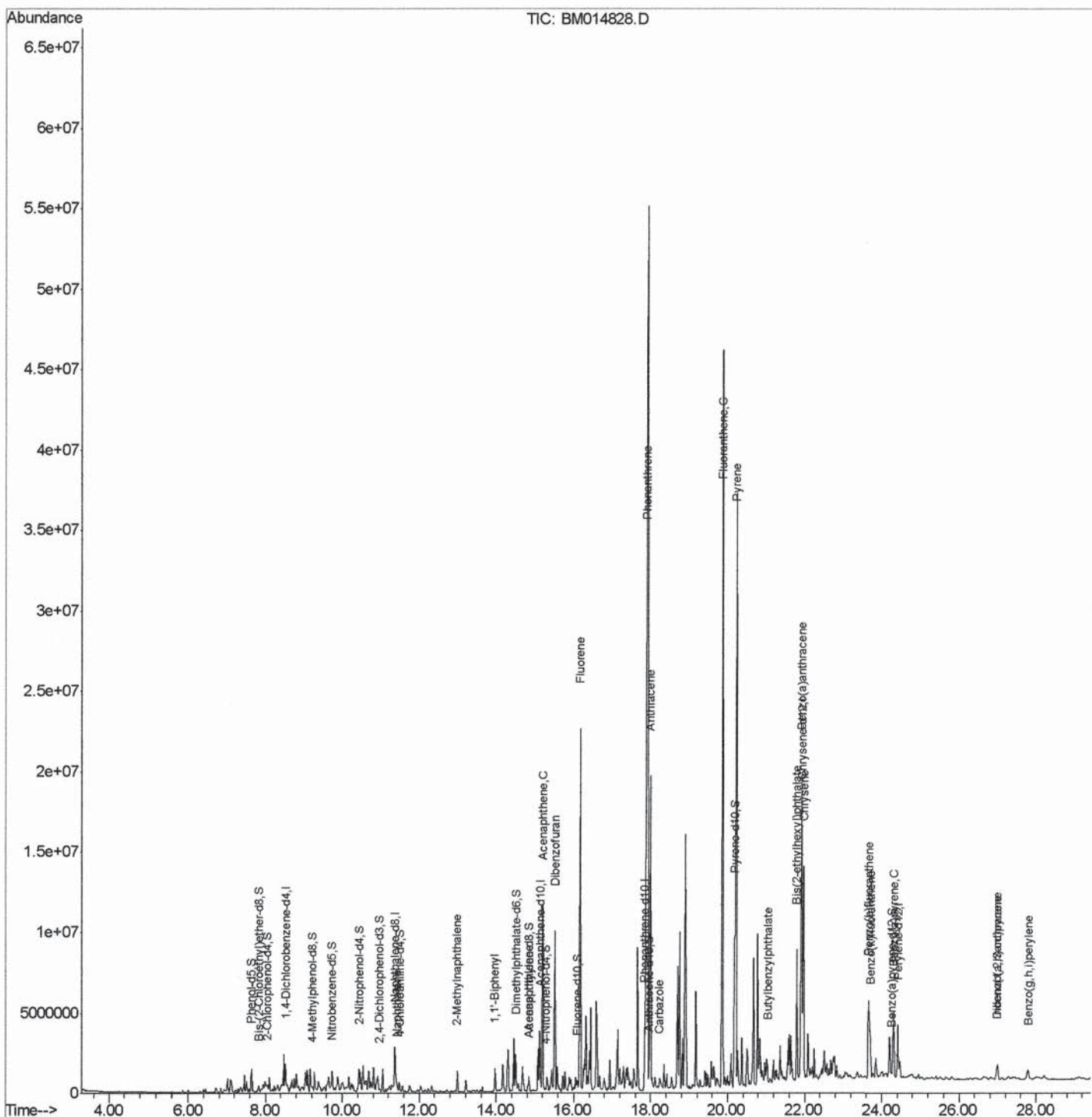
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014828.D
Acq On : 25 Apr 2018 02:18
Operator : SJ/JU
Sample : J2431-15DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
DASP6DL

Manual Integrations
APPROVED

Sohil
4/25/2018 4:31:19 PM

Quant Time: Apr 25 04:50:59 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

