

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM012318\
 Data File : BM013758.D
 Acq On : 24 Jan 2018 08:11
 Operator : SJ/JU
 Sample : J1221-05
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6A63

Quant Time: Jan 24 10:28:28 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 24 08:36:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	194902	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	786677	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.26	164	423690	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.01	188	871932	20.00	ng/ul	0.00
75) Chrysene-d12	21.21	240	886294	20.00	ng/ul	0.00
83) Perylene-d12	23.41	264	906137	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	24625	4.99	ng/uL	0.00
5) Phenol-d5	6.79	99	579079	38.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	328616	36.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	480219	39.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	458149	39.83	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	243426	39.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	265784	41.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.01	165	482060	38.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.53	131	559151	51.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.67	166	1369712	39.23	ng/ul	0.00
46) Acenaphthylene-d8	13.94	160	1784111	40.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	181691	32.02	ng/ul	0.00
57) Fluorene-d10	15.26	176	1151226	37.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	155744	29.68	ng/ul	0.00
70) Anthracene-d10	17.11	188	1687169	39.73	ng/ul	0.00
76) Pyrene-d10	19.41	212	1779336	43.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.27	264	1719201	41.28	ng/ul	0.00

Target Compounds

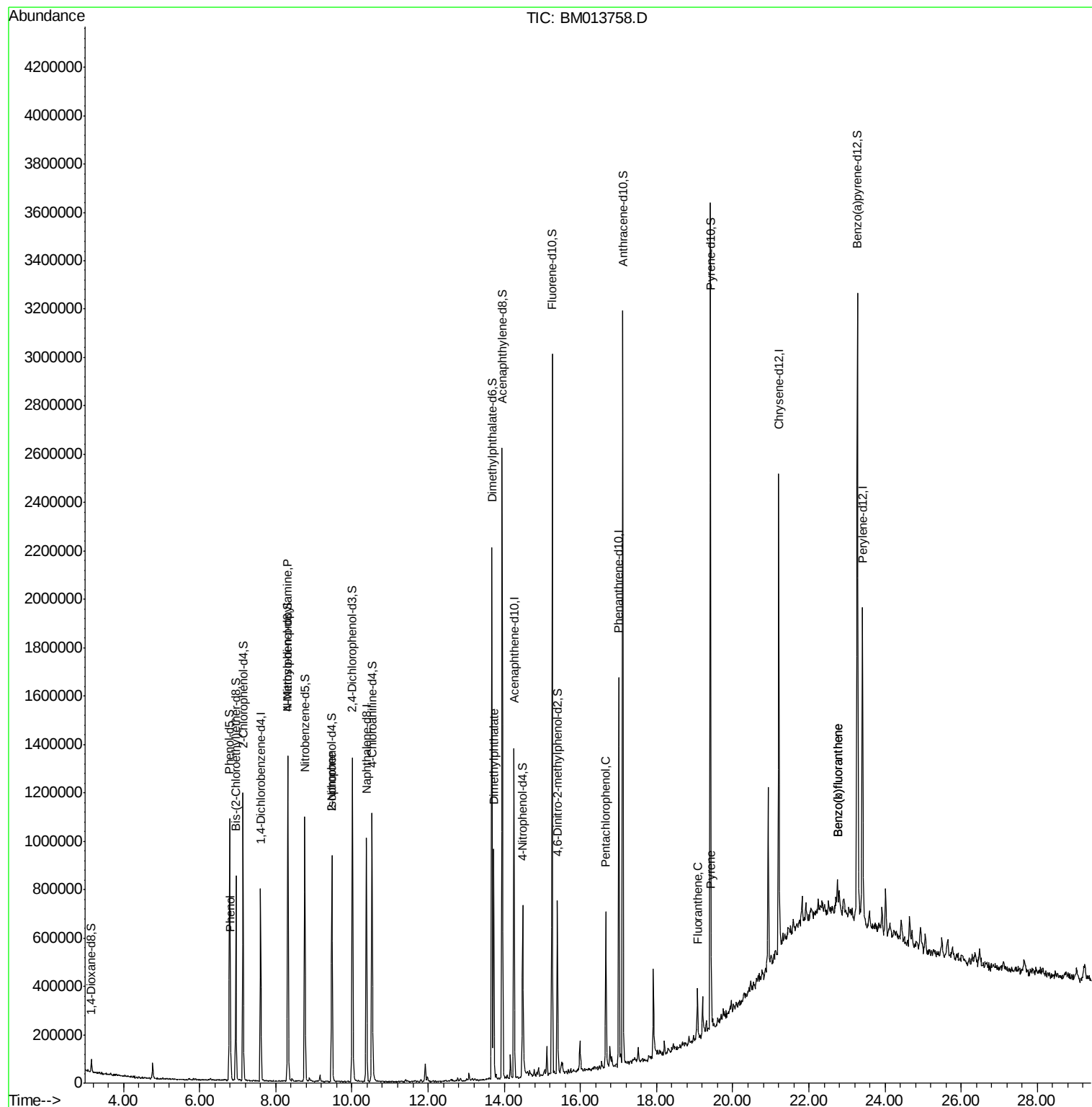
					Qvalue	
6) Phenol	6.81	94	51264	3.416	ng/ul	94
15) N-Nitroso-di-n-propylamine	8.32	70	12617	1.359	ng/ul#	1
21) Isophorone	9.47	82	29186	1.146	ng/ul#	78
44) Dimethylphthalate	13.72	163	566024	16.486	ng/ul	99
68) Pentachlorophenol	16.67	266	114099	19.369	ng/ul	96
74) Fluoranthene	19.07	202	116498	2.014	ng/ul	98
77) Pyrene	19.44	202	136983	2.542	ng/ul#	92
85) Benzo(b)fluoranthene	22.76	252	62643	1.126	ng/ul#	86
86) Benzo(k)fluoranthene	22.76	252	62643	1.165	ng/ul#	84

