

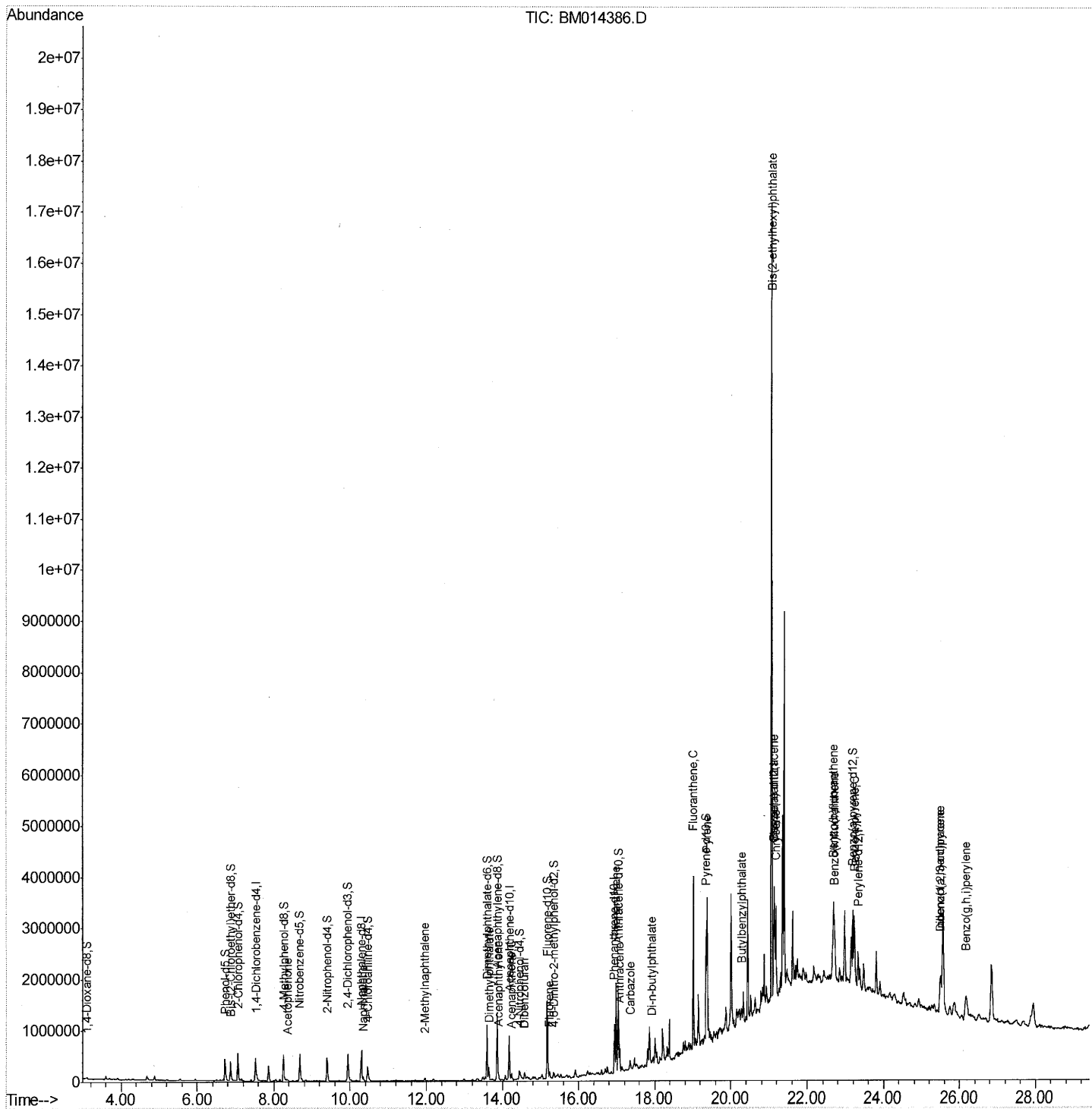
```
Data Path   : Z:\HPCHEM1\BNA M\Data\BM022718\  
Data File  : BM014386.D  
Acq On     : 27 Feb 2018   17:13  
Operator    : SJ/JU  
Sample     : J1631-08  
Misc       :  
ALS Vial    : 10      Sample Multiplier: 1
```

Instrument :
BNA_M
ClientSampleId :
BE5Y9

Manual Integrations APPROVED

Sohil
2/28/2018 1:59:14 PM

Quant Time: Feb 28 01:09:26 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration



Quantitation Report (Qedit)

