

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012817.D
 Acq On : 08 Nov 2017 12:45
 Operator : SJ/JU
 Sample : 6120-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-68(1-2)-102417

Quant Time: Nov 09 01:32:17 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 01:31:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	113072	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	463006	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	253743	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.18	188	506149	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	524857	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	599142	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	10140	4.84	ng/uL	0.00
5) Phenol-d5	6.97	99	184833	21.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	119931	26.30	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	172480	24.61	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	113601	15.64	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	89143	26.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	101530	25.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	177518	22.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	209902	27.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	566620	26.99	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	669991	25.80	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	28534	8.48	ng/ul	0.01
57) Fluorene-d10	15.43	176	452289	25.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	12503	3.74	ng/ul	0.00
70) Anthracene-d10	17.28	188	646899	26.45	ng/ul	0.00
78) Pyrene-d10	19.57	212	669683	27.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	771928	27.25	ng/ul	0.00

Target Compounds

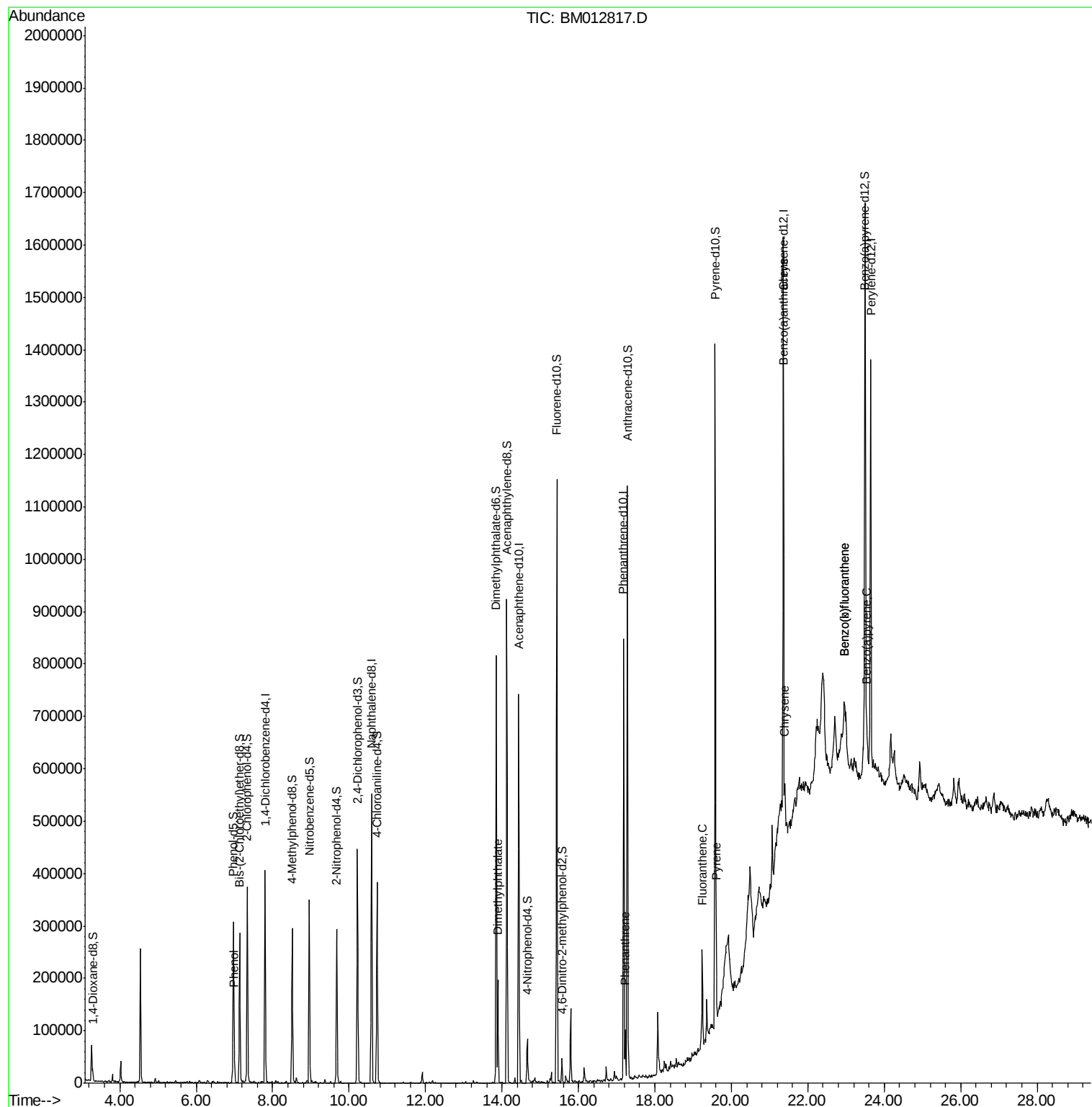
						Ovalue
6) Phenol	7.00	94	19175	2.22	ng/ul	94
44) Dimethylphthalate	13.89	163	127705	6.13	ng/ul	99
69) Phenanthrene	17.23	178	57731	2.09	ng/ul	99
76) Fluoranthene	19.24	202	104591	3.15	ng/ul	96
79) Pyrene	19.60	202	99834	3.19	ng/ul#	94
82) Benzo(a)anthracene	21.35	228	50305	1.58	ng/ul#	94
84) Chrysene	21.40	228	48166	1.67	ng/ul#	95
87) Benzo(b)fluoranthene	22.96	252	57153	1.56	ng/ul#	93
88) Benzo(k)fluoranthene	22.96	252	57153	1.64	ng/ul#	92
90) Benzo(a)pyrene	23.55	252	47742	1.37	ng/ul#	92