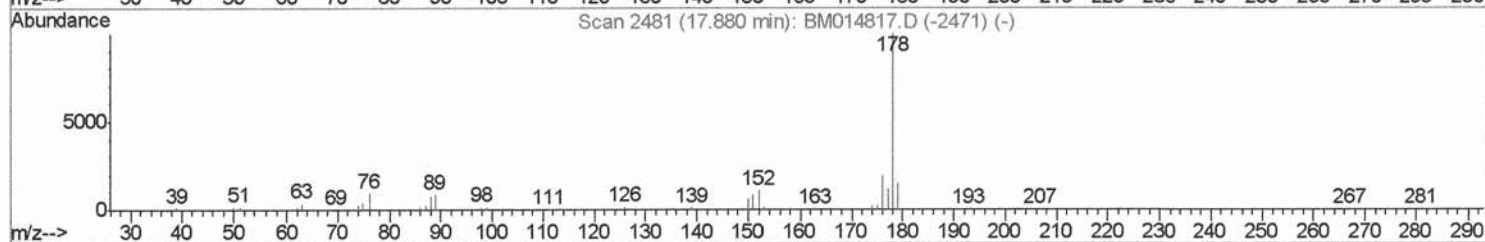
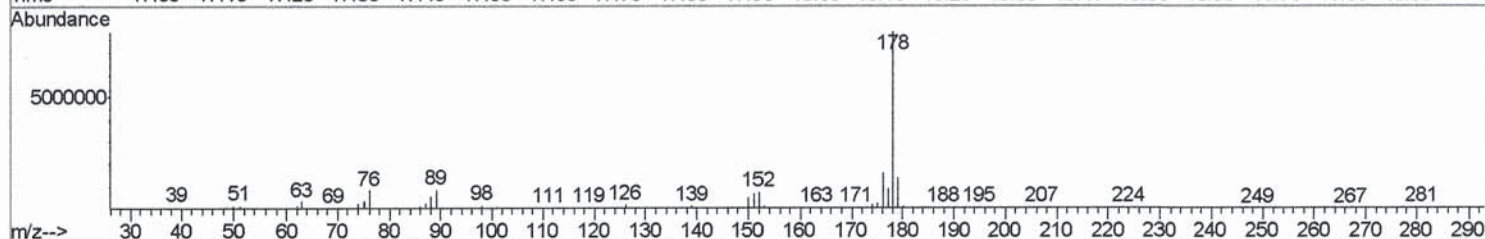
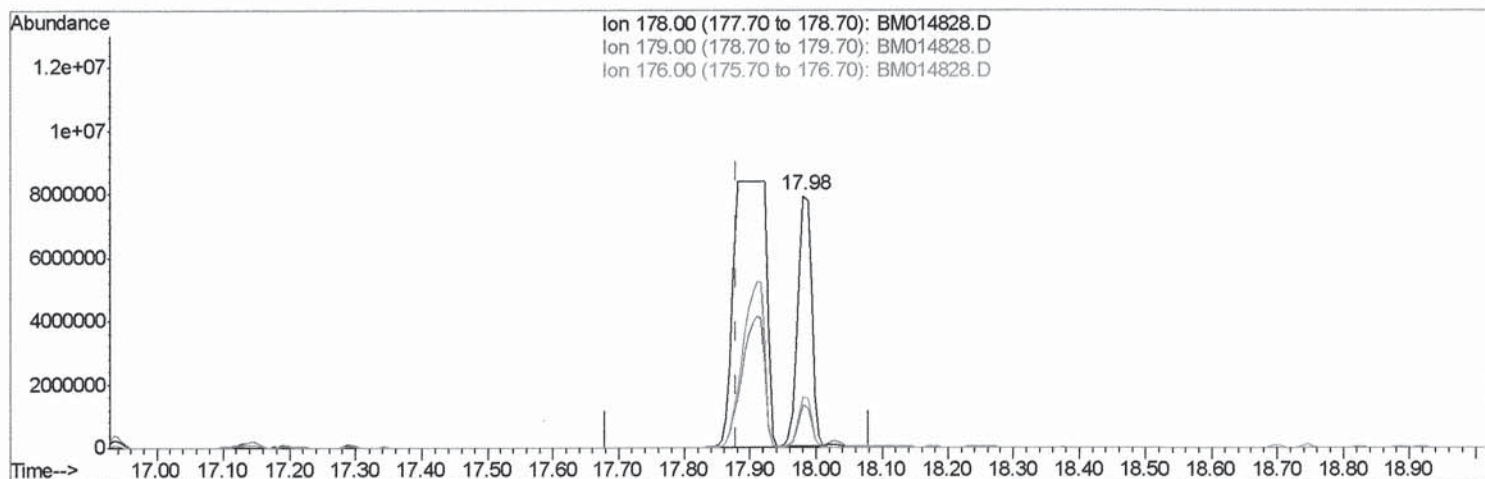
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014828.D
Acq On : 25 Apr 2018 02:18
Operator : SJ/JU
Sample : J2431-15DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP6DL

Manual Integrations
APPROVED

Sohil
4/25/2018 4:31:19 PM

Quant Time: Apr 25 04:29:40 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration



TIC: BM014828.D

(69) Phenanthrene

17.980min (+0.100) 79.38ng/ul

response 11462462

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	16.88
176.00	18.60	20.09
0.00	0.00	0.00

Quantitation Report (Qedit)

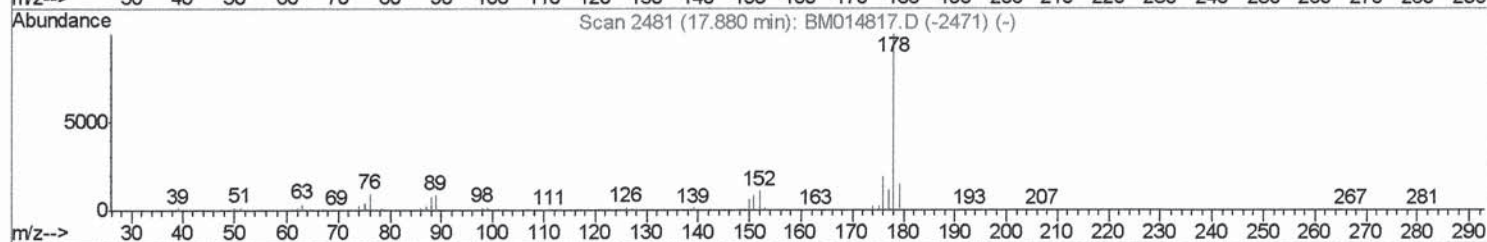
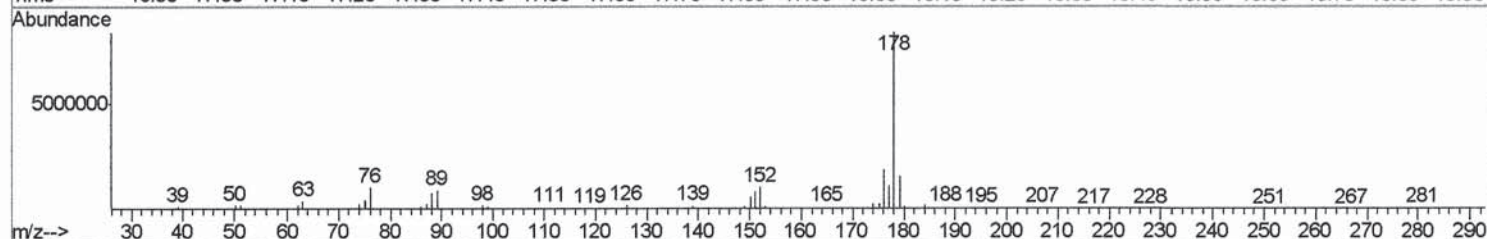
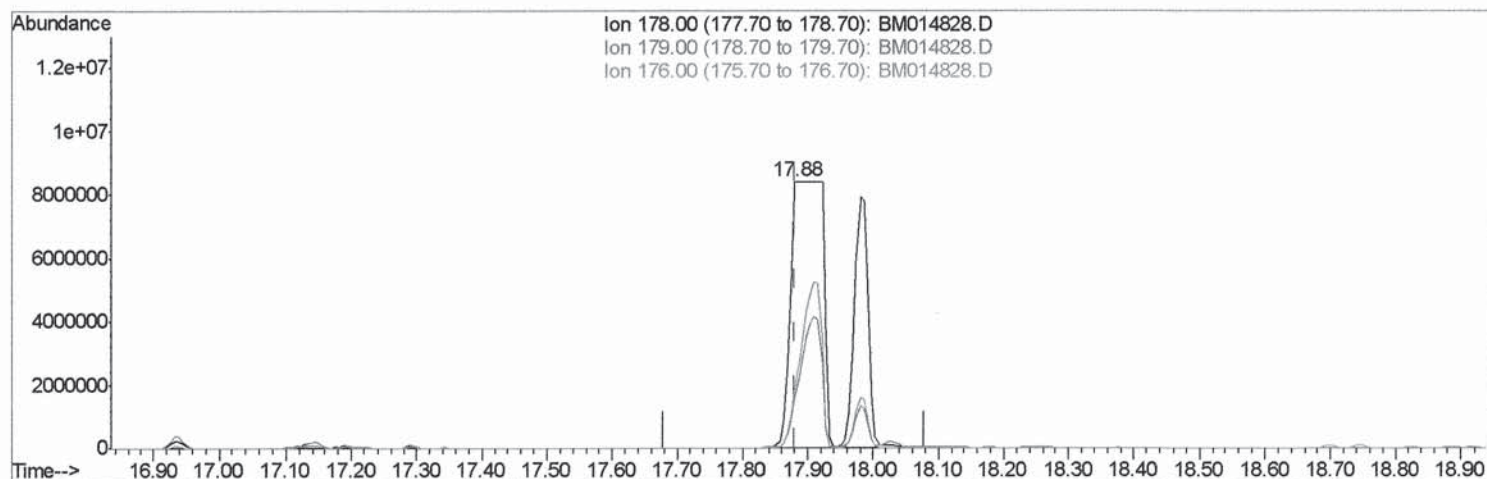
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014828.D
Acq On : 25 Apr 2018 02:18
Operator : SJ/JU
Sample : J2431-15DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP6DL

