

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012808.D
 Acq On : 07 Nov 2017 22:41
 Operator : SJ/JU
 Sample : I6164-05
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETOD2

Quant Time: Nov 08 05:34:32 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	137558	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	587059	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	355116	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	777156	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	664375	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	690750	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	7280	2.86	ng/uL	0.00
5) Phenol-d5	6.98	99	153497	15.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	92925	16.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	138735	16.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	87044	9.85	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	70844	16.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	85210	17.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	153087	15.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	137369	13.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	523176	17.80	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	618744	17.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	51440	10.92	ng/ul	0.00
57) Fluorene-d10	15.43	176	449818	17.87	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	53720	10.47	ng/ul	0.00
70) Anthracene-d10	17.28	188	636559	16.95	ng/ul	0.00
78) Pyrene-d10	19.57	212	631300	20.48	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	590027	18.07	ng/ul	0.00

Target Compounds

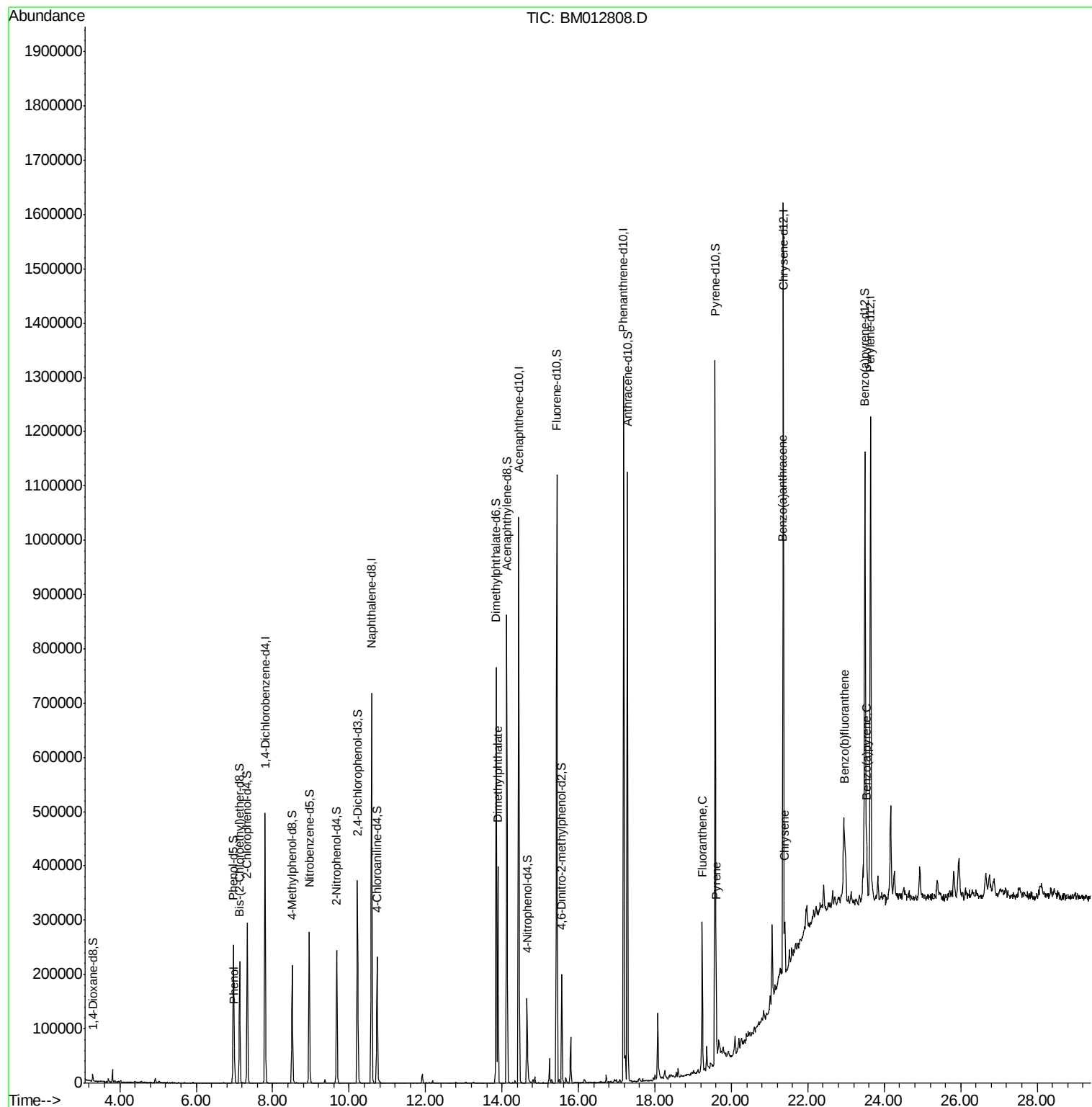
					Ovalue
6) Phenol	7.00	94	24120	2.296 ng/ul	98
44) Dimethylphthalate	13.89	163	254116	8.714 ng/ul	99
76) Fluoranthene	19.24	202	158788	3.111 ng/ul#	94
79) Pyrene	19.60	202	124608	3.144 ng/ul#	91
82) Benzo(a)anthracene	21.34	228	56945	1.416 ng/ul	98
84) Chrysene	21.40	228	66763	1.832 ng/ul	97
87) Benzo(b)fluoranthene	22.96	252	104713	2.481 ng/ul	97
90) Benzo(a)pyrene	23.54	252	64314	1.601 ng/ul	95

