

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
 Data File : BM012063.D
 Acq On : 11 Oct 2017 03:51
 Operator : SJ/JU
 Sample : I5669-16
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 11 08:57:28 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 02:39:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	283047	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1215774	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	743644	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1763966	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2153074	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1925760	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	13724	2.29	ng/uL	0.00
5) Phenol-d5	7.00	99	311364	12.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	285924	19.84	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	287399	14.71	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	301167	14.31	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	190275	21.98	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	63720	6.53	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	243043	12.33	ng/ul	0.00
29) 4-Chloroaniline-d4	10.81	131	12795	0.59	ng/ul	0.02
43) Dimethylphthalate-d6	13.89	166	668657	10.37	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1712441	22.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.74	143	462	0.04	ng/ul	0.05
57) Fluorene-d10	15.48	176	1231668	21.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	5249	0.44	ng/ul	0.01
70) Anthracene-d10	17.33	188	1986533	22.85	ng/ul	0.00
76) Pyrene-d10	19.63	212	2439910	25.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	2117417	22.86	ng/ul	0.00

Target Compounds

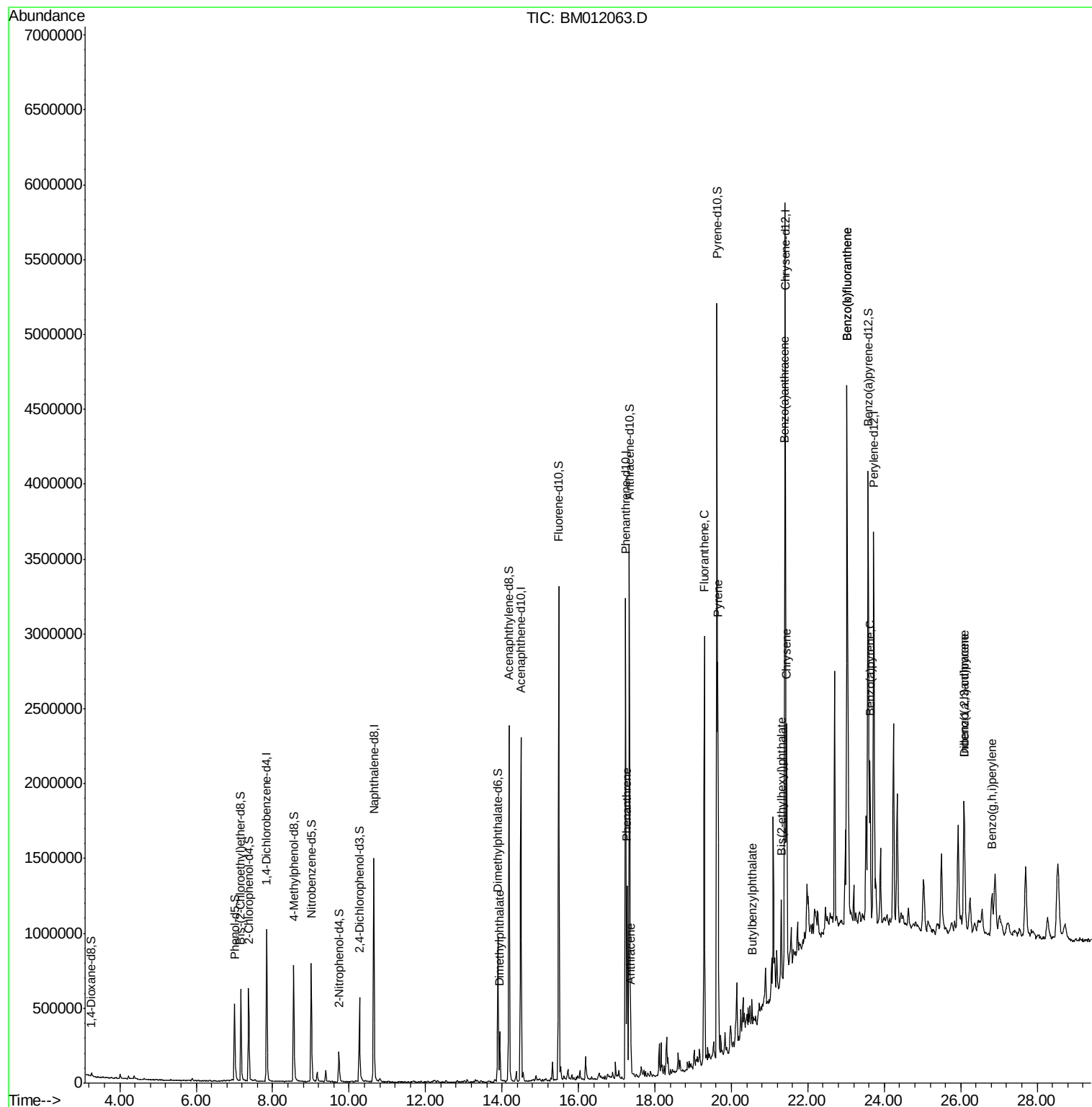
					Ovalue	
44) Dimethylphthalate	13.94	163	212898	3.434	ng/ul	99
69) Phenanthrene	17.27	178	724994	7.472	ng/ul	99
71) Anthracene	17.37	178	151372	1.533	ng/ul	99
74) Fluoranthene	19.29	202	1730965	14.621	ng/ul#	91
77) Pyrene	19.65	202	1493391	12.509	ng/ul#	88
78) Butylbenzylphthalate	20.54	149	51106	1.093	ng/ul	88
80) Benzo(a)anthracene	21.39	228	928876	7.531	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.31	149	183978	2.644	ng/ul	96
82) Chrysene	21.44	228	927962	7.918	ng/ul	99
85) Benzo(b)fluoranthene	23.03	252	1266661	10.821	ng/ul#	93
86) Benzo(k)fluoranthene	23.03	252	1266661	10.839	ng/ul#	91
88) Benzo(a)pyrene	23.63	252	750538	6.673	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	478576	3.976	ng/ul#	95
90) Dibenzo(a,h)anthracene	26.09	278	126452	1.279	ng/ul#	89
91) Benzo(g,h,i)perylene	26.82	276	383131	3.848	ng/ul#	92

