

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110217\
 Data File : BM012677.D
 Acq On : 02 Nov 2017 23:28
 Operator : SJ/JU
 Sample : I6045-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0E41

Quant Time: Nov 03 03:10:37 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Nov 03 03:08:54 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	169298	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	716241	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	468250	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1131391	20.00	ng/ul	0.00
75) Chrysene-d12	21.38	240	1305140	20.00	ng/ul	0.00
83) Perylene-d12	23.67	264	1415489	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.32	96	11135	3.36	ng/uL	0.00
5) Phenol-d5	7.00	99	231093	16.34	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	134985	16.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	198808	18.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	191538	15.85	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	99901	22.27	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	116027	25.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	212690	17.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	72231	5.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.87	166	730259	17.85	ng/ul	0.00
46) Acenaphthylene-d8	14.15	160	866812	17.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	92981	15.29	ng/ul	0.00
57) Fluorene-d10	15.45	176	641119	18.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.58	200	99201	18.12	ng/ul	0.00
70) Anthracene-d10	17.30	188	982200	18.22	ng/ul	0.00
76) Pyrene-d10	19.59	212	1105923	18.47	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.52	264	1229774	18.29	ng/ul	0.00

Target Compounds

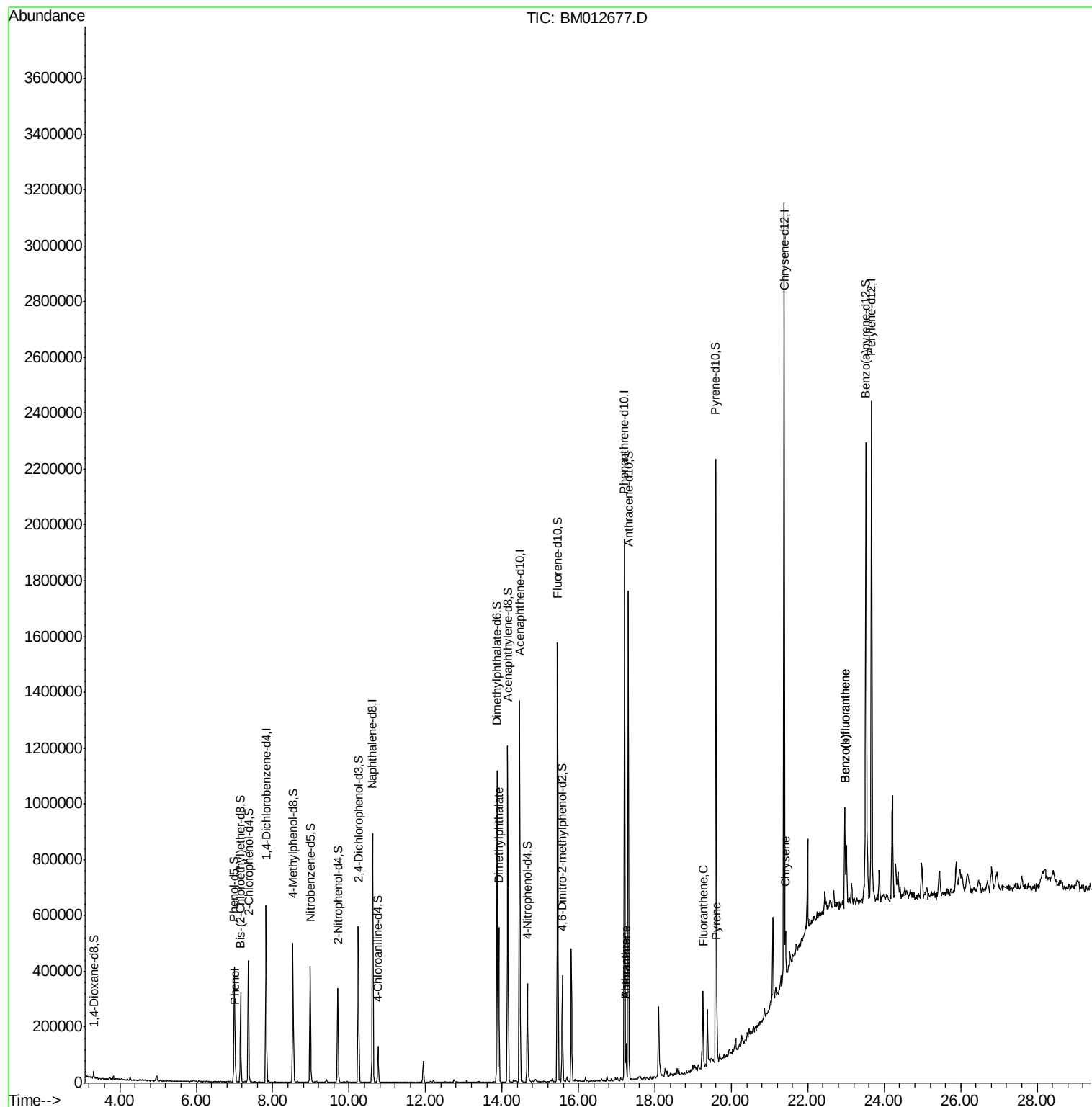
						Ovalue
6) Phenol	7.02	94	35263	2.39	ng/ul#	85
44) Dimethylphthalate	13.92	163	356349	8.81	ng/ul	100
69) Phenanthrene	17.24	178	72949	1.19	ng/ul	97
71) Anthracene	17.24	178	72949	1.15	ng/ul	96
74) Fluoranthene	19.26	202	141616	2.04	ng/ul#	94
77) Pyrene	19.62	202	135795	1.83	ng/ul#	93
82) Chrysene	21.42	228	78619	1.13	ng/ul	96
85) Benzo(b)fluoranthene	22.98	252	93392	1.07	ng/ul#	92
86) Benzo(k)fluoranthene	22.98	252	93392	1.13	ng/ul#	90

