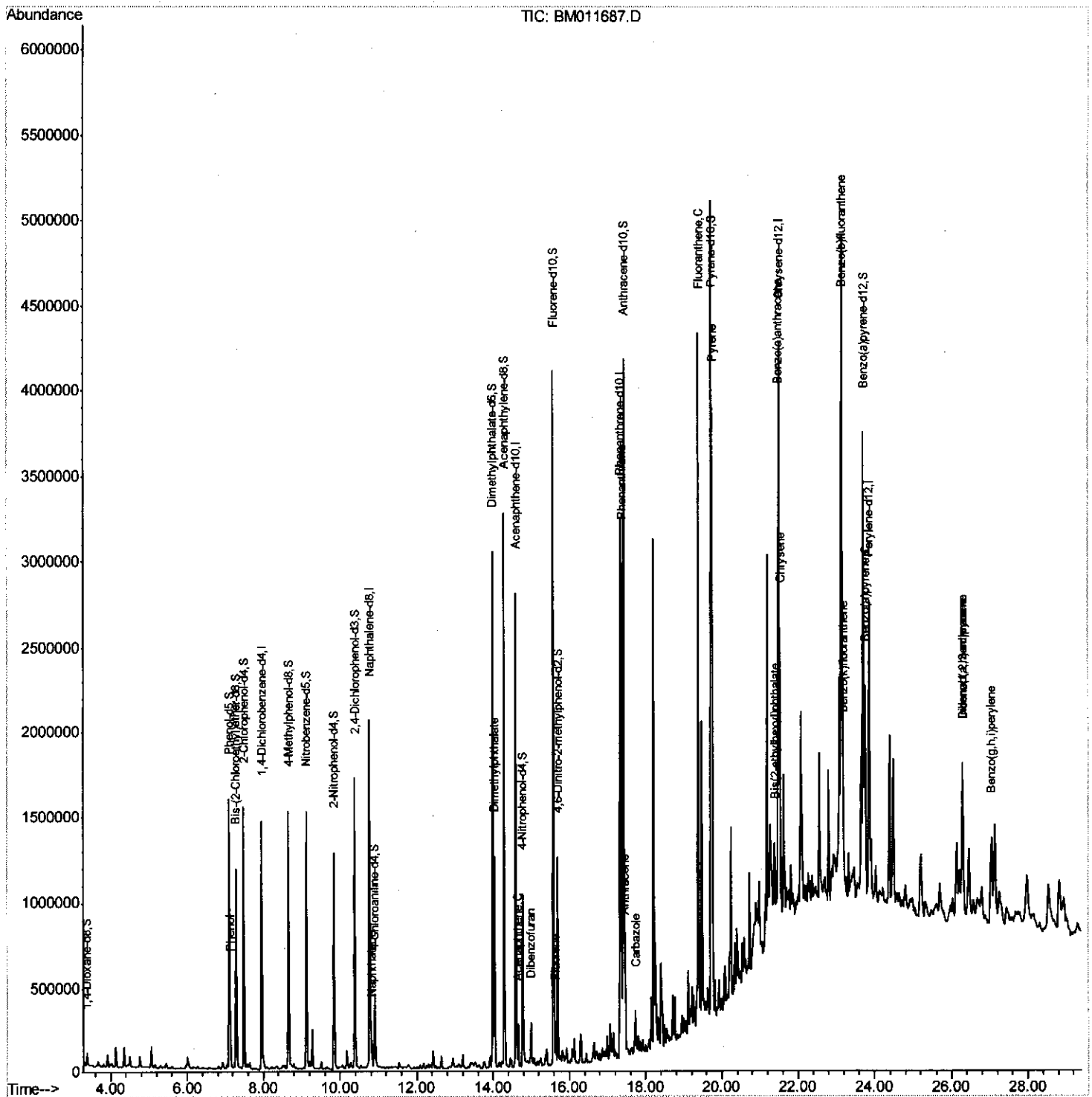


Instrument :
BNA_M
ClientSampleId :
CB3B9

Sohil
9/25/2017 6:23:23 PM

Quant Time: Sep 23 00:08:50 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration



