

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110117\
 Data File : BM012639.D
 Acq On : 01 Nov 2017 16:40
 Operator : SJ/JU
 Sample : I5937-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B0DN8

Quant Time: Nov 02 01:36:18 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 02 01:34:19 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	314014	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	1425054	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.47	164	1050753	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	2660123	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	3398756	20.00	ng/ul	0.00
83) Perylene-d12	23.69	264	3851017	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.33	96	35114	5.71	ng/uL	0.00
5) Phenol-d5	7.02	99	783597	29.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	439333	28.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	605360	30.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	632393	28.21	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	309932	34.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	373621	40.63	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	729261	29.94	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	749874	29.20	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2607037	28.40	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	2969863	27.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	359715	26.36	ng/ul	0.00
57) Fluorene-d10	15.47	176	2213767	28.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	429092	33.33	ng/ul	0.00
70) Anthracene-d10	17.32	188	3541345	27.94	ng/ul	0.00
76) Pyrene-d10	19.61	212	4096273	26.27	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	5025880	27.47	ng/ul	0.00

Target Compounds

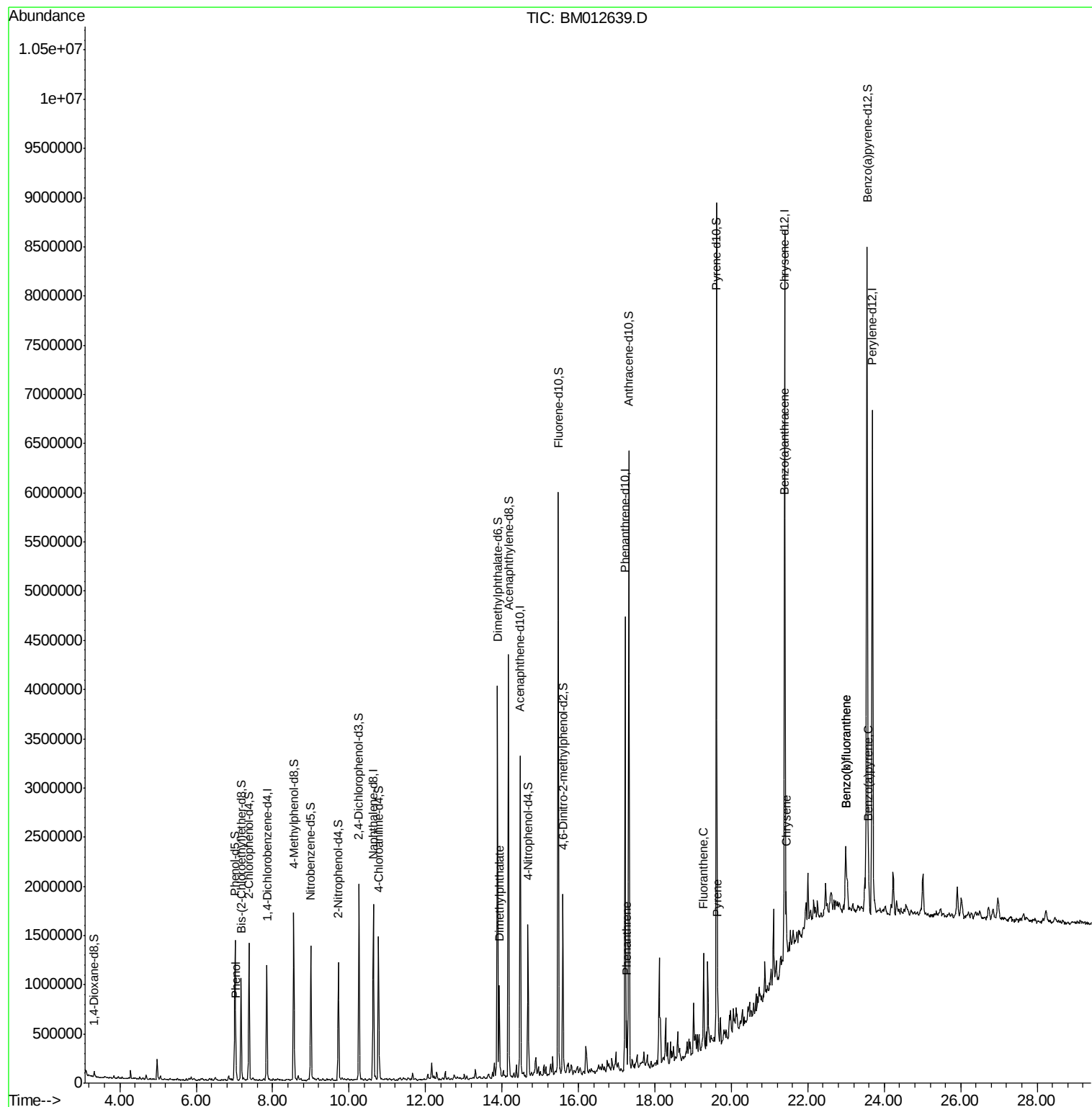
						Ovalue
6) Phenol	7.04	94	63961	2.34	ng/ul#	79
44) Dimethylphthalate	13.93	163	571704	6.30	ng/ul	99
69) Phenanthrene	17.26	178	304799	2.12	ng/ul	99
74) Fluoranthene	19.27	202	449162	2.76	ng/ul#	92
77) Pyrene	19.64	202	425005	2.20	ng/ul#	91
80) Benzo(a)anthracene	21.38	228	282321	1.39	ng/ul#	88
82) Chrysene	21.43	228	436742	2.41	ng/ul#	91
85) Benzo(b)fluoranthene	23.00	252	433326	1.82	ng/ul#	96
86) Benzo(k)fluoranthene	23.00	252	433326	1.93	ng/ul#	94
88) Benzo(a)pyrene	23.59	252	274320	1.21	ng/ul#	94