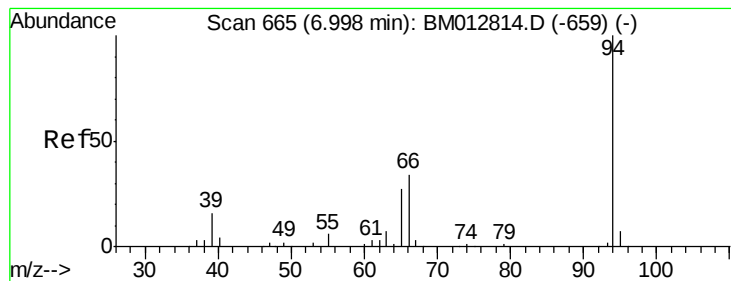
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 01:31:40 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.22 ng/ul

RT: 7.00 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM012817.D

Acq: 08 Nov 2017 12:45

Instrument :

BNA_M

ClientSampleId :

B-68(1-2)-102417

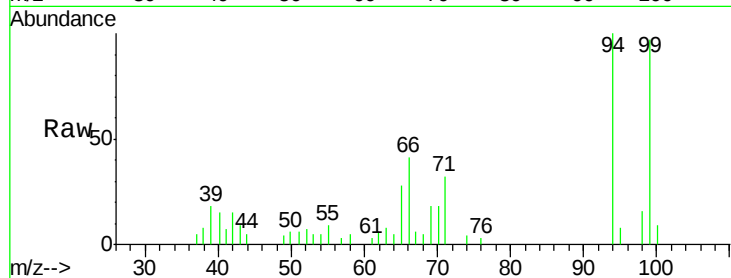
Tot Ion: 94 Resp: 19175

Ion Ratio Lower Upper

94 100

65 27.9 21.0 31.6

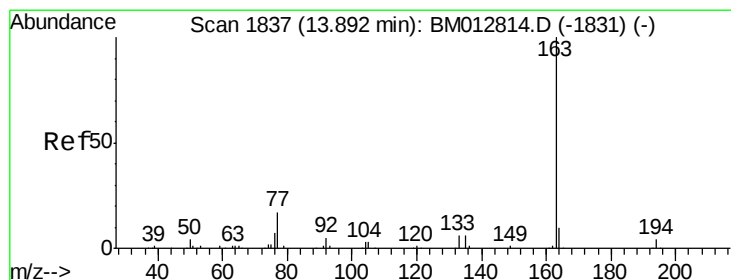
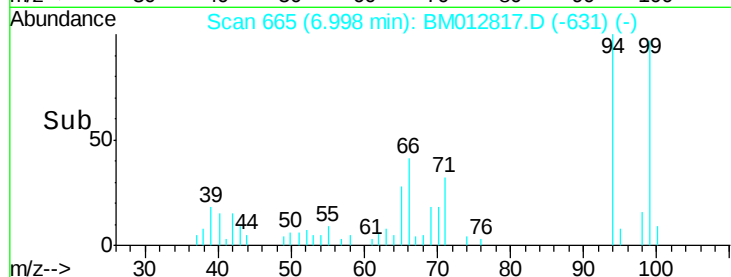
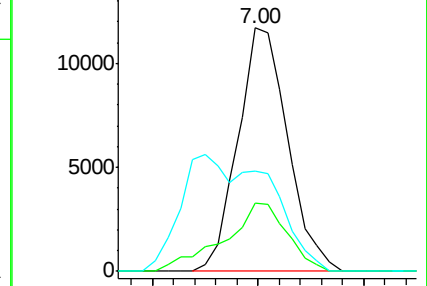
66 41.0 29.3 43.9