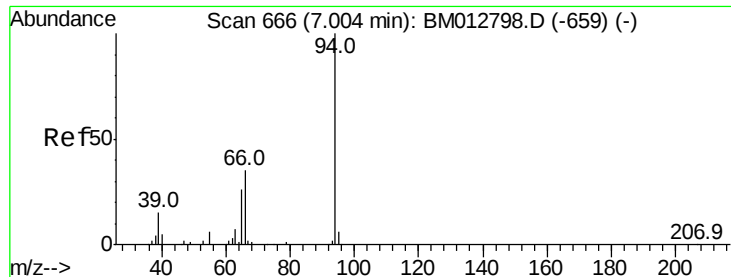
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.296 ng/ul

RT: 7.00 min Scan# 666

Delta R.T. 0.00 min

Lab File: BM012808.D

Acq: 07 Nov 2017 22:41

Instrument :

BNA_M

ClientSampleId :

ET0D2

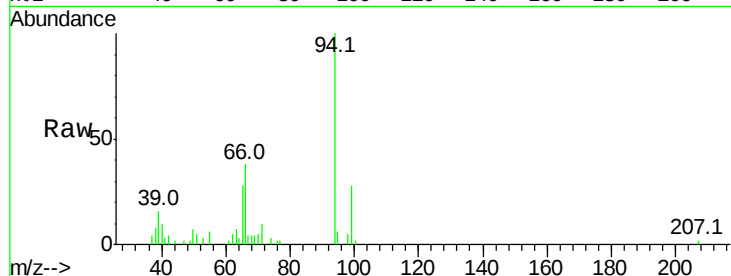
Tot Ion: 94 Resp: 24120

Ion Ratio Lower Upper

94 100

65 27.7 21.0 31.6

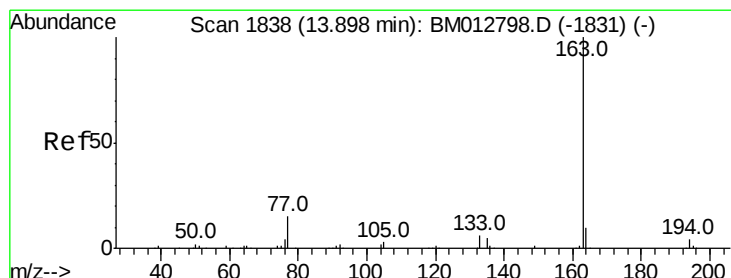
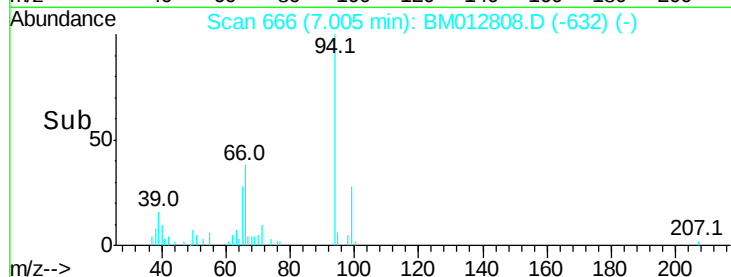
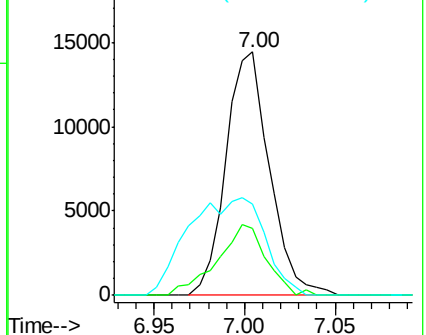
66 37.6 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM012798.