

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012801.D
 Acq On : 07 Nov 2017 18:32
 Operator : SJ/JU
 Sample : I6164-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 08 01:54:57 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Nov 08 01:41:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	108545	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	471326	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	306885	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	707965	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	637410	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	594422	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	6940	3.45	ng/uL	0.00
5) Phenol-d5	6.97	99	163821	20.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	94261	21.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	140086	20.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	109628	15.73	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	73499	21.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	86747	21.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	162055	19.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	125005	15.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	564219	22.22	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	660766	21.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.65	143	64945	15.96	ng/ul	0.00
57) Fluorene-d10	15.43	176	488768	22.47	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	69660	14.90	ng/ul	0.00
70) Anthracene-d10	17.28	188	732301	21.41	ng/ul	0.00
78) Pyrene-d10	19.57	212	763827	25.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	604371	21.50	ng/ul	0.00

Target Compounds

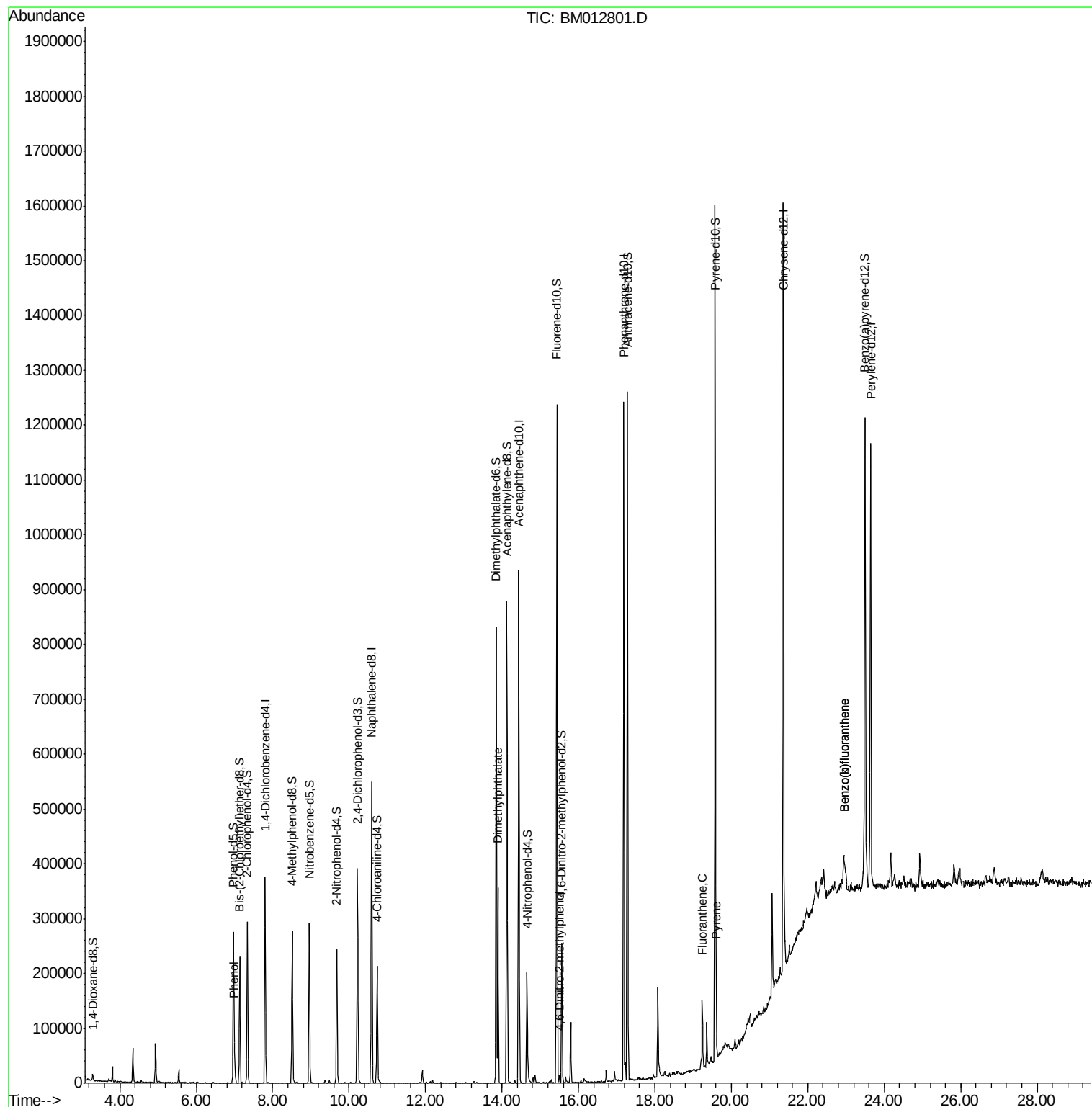
						Ovalue
6) Phenol	7.00	94	26247	3.17	ng/ul	97
44) Dimethylphthalate	13.89	163	239946	9.52	ng/ul	99
63) 4,6-Dinitro-2-methylphenol	15.49	198	5129	1.04	ng/ul#	55
76) Fluoranthene	19.24	202	70946	1.53	ng/ul#	94
79) Pyrene	19.60	202	59794	1.57	ng/ul#	93
87) Benzo(b)fluoranthene	22.96	252	37514	1.03	ng/ul#	92
88) Benzo(k)fluoranthene	22.96	252	37514	1.09	ng/ul#	91