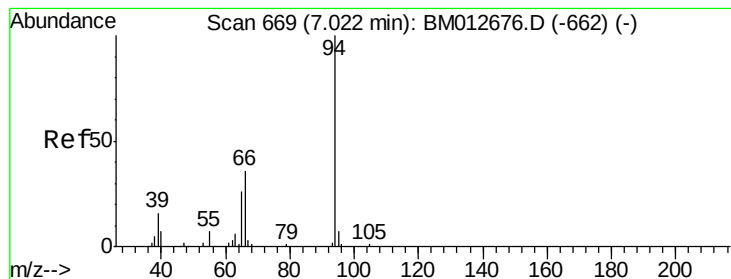
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 2.39 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. -0.00 min

Lab File: BM012677.D

Acq: 02 Nov 2017 23:28

Instrument :

BNA_M

ClientSampleId :

B0E41

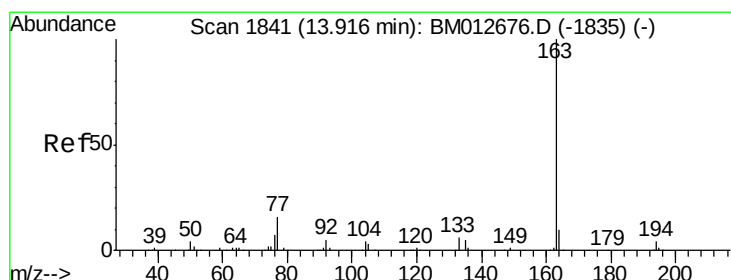
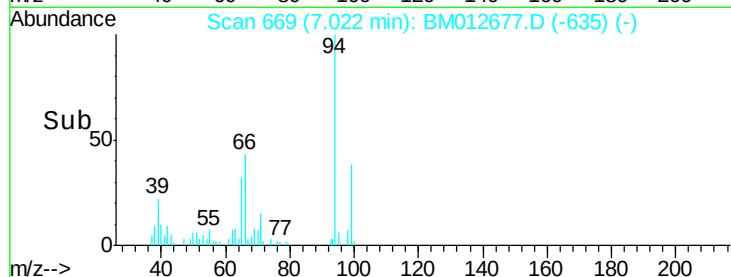
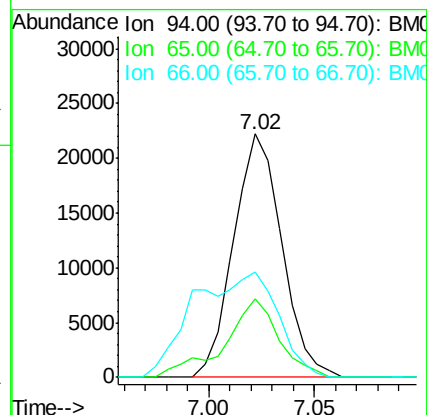
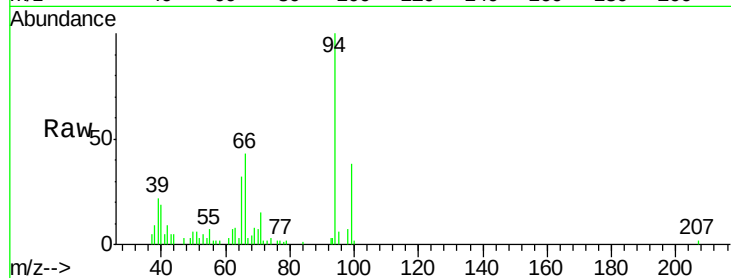
Tot Ion: 94 Resp: 35263

