

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120617\
 Data File : BM013225.D
 Acq On : 07 Dec 2017 00:31
 Operator : SJ/JU
 Sample : I6647-05
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0256

Quant Time: Dec 07 04:37:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 07 04:35:17 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	249952	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1090580	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	642923	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1457158	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1448272	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1138714	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	23445	4.65	ng/uL	0.00
5) Phenol-d5	6.88	99	773541	35.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.04	67	394586	31.99	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	591248	34.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	695007	37.62	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	317838	36.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	356535	38.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.10	165	761276	39.91	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	797674	45.50	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	2343953	40.97	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	3037586	43.03	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	399709	40.21	ng/ul	0.00
57) Fluorene-d10	15.34	176	2083148	42.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	328135	35.80	ng/ul	0.00
70) Anthracene-d10	17.19	188	3220985	44.14	ng/ul	0.00
76) Pyrene-d10	19.49	212	3613953	50.09	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.37	264	2534105	43.69	ng/ul	0.00

Target Compounds

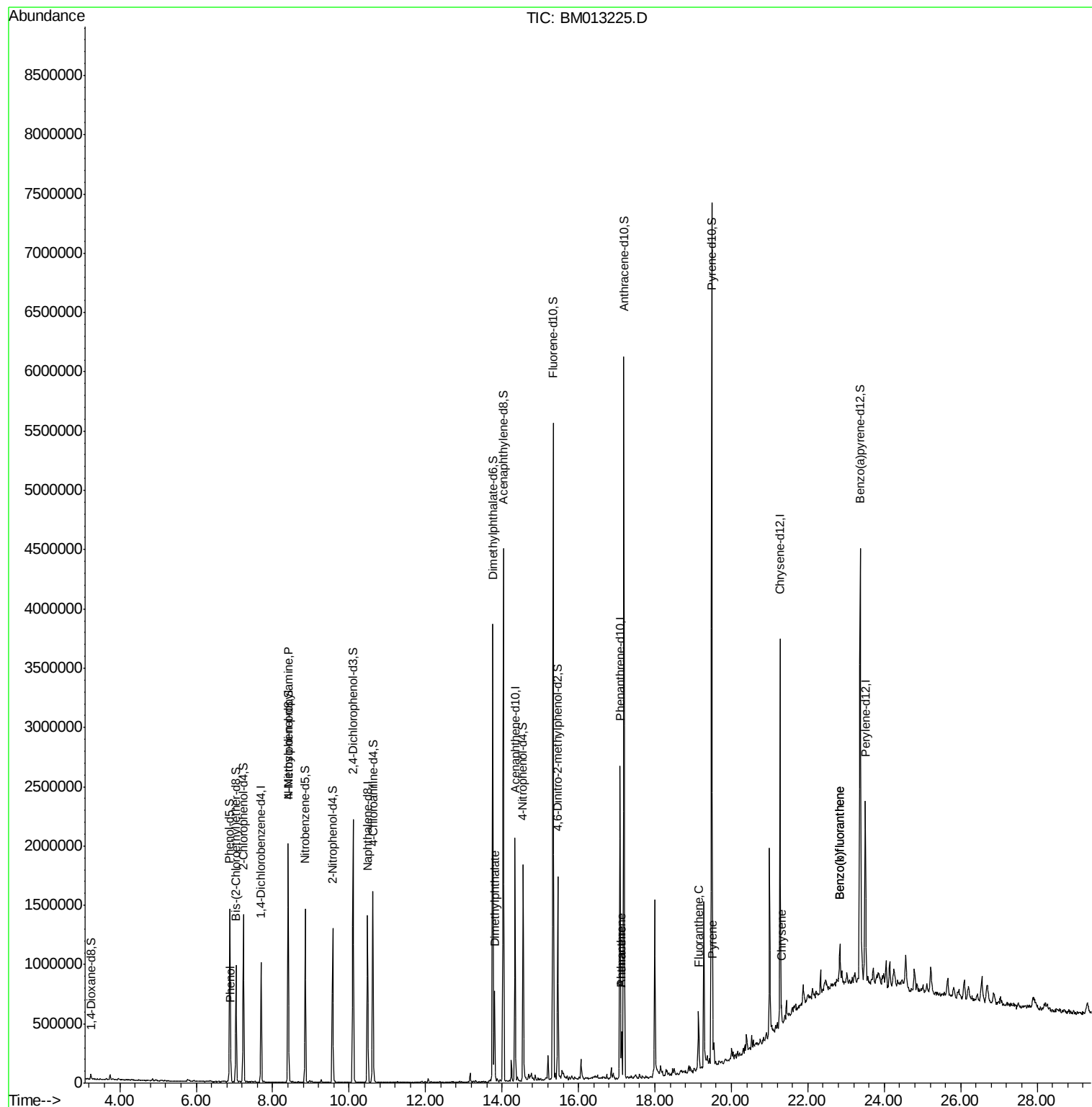
					Ovalue	
6) Phenol	6.90	94	60705	2.840	ng/ul#	82
15) N-Nitroso-di-n-propylamine	8.41	70	18911	1.336	ng/ul#	1
44) Dimethylphthalate	13.80	163	449394	8.213	ng/ul	97
69) Phenanthrene	17.13	178	221138	2.671	ng/ul	97
71) Anthracene	17.13	178	221138	2.613	ng/ul	95
74) Fluoranthene	19.14	202	247325	2.438	ng/ul#	93
77) Pyrene	19.52	202	219753	2.498	ng/ul	98
82) Chrysene	21.31	228	95127	1.116	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	81929	1.067	ng/ul#	62
86) Benzo(k)fluoranthene	22.83	252	81929	1.134	ng/ul#	59