Manual Integrations
APPROVED

Sohil
4/25/2018 4:31:19 PM

Quant Time: Apr 25 04:29:40 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration



TIC: BM014828.D

(69) Phenanthrene

17.880min (+0.000) 196.41ng/ul m

response 28362493

Ion	Exp%	Act%
178.00	100	100
179.00	15.80	18.59
176.00	18.60	21.74
0.00	0.00	0.00

SJ 4/27/18

Quantitation Report (Qedit)

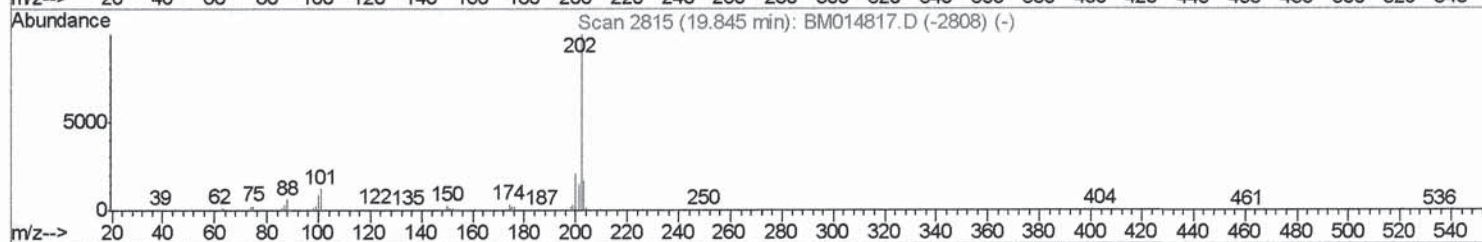
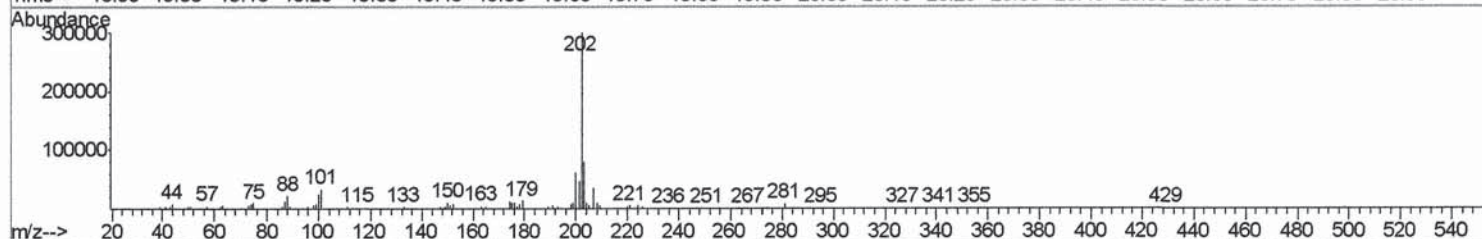
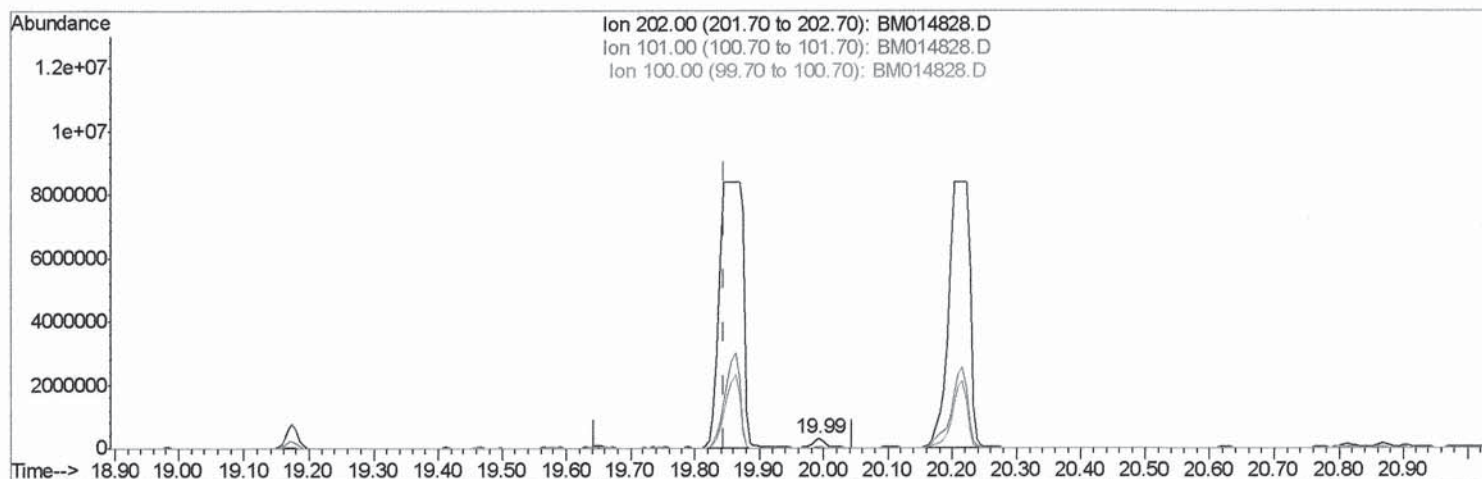
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014828.D
Acq On : 25 Apr 2018 02:18
Operator : SJ/JU
Sample : J2431-15DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP6DL