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BM012798.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BM012798.D (-659) (-)



#44

Dimethylphthalate

Concen: 8.714 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BM012808.D

Acq: 07 Nov 2017 22:41

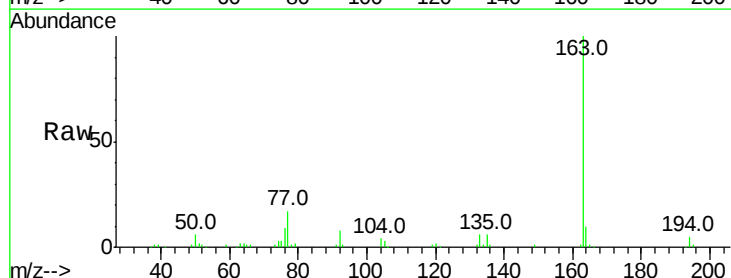
Tgt Ion: 163 Resp: 254116

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

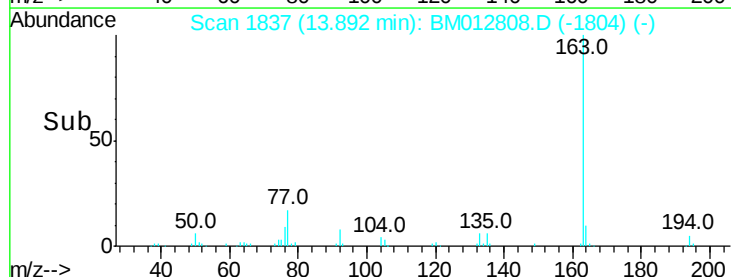
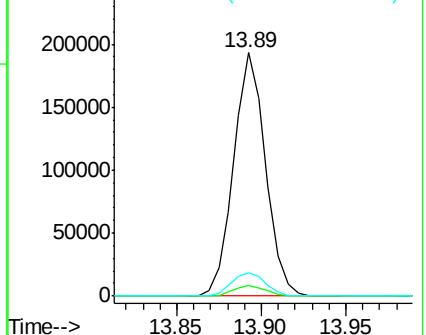
164 9.9 7.8 11.8

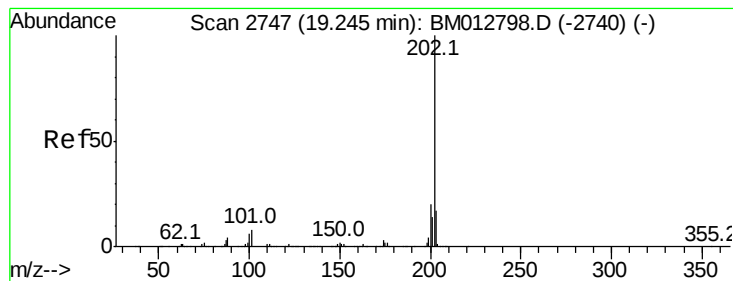


Abundance Ion 163.00 (162.70 to 163.70): BM012798.D (-1831) (-)

