

Data File : BM013414.D
Acq On : 14 Dec 2017 22:19
Operator : SJ/JU
Sample : I6778-18
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A83

Quant Time: Dec 15 04:57:23 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	171134	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	703292	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	434338	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1033886	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1213537	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1166643	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	21888	6.33	ng/uL	0.00
5) Phenol-d5	6.86	99	546021	36.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	303222	35.91	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	438227	37.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	458417	36.24	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	214856	38.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	235149	39.39	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	457777	37.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	199863	17.68	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1491061	38.58	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1810671	37.96	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	239022	35.59	ng/ul	0.00
57) Fluorene-d10	15.32	176	1256094	37.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	224058	34.45	ng/ul	0.00
70) Anthracene-d10	17.17	188	2058063	39.75	ng/ul	0.00
76) Pyrene-d10	19.47	212	2375954	39.30	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	2358459	39.69	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.88	94	66499	4.54	ng/ul#	86
15) N-Nitroso-di-n-propylamine	8.38	70	13070	1.35	ng/ul#	1
21) Isophorone	9.55	82	25881	1.05	ng/ul#	78
28) Naphthalene	10.50	128	198898	5.50	ng/ul	98
30) 4-Chloroaniline	10.50	127	25855	2.36	ng/ul#	40
44) Dimethylphthalate	13.78	163	380936	10.30	ng/ul	99
69) Phenanthrene	17.11	178	75424	1.28	ng/ul	98
71) Anthracene	17.11	178	75424	1.26	ng/ul	100

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

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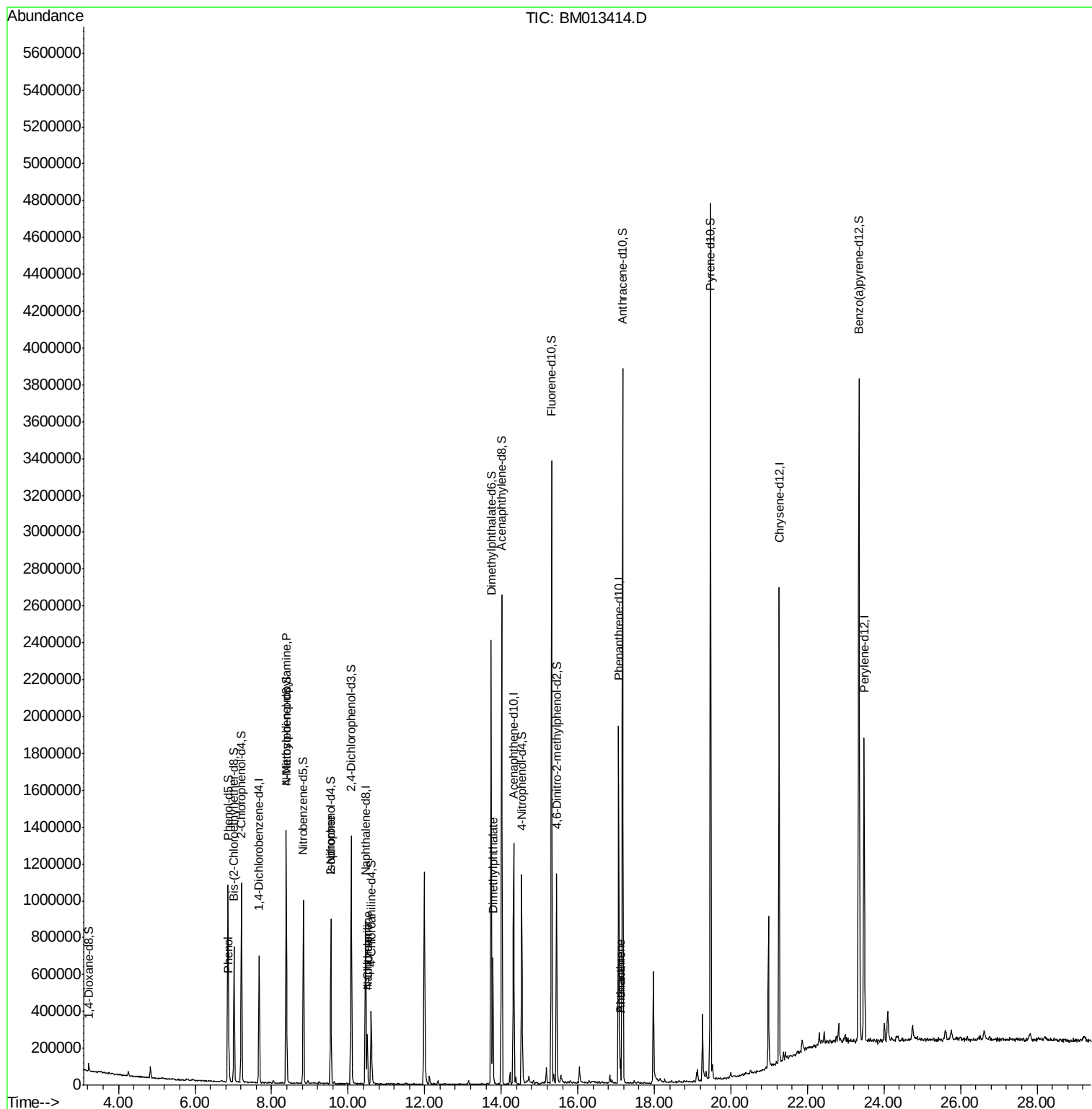
Quant Time: Dec 15 04:57:23 2017