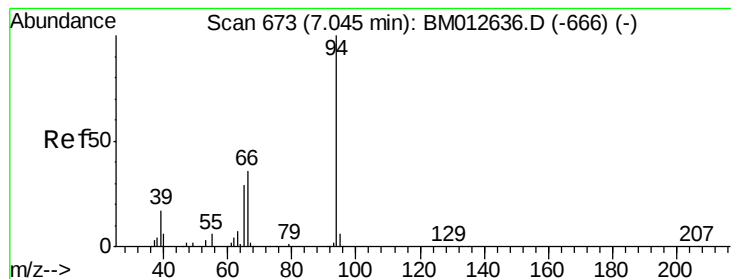
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 02 01:34:19 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.34 ng/ul

RT: 7.04 min Scan# 672

Delta R.T. -0.01 min

Lab File: BM012639.D

Acq: 01 Nov 2017 16:40

Instrument :

BNA_M

ClientSampleId :

B0DN8

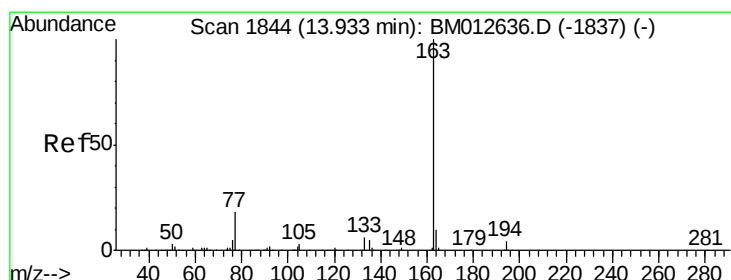
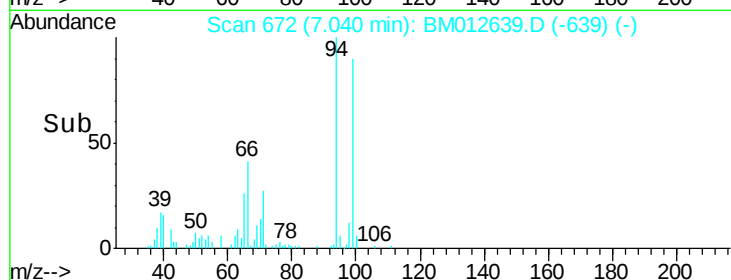
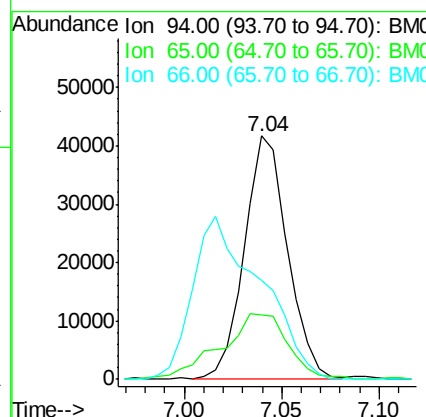
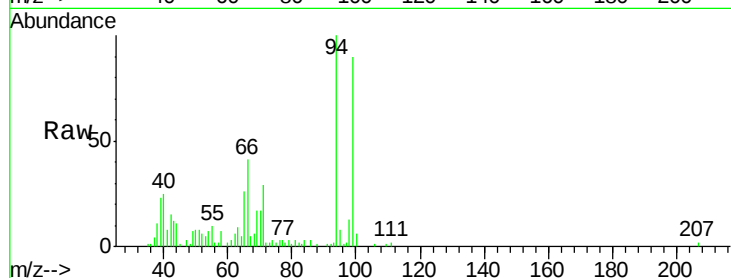
Tot Ion: 94 Resp: 63961