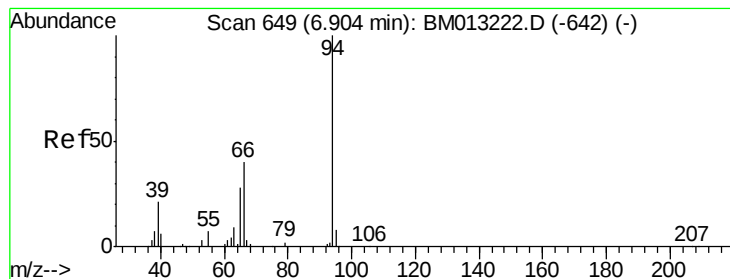
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 2.840 ng/ul

RT: 6.90 min Scan# 649

Delta R.T. 0.00 min

Lab File: BM013225.D

Acq: 07 Dec 2017 00:31

Instrument :

BNA_M

ClientSampleId :

C0256

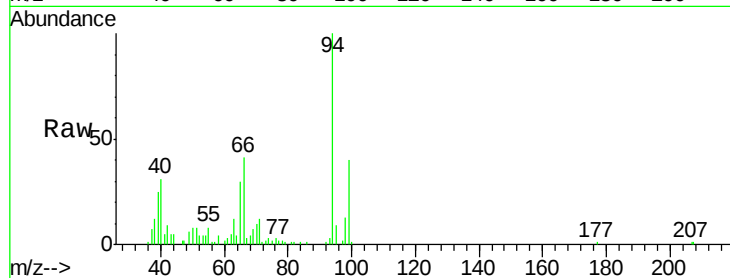
Tot Ion: 94 Resp: 60705

Ion Ratio Lower Upper

94 100

65 29.7 28.2 42.4

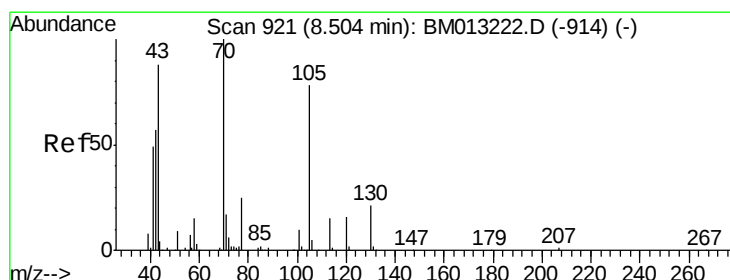
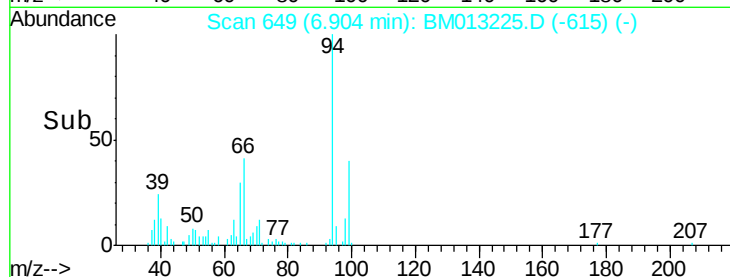
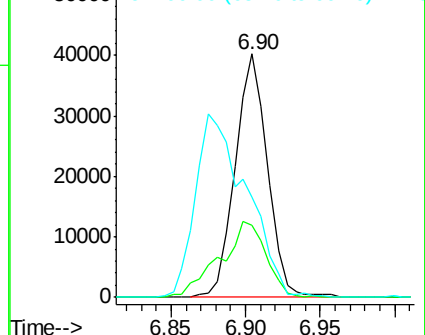
66 41.2 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013222.D (-642) (-)