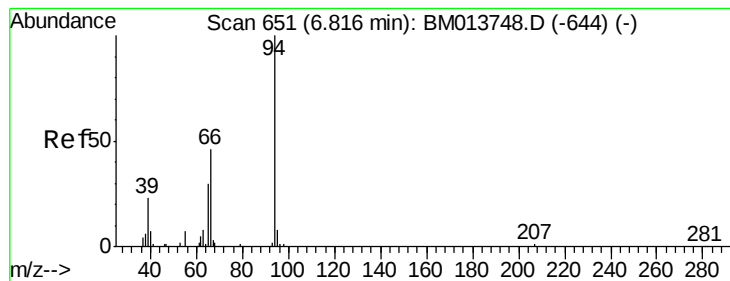
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 3.416 ng/ul

RT: 6.81 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM013758.D

Acq: 24 Jan 2018 08:11

Instrument :

BNA_M

ClientSampleId :

F6A63

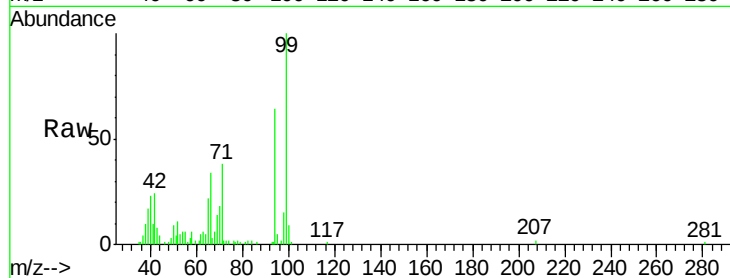
Tgt Ion: 94 Resp: 51264

Ion Ratio Lower Upper

94 100

65 34.7 28.2 42.4

66 52.9 47.2 70.8

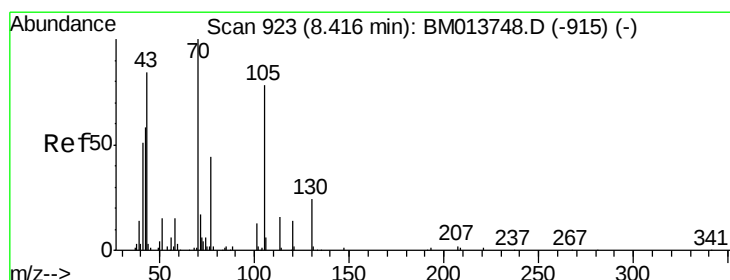
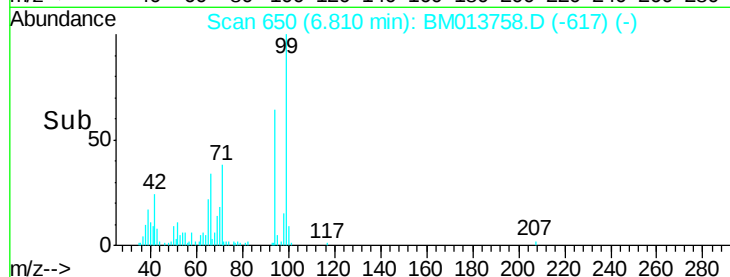
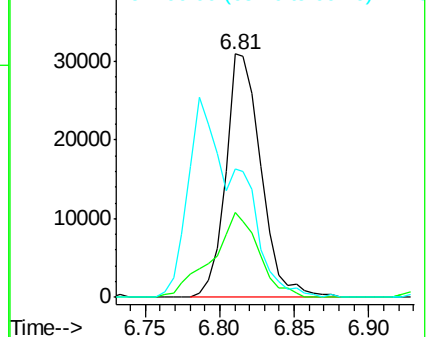


Abundance