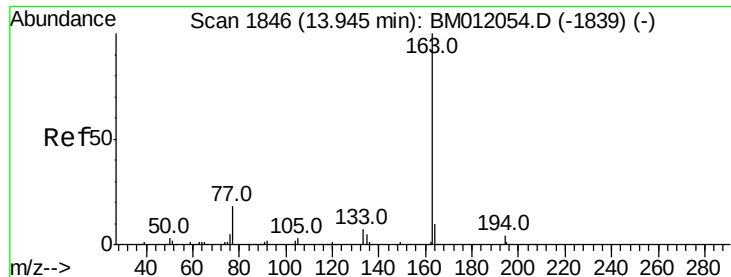
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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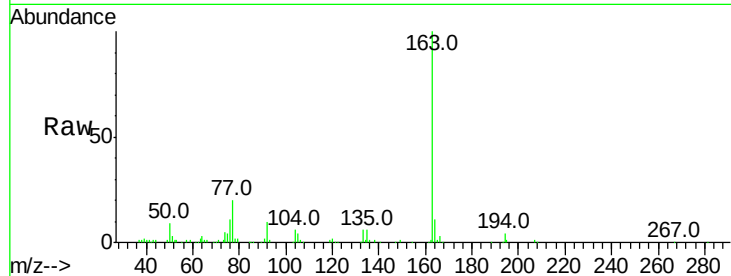