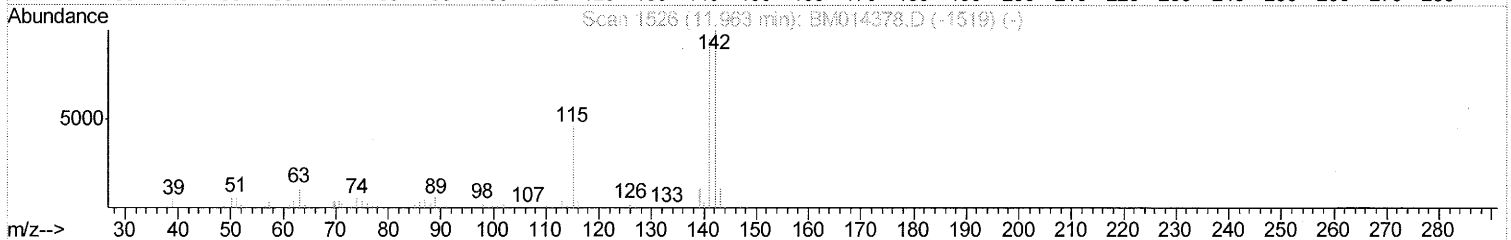
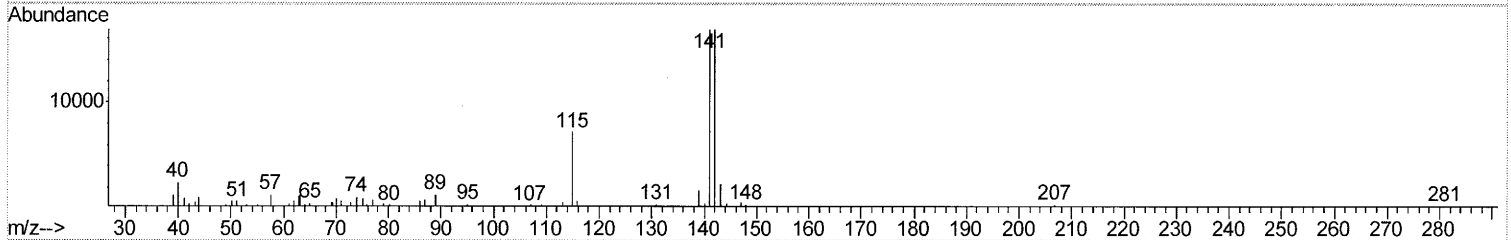
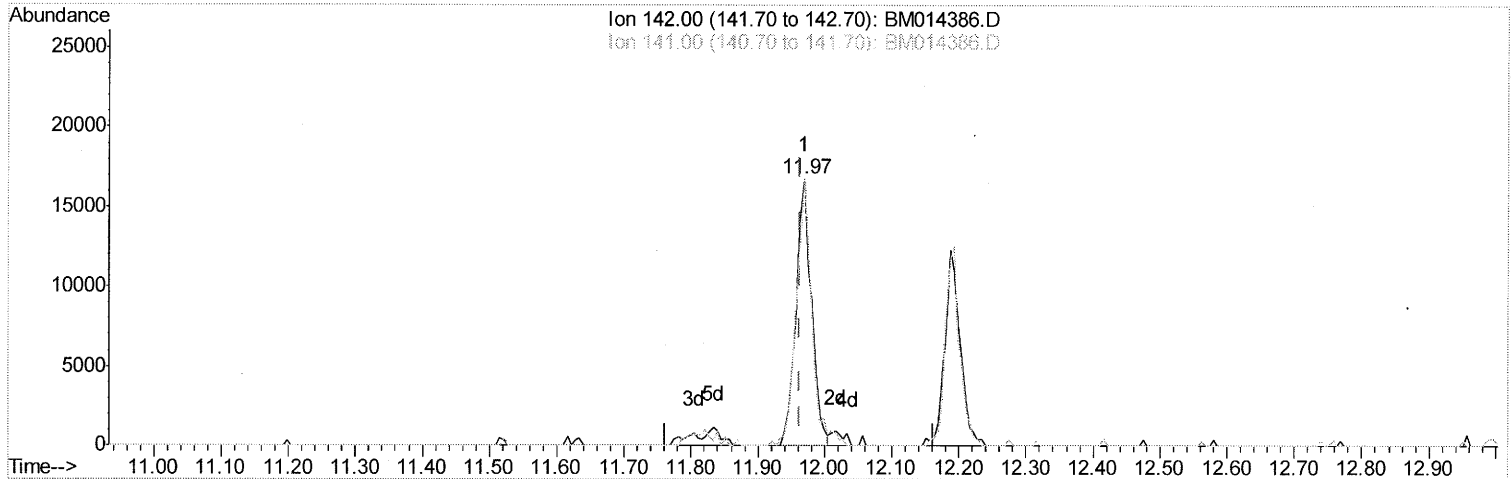
Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
Operator : SJ/JU
Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Y9

Manual Integrations
APPROVED

Sohil
2/28/2018 1:59:14 PM

Quant Time: Feb 28 00:46:03 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration



TIC: BM014386.D

(34) 2-Methylnaphthalene

11.969min (+0.006) 1.59ng/ul

response 26968

Ion	Exp%	Act%
142.00	100	100
141.00	92.60	100.19
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

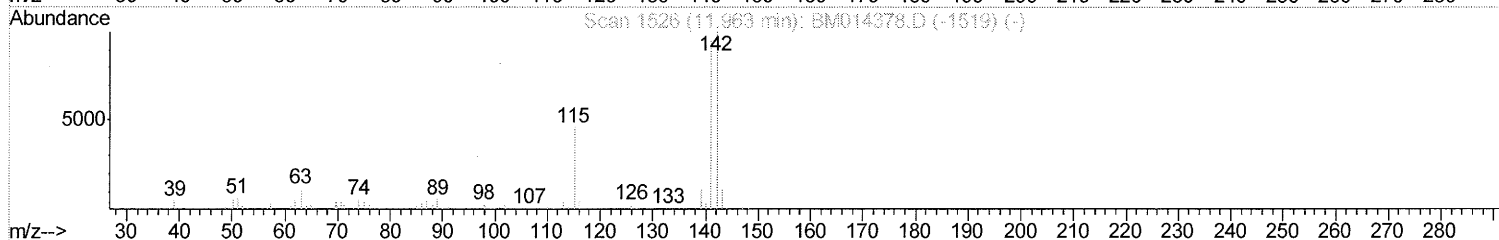
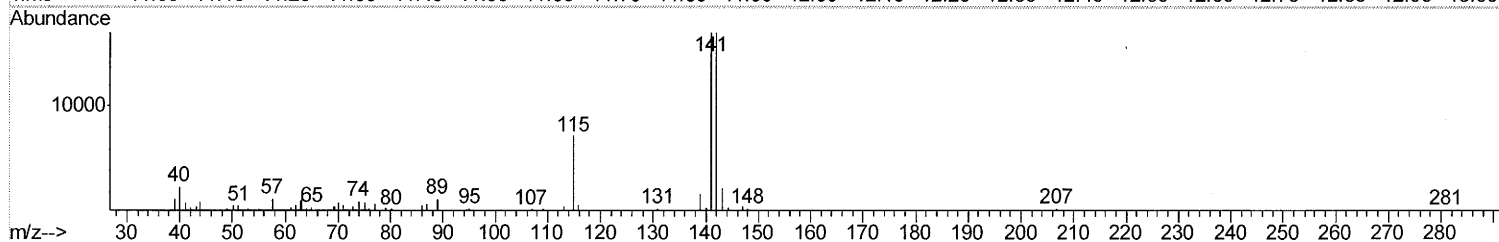
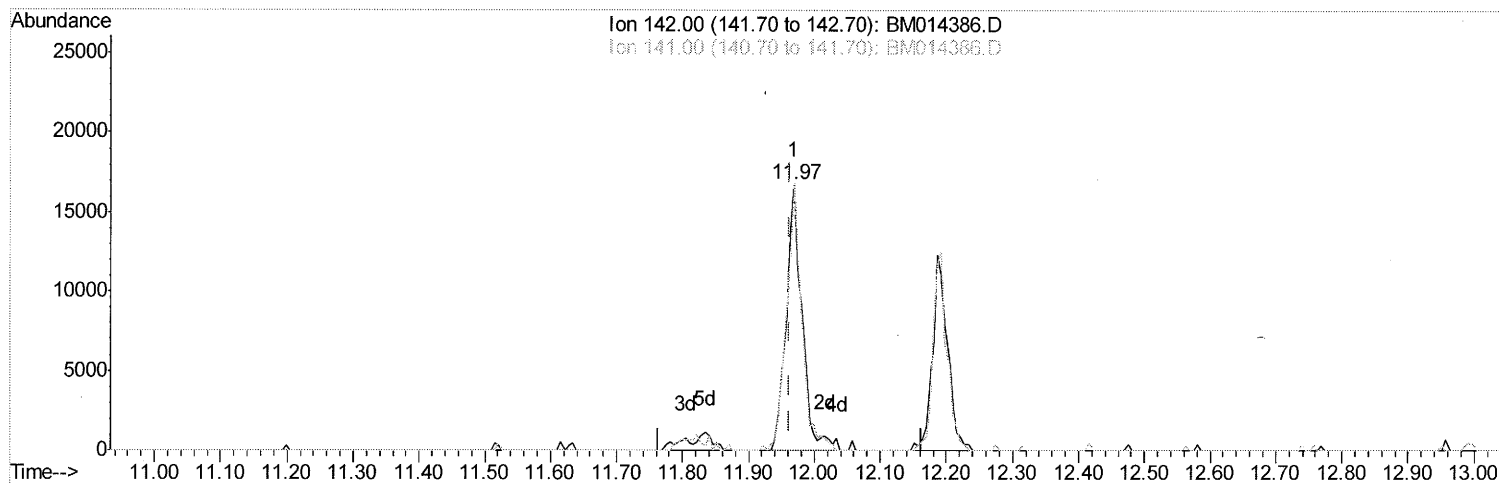
Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
Operator : SJ/JU
Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BE5Y9