Ion 65.00 (64.70 to 65.70): BM013222.D (-642) (-)

Ion 66.00 (65.70 to 66.70): BM013222.D (-642) (-)



#15

N-Nitroso-di-n-propylamine

Concen: 1.336 ng/ul

RT: 8.41 min Scan# 905

Delta R.T. -0.09 min

Lab File: BM013225.D

Acq: 07 Dec 2017 00:31

Tgt Ion: 70 Resp: 18911

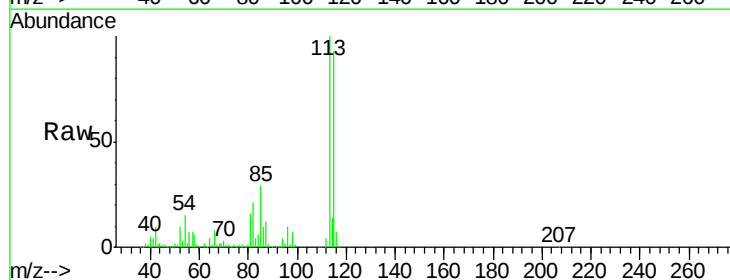
Ion Ratio Lower Upper

70 100

42 349.2 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#

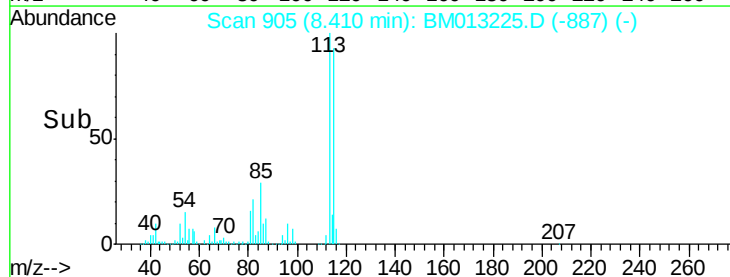
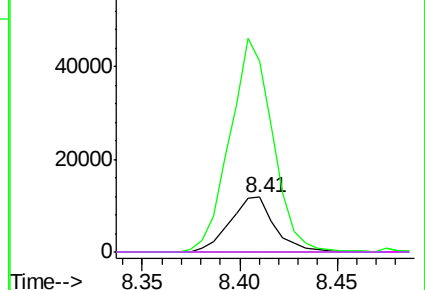


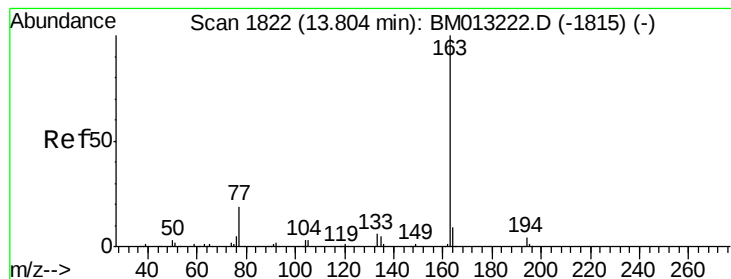
Abundance Ion 70.00 (69.70 to 70.70): BM013222.D (-914) (-)

Ion 42.00 (41.70 to 42.70): BM013222.D (-914) (-)

Ion 101.00 (100.70 to 101.70): BM013222.D (-914) (-)