Abundance Ion 94.00 (93.70 to 94.70): BM012817.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BM012817.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BM012817.D (-659) (-)



#44

Dimethylphthalate

Concen: 6.13 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. 0.00 min

Lab File: BM012817.D

Acq: 08 Nov 2017 12:45

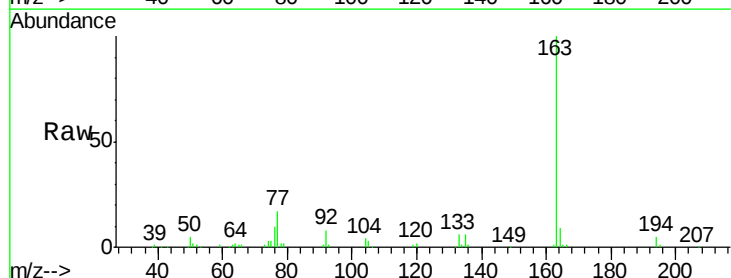
Tgt Ion: 163 Resp: 127705

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

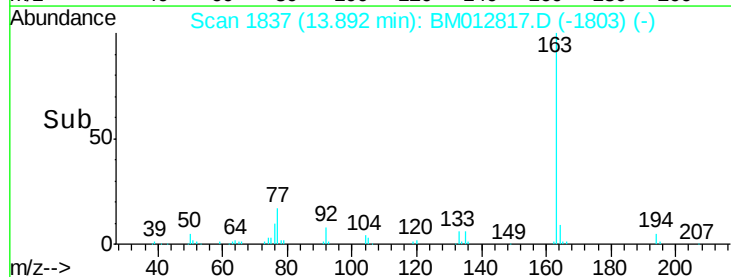
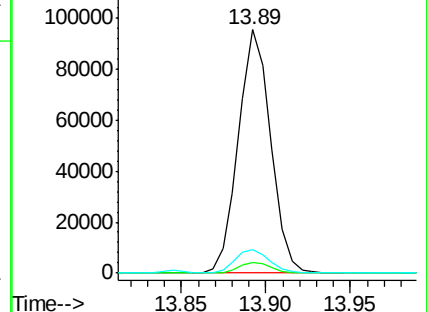
164 9.4 7.8 11.8

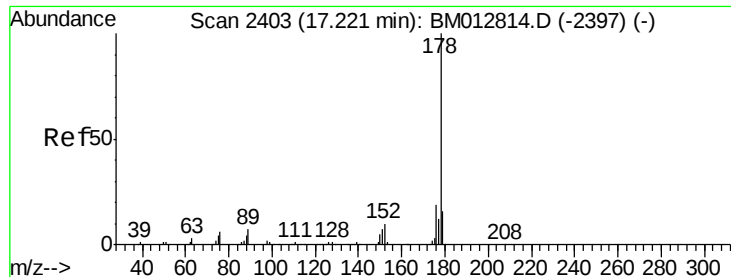


Abundance Ion 163.00 (162.70 to 163.70): BM012817.D (-1803) (-)

Ion 194.00 (193.70 to 194.70): BM012817.D (-1803) (-)

Ion 164.00 (163.70 to 164.70): BM012817.D (-1803) (-)





#69

Phenanthrene

Concen: 2.09 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. 0.01 min

Lab File: BM012817.D

Acq: 08 Nov 2017 12:45

Instrument :

BNA_M

ClientSampleId :