Manual Integrations
APPROVED

Sohil
2/28/2018 1:59:14 PM

Quant Time: Feb 28 00:46:03 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration



TIC: BM014386.D

(34) 2-Methylnaphthalene

11.969min (+0.006) 1.66ng/ul m

response 28246

Ion	Exp%	Act%
142.00	100	100
141.00	92.60	100.19
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

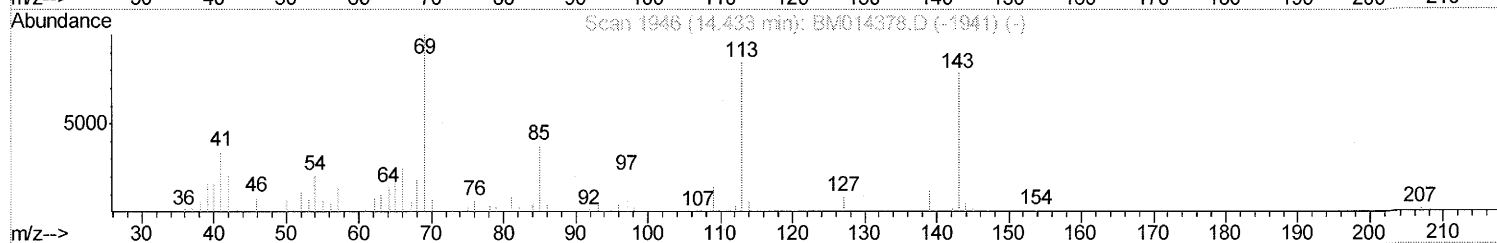
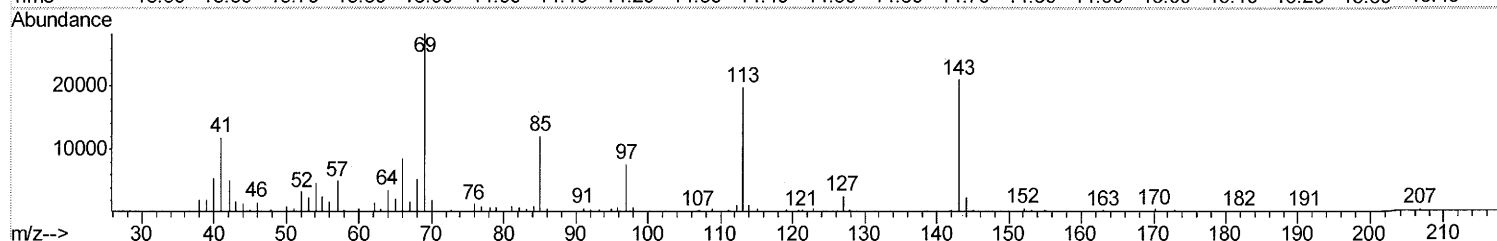
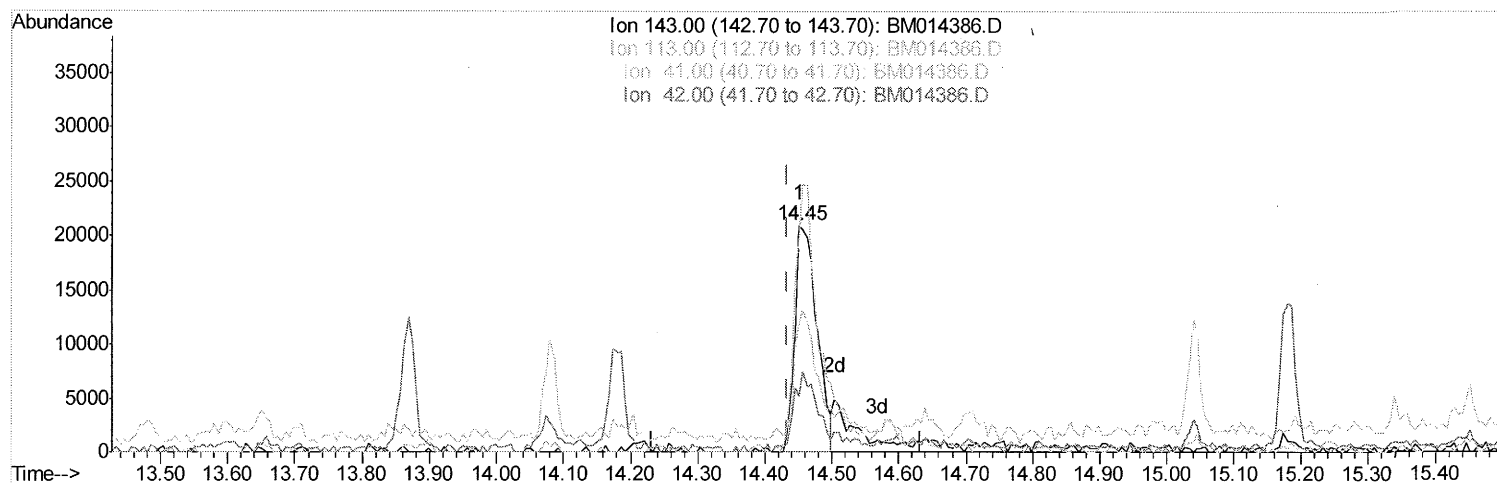
Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
Operator : SJ/JU
Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BE5Y9