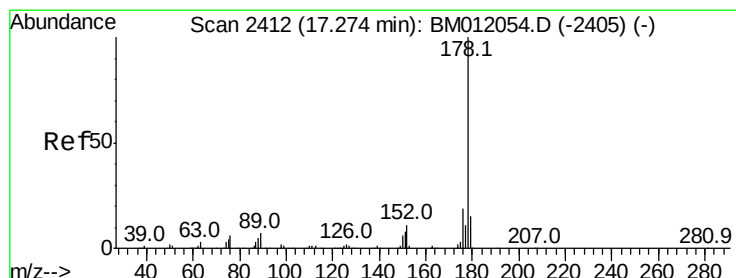
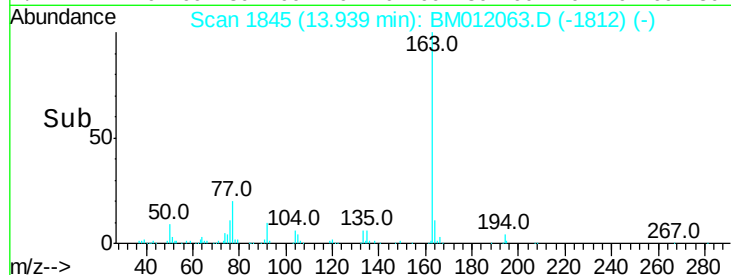
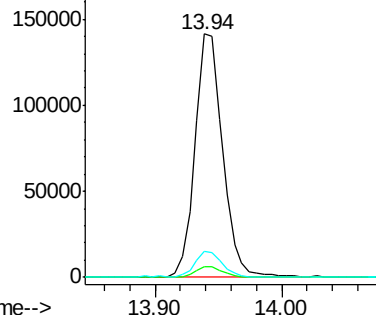
#44
Dimethylphthalate
Concen: 3.434 ng/ul
RT: 13.94 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BM012063.D
Acq: 11 Oct 2017 03:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.6	8.2	12.4

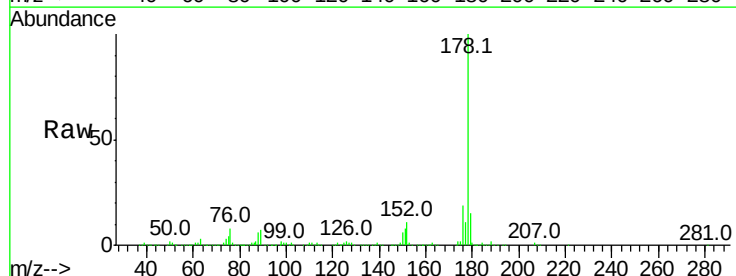


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

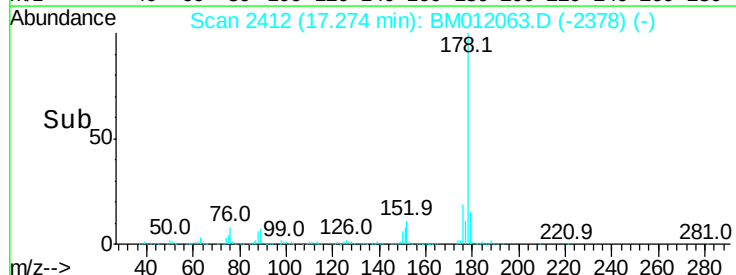
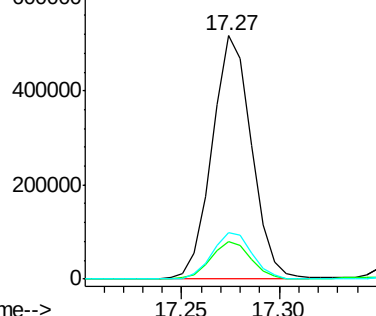


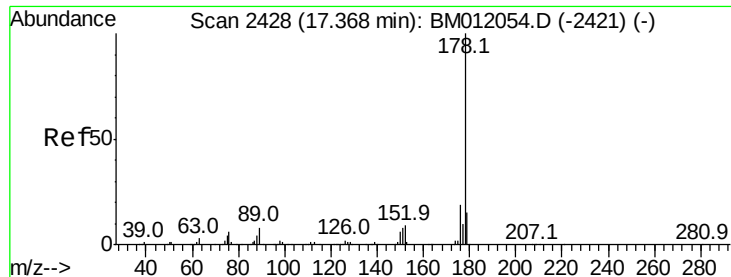
#69
Phenanthrene
Concen: 7.472 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.00 min
Lab File: BM012063.D
Acq: 11 Oct 2017 03:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.2	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