Ion 94.00 (93.70 to 94.70): BM013748.D (-644) (-)

Ion 65.00 (64.70 to 65.70): BM013748.D (-644) (-)

Ion 66.00 (65.70 to 66.70): BM013748.D (-644) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.359 ng/ul

RT: 8.32 min Scan# 907

Delta R.T. -0.09 min

Lab File: BM013758.D

Acq: 24 Jan 2018 08:11

Tgt Ion: 70 Resp: 12617

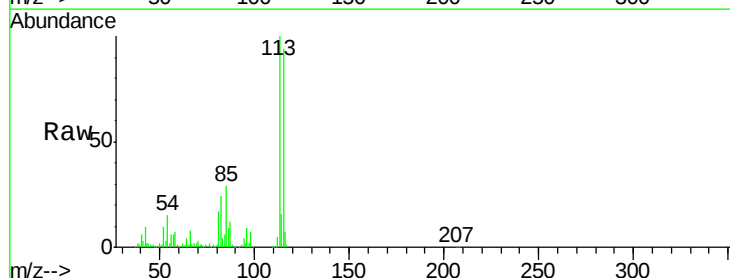
Ion Ratio Lower Upper

70 100

42 323.0 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#



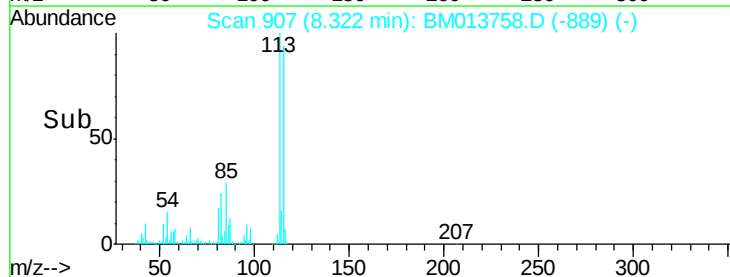
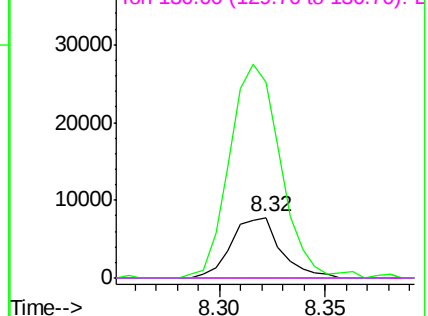
Abundance