Ion Ratio Lower Upper

94 100

65 32.5 28.2 42.4

66 43.3 47.2 70.8#



#44

Dimethylphthalate

Concen: 8.81 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM012677.D

Acq: 02 Nov 2017 23:28

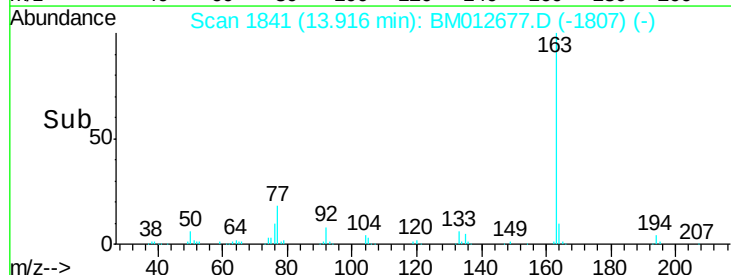
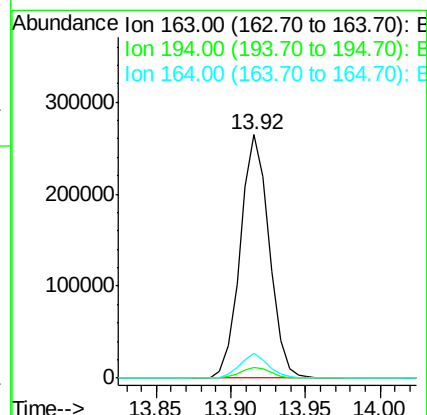
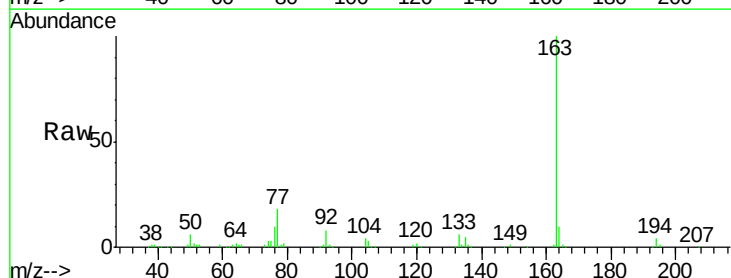
Tgt Ion: 163 Resp: 356349

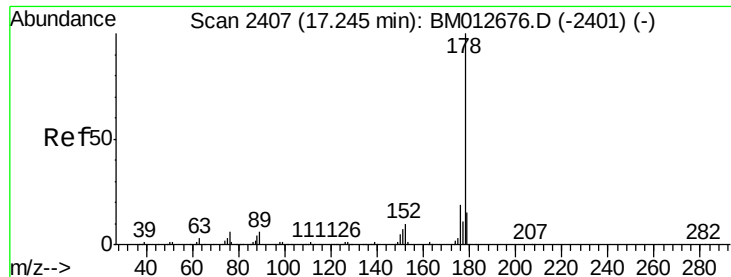
Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.3 8.2 12.4





#69

Phenanthrene

Concen: 1.19 ng/ul

RT: 17.24 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BM012677.D

Acq: 02 Nov 2017 23:28

Instrument :

BNA_M

ClientSampleId :