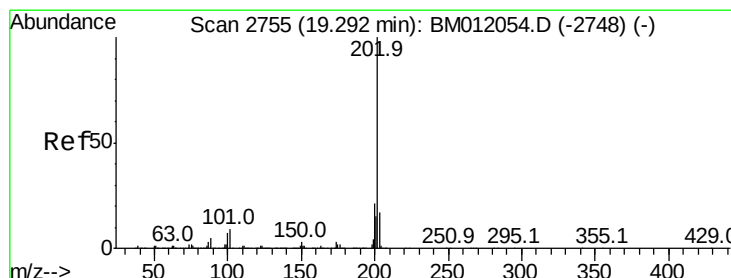
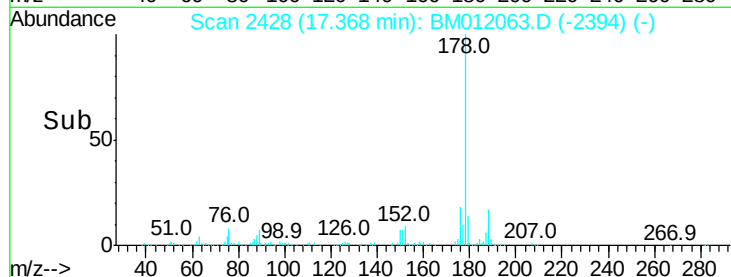
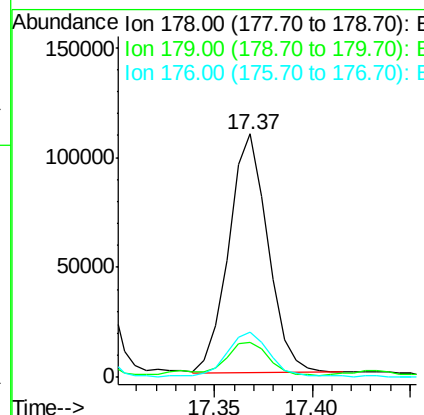
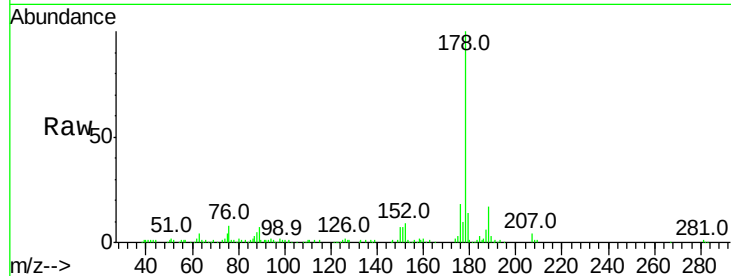




#71
 Anthracene
 Concen: 1.533 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. -0.00 min
 Lab File: BM012063.D
 Acq: 11 Oct 2017 03:51