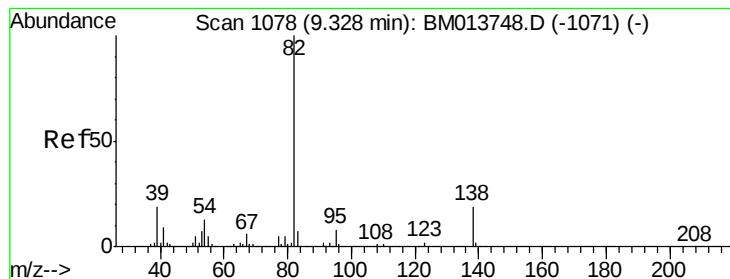
Ion 70.00 (69.70 to 70.70): BM013748.D (-915) (-)

Ion 42.00 (41.70 to 42.70): BM013748.D (-915) (-)

Ion 101.00 (100.70 to 101.70): BM013748.D (-915) (-)

Ion 130.00 (129.70 to 130.70): BM013748.D (-915) (-)





#21

Isophorone

Concen: 1.146 ng/ul

RT: 9.47 min Scan# 1103

Delta R.T. 0.15 min

Lab File: BM013758.D

Acq: 24 Jan 2018 08:11

Instrument :

BNA_M

ClientSampled :

F6A63

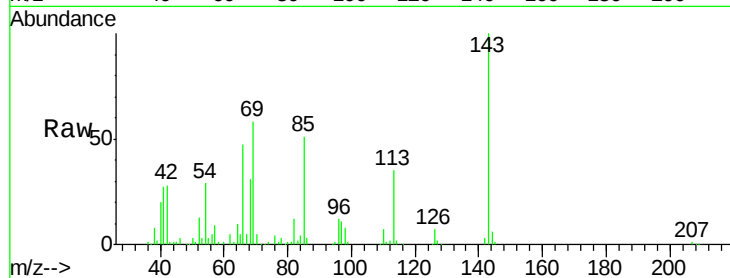
Tgt Ion: 82 Resp: 29186

Ion Ratio Lower Upper

82 100

95 9.2 7.8 11.8

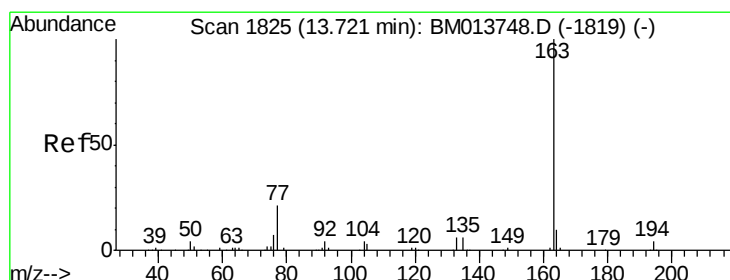
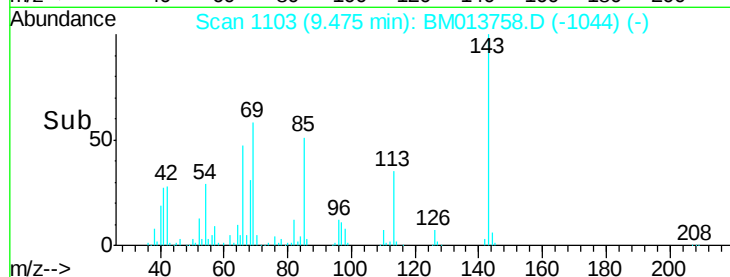
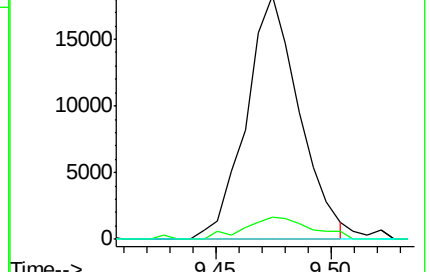
138 0.0 11.9 17.9#