Ion 130.00 (129.70 to 130.70): BM013222.D (-914) (-)





#44

Dimethylphthalate

Concen: 8.213 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. 0.00 min

Lab File: BM013225.D

Acq: 07 Dec 2017 00:31

Instrument :

BNA_M

ClientSampleId :

C0256

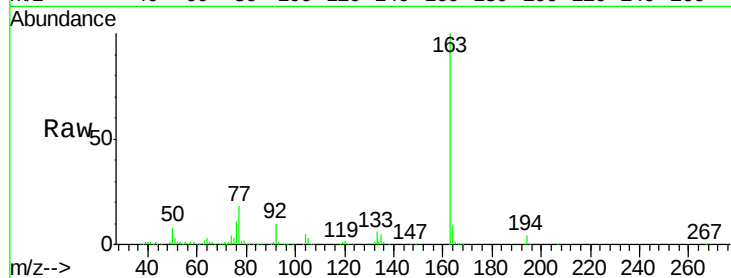
Tot Ion:163 Resp: 449394

Ion Ratio Lower Upper

163 100

194 3.8 3.5 5.3

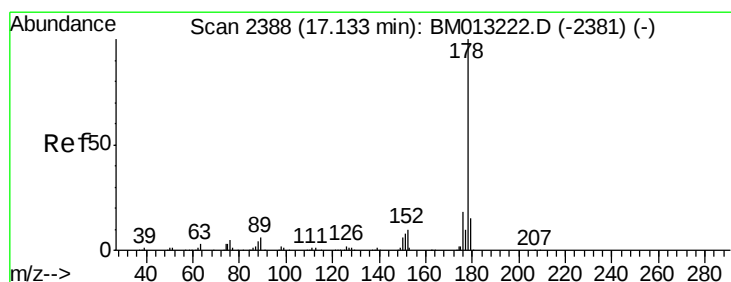
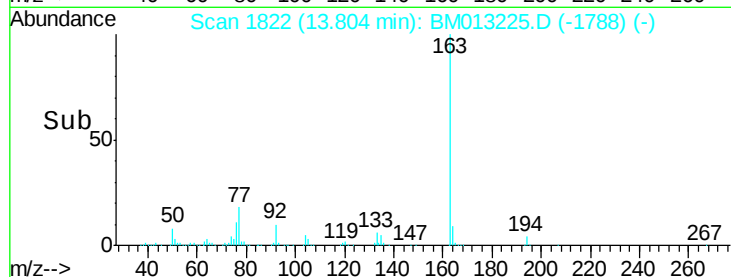
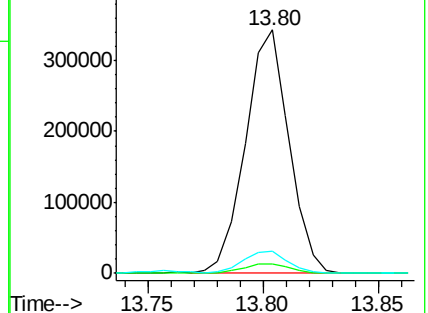
164 9.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 2.671 ng/ul