Ion Ratio Lower Upper

94 100

65 26.5 28.2 42.4#

66 40.9 47.2 70.8#



#44

Dimethylphthalate

Concen: 6.30 ng/ul

RT: 13.93 min Scan# 1844

Delta R.T. 0.00 min

Lab File: BM012639.D

Acq: 01 Nov 2017 16:40

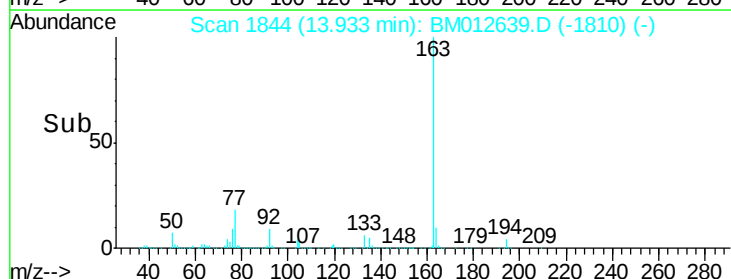
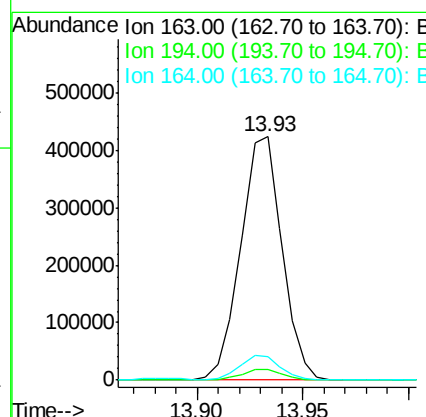
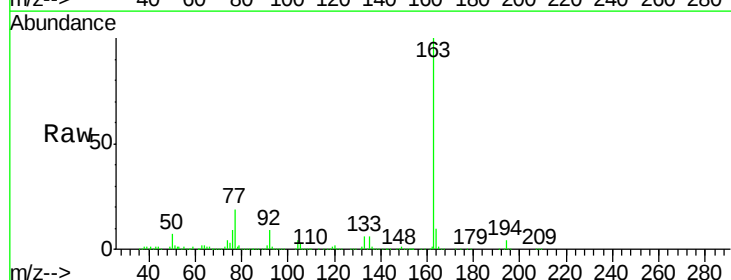
Tgt Ion:163 Resp: 571704

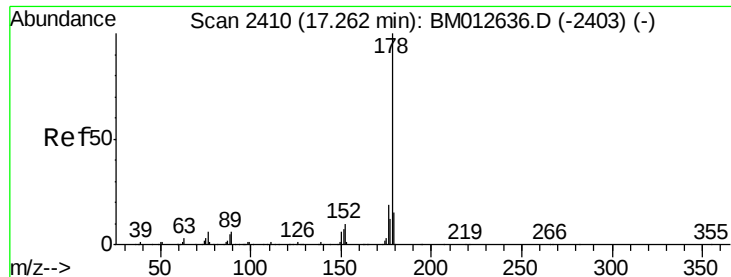
Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

164 9.6 8.2 12.4





#69

Phenanthrene

Concen: 2.12 ng/ul

RT: 17.26 min Scan# 2410

Delta R.T. 0.00 min

Lab File: BM012639.D

Acq: 01 Nov 2017 16:40

Instrument :