B0E41

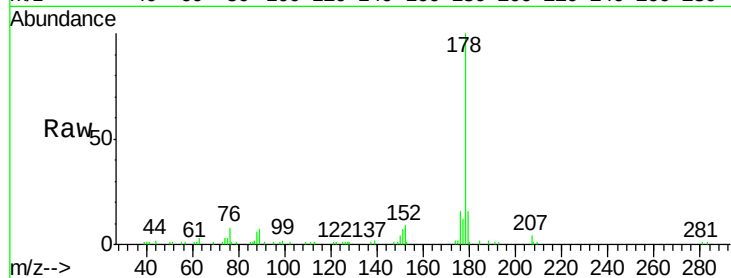
Tot Ion:178 Resp: 72949

Ion Ratio Lower Upper

178 100

179 16.0 12.6 19.0

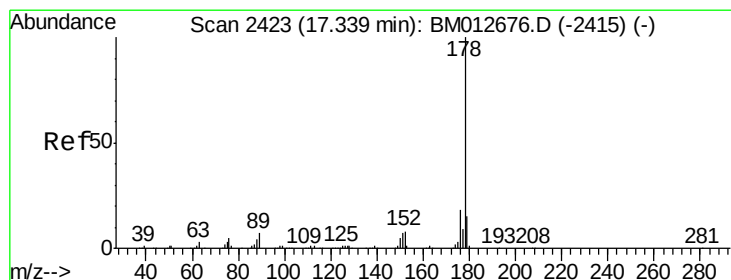
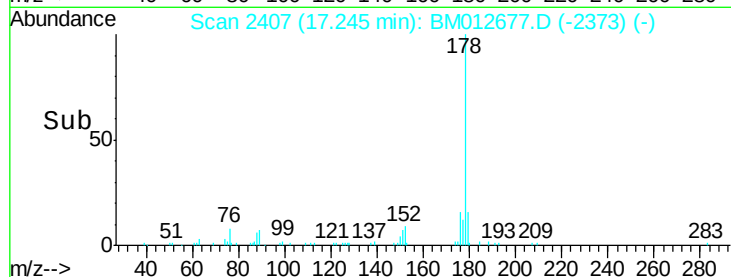
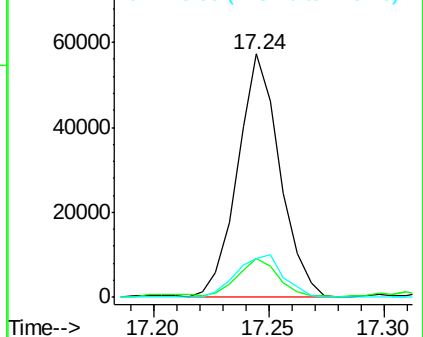
176 16.0 14.9 22.3



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: 1.15 ng/ul

RT: 17.24 min Scan# 2407

Delta R.T. -0.09 min

Lab File: BM012677.D

Acq: 02 Nov 2017 23:28

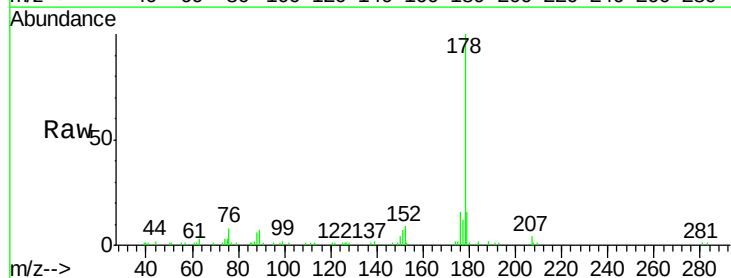
Tgt Ion:178 Resp: 72949

Ion Ratio Lower Upper

178 100

179 16.0 11.7 17.5

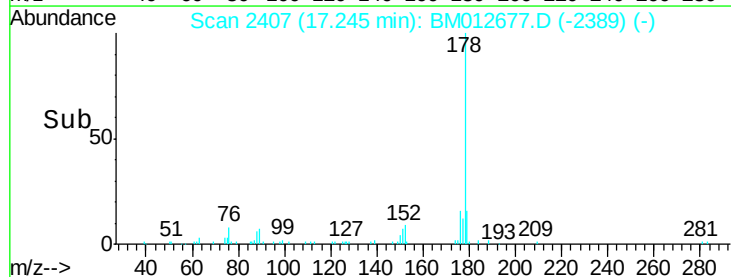
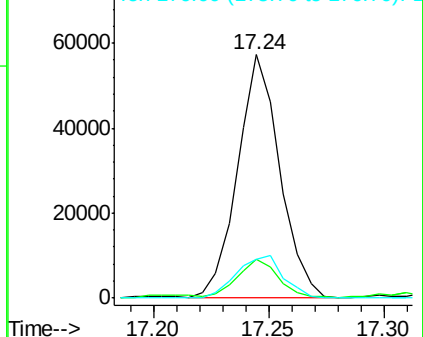
176 16.0 14.6 21.8