Manual Integrations
APPROVED

Sohil
2/28/2018 1:59:14 PM

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TIC: BM014386.D

(51) 4-Nitrophenol-d4 (S)

14.451min (+0.018) 17.71ng/ul

response 48388

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	93.88
41.00	34.80	56.49#
42.00	20.50	24.54

Quantitation Report (Qedit)

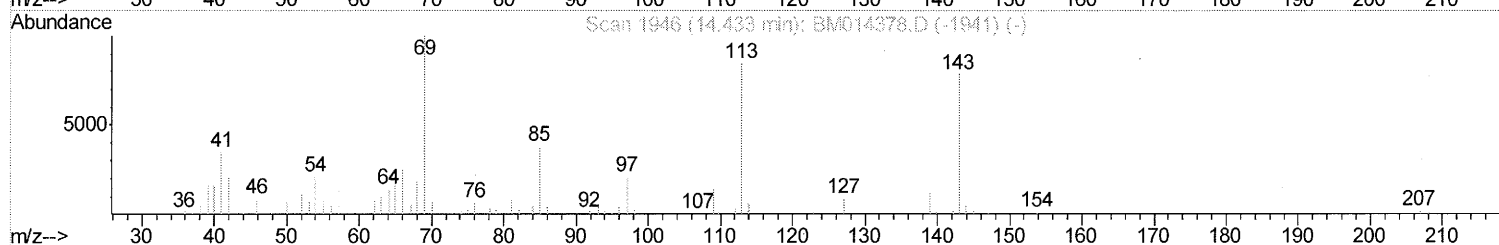
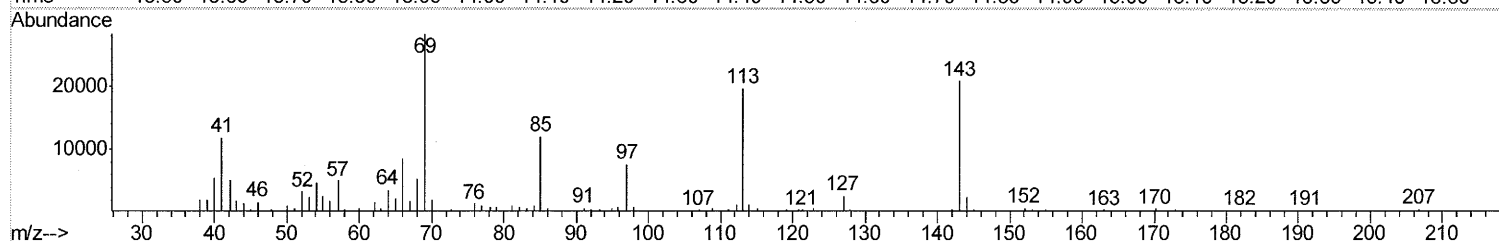
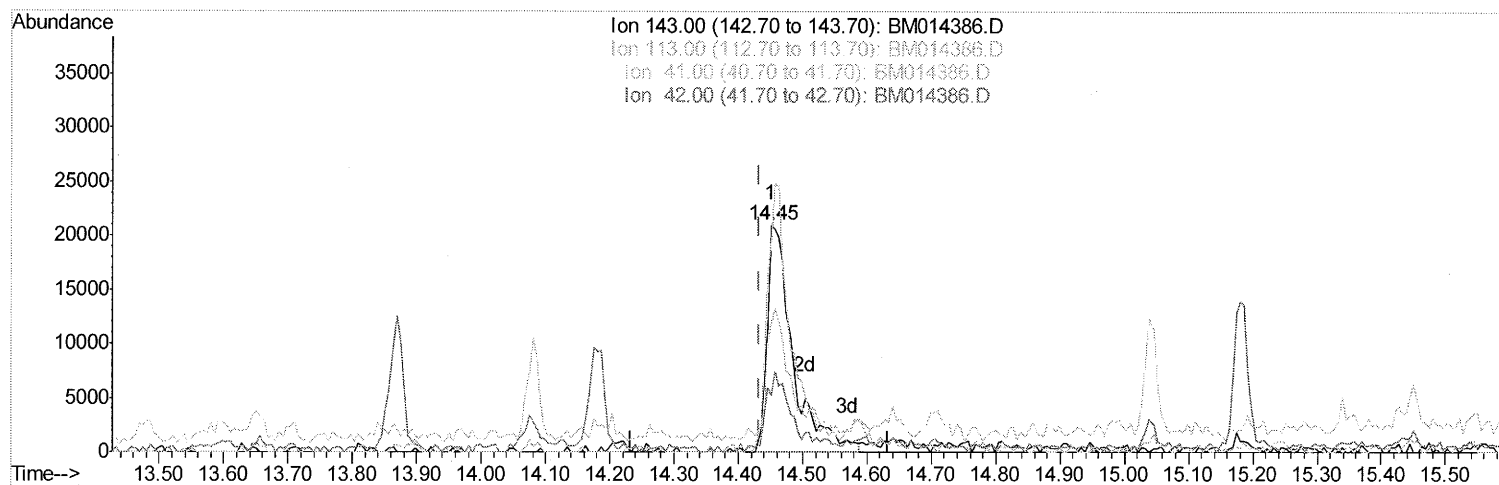
Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
Operator : SJ/JU
Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BE5Y9

Manual Integrations
APPROVED

Sohil
2/28/2018 1:59:14 PM

Quant Time: Feb 28 00:46:03 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration



TIC: BM014386.D

(51) 4-Nitrophenol-d4 (S)

14.451min (+0.018) 21.59ng/ul m

response 58993

Ion	Exp%	Act%
143.00	100	100
113.00	114.60	93.88
41.00	34.80	56.49#
42.00	20.50	24.54

Quantitation Report (Qedit)

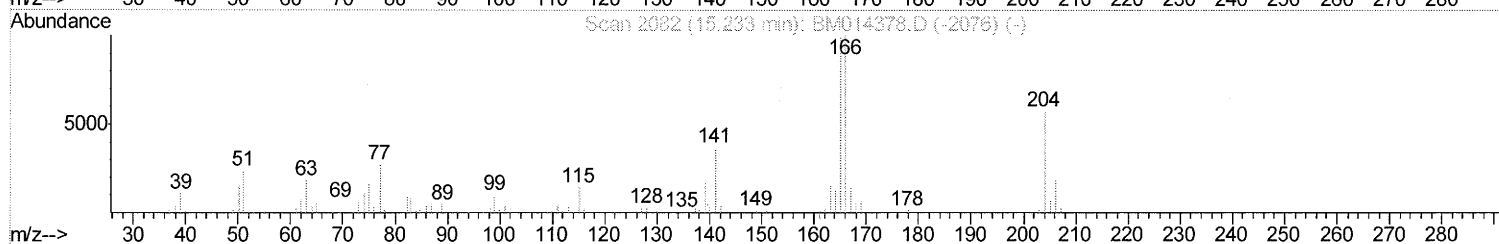
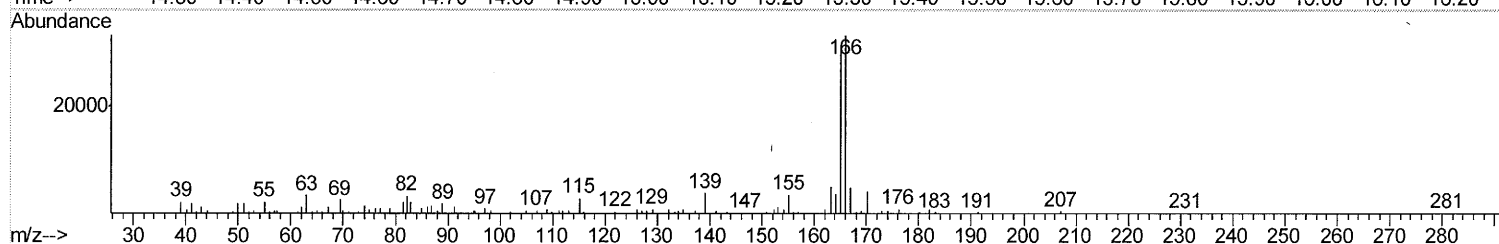
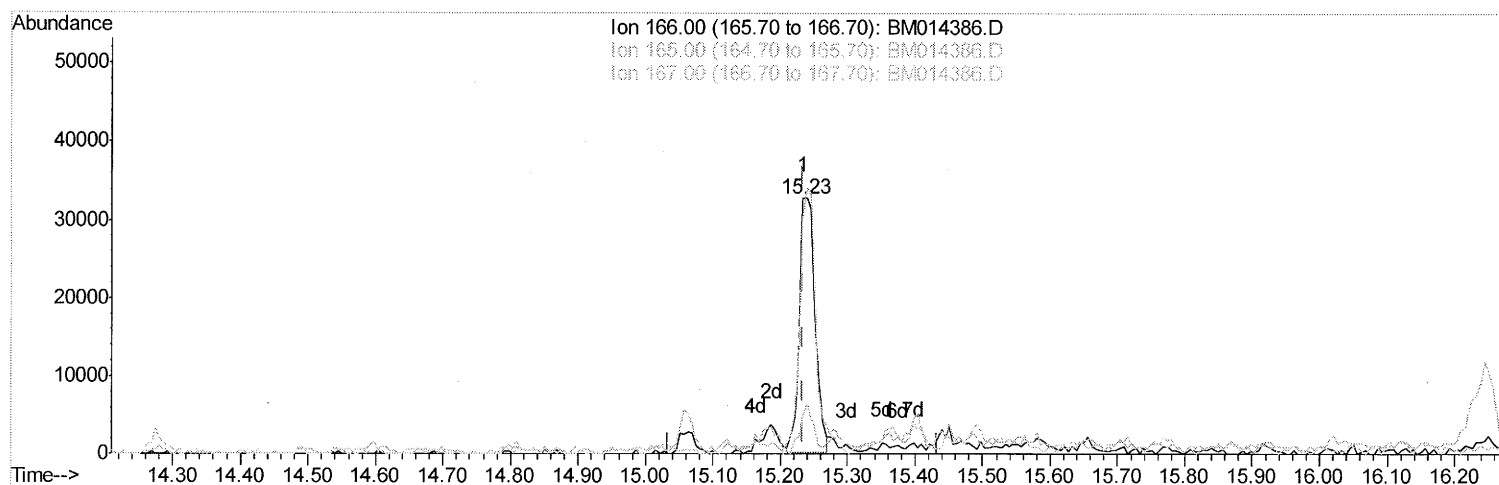
Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
 Data File : BM014386.D
 Acq On : 27 Feb 2018 17:13
 Operator : SJ/JU
 Sample : J1631-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 BE5Y9

Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:59:14 PM

Quant Time: Feb 28 01:06:32 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 00:45:45 2018
 Response via : Initial Calibration



TIC: BM014386.D

(58) Fluorene

15.233min (-0.000) 2.53ng/ul

response 53206

Ion	Exp%	Act%
166.00	100	100
165.00	97.40	92.48
167.00	13.30	14.92
0.00	0.00	0.00

Quantitation Report (Qedit)