BNA_M

ClientSampleId :

B0DN8

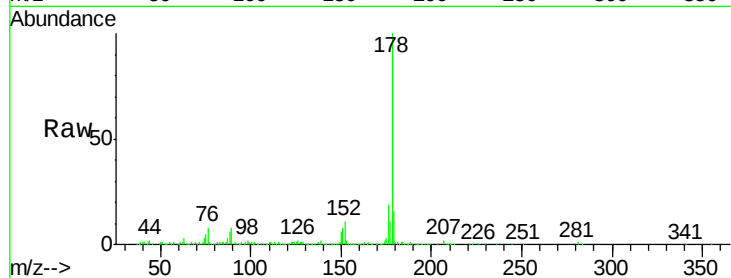
Tot Ion:178 Resp: 304799

Ion Ratio Lower Upper

178 100

179 16.3 12.6 19.0

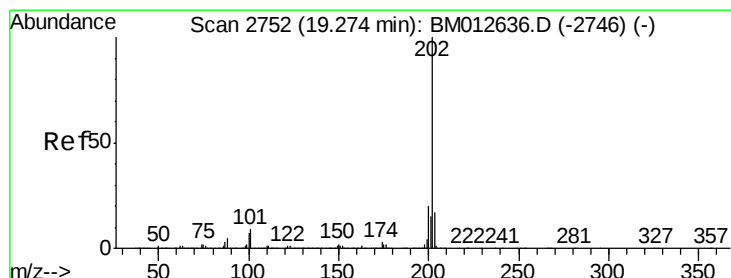
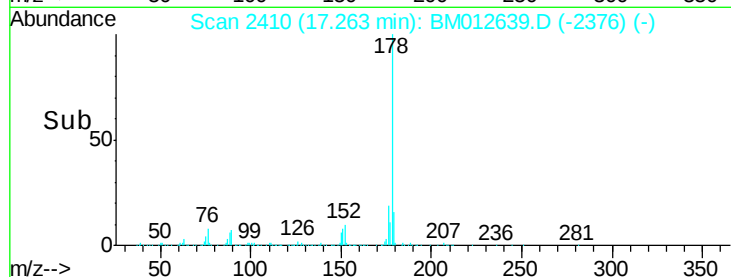
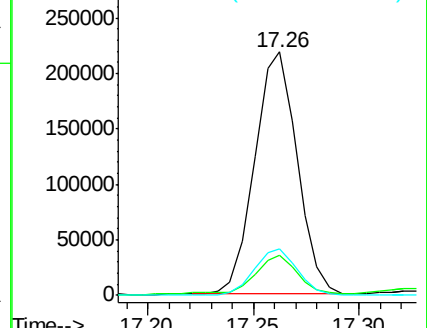
176 18.9 14.9 22.3