B-68(1-2)-102417

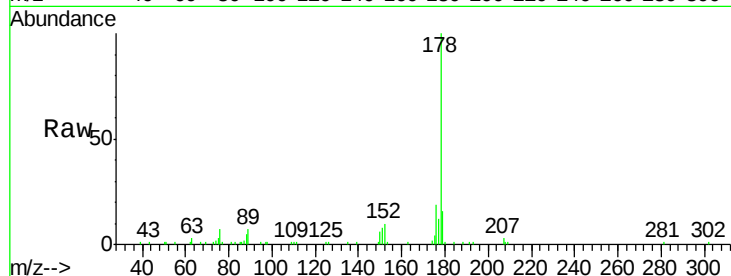
Tot Ion:178 Resp: 57731

Ion Ratio Lower Upper

178 100

179 15.5 12.2 18.4

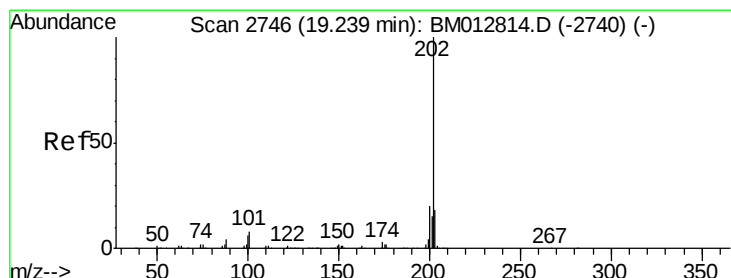
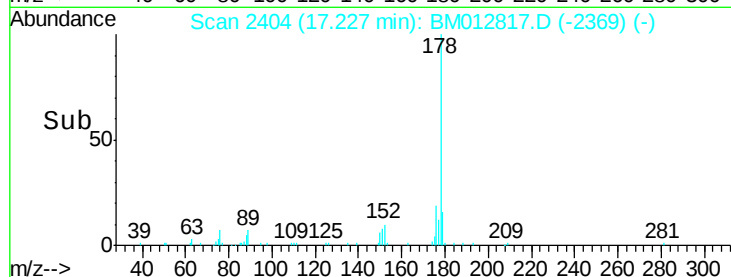
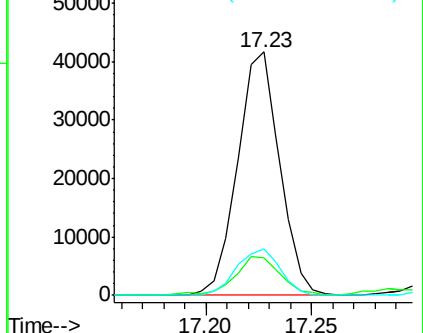
176 19.2 15.6 23.4



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



#76

Fluoranthene

Concen: 3.15 ng/ul

RT: 19.24 min Scan# 2746

Delta R.T. 0.00 min

Lab File: BM012817.D

Acq: 08 Nov 2017 12:45

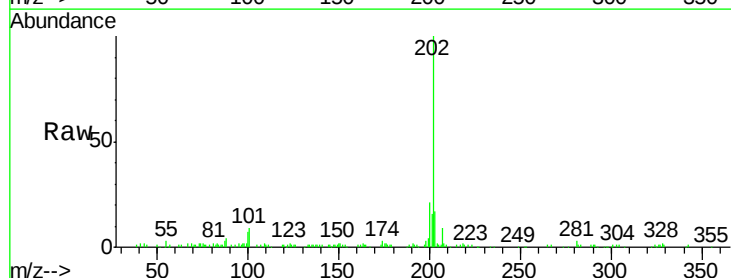
Tgt Ion:202 Resp: 104591

Ion Ratio Lower Upper

202 100

101 9.4 8.8 13.2

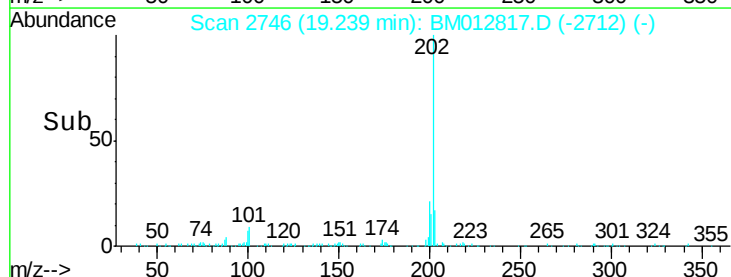
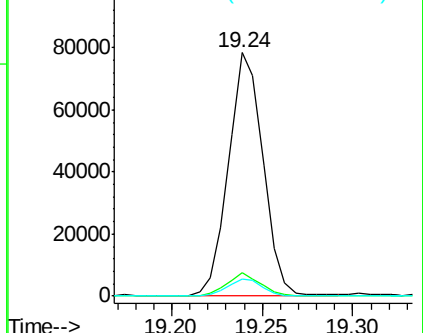
100 7.2 6.6 9.8