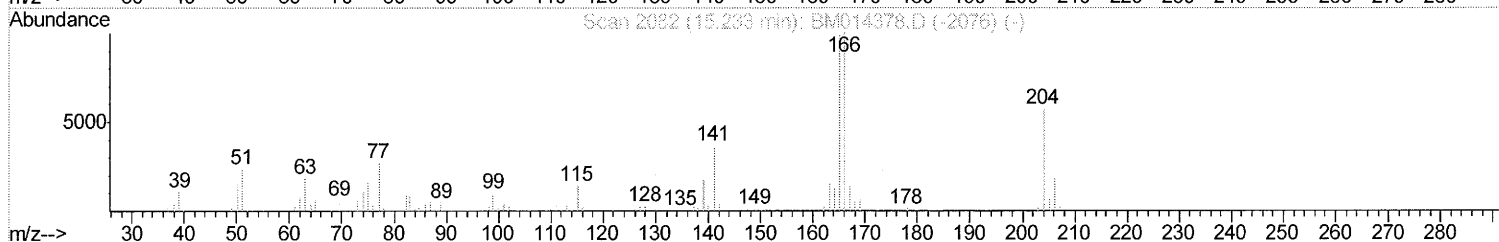
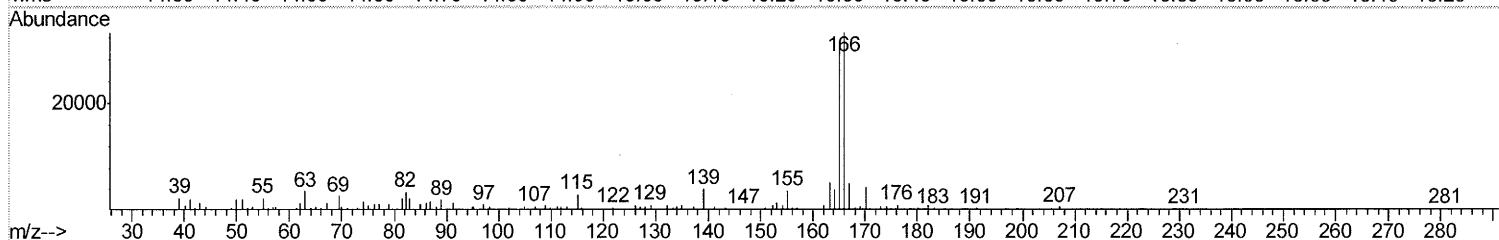
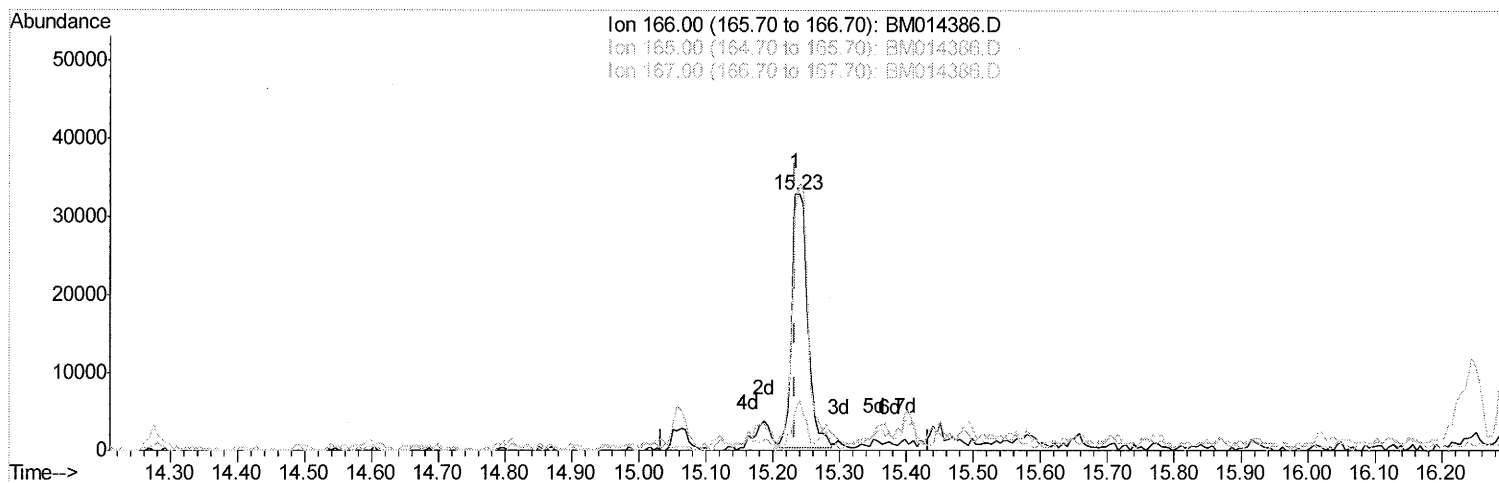
Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
Data File : BM014386.D
Acq On : 27 Feb 2018 17:13
Operator : SJ/JU
Sample : J1631-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampled :
BE5Y9

Manual Integrations
APPROVED

Sohil
2/28/2018 1:59:14 PM

Quant Time: Feb 28 01:06:32 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 28 00:45:45 2018
Response via : Initial Calibration



TIC: BM014386.D

(58) Fluorene

15.233min (-0.000) 2.56ng/ul m

response 53910

Ion	Exp%	Act%
166.00	100	100
165.00	97.40	92.48
167.00	13.30	14.92
0.00	0.00	0.00

Quantitation Report (Qedit)