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



#74

Fluoranthene

Concen: 2.76 ng/ul

RT: 19.27 min Scan# 2752

Delta R.T. 0.00 min

Lab File: BM012639.D

Acq: 01 Nov 2017 16:40

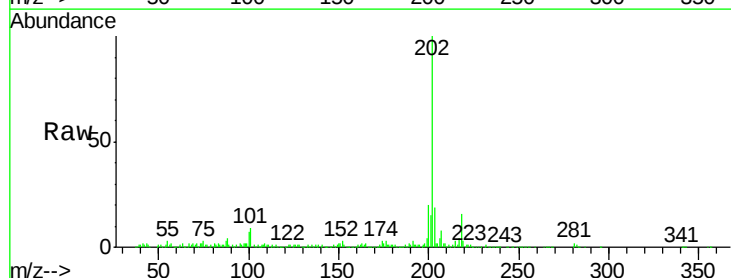
Tgt Ion:202 Resp: 449162

Ion Ratio Lower Upper

202 100

101 8.9 4.6 7.0#

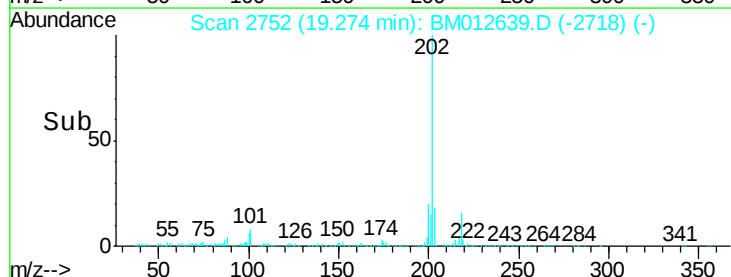
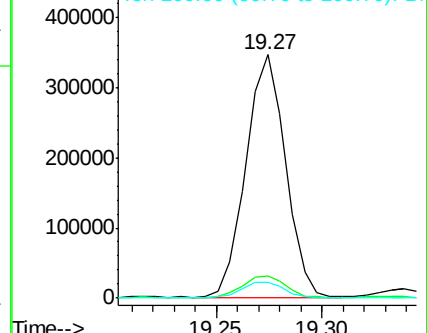
100 6.7 3.4 5.2#

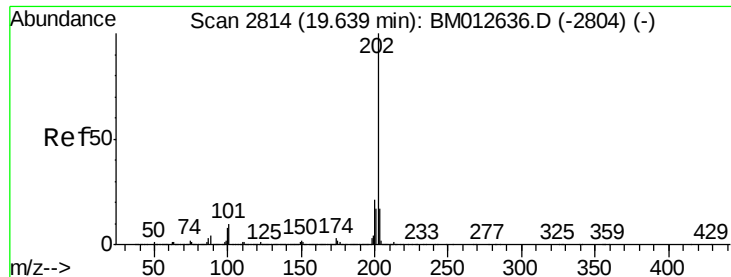


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 2.20 ng/ul

RT: 19.64 min Scan# 2814

Delta R.T. 0.00 min

Lab File: BM012639.D

Acq: 01 Nov 2017 16:40

Instrument :

BNA_M

ClientSampleId :

B0DN8

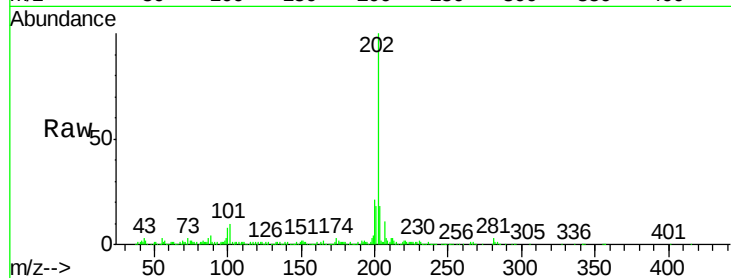
Tot Ion:202 Resp: 425005

Ion Ratio Lower Upper

202 100

101 9.9 5.1 7.7#

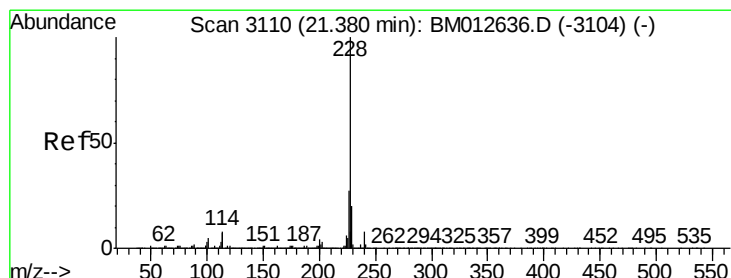
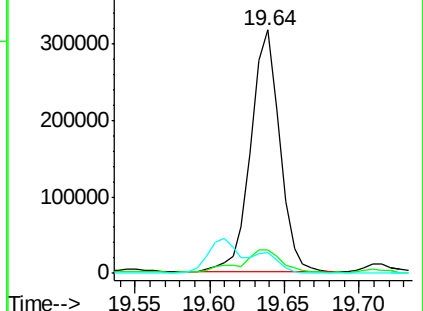
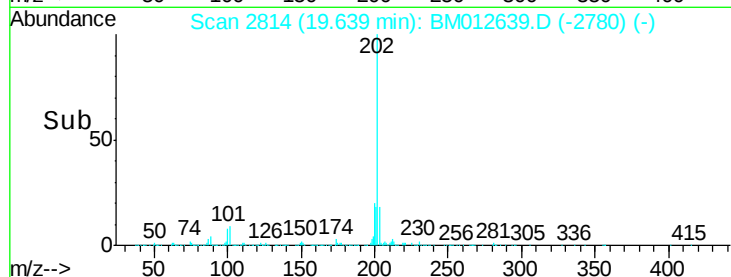
100 8.4 4.9 7.3#