Ion 194.00 (193.70 to 194.70): BM012798.D (-1831) (-)

Ion 164.00 (163.70 to 164.70): BM012798.D (-1831) (-)





#76

Fluoranthene

Concen: 3.111 ng/ul

RT: 19.24 min Scan# 2746

Delta R.T. -0.01 min

Lab File: BM012808.D

Acq: 07 Nov 2017 22:41

Instrument :

BNA_M

ClientSampleId :

ET0D2

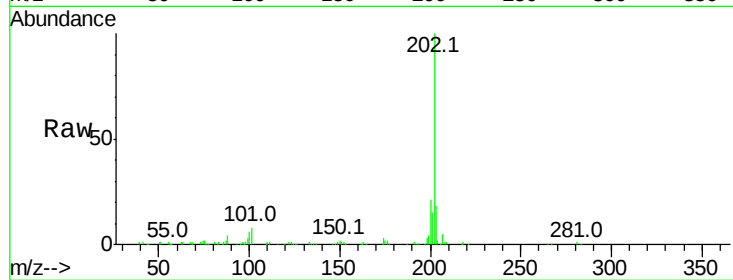
Tot Ion:202 Resp: 158788

Ion Ratio Lower Upper

202 100

101 8.4 8.8 13.2#

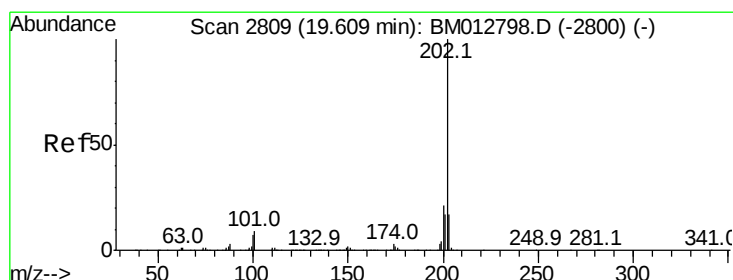
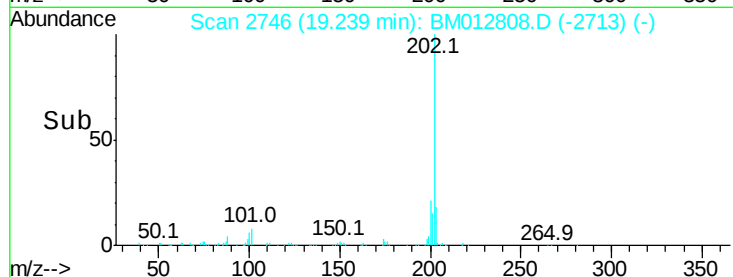
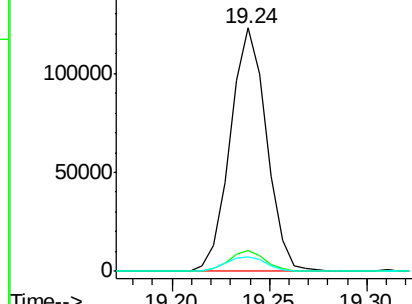
100 6.1 6.6 9.8#