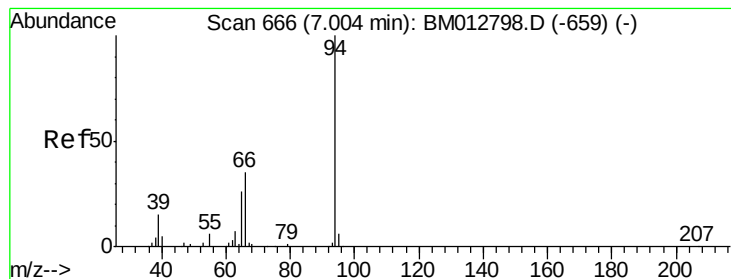
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 3.17 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM012801.D

Acq: 07 Nov 2017 18:32

Instrument :

BNA_M

ClientSampleId :

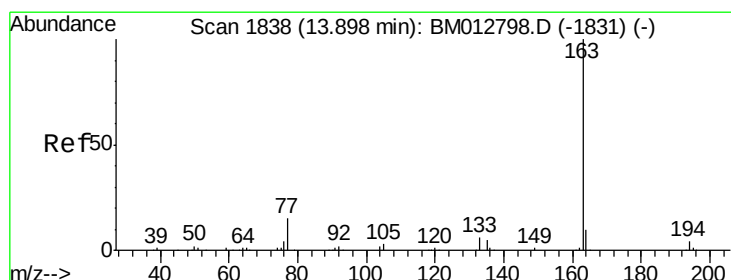
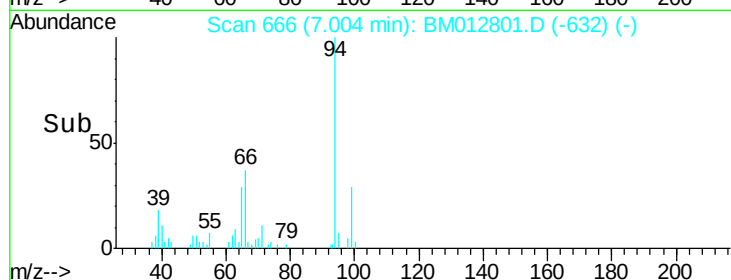
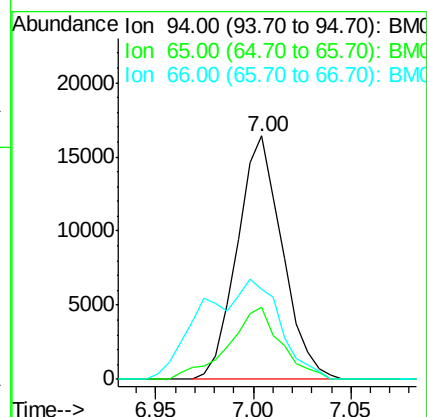
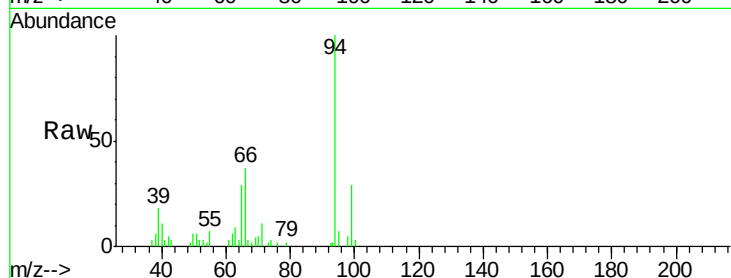
Tot Ion: 94 Resp: 26247