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM013225.D

Acq: 07 Dec 2017 00:31

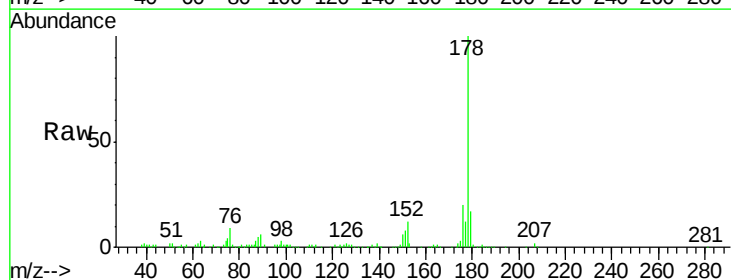
Tgt Ion:178 Resp: 221138

Ion Ratio Lower Upper

178 100

179 17.2 12.6 19.0

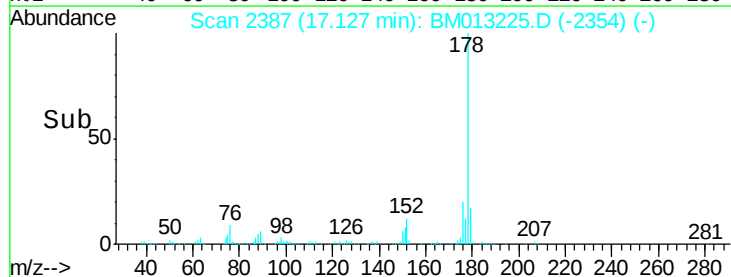
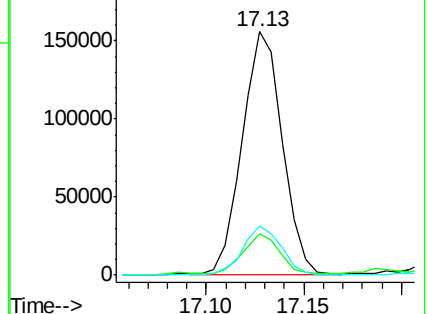
176 19.9 14.9 22.3

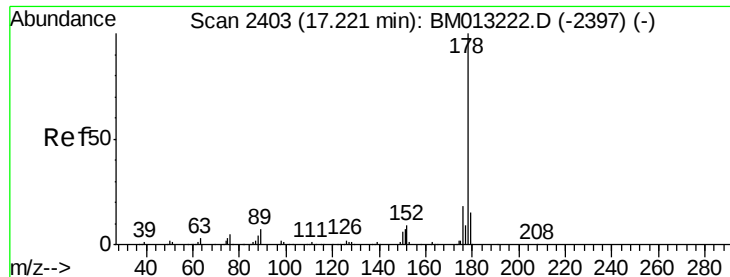


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

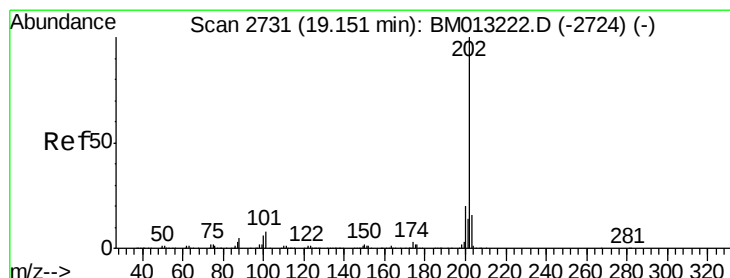
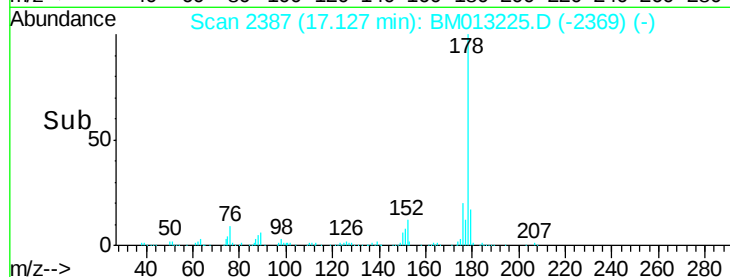
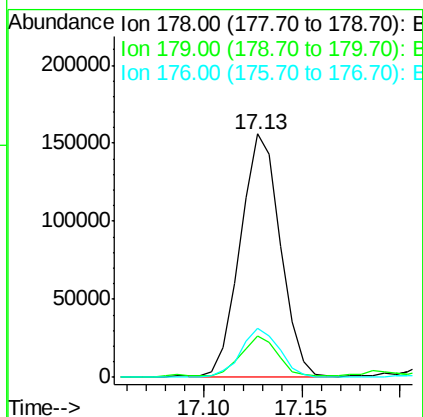
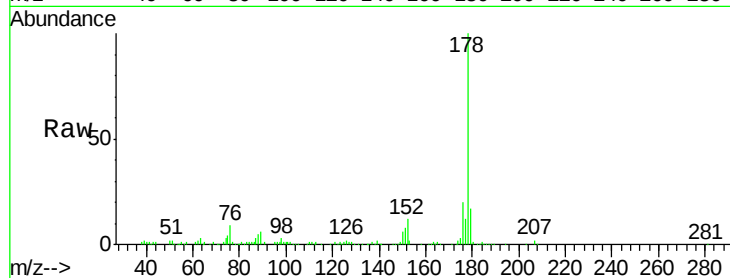