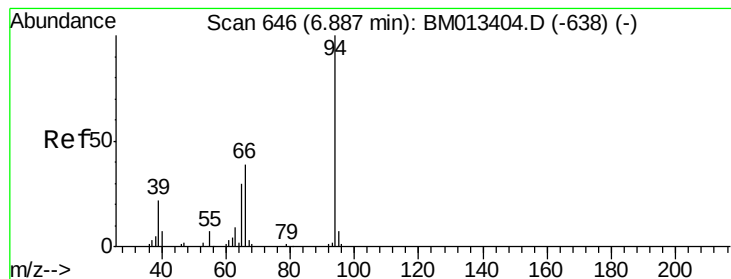
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Fri Dec 15 04:56:09 2017

Response via : Initial Calibration





#6

Phenol

Concen: 4.54 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.01 min

Lab File: BM013414.D

Acq: 14 Dec 2017 22:19

Instrument :

BNA_M

ClientSampleId :

F9A83

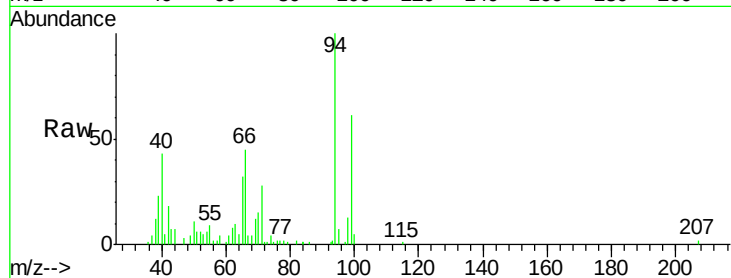
Tgt Ion: 94 Resp: 66499

Ion Ratio Lower Upper

94 100

65 32.1 28.2 42.4

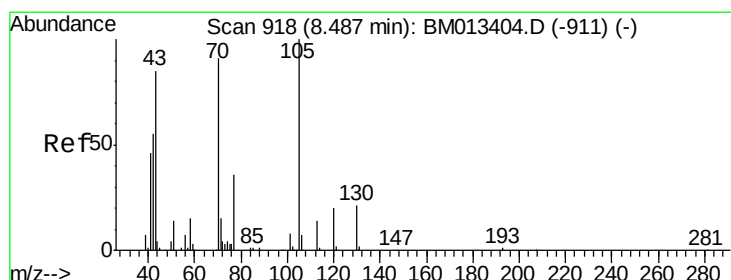
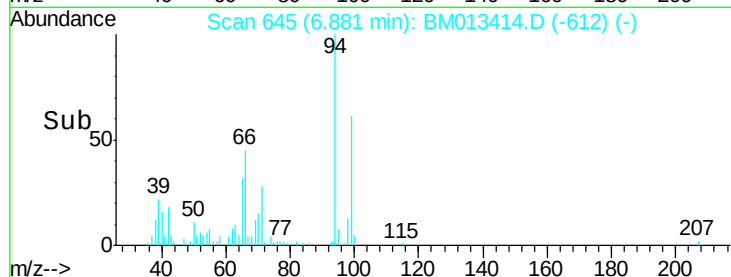
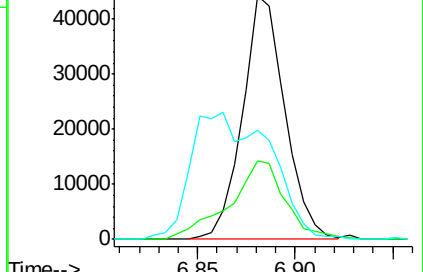
66 45.0 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013414.D (-612) (-)