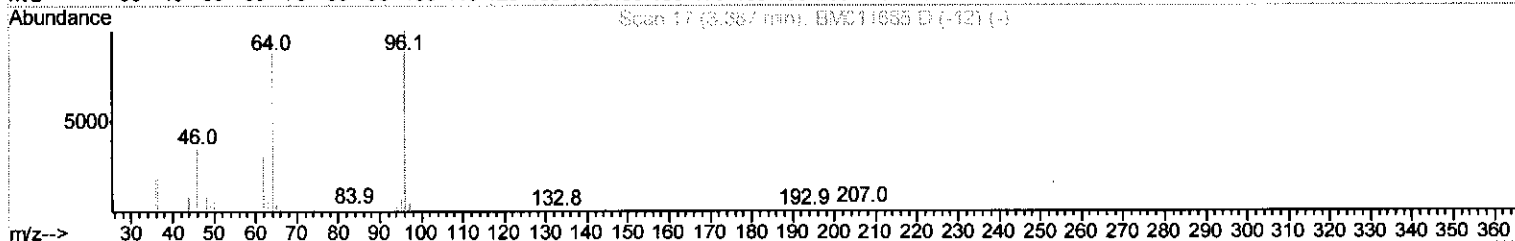
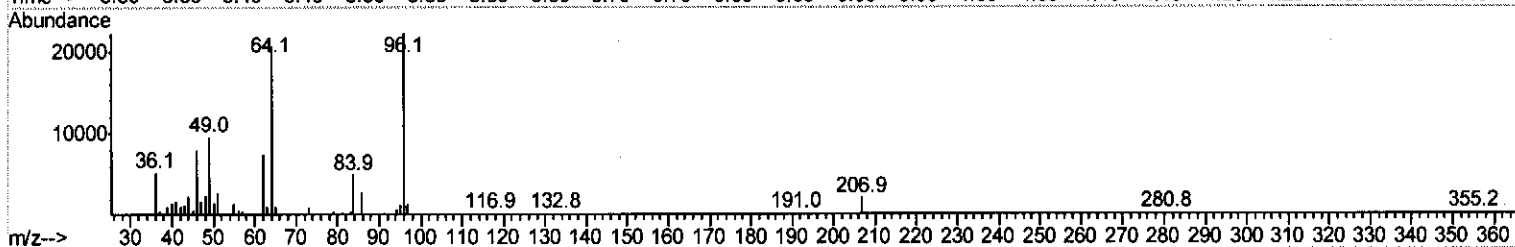
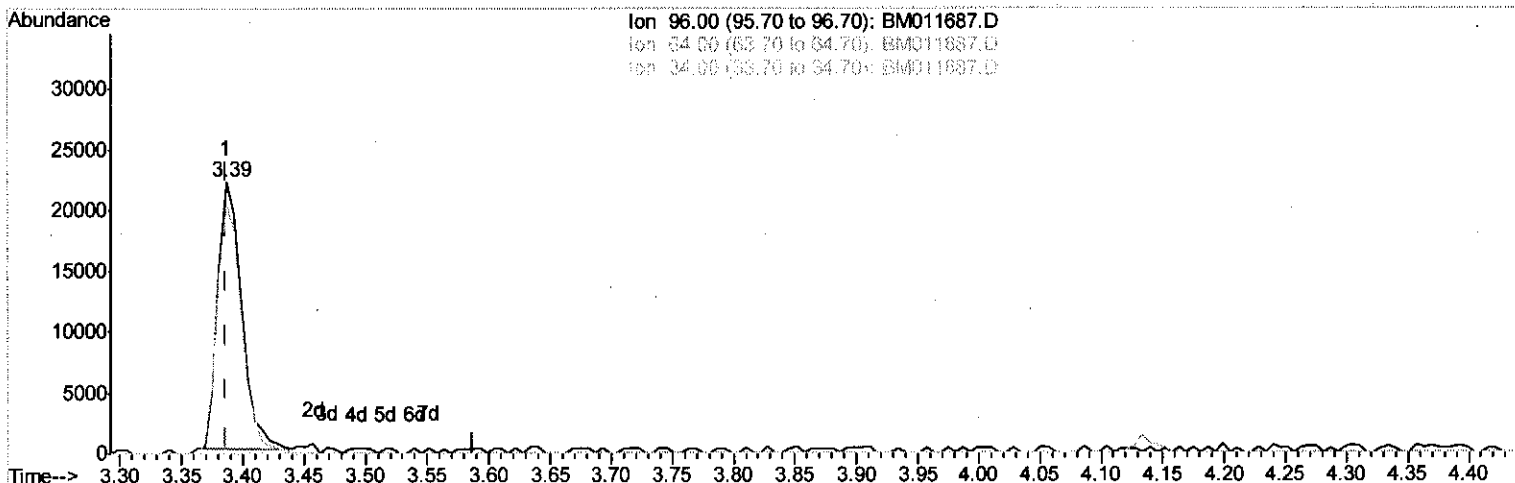
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011687.D
Acq On : 22 Sep 2017 11:35
Operator : SJ/JU
Sample : I5283-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
CB3B9