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



#80

Benzo(a)anthracene

Concen: 1.39 ng/ul

RT: 21.38 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BM012639.D

Acq: 01 Nov 2017 16:40

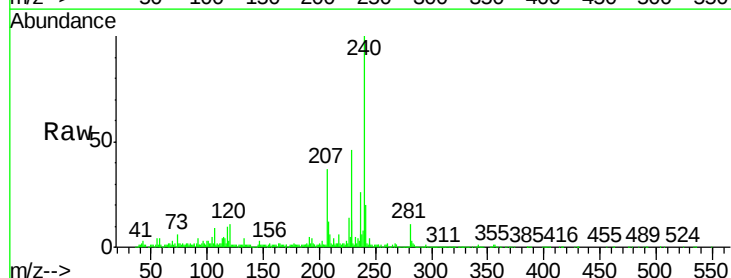
Tgt Ion:228 Resp: 282321

Ion Ratio Lower Upper

228 100

229 28.5 15.4 23.0#

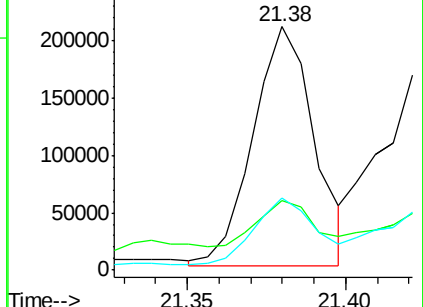
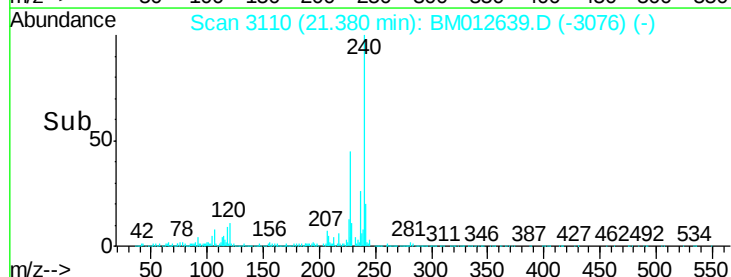
226 29.8 21.4 32.0

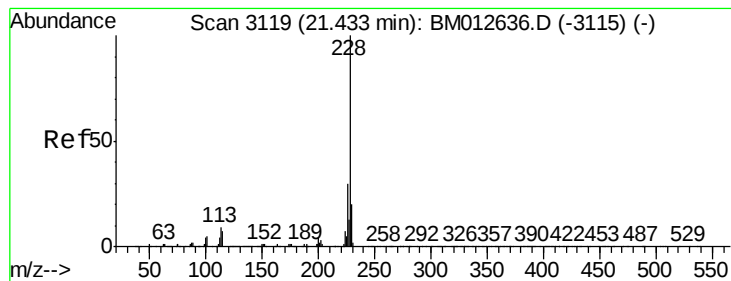


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.41 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. 0.00 min

Lab File: BM012639.D

Acq: 01 Nov 2017 16:40

Instrument :

BNA_M

ClientSampleId :