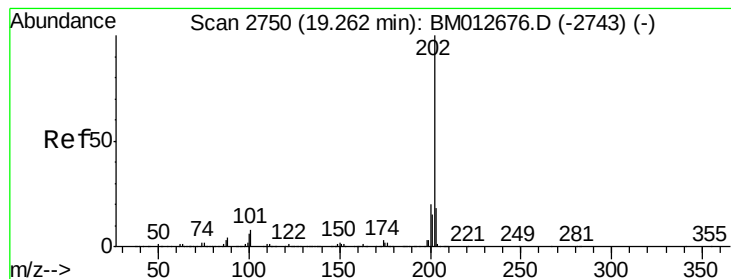


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 2.04 ng/ul

RT: 19.26 min Scan# 2749

Delta R.T. -0.01 min

Lab File: BM012677.D

Acq: 02 Nov 2017 23:28

Instrument :

BNA_M

ClientSampleId :

B0E41

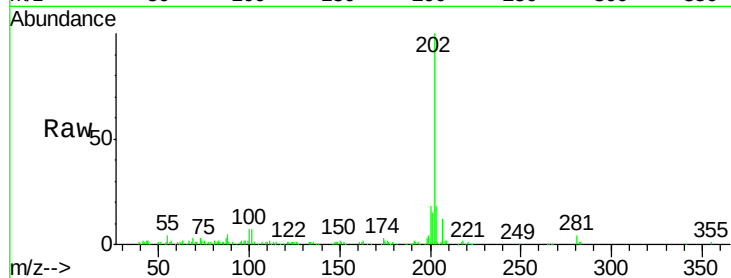
Tot Ion:202 Resp: 141616

Ion Ratio Lower Upper

202 100

101 7.4 4.6 7.0#

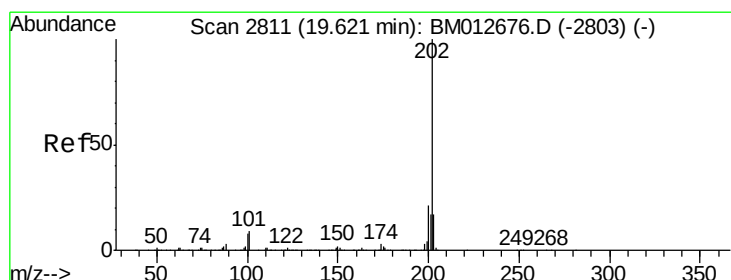
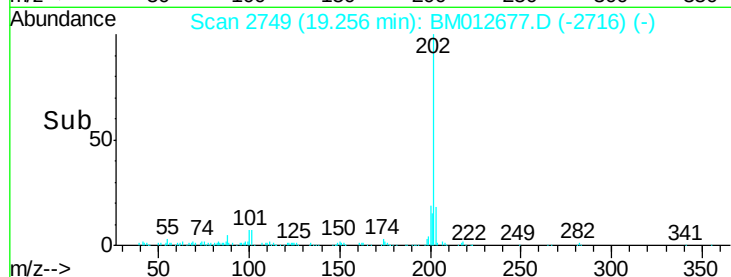
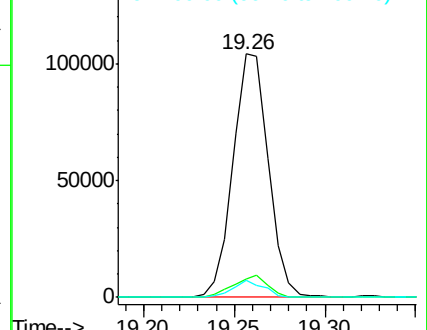
100 7.2 3.4 5.2#