Manual Integrations
APPROVED

Sohil
9/25/2017 6:23:23 PM

Quant Time: Sep 22 23:52:37 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration



TIC: BM011687.D

(3) 1,4-Dioxane-d8 (S)

3.387min (-0.000) 3.67ng/uL

response 29753

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	91.72#
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

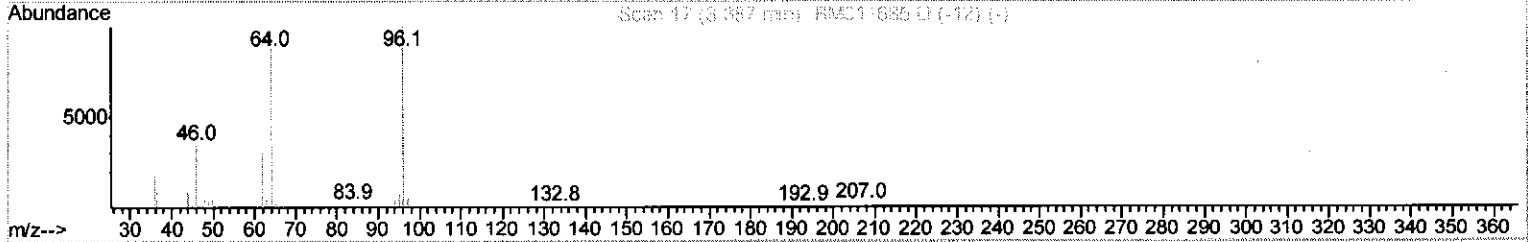
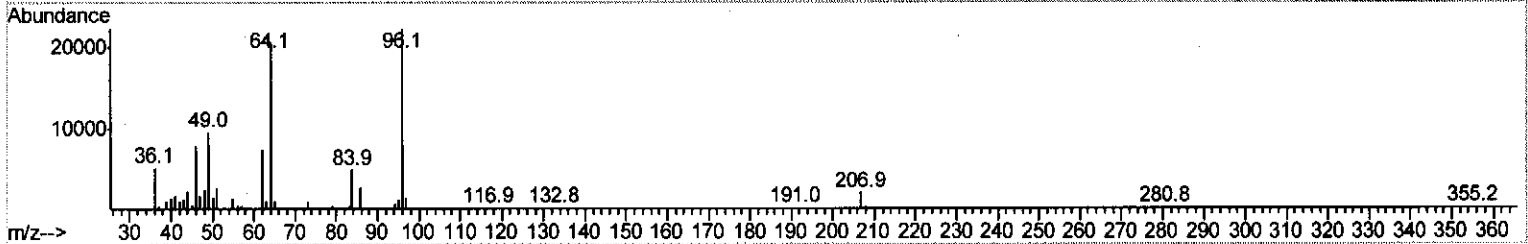
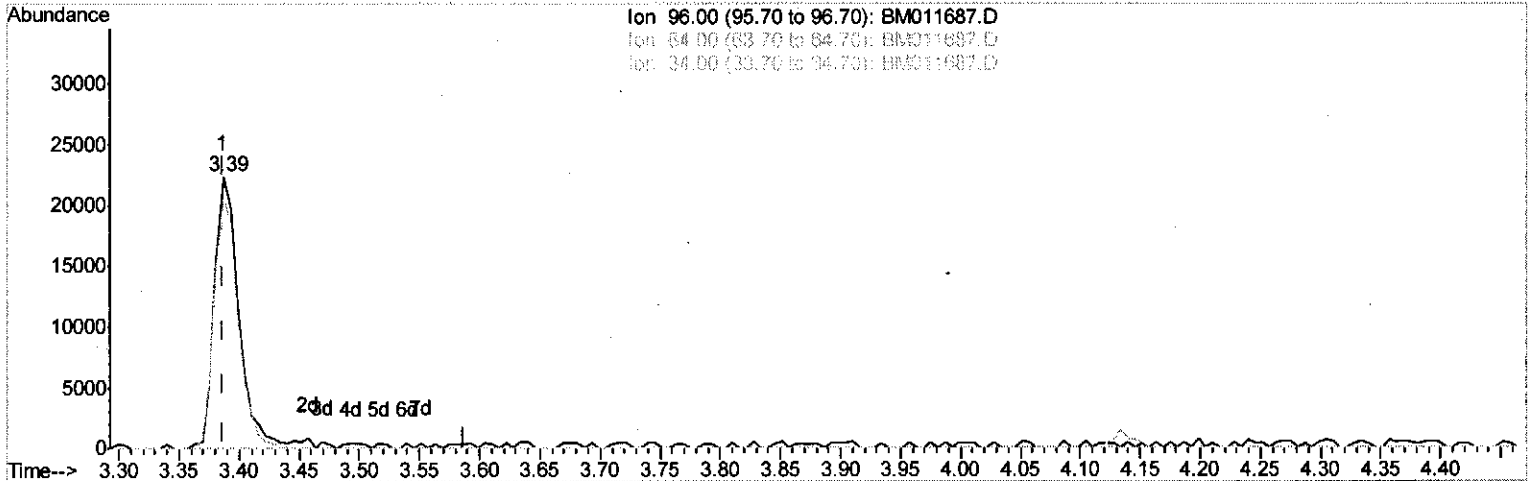
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
 Data File : BM011687.D
 Acq On : 22 Sep 2017 11:35
 Operator : SJ/JU
 Sample : I5283-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3B9