B0DN8

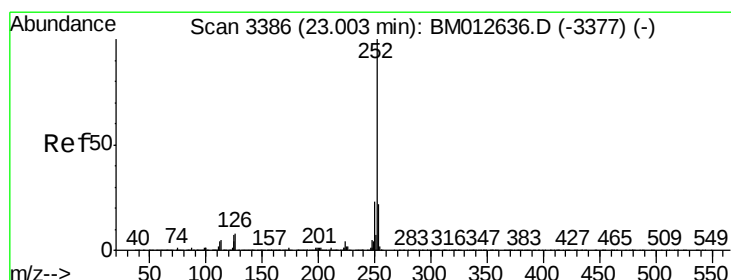
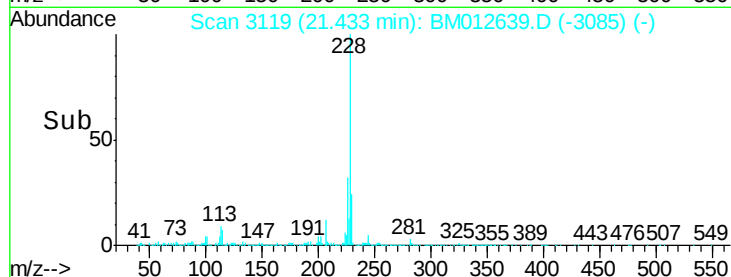
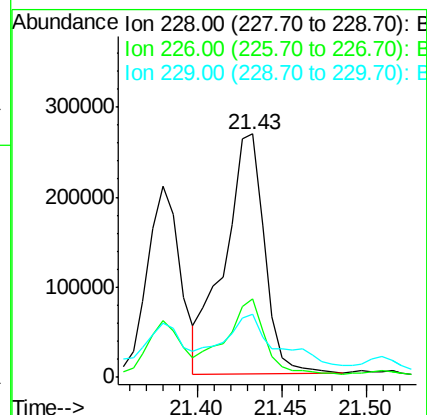
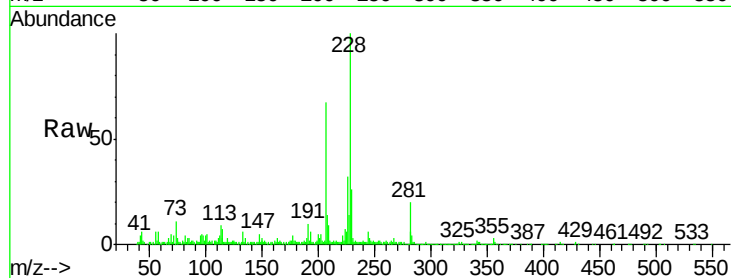
Tot Ion:228 Resp: 436742

Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.4	35.2
229	25.8	15.5	23.3

228 100

226 32.3 23.4 35.2

229 25.8 15.5 23.3#



#85

Benzo(b)fluoranthene

Concen: 1.82 ng/ul

RT: 23.00 min Scan# 3386

Delta R.T. 0.00 min

Lab File: BM012639.D

Acq: 01 Nov 2017 16:40

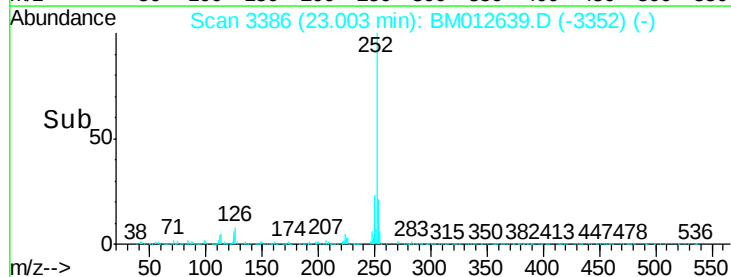
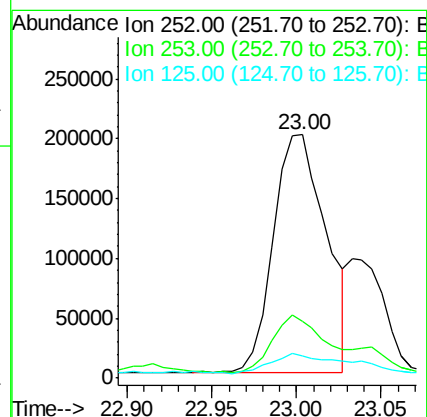
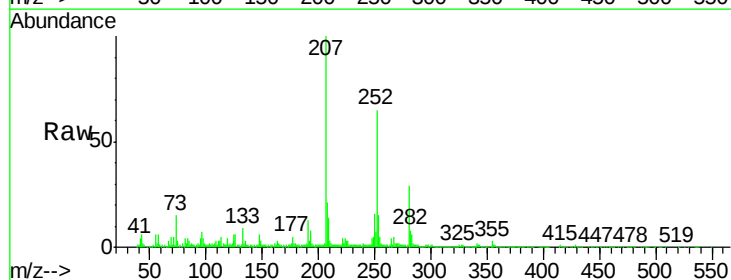
Tgt Ion:252 Resp: 433326