Ion 65.00 (64.70 to 65.70): BM013414.D (-612) (-)

Ion 66.00 (65.70 to 66.70): BM013414.D (-612) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.35 ng/ul

RT: 8.38 min Scan# 900

Delta R.T. -0.11 min

Lab File: BM013414.D

Acq: 14 Dec 2017 22:19

Tgt Ion: 70 Resp: 13070

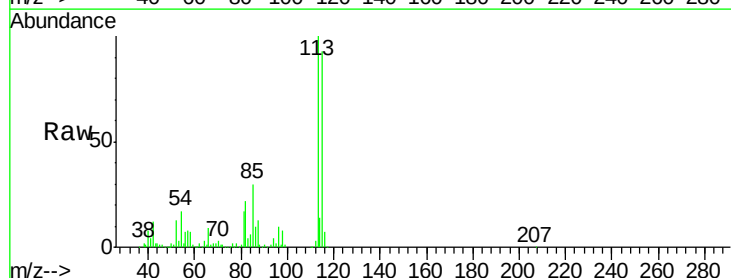
Ion Ratio Lower Upper

70 100

42 338.1 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

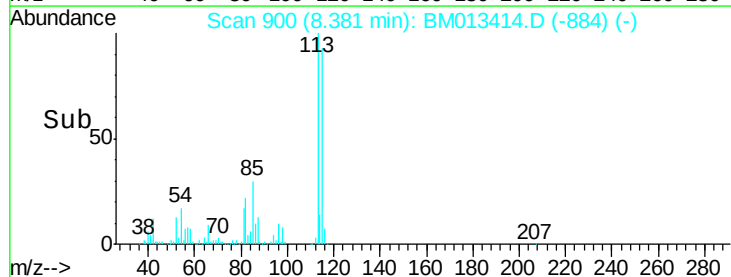
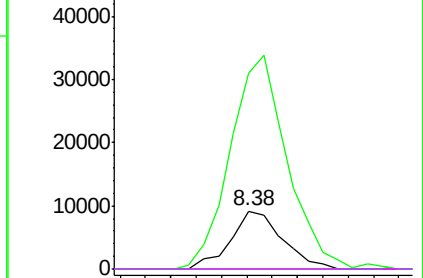


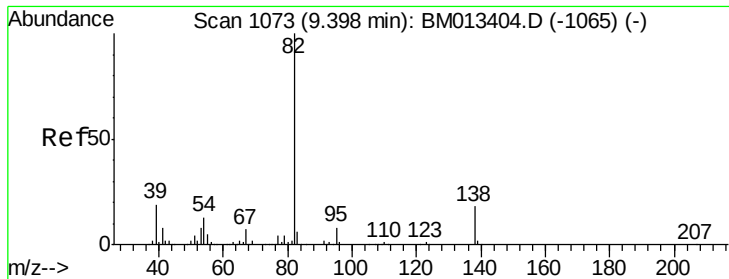
Abundance Ion 70.00 (69.70 to 70.70): BM013414.D (-884) (-)