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: 1.83 ng/ul

RT: 19.62 min Scan# 2811

Delta R.T. -0.00 min

Lab File: BM012677.D

Acq: 02 Nov 2017 23:28

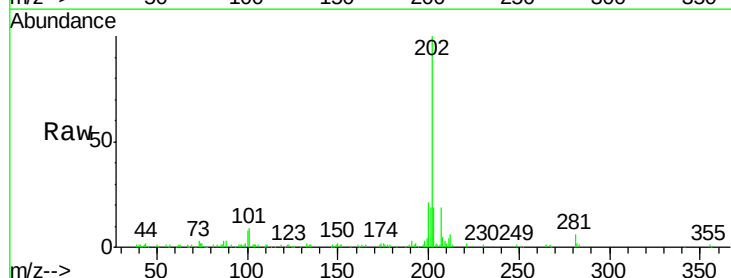
Tgt Ion:202 Resp: 135795

Ion Ratio Lower Upper

202 100

101 8.9 5.1 7.7#

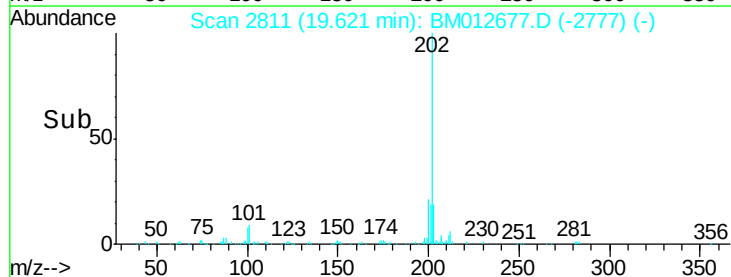
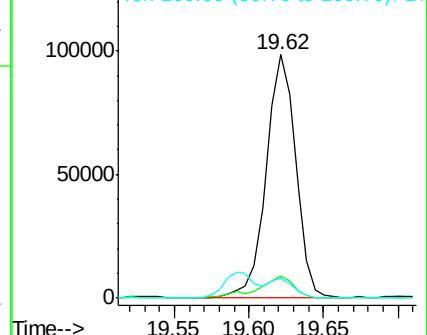
100 8.3 4.9 7.3#

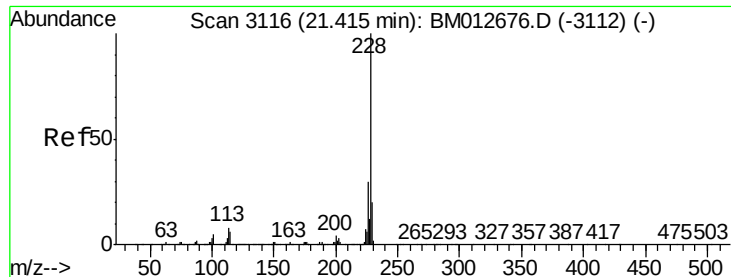


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Chrysene

Concen: 1.13 ng/ul

RT: 21.42 min Scan# 3116

Delta R.T. -0.00 min

Lab File: BM012677.D

Acq: 02 Nov 2017 23:28

Instrument :

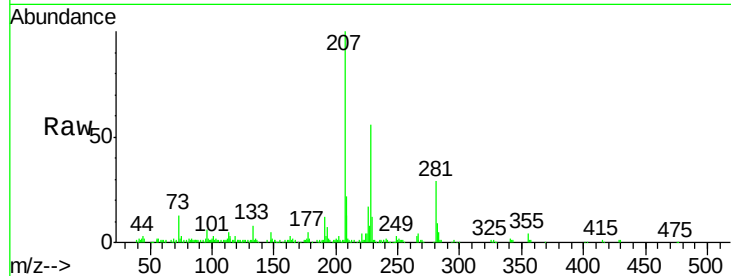
BNA_M

ClientSampleId :