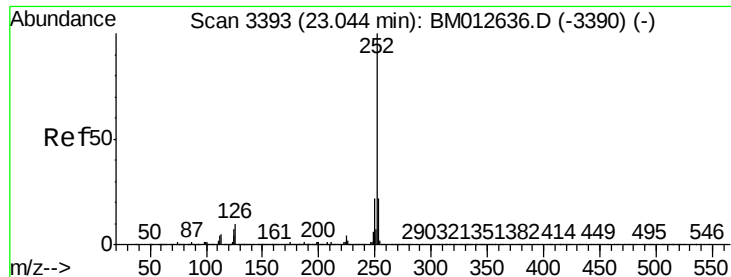
Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.9	26.9
125	8.9	3.6	5.4

252 100

253 23.4 17.9 26.9

125 8.9 3.6 5.4#





#86

Benzo(k)fluoranthene

Concen: 1.93 ng/ul

RT: 23.00 min Scan# 3386

Delta R.T. -0.04 min

Lab File: BM012639.D

Acq: 01 Nov 2017 16:40

Instrument :

BNA_M

ClientSampled :

B0DN8

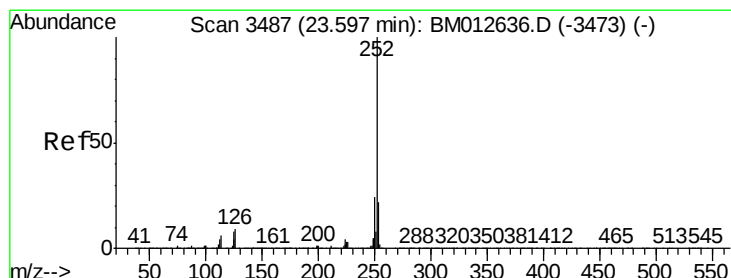
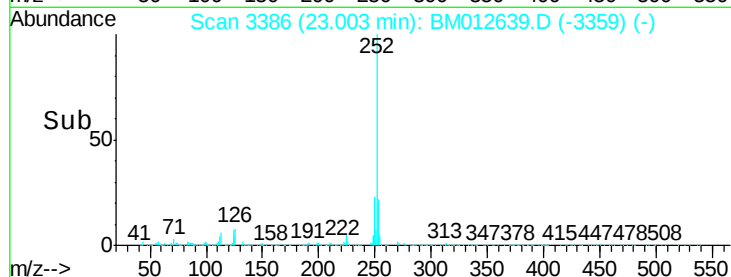
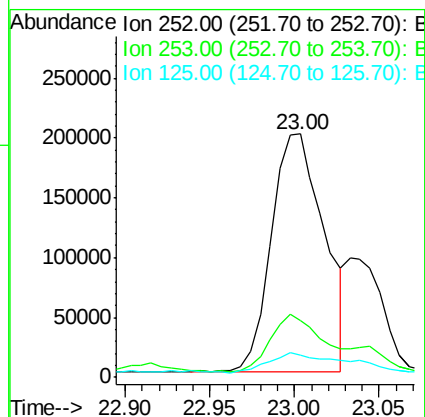
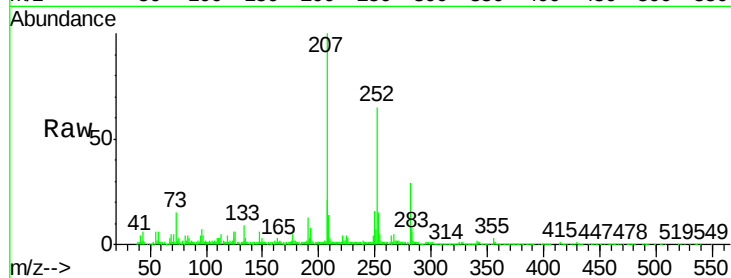
Tot Ion:252 Resp: 433326

Ion Ratio Lower Upper

252 100

253 23.4 17.1 25.7

125 8.9 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 1.21 ng/ul

RT: 23.59 min Scan# 3486

Delta R.T. -0.01 min

Lab File: BM012639.D

Acq: 01 Nov 2017 16:40

Tgt Ion:252 Resp: 274320

Ion Ratio Lower Upper

252 100

253 24.7 18.2 27.2

125 10.4 4.0 6.0#