Abundance Ion 82.00 (81.70 to 82.70): BM013758.D (-1044) (-)

Ion 95.00 (94.70 to 95.70): BM013758.D (-1044) (-)

Ion 138.00 (137.70 to 138.70): BM013758.D (-1044) (-)



#44

Dimethylphthalate

Concen: 16.486 ng/ul

RT: 13.72 min Scan# 1825

Delta R.T. -0.00 min

Lab File: BM013758.D

Acq: 24 Jan 2018 08:11

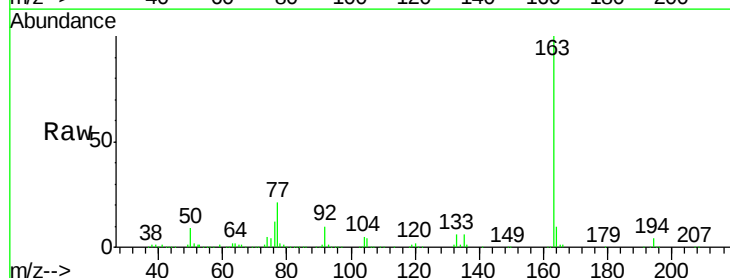
Tgt Ion: 163 Resp: 566024

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

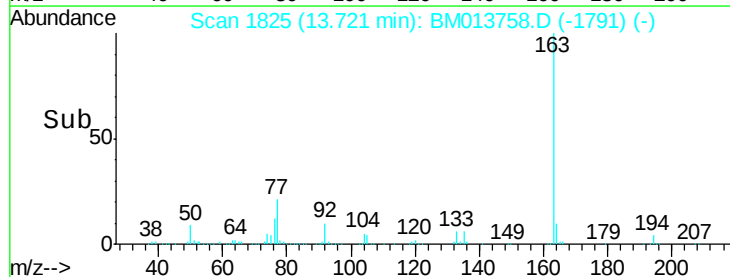
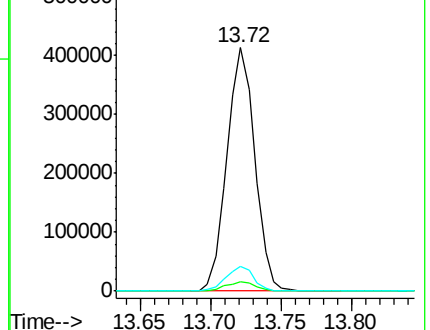
164 10.2 8.2 12.4

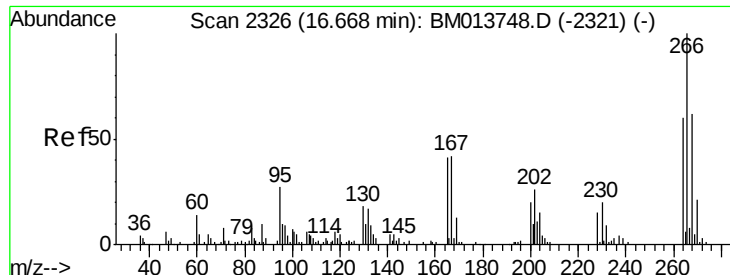


Abundance Ion 163.00 (162.70 to 163.70): BM013758.D (-1791) (-)

Ion 194.00 (193.70 to 194.70): BM013758.D (-1791) (-)

Ion 164.00 (163.70 to 164.70): BM013758.D (-1791) (-)





#68

Pentachlorophenol

Concen: 19.369 ng/ul

RT: 16.67 min Scan# 2326

Delta R.T. -0.00 min

Lab File: BM013758.D

Acq: 24 Jan 2018 08:11

Instrument :

BNA_M

ClientSampleId :