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

Pyrene

Concen: 3.144 ng/ul

RT: 19.60 min Scan# 2808

Delta R.T. -0.01 min

Lab File: BM012808.D

Acq: 07 Nov 2017 22:41

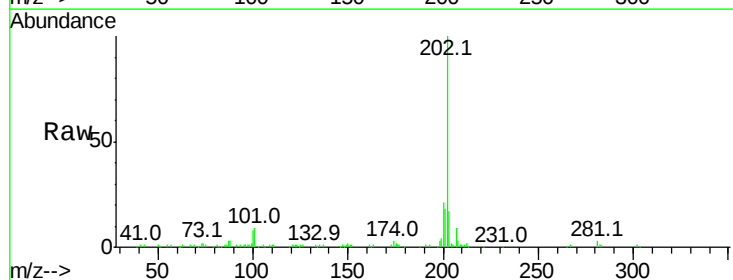
Tgt Ion:202 Resp: 124608

Ion Ratio Lower Upper

202 100

101 8.9 10.2 15.2#

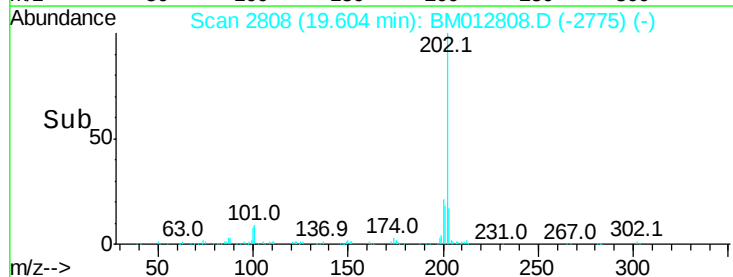
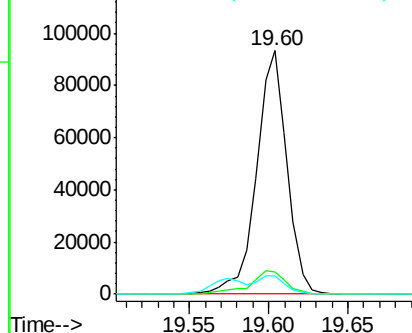
100 7.7 8.5 12.7#

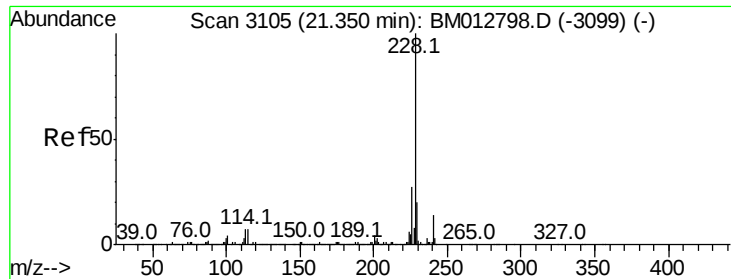


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

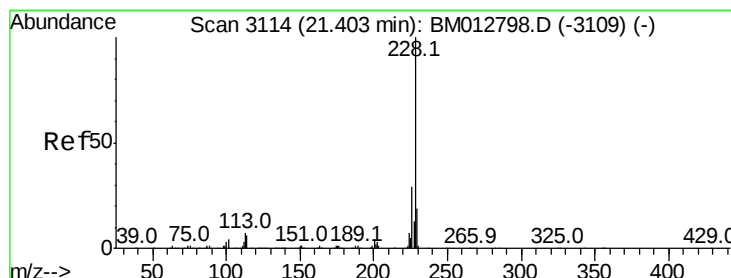
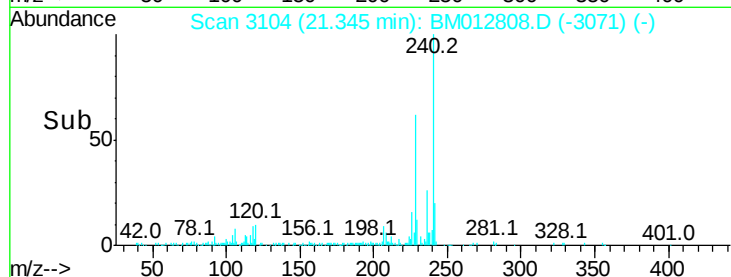
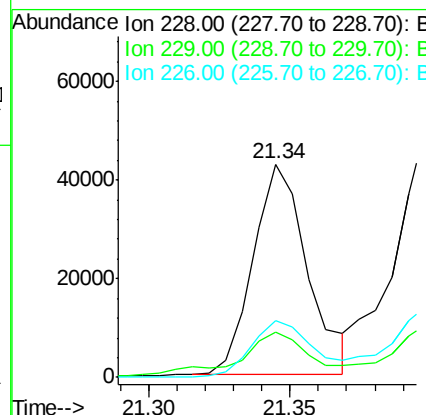
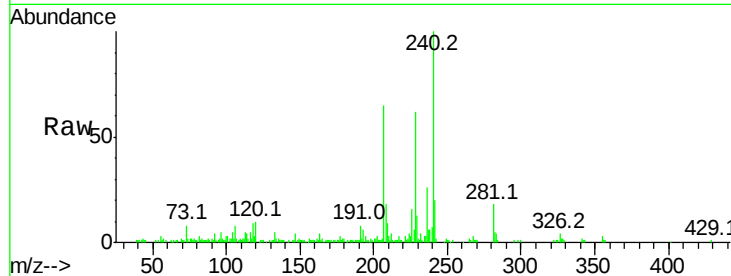