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:23:23 PM

Quant Time: Sep 22 23:52:37 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 23:48:55 2017
 Response via : Initial Calibration



TIC: BM011687.D

(3) 1,4-Dioxane-d8 (S)

3.387min (-0.000) 3.97ng/uL m

response 32173

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	91.72#
34.00	0.00	0.00
0.00	0.00	0.00

JU 10/31/17

Quantitation Report (Qedit)

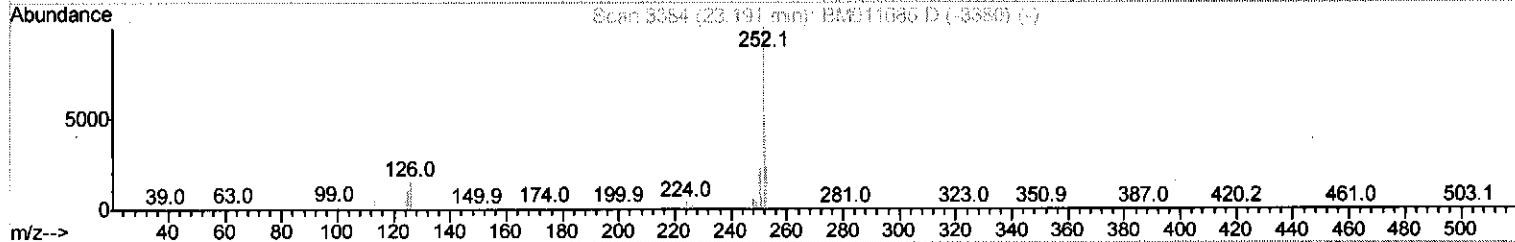
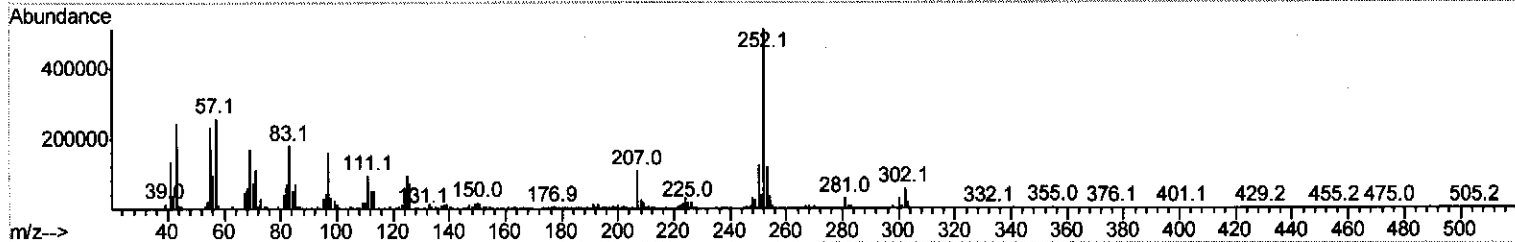
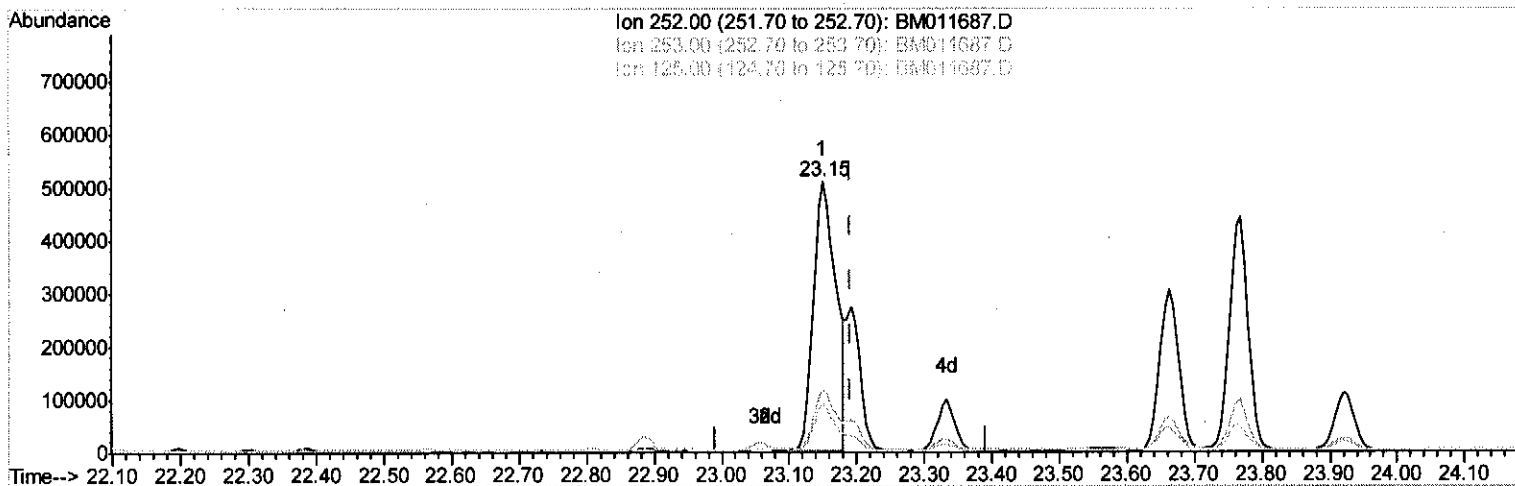
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011687.D
Acq On : 22 Sep 2017 11:35
Operator : SJ/JU
Sample : I5283-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
CB3B9

Manual Integrations
APPROVED

Sohil
9/25/2017 6:23:23 PM

Quant Time: Sep 23 00:06:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration



TIC: BM011687.D

(89) Benzo(k)fluoranthene

23.150min (-0.041) 15.64ng/ul

response 1184296

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.05
125.00	6.70	18.40#
0.00	0.00	0.00

Quantitation Report (Qedit)