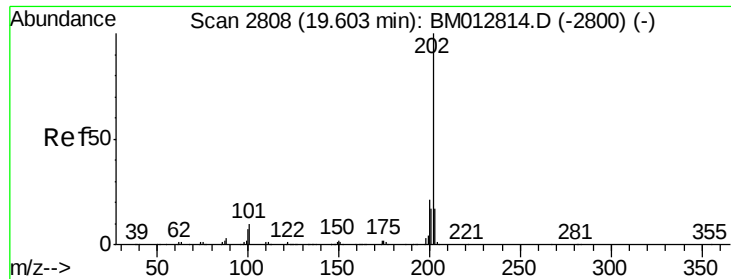


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#79

Pvrene

Concen: 3.19 ng/ul

RT: 19.60 min Scan# 2808

Delta R.T. 0.00 min

Lab File: BM012817.D

Acq: 08 Nov 2017 12:45

Instrument :

BNA_M

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B-68(1-2)-102417

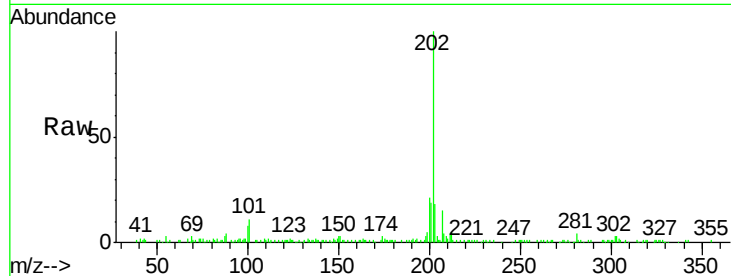
Tot Ion:202 Resp: 99834

Ion Ratio Lower Upper

202 100

101 10.6 10.2 15.2

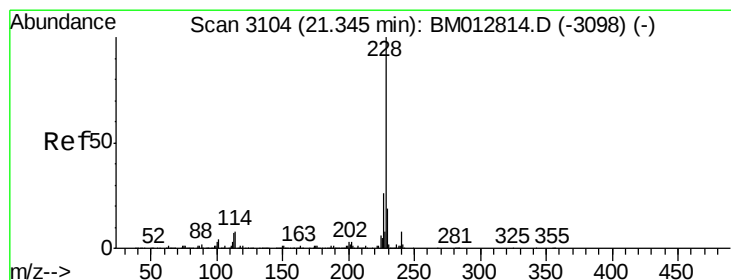
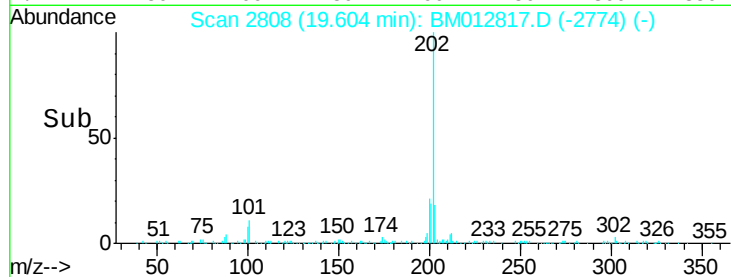
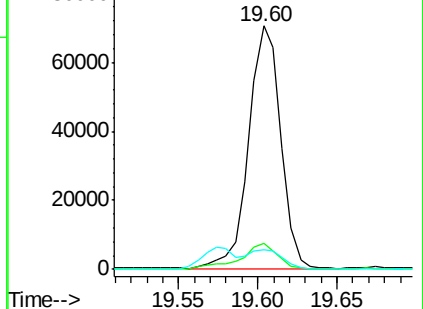
100 8.2 8.5 12.7#