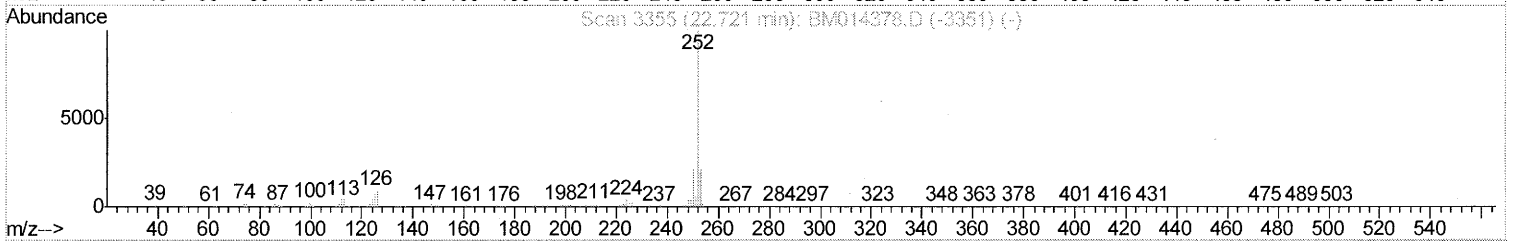
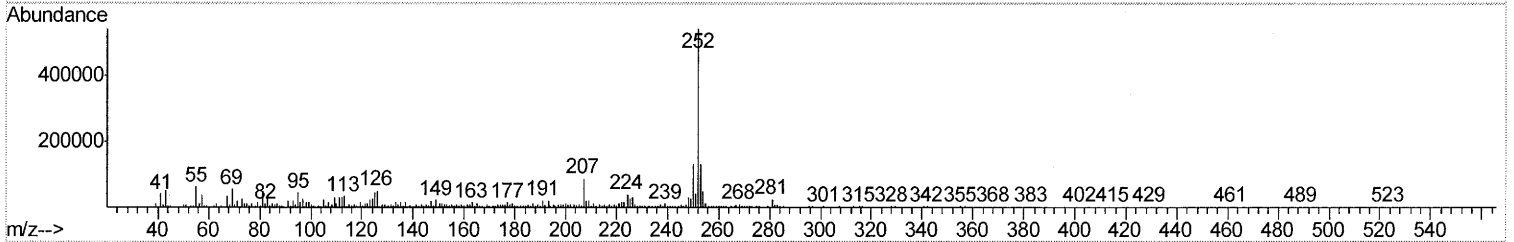
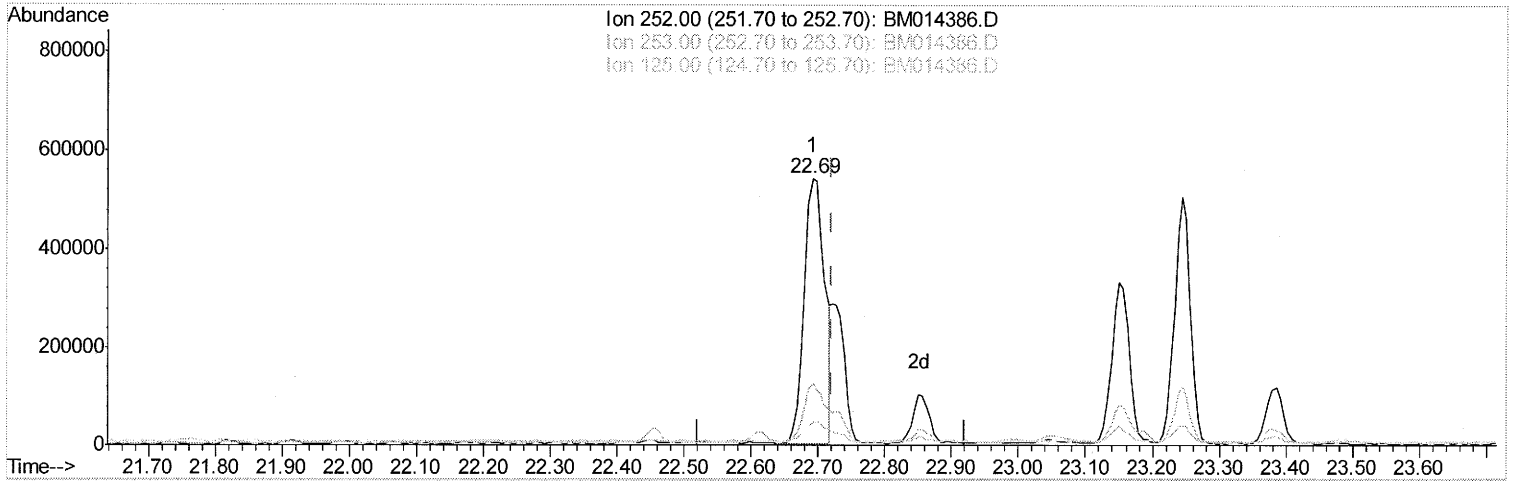
Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
 Data File : BM014386.D
 Acq On : 27 Feb 2018 17:13
 Operator : SJ/JU
 Sample : J1631-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y9

Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:59:14 PM

Quant Time: Feb 28 01:06:32 2018
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 Quant Title : SVOA CALIBRATION
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TIC: BM014386.D

(86) Benzo(k)fluoranthene

22.692min (-0.029) 37.24ng/ul

response 1138015

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.86
125.00	4.30	8.45#
0.00	0.00	0.00

Quantitation Report (Qedit)