#82
Benzo(a)anthracene
Concen: 1.416 ng/ul
RT: 21.34 min Scan# 3104
Delta R.T. -0.01 min
Lab File: BM012808.D
Acq: 07 Nov 2017 22:41

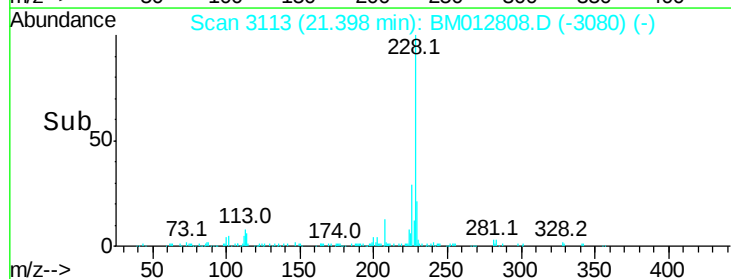
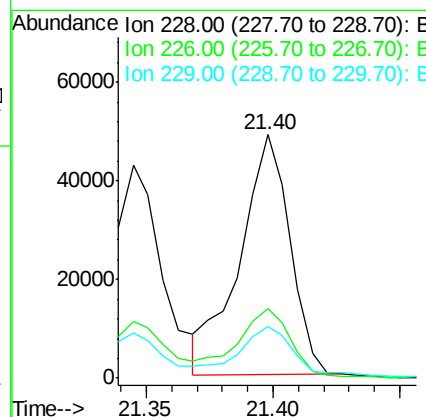
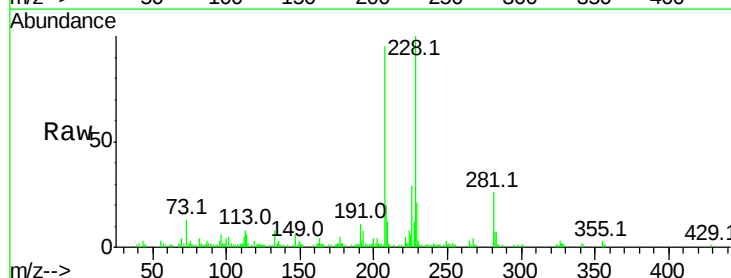
Instrument :
BNA_M
ClientSampleId :
ET0D2

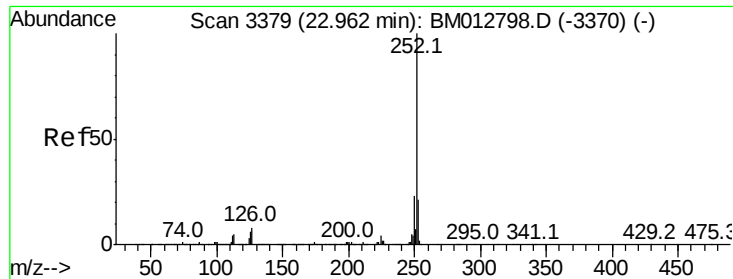
Tot Ion:228 Resp: 56945
Ion Ratio Lower Upper
228 100
229 21.0 15.7 23.5
226 26.5 21.8 32.6



#84
Chrysene
Concen: 1.832 ng/ul
RT: 21.40 min Scan# 3113
Delta R.T. -0.01 min
Lab File: BM012808.D
Acq: 07 Nov 2017 22:41