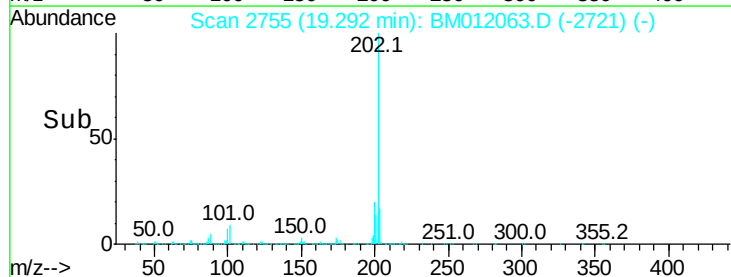
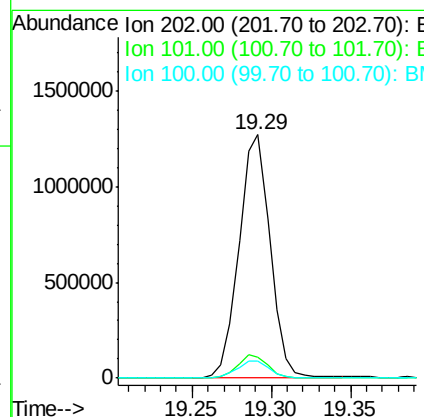
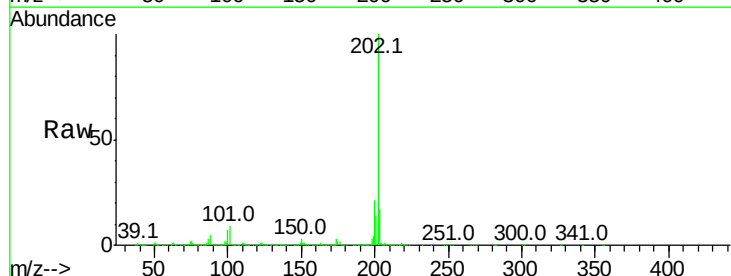
Instrument :
 BNA_M
 ClientSampled :

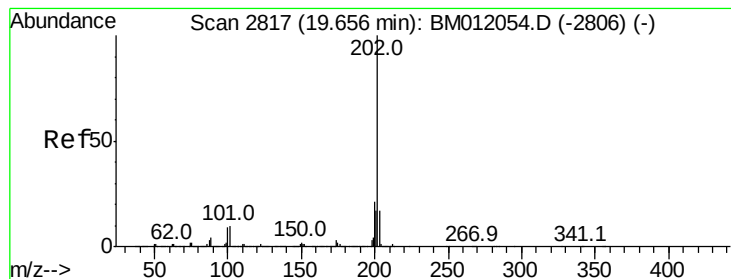
Tot Ion:178 Resp: 151372
 Ion Ratio Lower Upper
 178 100
 179 14.4 11.7 17.5
 176 18.5 14.6 21.8



#74
 Fluoranthene
 Concen: 14.621 ng/ul
 RT: 19.29 min Scan# 2755
 Delta R.T. -0.00 min
 Lab File: BM012063.D
 Acq: 11 Oct 2017 03:51

Tgt Ion:202 Resp: 1730965
 Ion Ratio Lower Upper
 202 100
 101 8.8 4.6 7.0#
 100 7.0 3.4 5.2#





#77

Pvrene

Concen: 12.509 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. -0.01 min

Lab File: BM012063.D

Acq: 11 Oct 2017 03:51

Instrument :

BNA_M

ClientSampled :