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: 1.58 ng/ul

RT: 21.35 min Scan# 3105

Delta R.T. 0.01 min

Lab File: BM012817.D

Acq: 08 Nov 2017 12:45

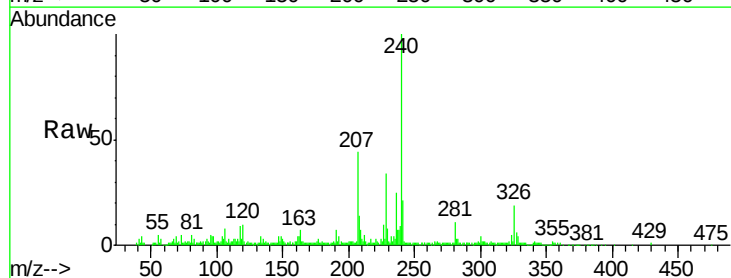
Tgt Ion:228 Resp: 50305

Ion Ratio Lower Upper

228 100

229 24.1 15.7 23.5#

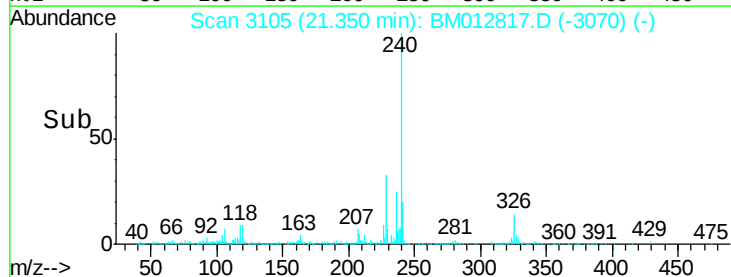
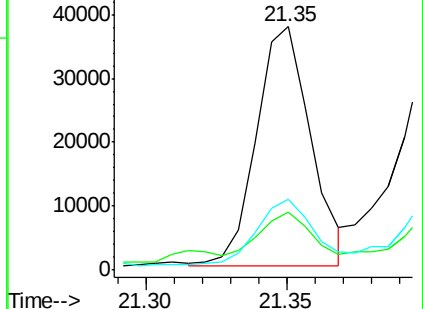
226 28.9 21.8 32.6