Tgt Ion:228 Resp: 66763
Ion Ratio Lower Upper
228 100
226 28.7 24.0 36.0
229 21.0 15.6 23.4





#87

Benzo(b)fluoranthene

Concen: 2.481 ng/ul

RT: 22.96 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM012808.D

Acq: 07 Nov 2017 22:41

Instrument :

BNA_M

ClientSampleId :

ET0D2

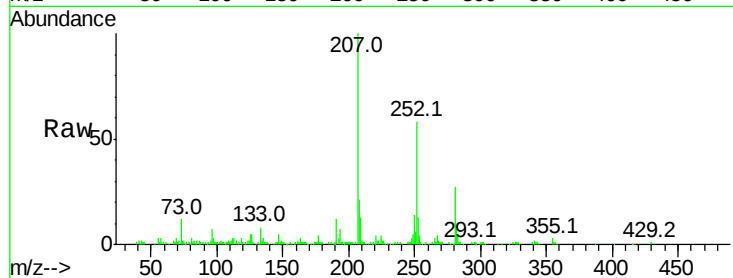
Tot Ion:252 Resp: 104713

Ion Ratio Lower Upper

252 100

253 23.1 17.5 26.3

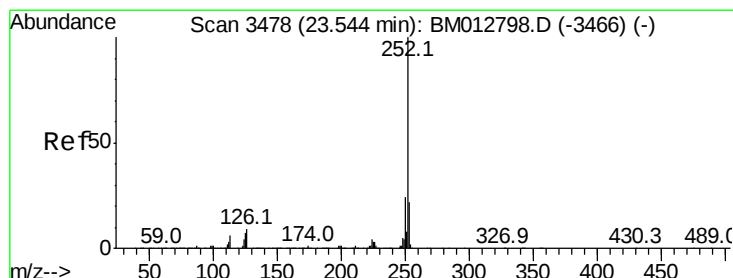
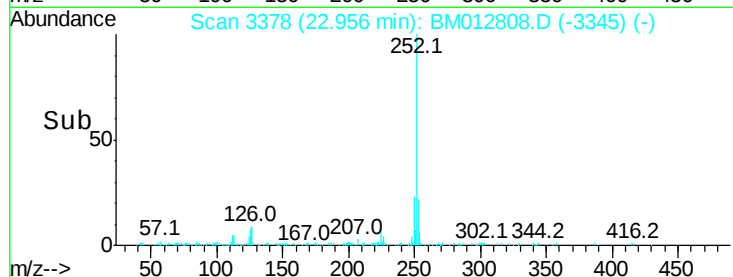
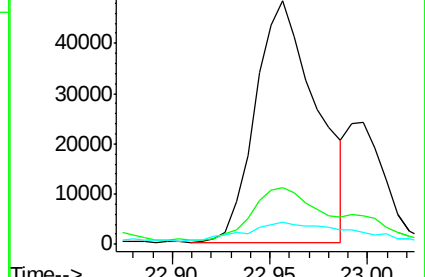
125 9.0 8.5 12.7



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



#90

Benzo(a)pyrene

Concen: 1.601 ng/ul

RT: 23.54 min Scan# 3477

Delta R.T. -0.01 min

Lab File: BM012808.D

Acq: 07 Nov 2017 22:41

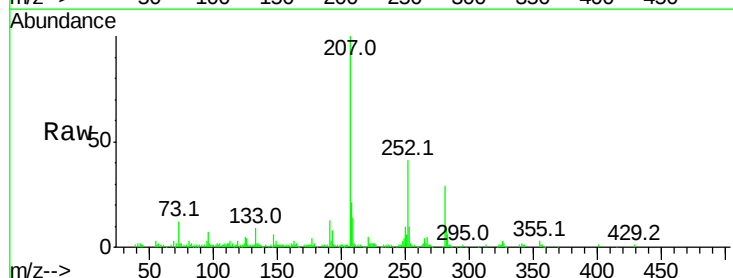
Tgt Ion:252 Resp: 64314

Ion Ratio Lower Upper

252 100

253 25.1 17.2 25.8

125 11.0 9.0 13.6



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