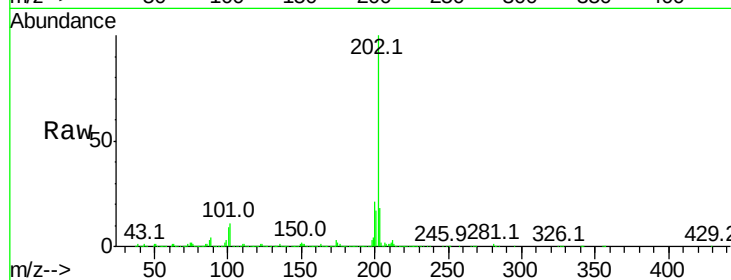
Tot Ion:202 Resp: 1493391

Ion Ratio Lower Upper

202 100

101 11.2 5.1 7.7#

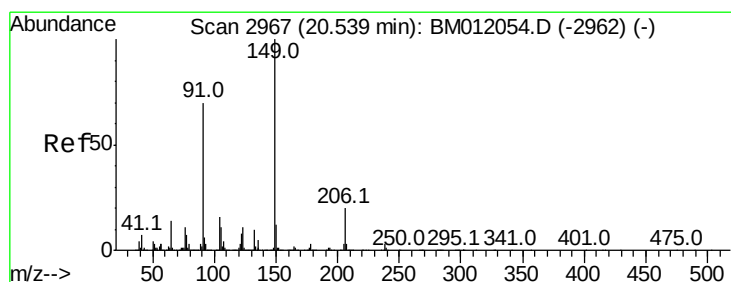
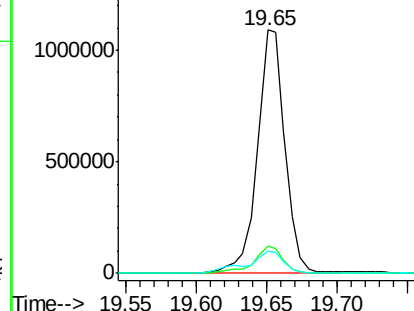
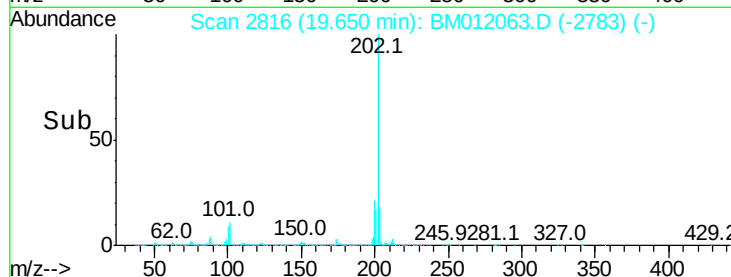
100 9.4 4.9 7.3#



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



#78

Butylbenzylphthalate

Concen: 1.093 ng/ul

RT: 20.54 min Scan# 2967

Delta R.T. -0.00 min

Lab File: BM012063.D

Acq: 11 Oct 2017 03:51

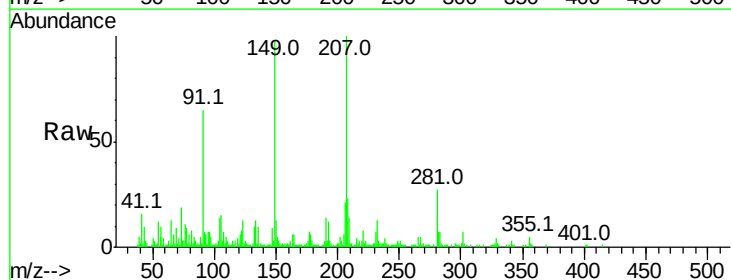
Tgt Ion:149 Resp: 51106

Ion Ratio Lower Upper

149 100

91 66.4 62.7 94.1

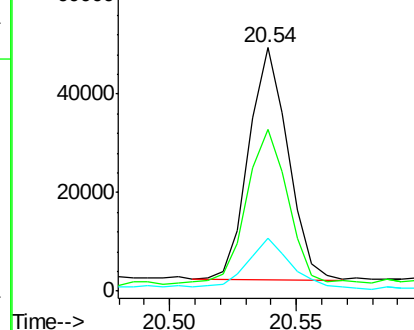
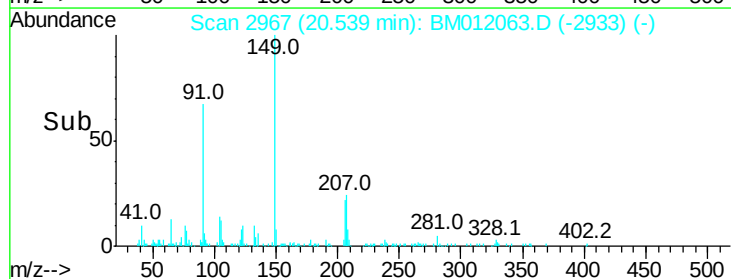
206 21.9 20.8 31.2

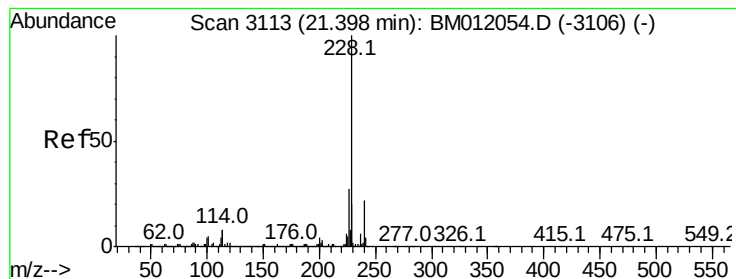


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 7.531 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. -0.01 min