Ion Ratio Lower Upper

94 100

65 29.4 21.0 31.6

66 37.0 29.3 43.9



#44

Dimethylphthalate

Concen: 9.52 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM012801.D

Acq: 07 Nov 2017 18:32

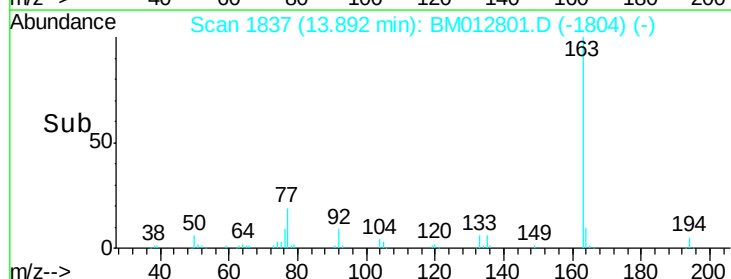
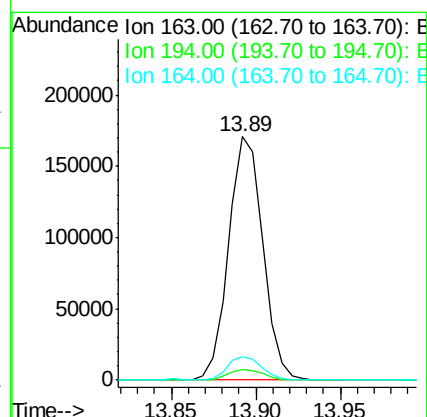
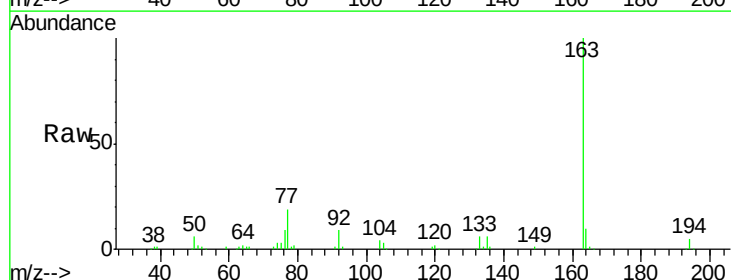
Tgt Ion: 163 Resp: 239946

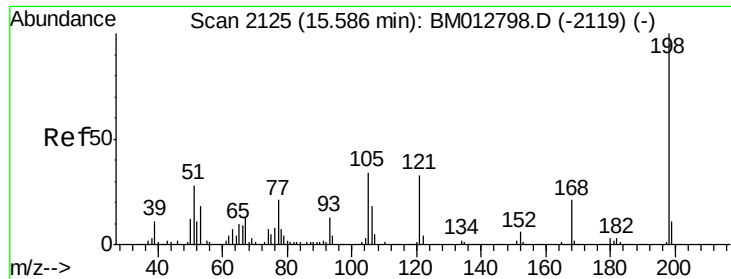
Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