Manual Integrations
APPROVED

Sohil
4/25/2018 4:31:19 PM

Quant Time: Apr 25 04:29:40 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration



TIC: BM014828.D

(74) Fluoranthene (C)

19.992min (+0.147) 2.37ng/ul

response 373429

Ion	Exp%	Act%
202.00	100	100
101.00	5.80	11.11#
100.00	4.30	8.64#
0.00	0.00	0.00

Quantitation Report (Qedit)

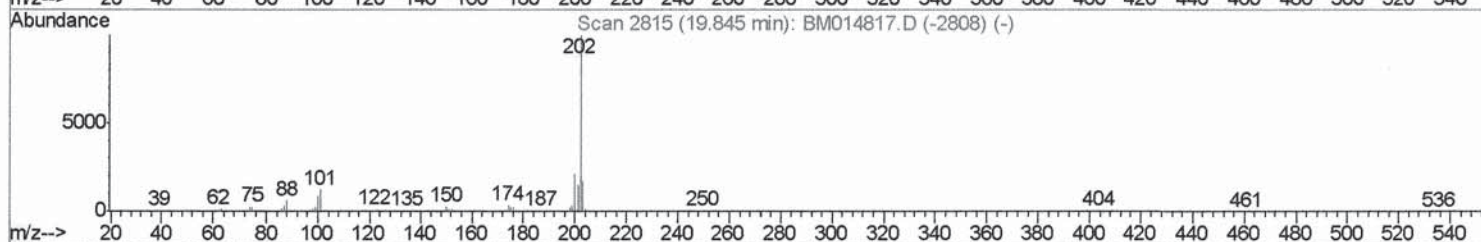
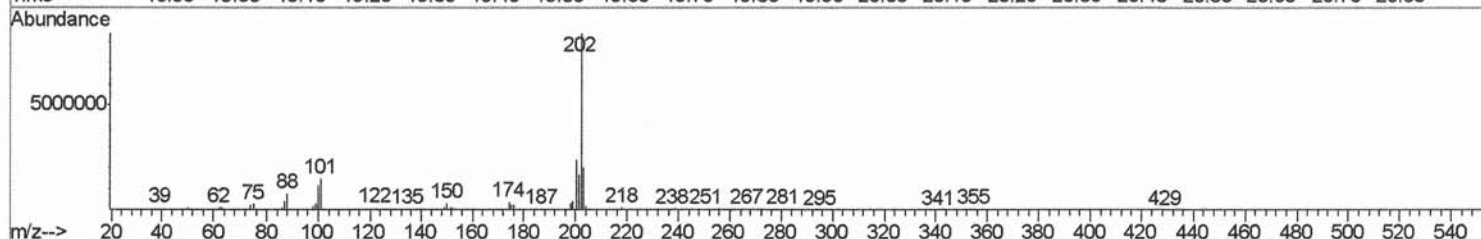
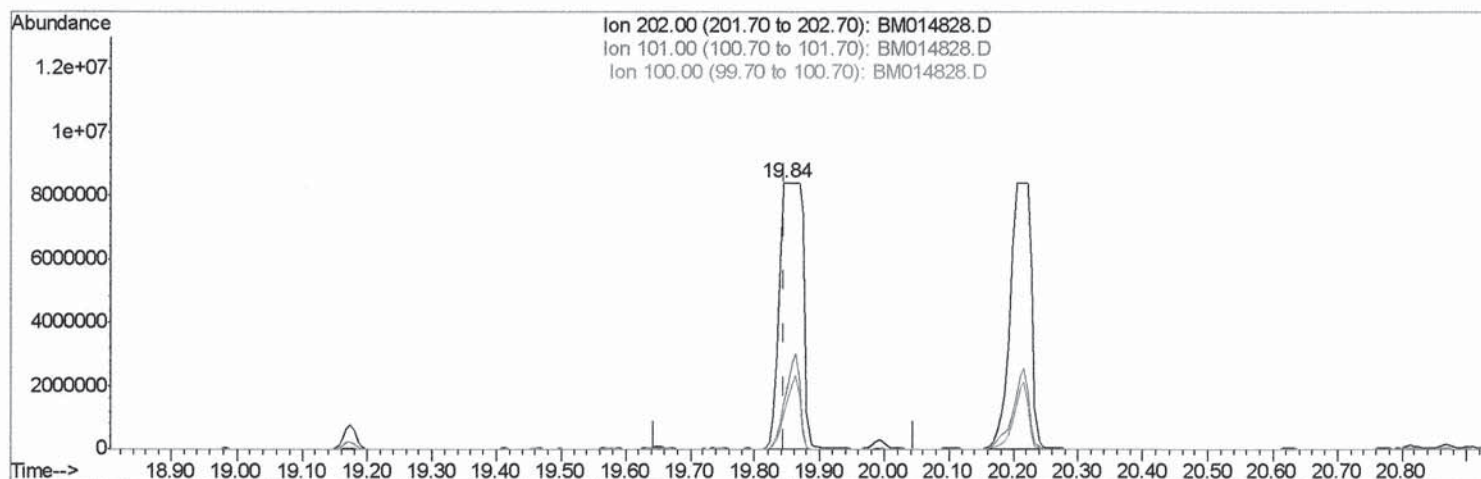
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
 Data File : BM014828.D
 Acq On : 25 Apr 2018 02:18
 Operator : SJ/JU
 Sample : J2431-15DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP6DL

Manual Integrations
 APPROVED

Sohil
 4/25/2018 4:31:19 PM

Quant Time: Apr 25 04:29:40 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 02:07:23 2018
 Response via : Initial Calibration



TIC: BM014828.D

(74) Fluoranthene (C)