#71
 Anthracene
 Concen: 2.613 ng/ul
 RT: 17.13 min Scan# 2387
 Delta R.T. -0.09 min
 Lab File: BM013225.D
 Acq: 07 Dec 2017 00:31

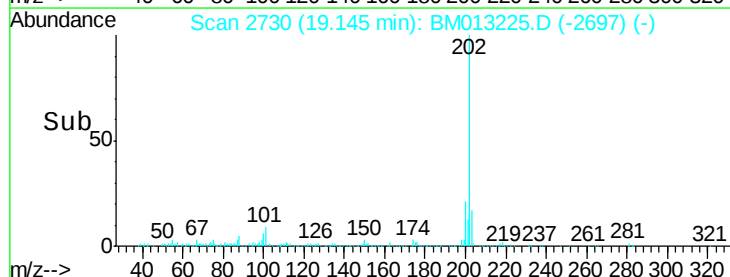
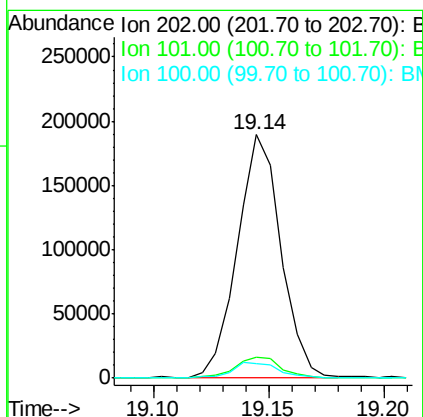
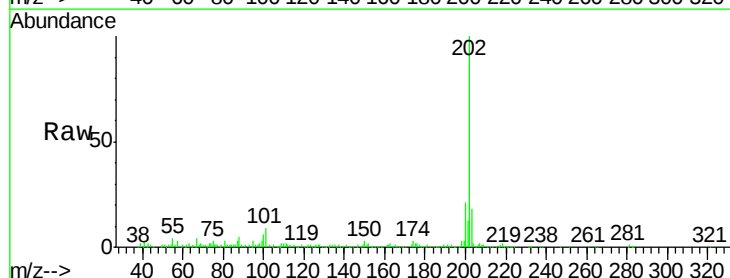
Instrument :
 BNA_M
 ClientSampleId :
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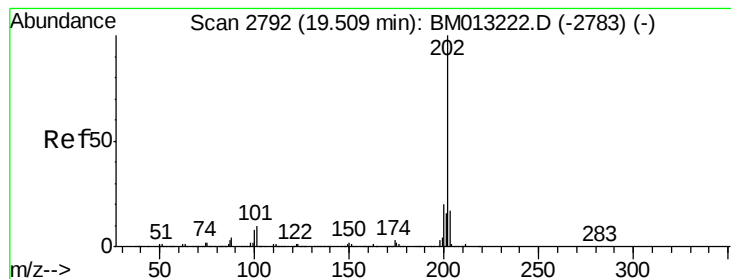
Tot Ion:178 Resp: 221138
 Ion Ratio Lower Upper
 178 100
 179 17.2 11.7 17.5
 176 19.9 14.6 21.8



#74
 Fluoranthene
 Concen: 2.438 ng/ul
 RT: 19.14 min Scan# 2730
 Delta R.T. -0.01 min
 Lab File: BM013225.D
 Acq: 07 Dec 2017 00:31

Tgt Ion:202 Resp: 247325
 Ion Ratio Lower Upper
 202 100
 101 8.7 4.6 7.0#
 100 5.7 3.4 5.2#





#77

Pvrene

Concen: 2.498 ng/ul

RT: 19.52 min Scan# 2793

Delta R.T. 0.01 min

Lab File: BM013225.D

Acq: 07 Dec 2017 00:31

Instrument :

BNA_M

ClientSampleId :