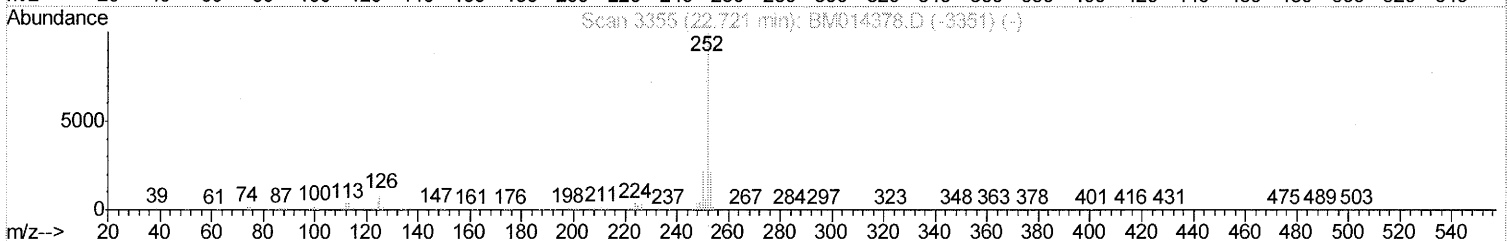
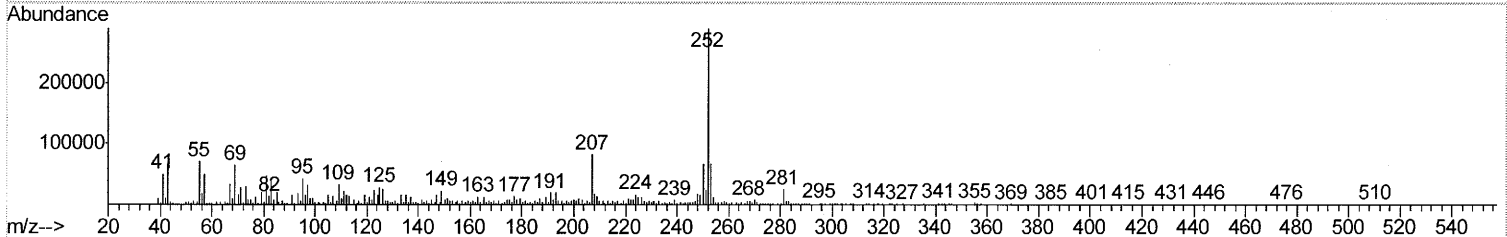
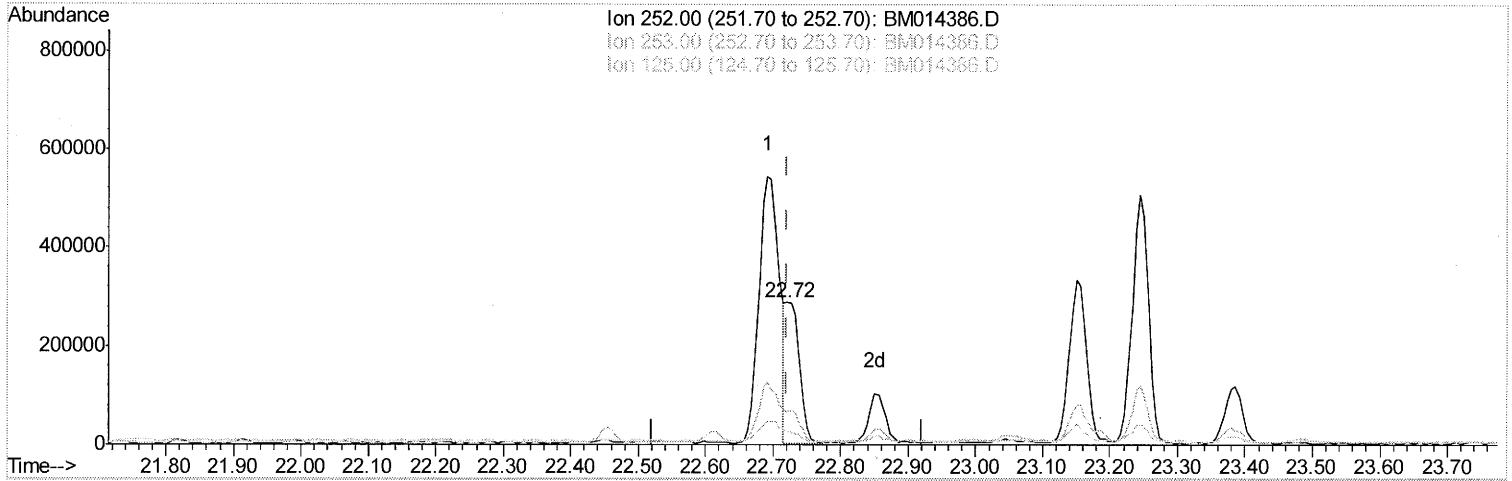
Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
 Data File : BM014386.D
 Acq On : 27 Feb 2018 17:13
 Operator : SJ/JU
 Sample : J1631-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y9

Manual Integrations
 APPROVED

Sohil
 2/28/2018 1:59:14 PM

Quant Time: Feb 28 01:06:32 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Feb 28 00:45:45 2018
 Response via : Initial Calibration



TIC: BM014386.D

(86) Benzo(k)fluoranthene

22.721min (-0.000) 13.28ng/ul m

response 405678

Ion	Exp%	Act%
252.00	100	100
253.00	21.40	23.15
125.00	4.30	9.81#
0.00	0.00	0.00

SJ 2/28/18

Data Path : Z:\HPCHEM1\BNA M\Data\BM022718\
 Data File : BM014386.D
 Acq On : 27 Feb 2018 17:13
 Operator : SJ/JU
 Sample : J1631-08
 Misc :
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Manual Integrations
 APPROVED

Sohil
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	103906	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	434752	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	239670	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	503188	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	493360	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	479990	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	13110	5.40	ng/uL	0.00
5) Phenol-d5	6.73	99	240568	27.39	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	158359	29.79	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	205268	30.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	183947	23.94	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	104613	32.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	119269	35.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	194575	28.25	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	150477	22.18	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	658111	33.25	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	824959	33.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	58993m	21.59	ng/ul	>0.02
57) Fluorene-d10	15.18	176	550893	31.07	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	21414	7.09	ng/ul	0.00
70) Anthracene-d10	17.04	188	811896	33.44	ng/ul	0.00
76) Pyrene-d10	19.35	212	839613	33.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	747025	31.98	ng/ul	0.02

Target Compounds

					Ovalue	
14) Acetophenone	8.35	105	17211	1.298	ng/ul#	74
28) Naphthalene	10.34	128	61927	2.773	ng/ul	97
34) 2-Methylnaphthalene	11.97	142	28246m	1.662	ng/ul	> 97
44) Dimethylphthalate	13.65	163	130707	6.697	ng/ul	99
47) Acenaphthylene	13.90	152	68998	2.991	ng/ul	97
49) Acenaphthene	14.25	153	50638	3.117	ng/ul#	85
53) Dibenzofuran	14.59	168	39500	1.622	ng/ul#	83
58) Fluorene	15.23	166	53910m	2.564	ng/ul	> 99
69) Phenanthrene	16.99	178	956589	32.995	ng/ul	99
71) Anthracene	17.07	178	259836	8.912	ng/ul	98
72) Carbazole	17.36	167	93443	3.811	ng/ul	98
73) Di-n-butylphthalate	17.92	149	49239	1.557	ng/ul#	90
74) Fluoranthene	19.02	202	1783250	51.483	ng/ul#	92
77) Pyrene	19.38	202	1668763	50.897	ng/ul#	92
78) Butylbenzylphthalate	20.29	149	67740	4.997	ng/ul#	78
80) Benzo(a)anthracene	21.14	228	919244	29.855	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.08	149	4868751	250.764	ng/ul#	96
82) Chrysene	21.19	228	875231	30.471	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	1138015	35.409	ng/ul#	95
86) Benzo(k)fluoranthene	22.72	252	405678m	13.276	ng/ul	> 95
88) Benzo(a)pyrene	23.24	252	843571	29.373	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.50	276	580060	20.814	ng/ul#	91
90) Dibenzo(a,h)anthracene	25.50	278	152673	6.593	ng/ul#	85

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Manual Integrations
APPROVED

Sohil
2/28/2018 1:59:14 PM

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(q,h,i)perylene	26.17	276	464751	20.586	ng/ul#	95

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