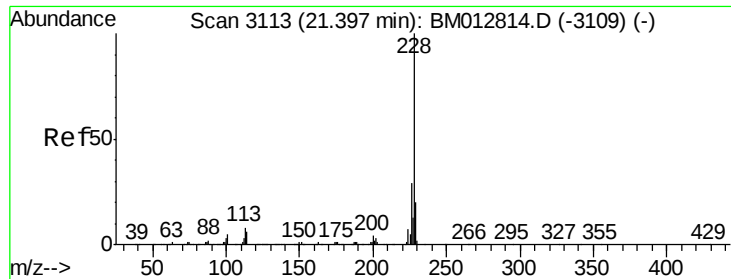


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Chrysene

Concen: 1.67 ng/ul

RT: 21.40 min Scan# 3114

Delta R.T. 0.01 min

Lab File: BM012817.D

Acq: 08 Nov 2017 12:45

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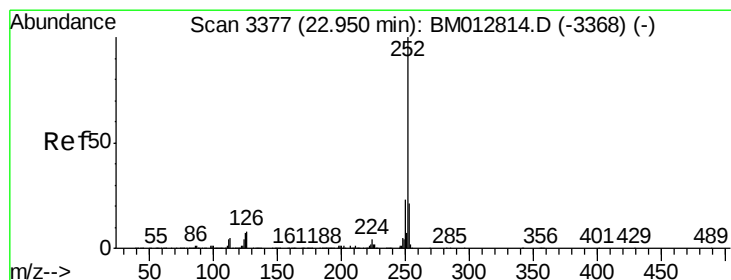
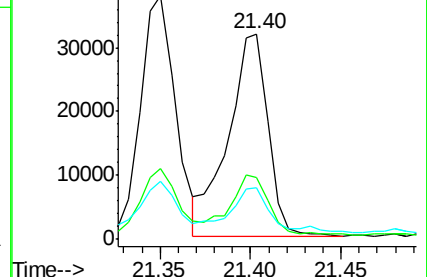
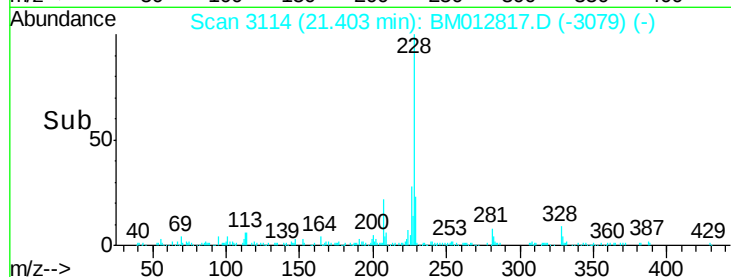
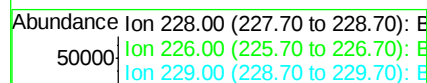
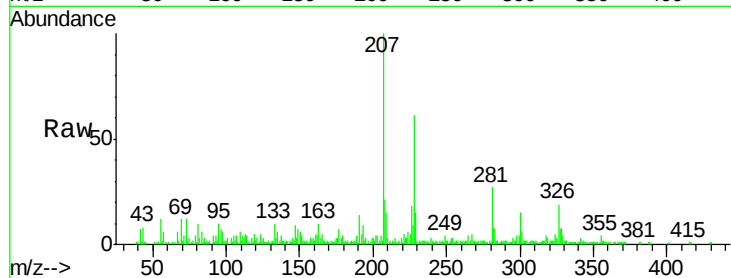
Tot Ion:228 Resp: 48166

Ion Ratio Lower Upper

228 100

226 30.1 24.0 36.0

229 25.2 15.6 23.4#



#87

Benzo(b)fluoranthene

Concen: 1.56 ng/ul

RT: 22.96 min Scan# 3379

Delta R.T. 0.01 min

Lab File: BM012817.D

Acq: 08 Nov 2017 12:45

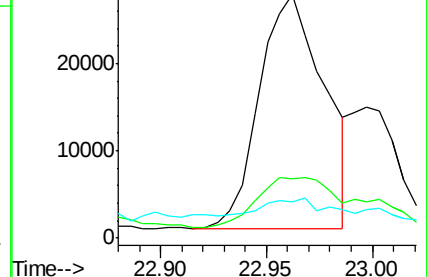
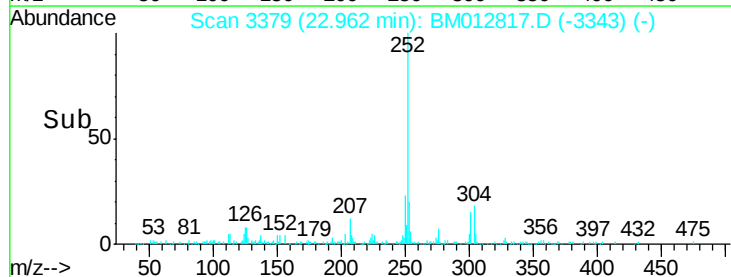
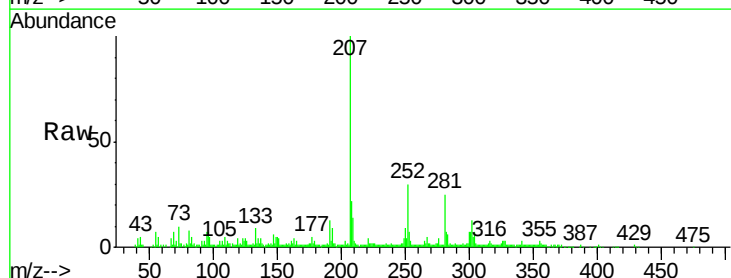
Tgt Ion:252 Resp: 57153

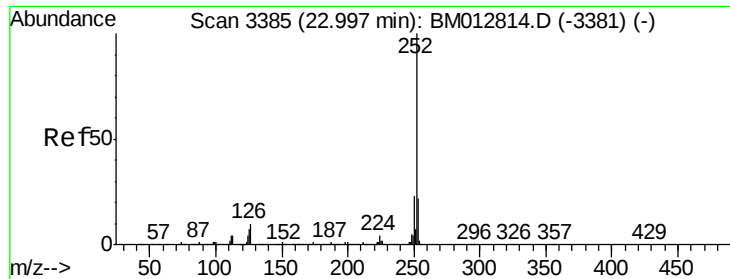
Ion Ratio Lower Upper

252 100

253 24.2 17.5 26.3

125 14.7 8.5 12.7#





#88

Benzo(k)fluoranthene

Concen: 1.64 ng/ul

RT: 22.96 min Scan# 3379

Delta R.T. -0.04 min

Lab File: BM012817.D

Acq: 08 Nov 2017 12:45

Instrument :