C0256

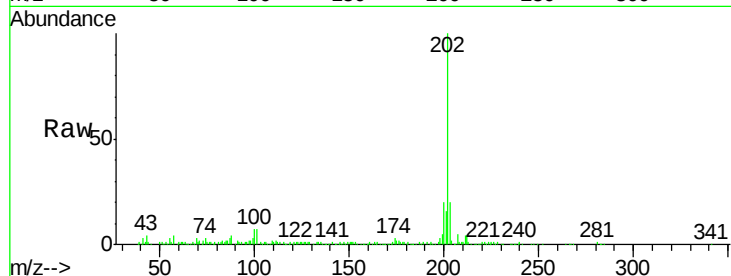
Tot Ion:202 Resp: 219753

Ion Ratio Lower Upper

202 100

101 7.4 5.1 7.7

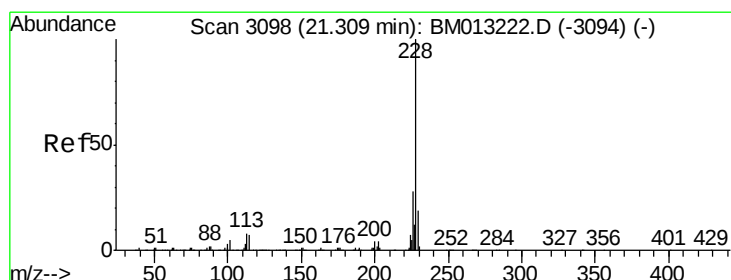
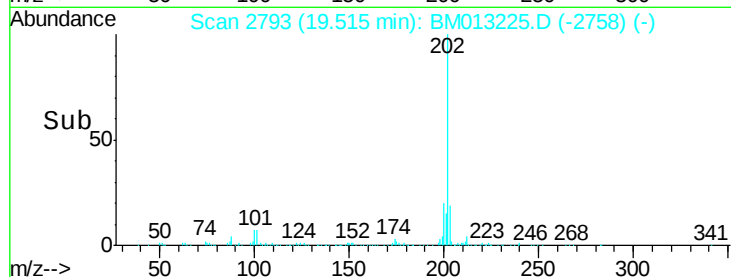
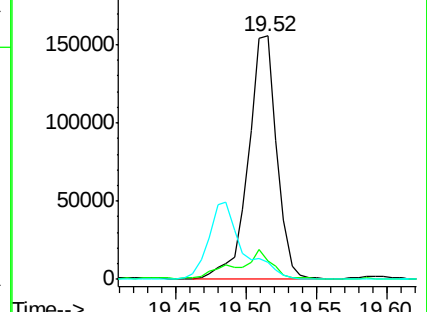
100 6.8 4.9 7.3



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): E



#82

Chrysene

Concen: 1.116 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM013225.D

Acq: 07 Dec 2017 00:31

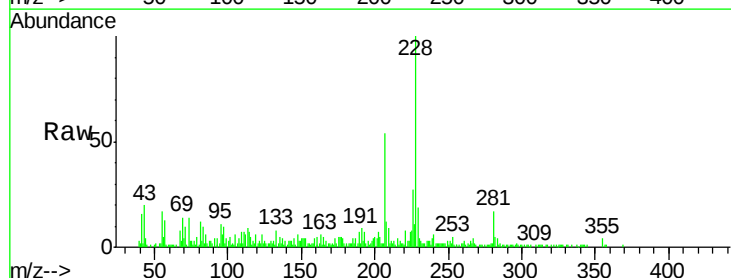
Tgt Ion:228 Resp: 95127

Ion Ratio Lower Upper

228 100

226 27.1 23.4 35.2

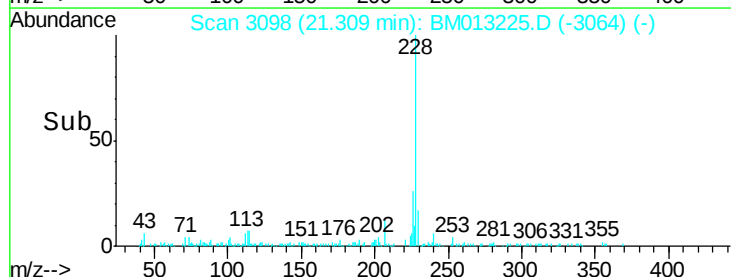
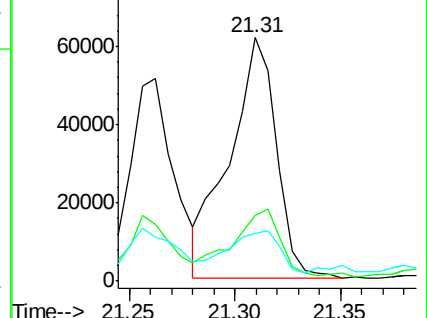
229 19.5 15.5 23.3