Ion 42.00 (41.70 to 42.70): BM013414.D (-884) (-)

Ion 101.00 (100.70 to 101.70): BM013414.D (-884) (-)

Ion 130.00 (129.70 to 130.70): BM013414.D (-884) (-)





#21

Isophorone

Concen: 1.05 ng/ul

RT: 9.55 min Scan# 1098

Delta R.T. 0.15 min

Lab File: BM013414.D

Acq: 14 Dec 2017 22:19

Instrument :

BNA_M

ClientSampleId :

F9A83

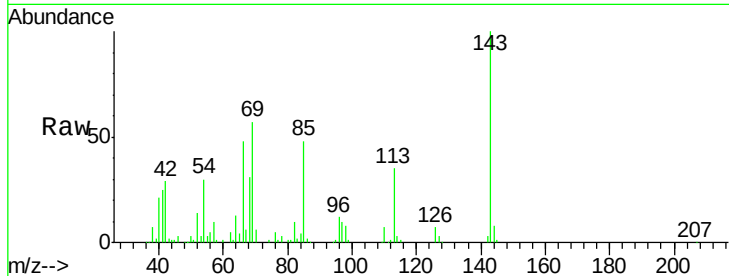
Tgt Ion: 82 Resp: 25881

Ion Ratio Lower Upper

82 100

95 9.2 7.8 11.8

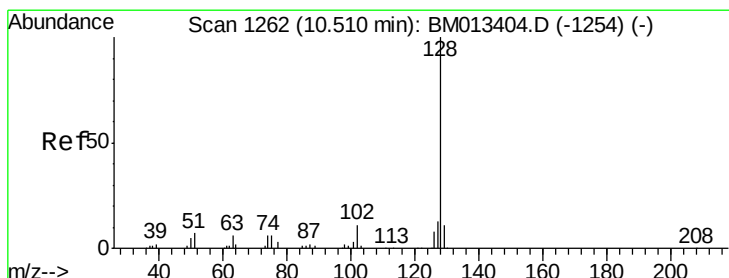
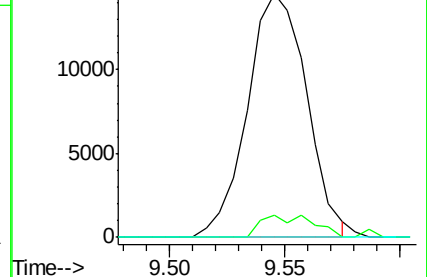
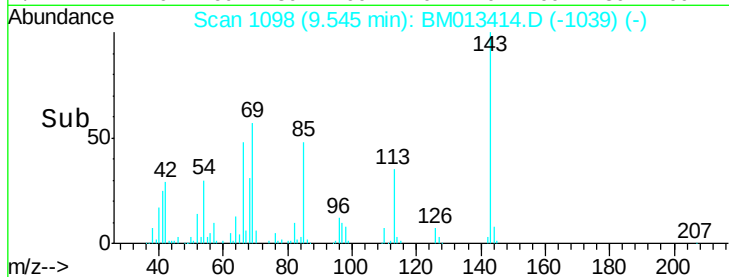
138 0.0 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM013414.D (-1098) (-)

Ion 95.00 (94.70 to 95.70): BM013414.D (-1098) (-)

Ion 138.00 (137.70 to 138.70): BM013414.D (-1098) (-)