BNA_M

ClientSampleId :

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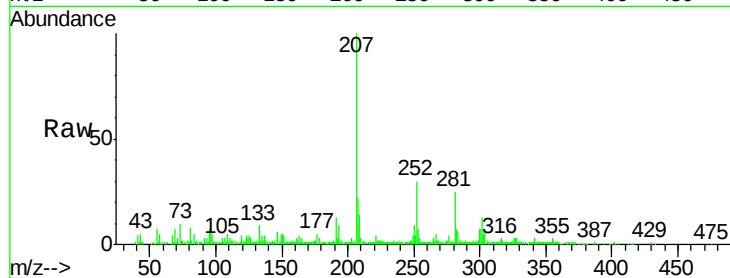
Tot Ion:252 Resp: 57153

Ion Ratio Lower Upper

252 100

253 24.2 17.3 25.9

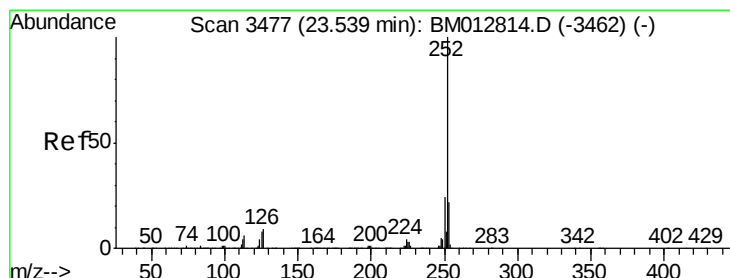
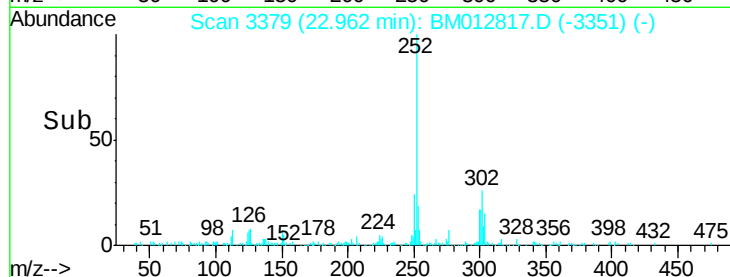
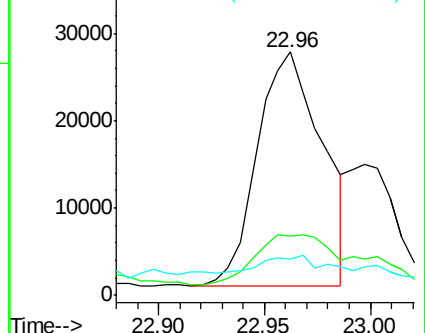
125 14.7 8.2 12.2#



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



#90

Benzo(a)pyrene

Concen: 1.37 ng/ul

RT: 23.55 min Scan# 3479

Delta R.T. 0.01 min

Lab File: BM012817.D

Acq: 08 Nov 2017 12:45

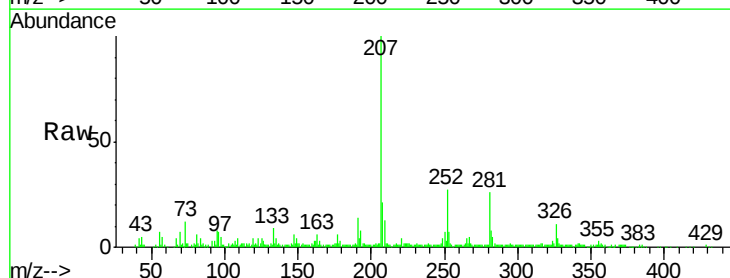
Tgt Ion:252 Resp: 47742

Ion Ratio Lower Upper

252 100

253 25.7 17.2 25.8

125 14.0 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