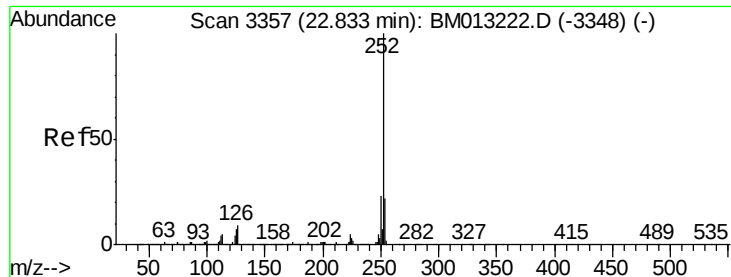


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.067 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. 0.00 min

Lab File: BM013225.D

Acq: 07 Dec 2017 00:31

Instrument :

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ClientSampleId :

C0256

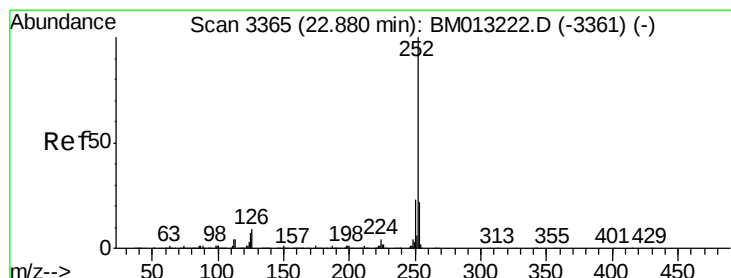
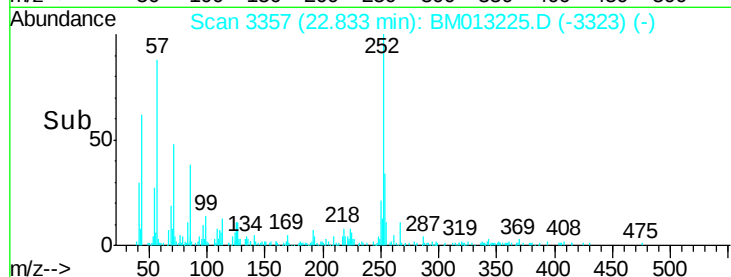
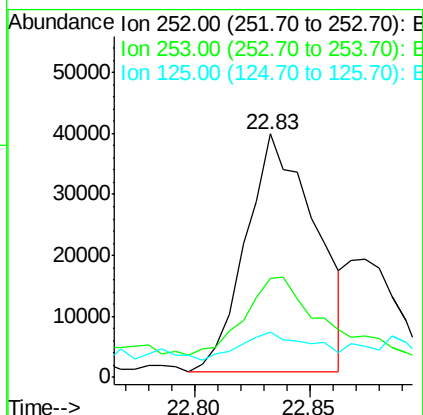
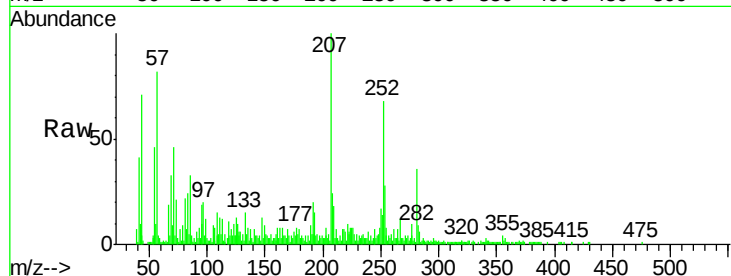
Tot Ion:252 Resp: 81929

Ion Ratio Lower Upper

252 100

253 40.4 17.9 26.9#

125 18.7 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 1.134 ng/ul

RT: 22.83 min Scan# 3357

Delta R.T. -0.05 min

Lab File: BM013225.D

Acq: 07 Dec 2017 00:31

Tgt Ion:252 Resp: 81929

Ion Ratio Lower Upper

252 100

253 40.4 17.1 25.7#

125 18.7 3.4 5.2#