B0E41

Tot Ion:228 Resp: 78619

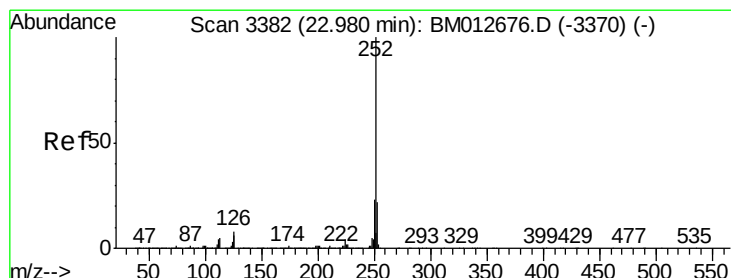
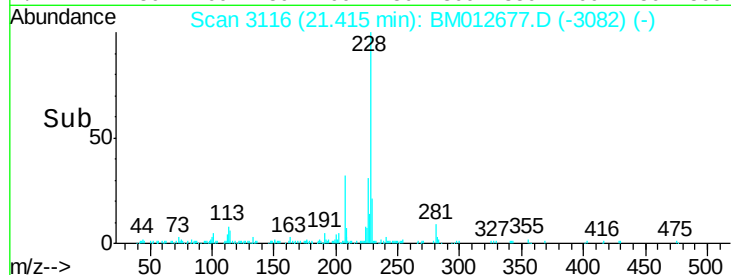
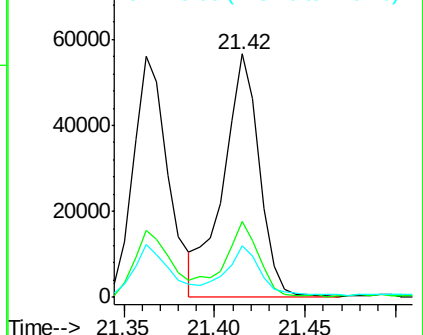
Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.4	35.2
229	21.4	15.5	23.3



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: 1.07 ng/ul

RT: 22.98 min Scan# 3382

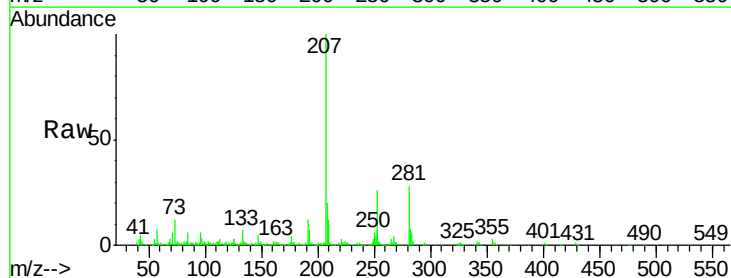
Delta R.T. -0.00 min

Lab File: BM012677.D

Acq: 02 Nov 2017 23:28

Tgt Ion:252 Resp: 93392

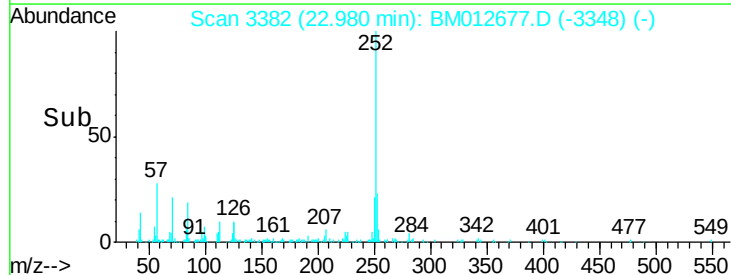
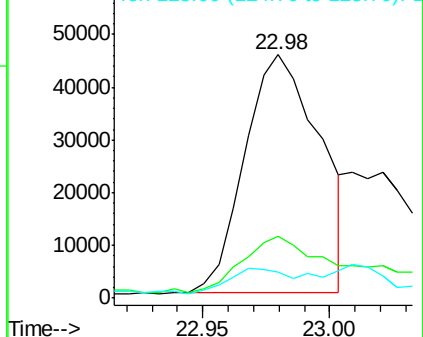
Ion	Ratio	Lower	Upper
252	100		
253	25.4	17.9	26.9
125	10.8	3.6	5.4

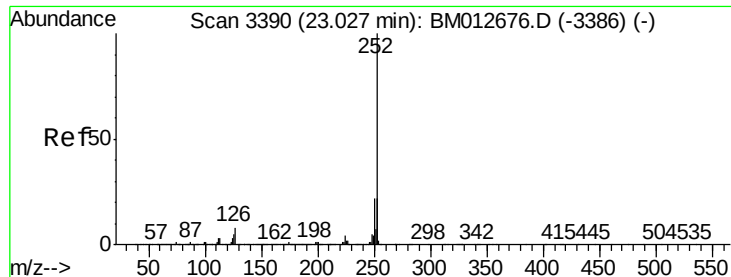


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.13 ng/ul

RT: 22.98 min Scan# 3382

Delta R.T. -0.05 min

Lab File: BM012677.D

Acq: 02 Nov 2017 23:28

Instrument :

BNA_M

ClientSampleId :

B0E41

Tot Ion:252 Resp: 93392

Ion Ratio Lower Upper

252 100

253 25.4 17.1 25.7

125 10.8 3.4 5.2#