19.845min (+0.000) 137.37ng/ul m

response 21628056

Ion Exp% Act%

202.00 100 100

101.00 5.80 17.50#

100.00 4.30 13.41#

0.00 0.00 0.00

SJ 4/27/18

Quantitation Report (Qedit)

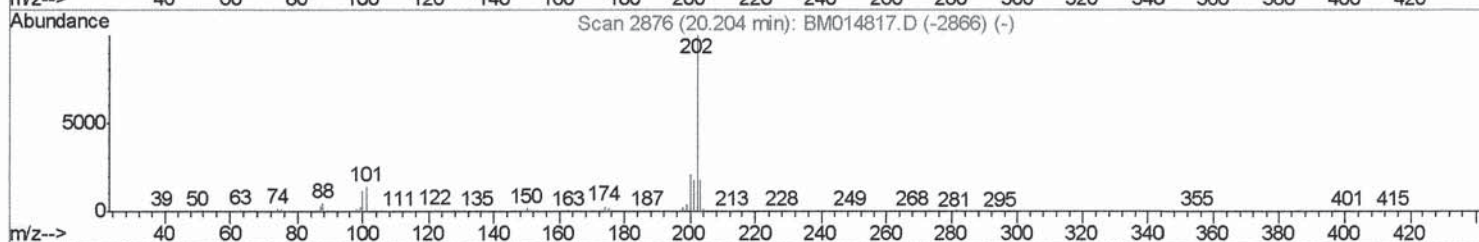
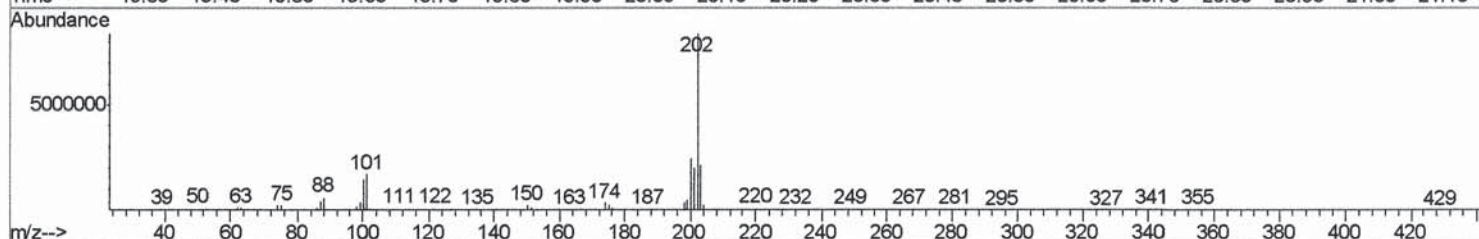
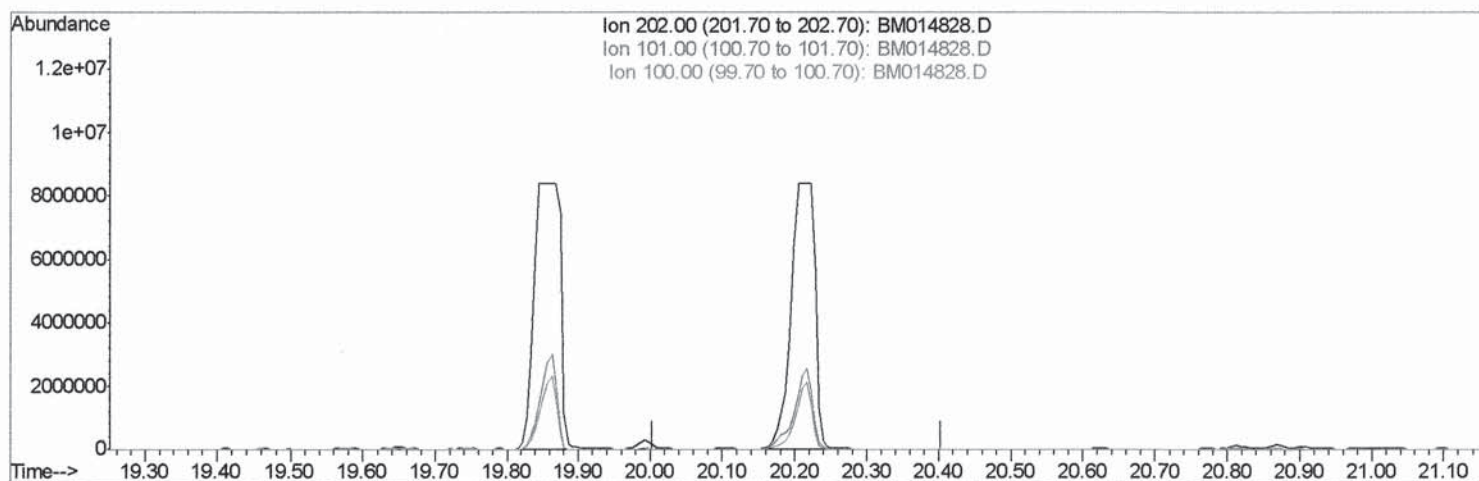
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
 Data File : BM014828.D
 Acq On : 25 Apr 2018 02:18
 Operator : SJ/JU
 Sample : J2431-15DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP6DL

Manual Integrations
 APPROVED

Sohil
 4/25/2018 4:31:19 PM

Quant Time: Apr 25 04:29:40 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 02:07:23 2018
 Response via : Initial Calibration



TIC: BM014828.D

(77) Pyrene

20.204min (-20.204) 0.00ng/ul

response 0

Ion	Exp%	Act%
202.00	100	0.00
101.00	6.40	0.00#
100.00	6.10	0.00#
0.00	0.00	0.00

Quantitation Report (Qedit)