#28

Naphthalene

Concen: 5.50 ng/ul

RT: 10.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM013414.D

Acq: 14 Dec 2017 22:19

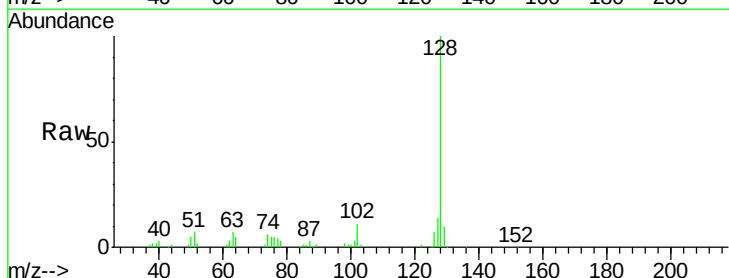
Tgt Ion: 128 Resp: 198898

Ion Ratio Lower Upper

128 100

129 9.9 8.8 13.2

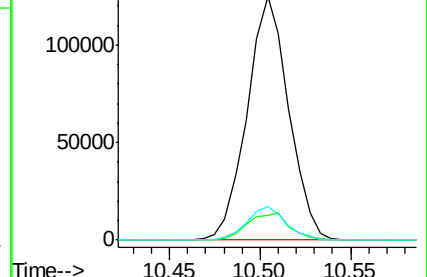
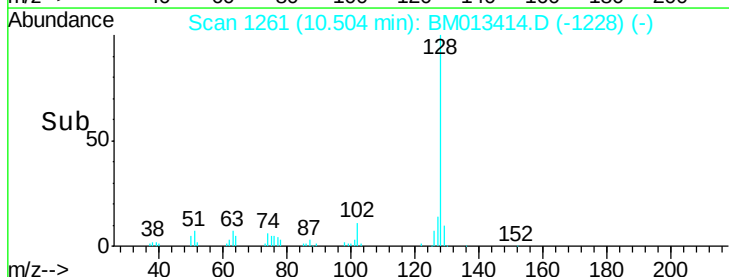
127 14.1 10.6 16.0

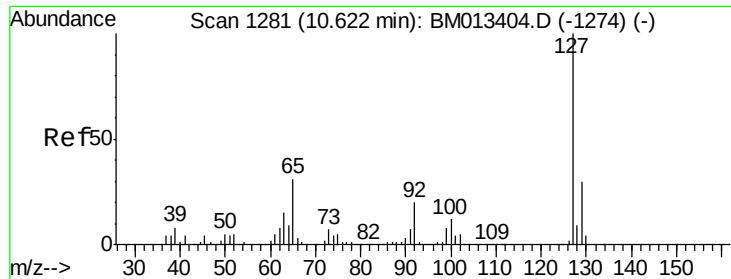


Abundance Ion 128.00 (127.70 to 128.70): BM013414.D (-1262) (-)

Ion 129.00 (128.70 to 129.70): BM013414.D (-1262) (-)

Ion 127.00 (126.70 to 127.70): BM013414.D (-1262) (-)

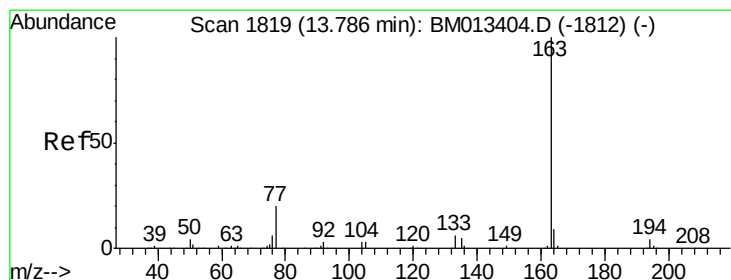
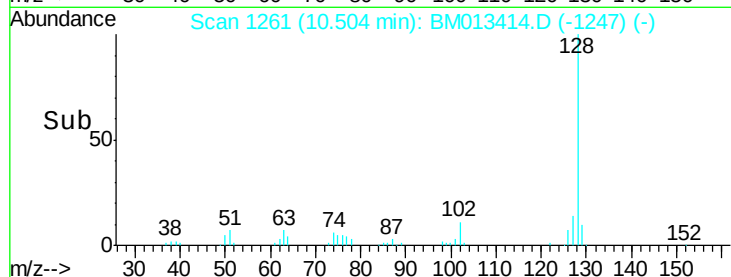
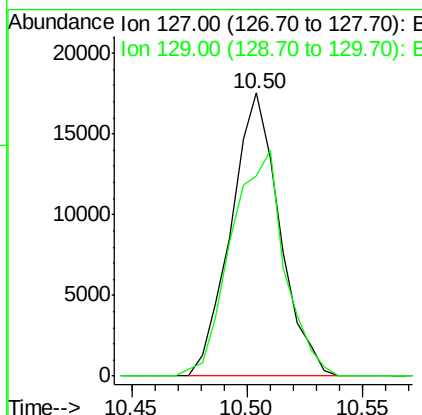
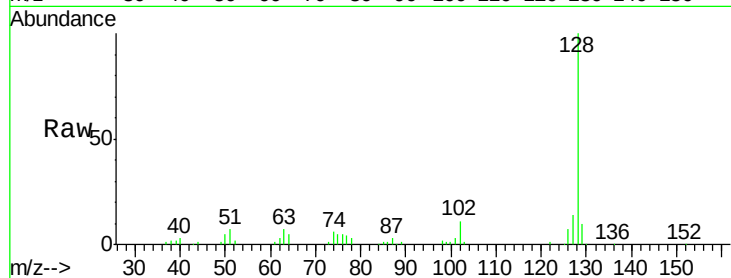