F6A63

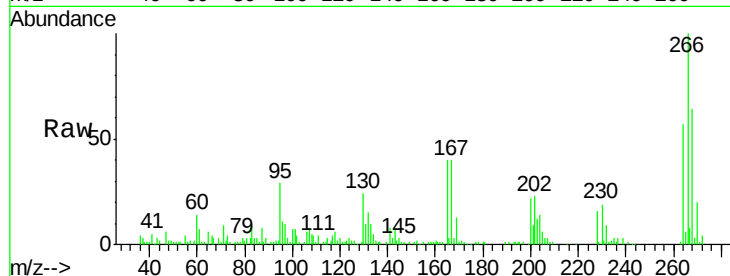
Tgt Ion:266 Resp: 114099

Ion Ratio Lower Upper

266 100

264 57.2 49.3 73.9

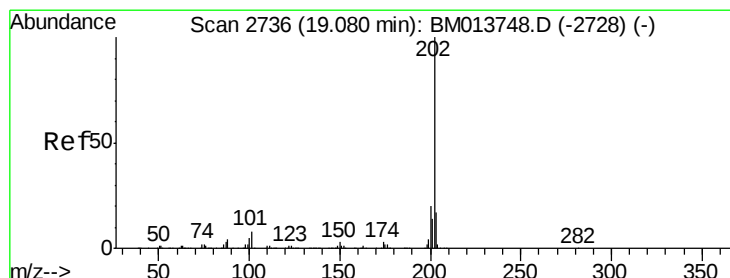
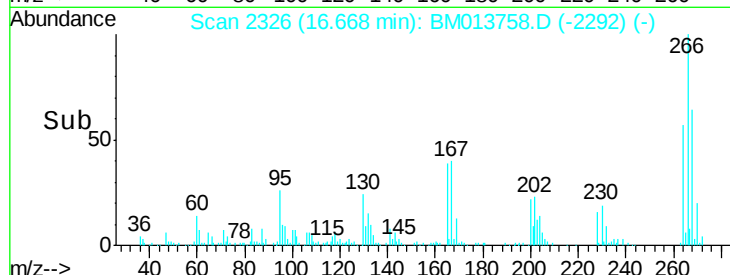
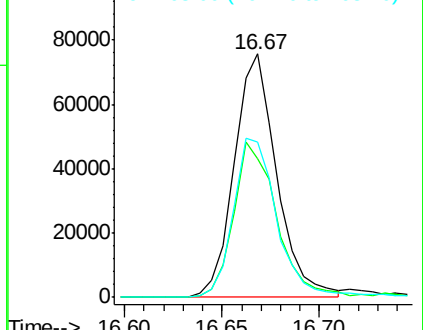
268 63.6 52.6 78.8



Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E



#74

Fluoranthene

Concen: 2.014 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. -0.01 min

Lab File: BM013758.D

Acq: 24 Jan 2018 08:11

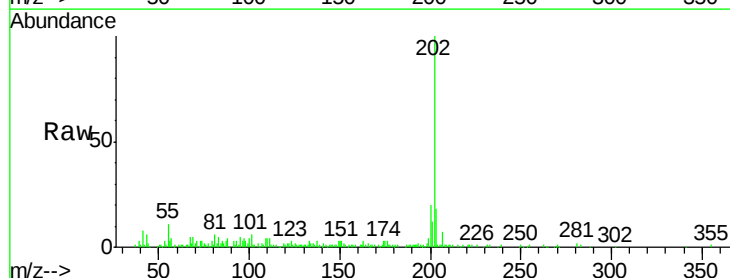
Tgt Ion:202 Resp: 116498

Ion Ratio Lower Upper

202 100

101 6.2 4.6 7.0

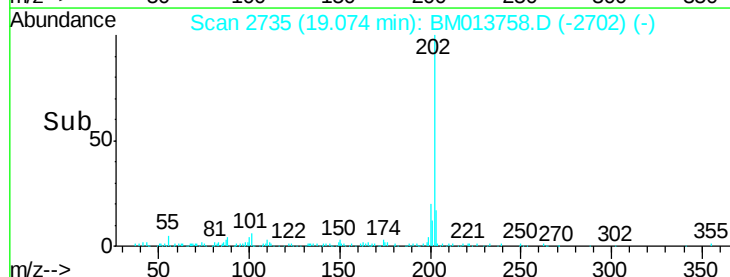
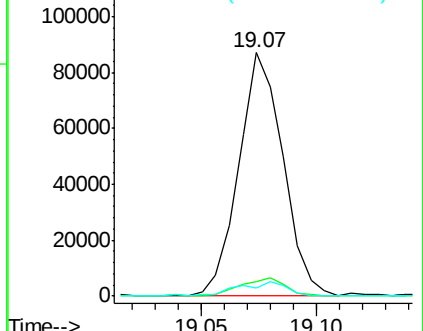
100 3.6 3.4 5.2