164 9.8 7.8 11.8

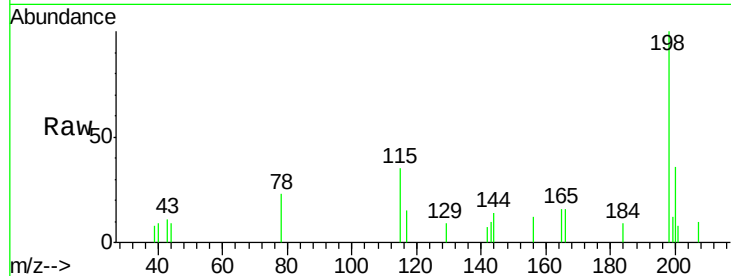




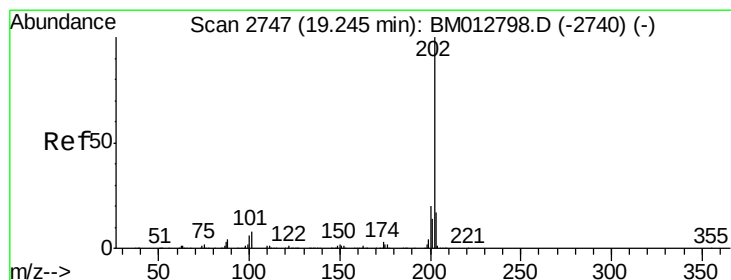
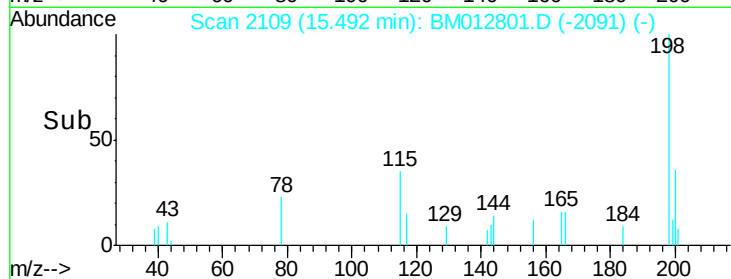
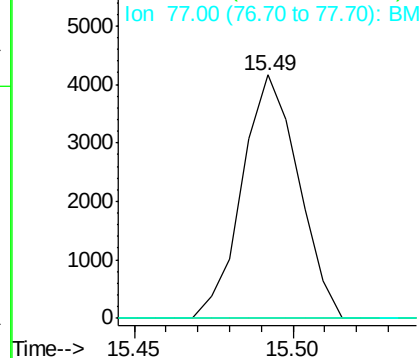
#63
 4,6-Dinitro-2-methylphenol
 Concen: 1.04 ng/ul
 RT: 15.49 min Scan# 2109
 Delta R.T. -0.09 min
 Lab File: BM012801.D
 Acq: 07 Nov 2017 18:32

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:198 Resp: 5129
 Ion Ratio Lower Upper
 198 100
 182 0.0 3.1 4.7#
 77 0.0 20.1 30.1#

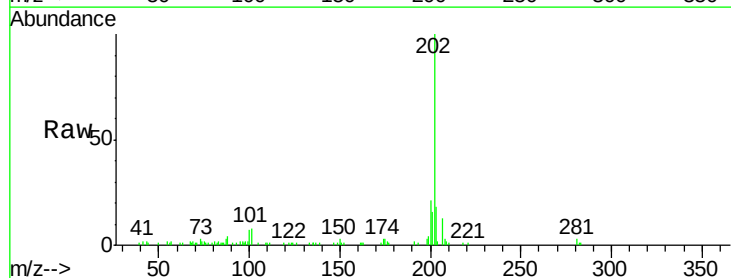


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 77.00 (76.70 to 77.70): B

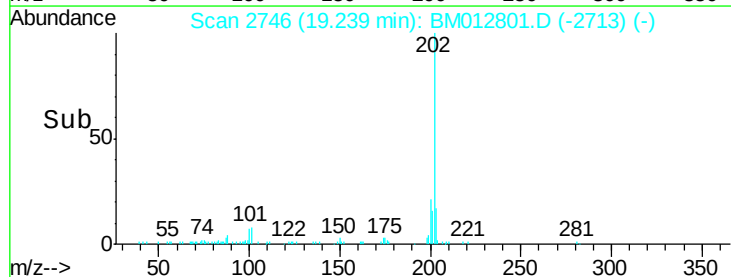
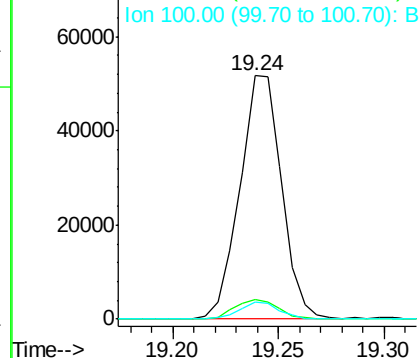