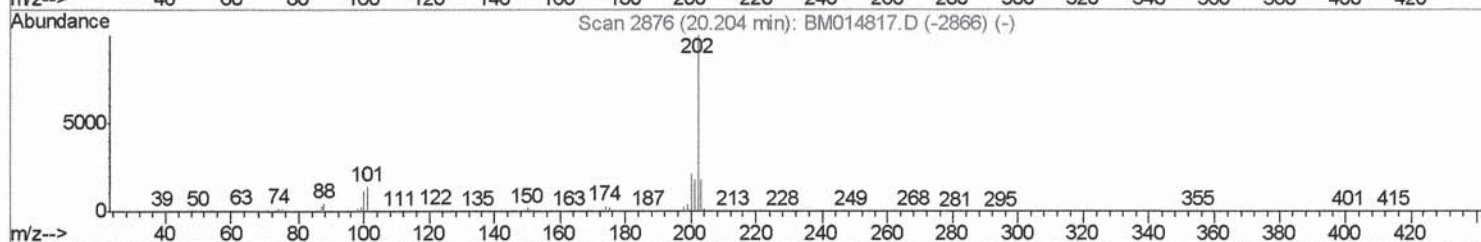
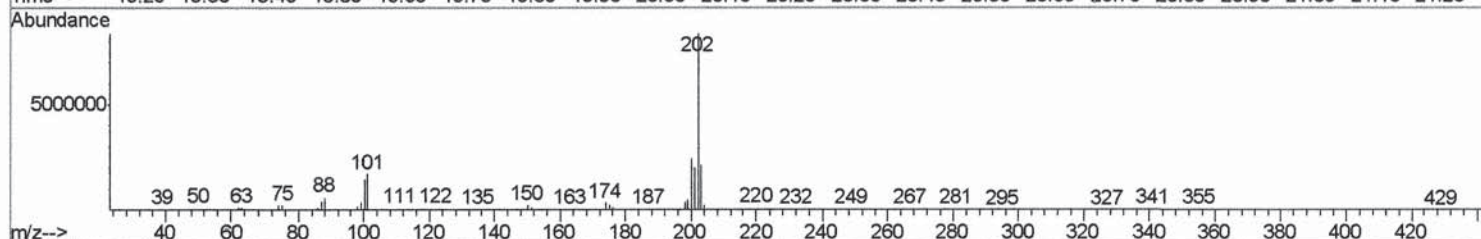
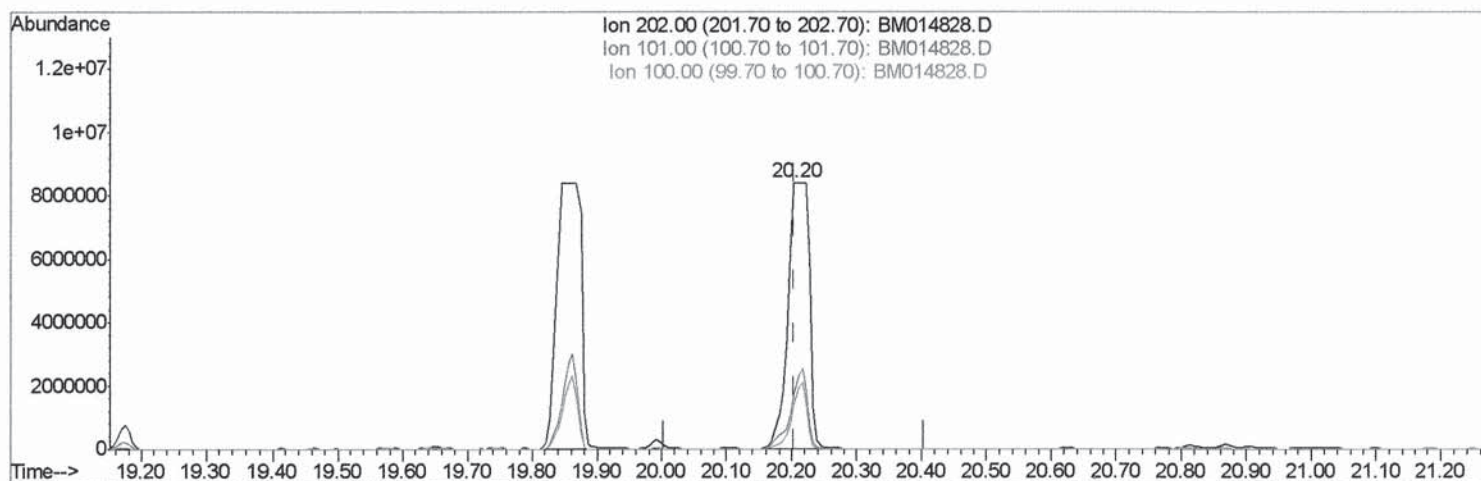
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014828.D
Acq On : 25 Apr 2018 02:18
Operator : SJ/JU
Sample : J2431-15DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DASP6DL

Manual Integrations
APPROVED

Sohil
4/25/2018 4:31:19 PM

Quant Time: Apr 25 04:29:40 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration



TIC: BM014828.D

(77) Pyrene

20.204min (+0.000) 113.65ng/ul m

response 19336199

Ion	Exp%	Act%
202.00	100	100
101.00	6.40	20.43#
100.00	6.10	16.99#
0.00	0.00	0.00

SJ 4/27/18

Quantitation Report (Qedit)