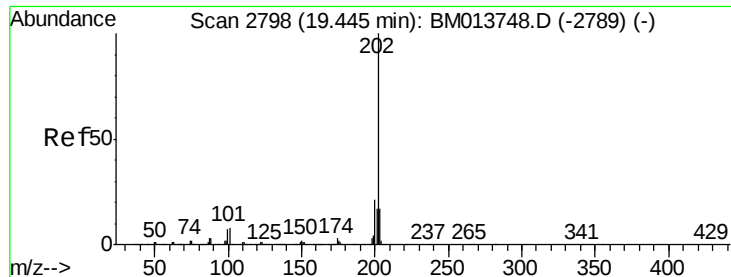


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 2.542 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BM013758.D

Acq: 24 Jan 2018 08:11

Instrument :

BNA_M

ClientSampleId :

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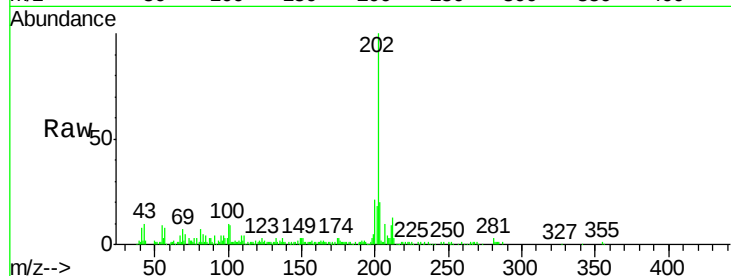
Tgt Ion:202 Resp: 136983

Ion Ratio Lower Upper

202 100

101 8.6 5.1 7.7#

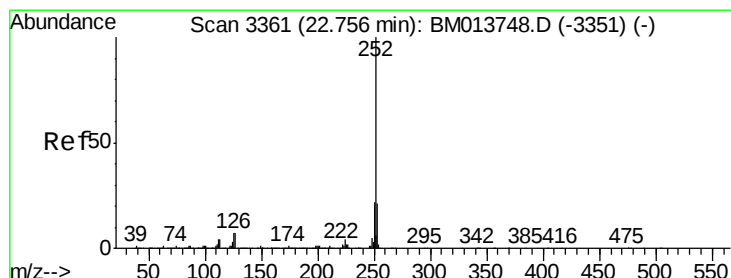
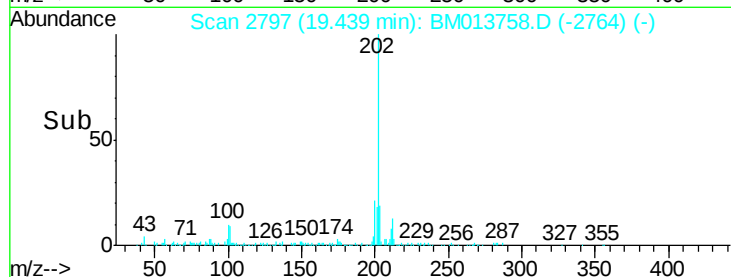
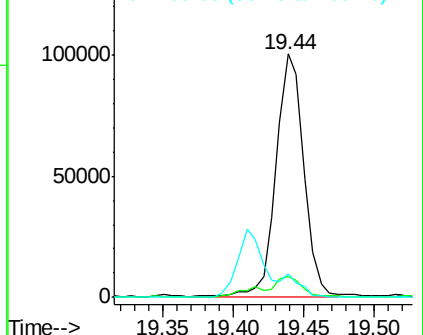
100 9.5 4.9 7.3#