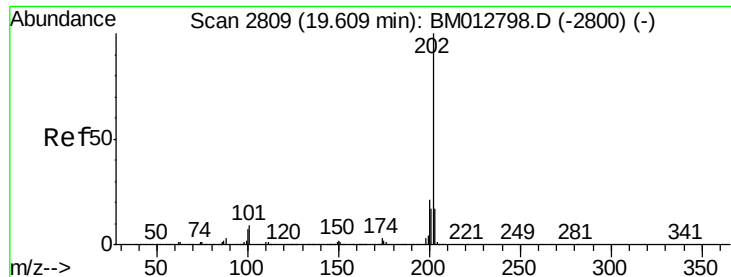
#76
 Fluoranthene
 Concen: 1.53 ng/ul
 RT: 19.24 min Scan# 2746
 Delta R.T. -0.01 min
 Lab File: BM012801.D
 Acq: 07 Nov 2017 18:32

Tgt Ion:202 Resp: 70946
 Ion Ratio Lower Upper
 202 100
 101 8.2 8.8 13.2#
 100 7.0 6.6 9.8



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

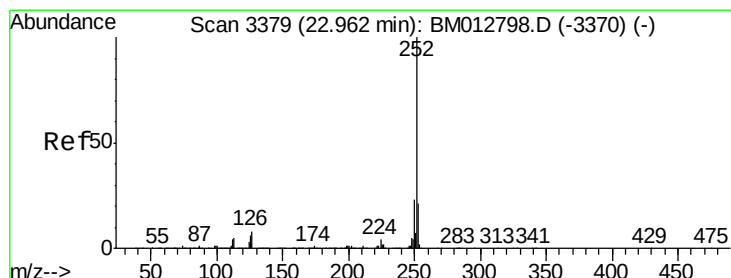
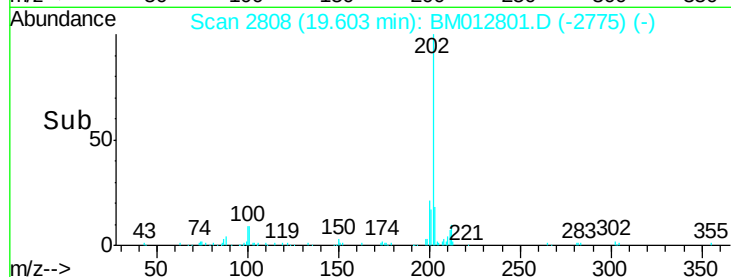
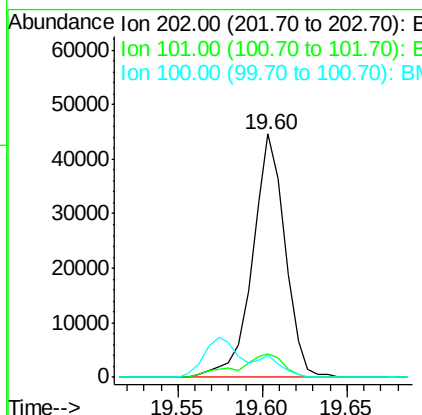
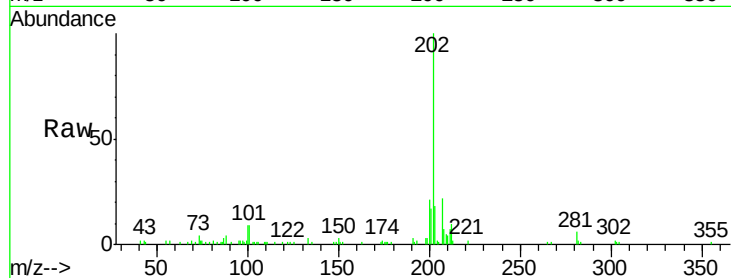




#79
Pvrene
Concen: 1.57 ng/ul
RT: 19.60 min Scan# 2808
Delta R.T. -0.01 min
Lab File: BM012801.D
Acq: 07 Nov 2017 18:32