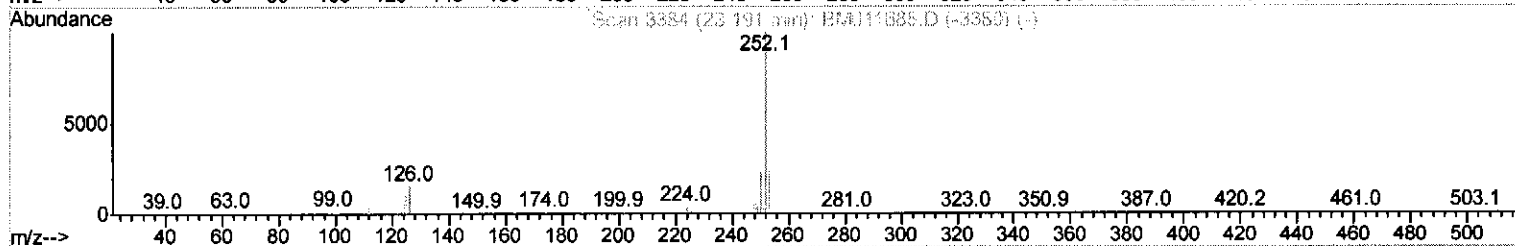
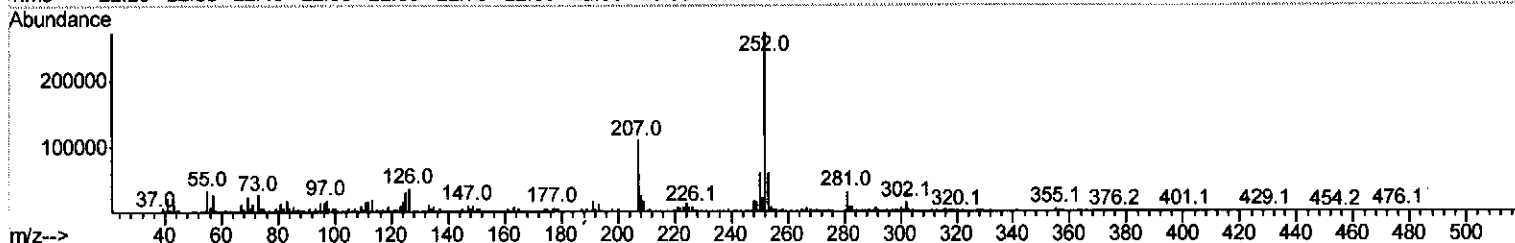
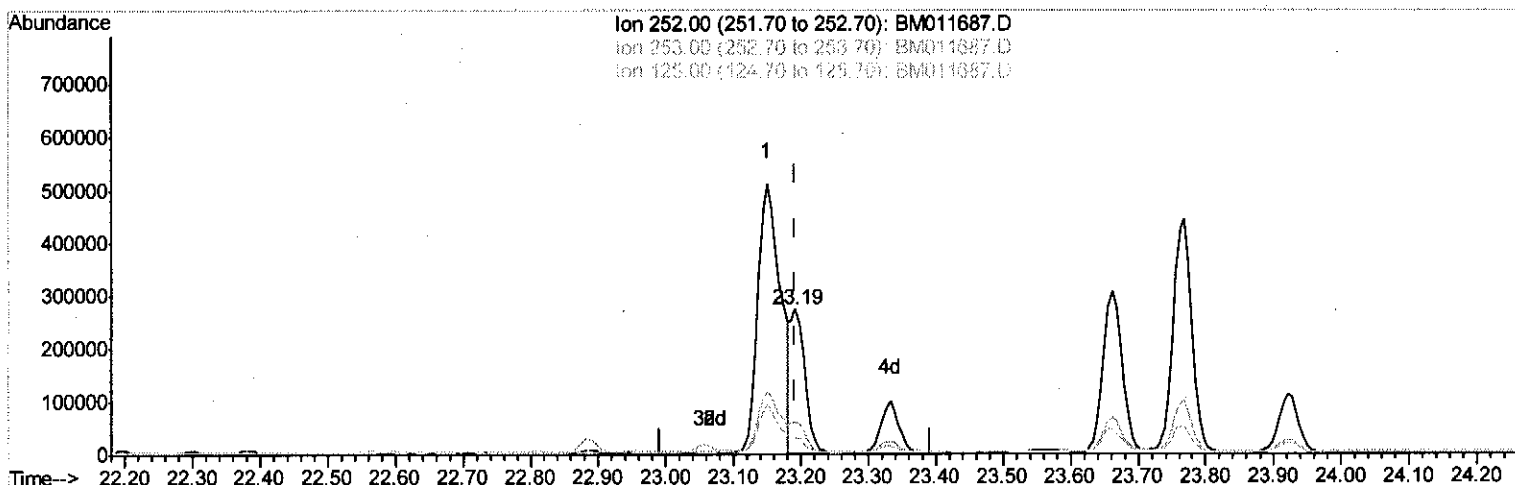
Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
Data File : BM011687.D
Acq On : 22 Sep 2017 11:35
Operator : SJ/JU
Sample : I5283-14
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
CB3B9