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#85

Benzo(b)fluoranthene

Concen: 1.126 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.00 min

Lab File: BM013758.D

Acq: 24 Jan 2018 08:11

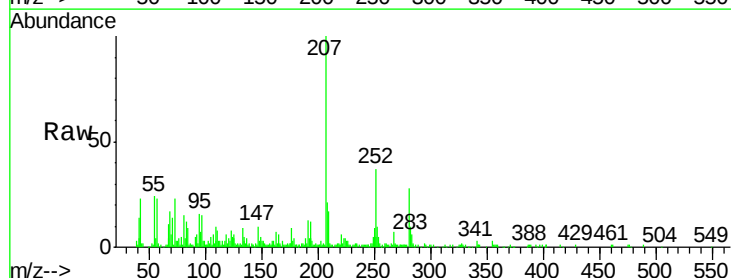
Tgt Ion:252 Resp: 62643

Ion Ratio Lower Upper

252 100

253 26.8 17.9 26.9

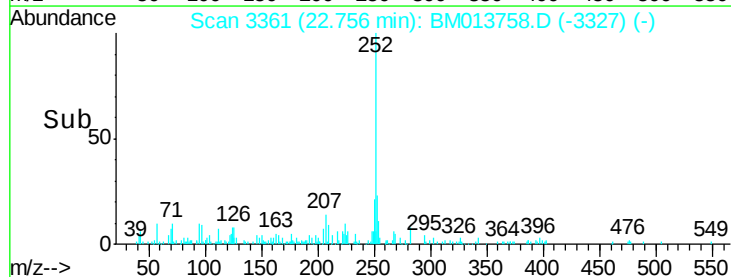
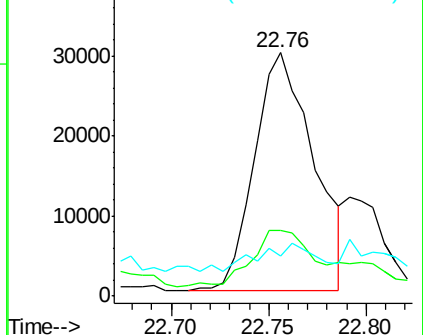
125 16.6 3.6 5.4#

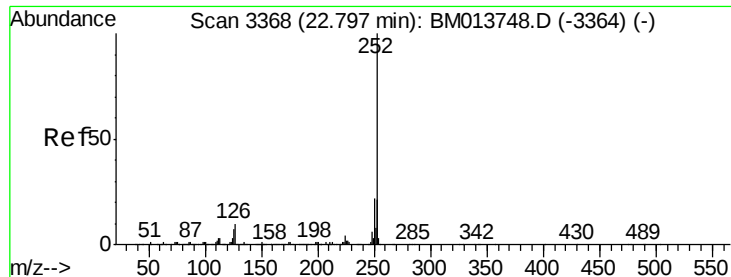


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.165 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.04 min

Lab File: BM013758.D

Acq: 24 Jan 2018 08:11

Instrument :

BNA_M

ClientSampleId :

F6A63

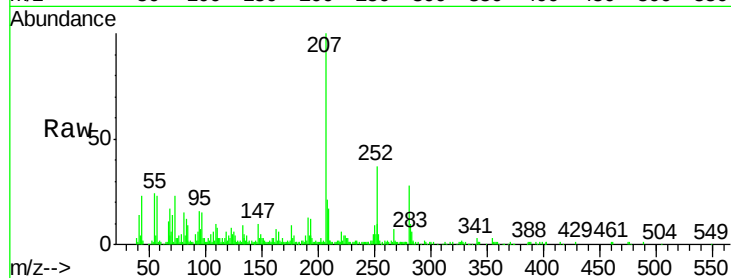
Tgt Ion:252 Resp: 62643

Ion Ratio Lower Upper

252 100

253 26.8 17.1 25.7#

125 16.6 3.4 5.2#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