#30
4-Chloroaniline
Concen: 2.36 ng/ul
RT: 10.50 min Scan# 1261
Delta R.T. -0.12 min
Lab File: BM013414.D
Acq: 14 Dec 2017 22:19

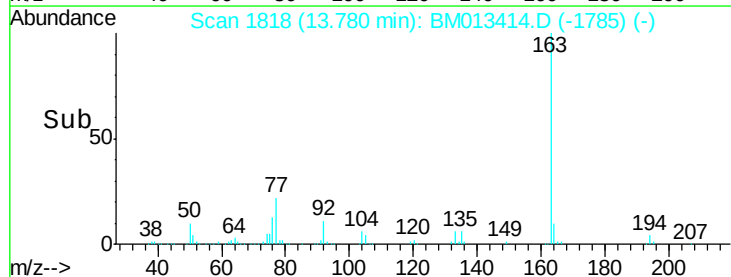
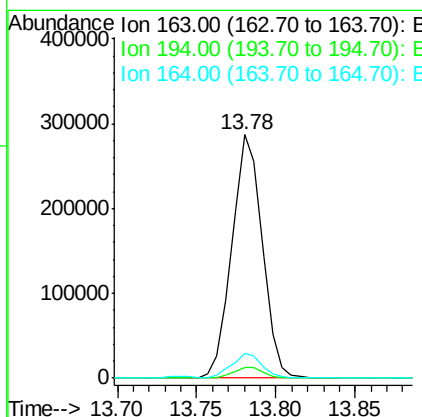
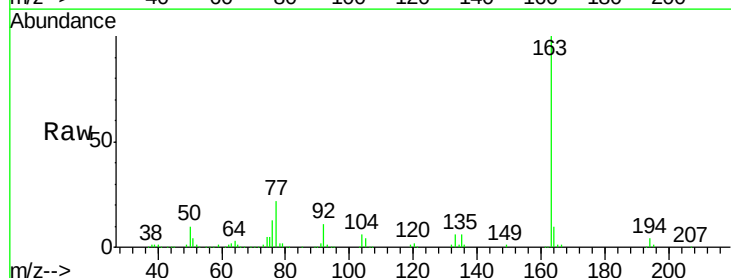
Instrument :
BNA_M
ClientSampleId :
F9A83

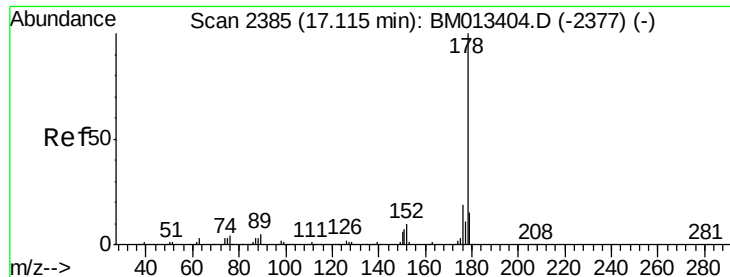
Tgt Ion:127 Resp: 25855
Ion Ratio Lower Upper
127 100
129 70.6 28.4 42.6#