Manual Integrations
APPROVED

Sohil
9/25/2017 6:23:23 PM

Quant Time: Sep 23 00:06:39 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Sep 22 23:48:55 2017
Response via : Initial Calibration



TIC: BM011687.D

(89) Benzo(k)fluoranthene

23.191min (0.000) 5.41ng/ul m

response 409900

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	22.16
125.00	6.70	11.37#
0.00	0.00	0.00

Data Path : Z:\HPCHEM1\BNA M\DATA\BM092217\
 Data File : BM011687.D
 Acq On : 22 Sep 2017 11:35
 Operator : SJ/JU
 Sample : I5283-14
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 CB3B9

Manual Integrations
 APPROVED

Sohil
 9/25/2017 6:23:23 PM

Quant Time: Sep 23 00:08:50 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM090817MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Sep 22 23:48:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	364501	20.00	ng/ul	0.00
18) Naphthalene-d8	10.77	136	1642750	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.59	164	882346	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.33	188	1737911	20.00	ng/ul	0.00
78) Chrysene-d12	21.50	240	1255578	20.00	ng/ul	0.00
86) Perylene-d12	23.87	264	1310499	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.39	96	32173m	3.97	ng/uL	>0.00
5) Phenol-d5	7.11	99	777053	22.20	ng/ul	0.00
7) Bis-(2-Chloroethyl) ether-d	7.28	67	569995	24.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.49	132	620120	23.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.66	113	534978	19.58	ng/ul	0.00
19) Nitrobenzene-d5	9.12	128	307027	24.62	ng/ul	0.00
22) 2-Nitrophenol-d4	9.85	143	332664	25.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.38	165	589070	22.57	ng/ul	0.00
29) 4-Chloroaniline-d4	10.90	131	232420	8.07	ng/ul	0.00
44) Dimethylphthalate-d6	13.99	166	1798147	24.11	ng/ul	0.00
47) Acenaphthylene-d8	14.29	160	2217784	24.58	ng/ul	0.00
52) 4-Nitrophenol-d4	14.77	143	232993	16.62	ng/ul	0.00
58) Fluorene-d10	15.58	176	1526135	23.62	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.70	200	201966	19.97	ng/ul	0.00
71) Anthracene-d10	17.43	188	2164043	25.29	ng/ul	0.00
79) Pyrene-d10	19.72	212	2146441	36.51	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.72	264	1714297	27.45	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.13	94	52248	1.504	ng/ul#	83
28) Naphthalene	10.82	128	124324	1.459	ng/ul	96
45) Dimethylphthalate	14.04	163	705062	9.872	ng/ul#	98
50) Acenaphthene	14.66	153	95246	1.552	ng/ul	98
54) Dibenzofuran	14.99	168	88833	1.035	ng/ul	97
59) Fluorene	15.64	166	98426	1.369	ng/ul	96
70) Phenanthrene	17.37	178	1646573	16.998	ng/ul	99
72) Anthracene	17.47	178	338828	3.409	ng/ul	98
75) Carbazole	17.73	167	147920	1.744	ng/ul#	94
77) Fluoranthene	19.39	202	2328368	23.369	ng/ul#	93
80) Pyrene	19.74	202	2076876	28.351	ng/ul#	88
83) Benzo(a)anthracene	21.48	228	946377	13.689	ng/ul	99
84) Bis(2-ethylhexyl)phthalate	21.39	149	104124	2.013	ng/ul#	93
85) Chrysene	21.53	228	923085	14.728	ng/ul	98
88) Benzo(b)fluoranthene	23.15	252	1184296	15.022	ng/ul#	90
89) Benzo(k)fluoranthene	23.19	252	409900m	5.414	ng/ul	> 94
91) Benzo(a)pyrene	23.77	252	846793	11.379	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	26.30	276	611601	7.471	ng/ul#	91
93) Dibenzo(a,h)anthracene	26.30	278	168155	2.423	ng/ul#	81
94) Benzo(g,h,i)perylene	27.05	276	634198	9.567	ng/ul#	92

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