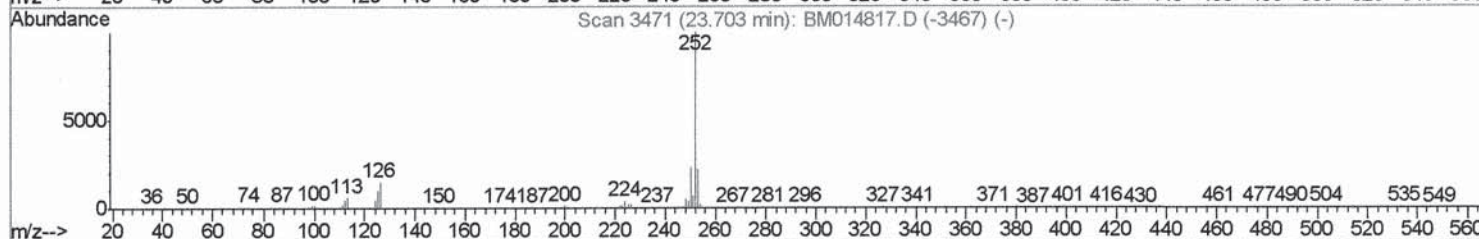
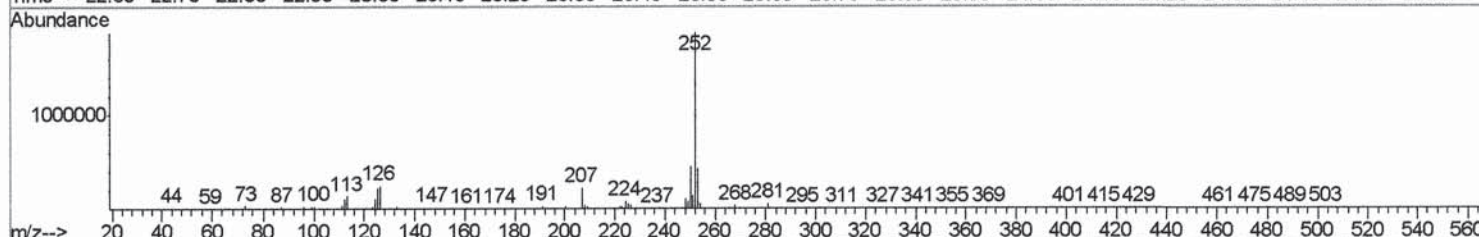
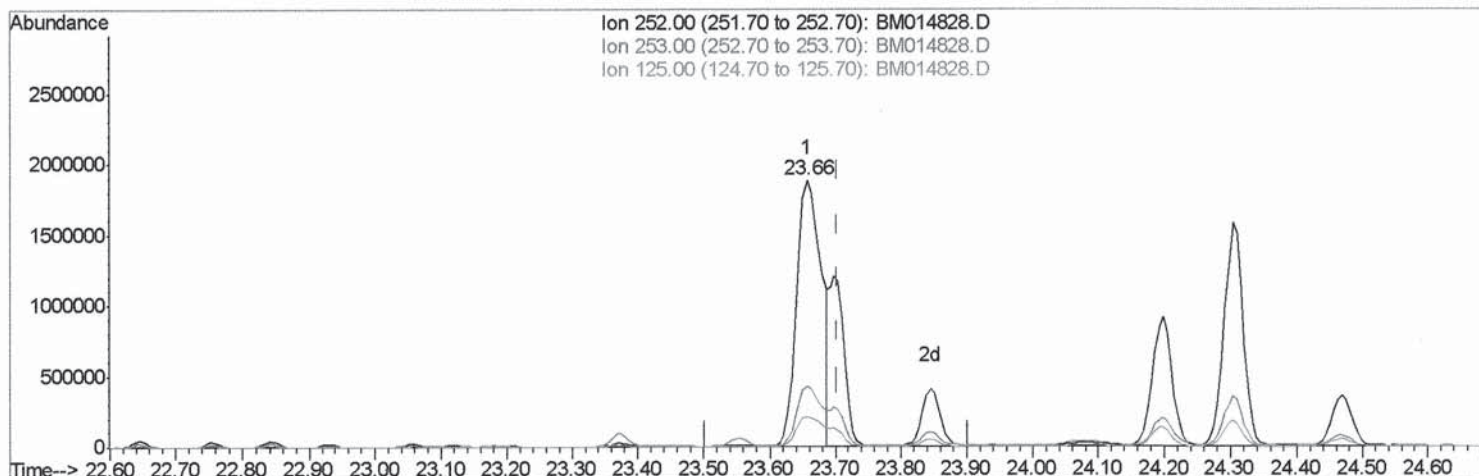
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
 Data File : BM014828.D
 Acq On : 25 Apr 2018 02:18
 Operator : SJ/JU
 Sample : J2431-15DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP6DL

Manual Integrations
 APPROVED

Sohil
 4/25/2018 4:31:19 PM

Quant Time: Apr 25 04:29:40 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 02:07:23 2018
 Response via : Initial Calibration



TIC: BM014828.D

(86) Benzo(k)fluoranthene
 23.656min (-0.047) 33.58ng/ul
 response 4891256

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.73
125.00	4.30	11.54#
0.00	0.00	0.00

Quantitation Report (Qedit)

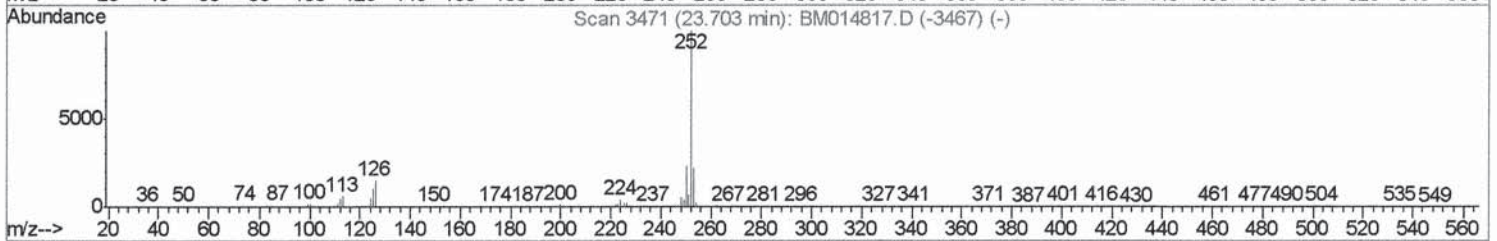
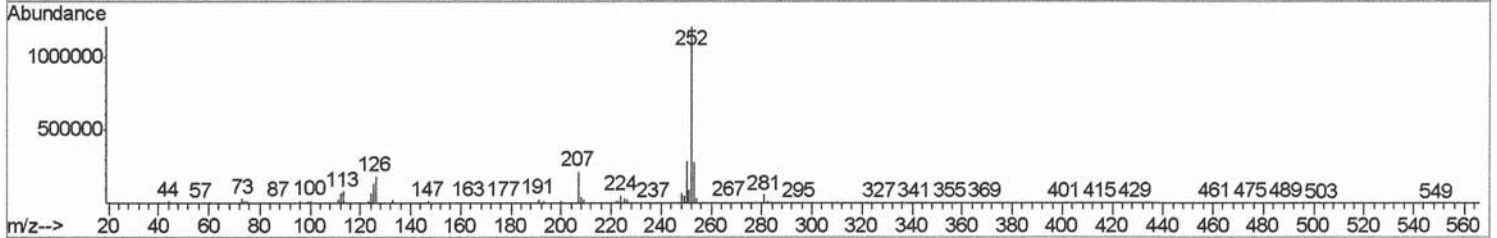
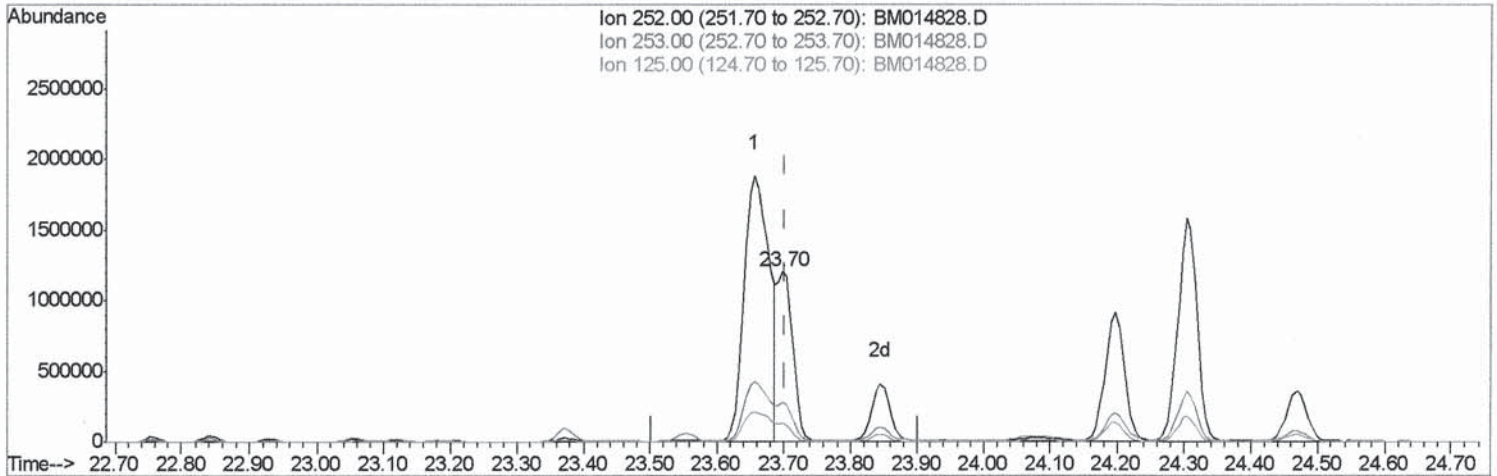
Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
 Data File : BM014828.D
 Acq On : 25 Apr 2018 02:18
 Operator : SJ/JU
 Sample : J2431-15DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DASP6DL