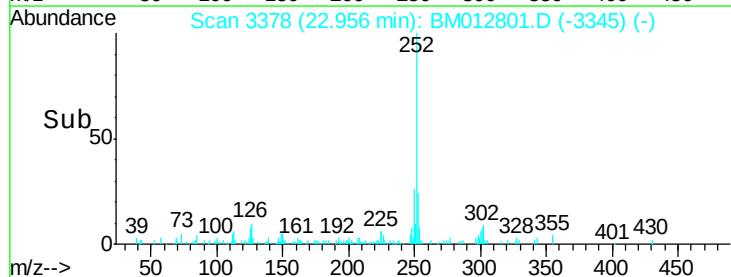
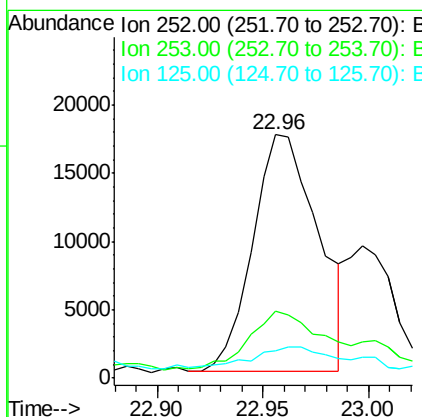
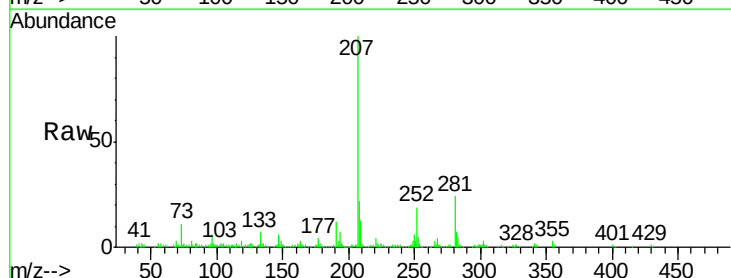
Instrument :
BNA_M
ClientSampleId :

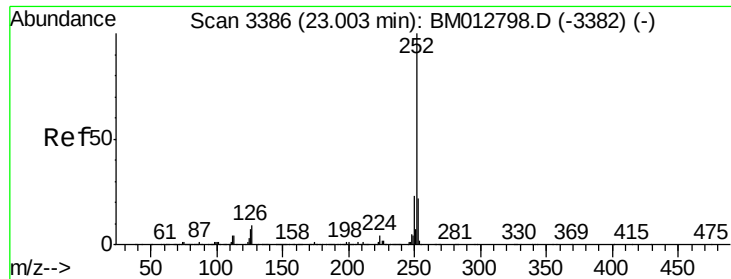
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.4	10.2	15.2#
100	8.9	8.5	12.7



#87
Benzo(b)fluoranthene
Concen: 1.03 ng/ul
RT: 22.96 min Scan# 3378
Delta R.T. -0.01 min
Lab File: BM012801.D
Acq: 07 Nov 2017 18:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.3	17.5	26.3#
125	11.5	8.5	12.7





#88

Benzo(k)fluoranthene

Concen: 1.09 ng/ul

RT: 22.96 min Scan# 3378

Delta R.T. -0.05 min

Lab File: BM012801.D

Acq: 07 Nov 2017 18:32

Instrument :

BNA_M

ClientSampleId :

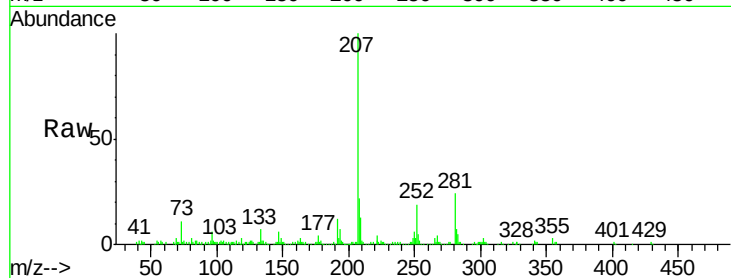
Tot Ion: 252 Resp: 37514

Ion Ratio Lower Upper

252 100

253 27.3 17.3 25.9#

125 11.5 8.2 12.2



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