#44
Dimethylphthalate
Concen: 10.30 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM013414.D
Acq: 14 Dec 2017 22:19

Tgt Ion:163 Resp: 380936
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.0 8.2 12.4





#69

Phenanthrene

Concen: 1.28 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM013414.D

Acq: 14 Dec 2017 22:19

Instrument :

BNA_M

ClientSampleId :

F9A83

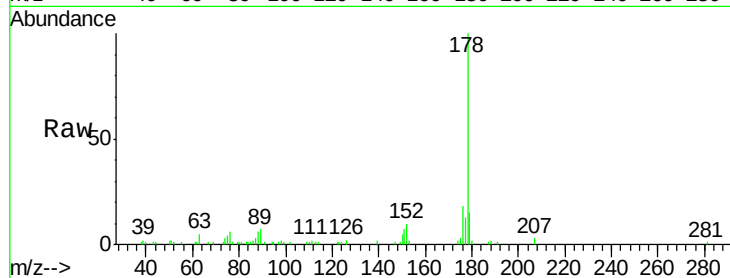
Tgt Ion:178 Resp: 75424

Ion Ratio Lower Upper

178 100

179 14.6 12.6 19.0

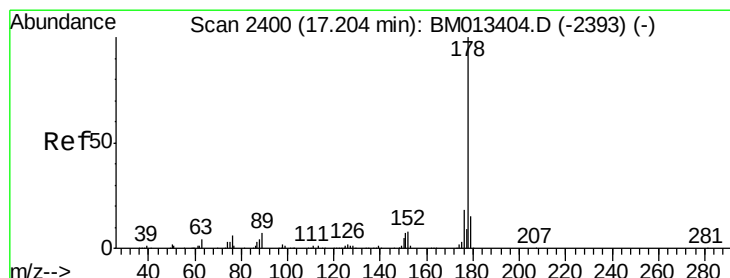
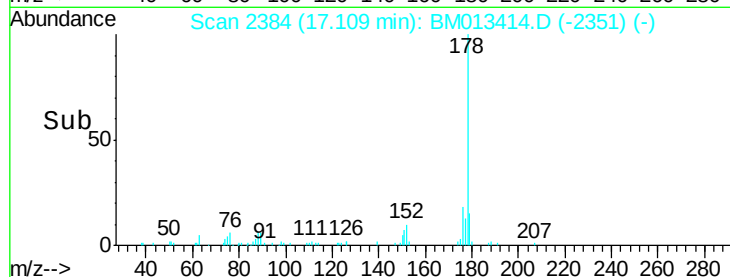
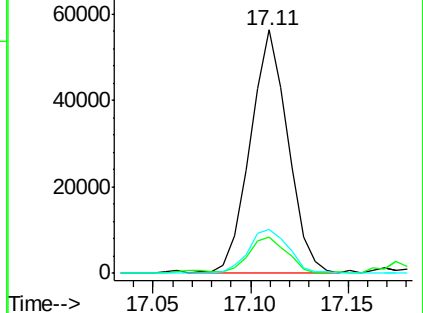
176 18.0 14.9 22.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 1.26 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.09 min

Lab File: BM013414.D

Acq: 14 Dec 2017 22:19

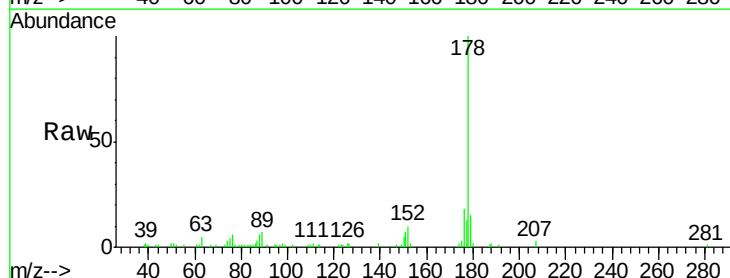
Tgt Ion:178 Resp: 75424

Ion Ratio Lower Upper

178 100

179 14.6 11.7 17.5

176 18.0 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