Manual Integrations
 APPROVED

Sohil
 4/25/2018 4:31:19 PM

Quant Time: Apr 25 04:29:40 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 02:07:23 2018
 Response via : Initial Calibration



TIC: BM014828.D

(86) Benzo(k)fluoranthene

23.697min (-0.006) 13.17ng/ul m

response 1918097

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.46
125.00	4.30	11.12#
0.00	0.00	0.00

SJ 4/27/18

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
 Data File : BM014828.D
 Acq On : 25 Apr 2018 02:18
 Operator : SJ/JU
 Sample : J2431-15DL 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 DASP6DL

Manual Integrations
 APPROVED

Sohil
 4/25/2018 4:31:19 PM

Quant Time: Apr 25 04:50:59 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 02:07:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	441003	20.00	ng/ul	0.00
18) Naphthalene-d8	11.37	136	2046942	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.13	164	1196582	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.84	188	2688901	20.00	ng/ul	0.00
75) Chrysene-d12	21.93	240	2911862	20.00	ng/ul	0.00
83) Perylene-d12	24.42	264	2569703	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.66	96	4482	0.44	ng/uL	0.00
5) Phenol-d5	7.64	99	80938	2.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.82	67	68515	3.13	ng/ul	0.00
9) 2-Chlorophenol-d4	8.04	132	64245	2.25	ng/ul	0.00
13) 4-Methylphenol-d8	9.22	113	60457	2.22	ng/ul	0.00
19) Nitrobenzene-d5	9.70	128	31069	2.10	ng/ul	0.00
22) 2-Nitrophenol-d4	10.43	143	28134	1.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.97	165	59859	2.00	ng/ul	0.00
29) 4-Chloroaniline-d4	11.49	131	88430	2.99	ng/ul	0.00
43) Dimethylphthalate-d6	14.52	166	215980	2.31	ng/ul	0.00
46) Acenaphthylene-d8	14.83	160	231433	2.01	ng/ul	0.00
51) 4-Nitrophenol-d4	15.28	143	21201	1.22	ng/ul	0.00
57) Fluorene-d10	16.10	176	200483	2.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.21	200	13501	0.93	ng/ul	0.00
70) Anthracene-d10	17.94	188	294704	2.35	ng/ul	0.01
76) Pyrene-d10	20.17	212	343921	2.50	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.25	264	316401	2.51	ng/ul	0.00

Target Compounds

Ovalue

28) Naphthalene	11.42	128	122816	1.231	ng/ul#	93
34) 2-Methylnaphthalene	12.99	142	600230	8.665	ng/ul	99
40) 1,1'-Biphenyl	13.97	154	706617	7.344	ng/ul#	97
47) Acenaphthylene	14.85	152	199333	1.784	ng/ul#	84
49) Acenaphthene	15.19	153	4227455	53.233	ng/ul	99
53) Dibenzofuran	15.52	168	5919535	53.679	ng/ul	99
58) Fluorene	16.16	166	9822094	110.304	ng/ul	98
69) Phenanthrene	17.88	178	28362493m	196.409	ng/ul	
71) Anthracene	17.98	178	11462462	78.214	ng/ul	95
72) Carbazole	18.23	167	243840	1.950	ng/ul#	93
74) Fluoranthene	19.84	202	21628056m	137.373	ng/ul	
77) Pyrene	20.20	202	19336199m	113.653	ng/ul	
78) Butylbenzylphthalate	21.04	149	214906	3.096	ng/ul	91
80) Benzo(a)anthracene	21.92	228	9277532	54.484	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.79	149	2702928	26.530	ng/ul#	98
82) Chrysene	21.97	228	6872300	43.111	ng/ul	95
85) Benzo(b)fluoranthene	23.66	252	4891256	32.289	ng/ul#	96
86) Benzo(k)fluoranthene	23.70	252	1918097m	13.168	ng/ul	
88) Benzo(a)pyrene	24.30	252	3139192	21.846	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.99	276	895996	5.154	ng/ul#	91
90) Dibenzo(a,h)anthracene	26.99	278	262971	1.797	ng/ul#	85
91) Benzo(a,h,i)perylene	27.78	276	695991	4.867	ng/ul#	89

SJ 4/27/18

> SJ 4/27/18

SJ 4/27/18

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042418\
Data File : BM014828.D
Acq On : 25 Apr 2018 02:18
Operator : SJ/JU
Sample : J2431-15DL 10X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Apr 25 04:50:59 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Apr 25 02:07:23 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DASP6DL

Manual Integrations
APPROVED

Sohil
4/25/2018 4:31:19 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
--------------------	------	------	----------	------	-------	----------

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