Lab File: BM012063.D

Acq: 11 Oct 2017 03:51

Instrument :

BNA_M

ClientSampleId :

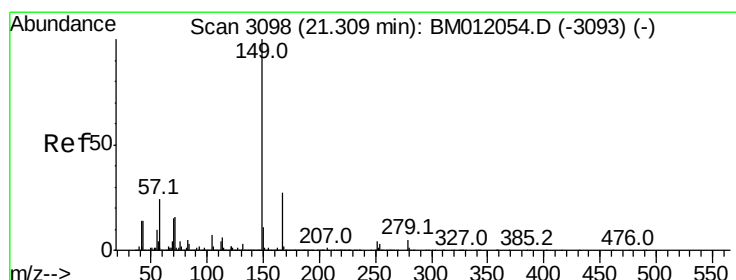
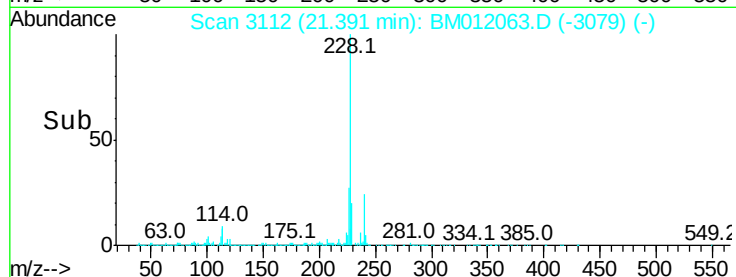
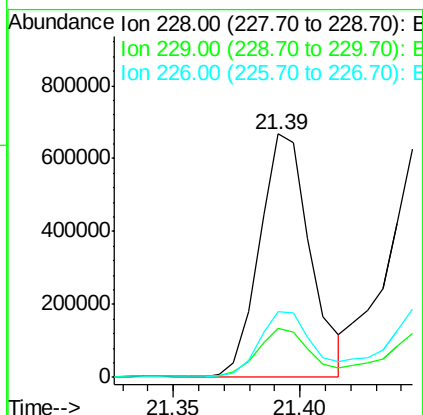
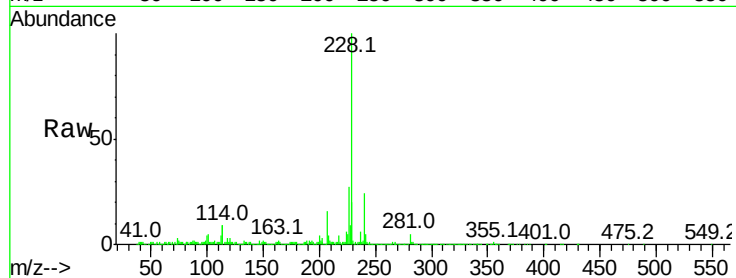
Tot Ion:228 Resp: 928876

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.4	23.0
226	27.0	21.4	32.0

228 100

229 20.3 15.4 23.0

226 27.0 21.4 32.0



#81

Bis(2-ethylhexyl)phthalate

Concen: 2.644 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM012063.D

Acq: 11 Oct 2017 03:51

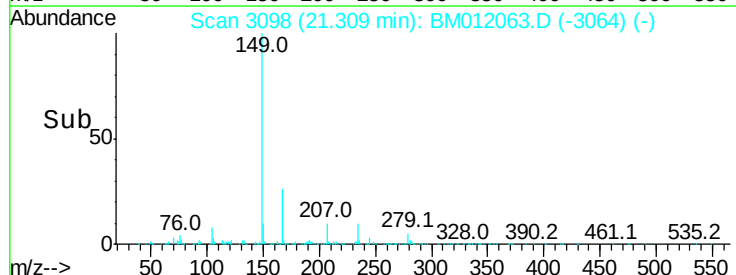
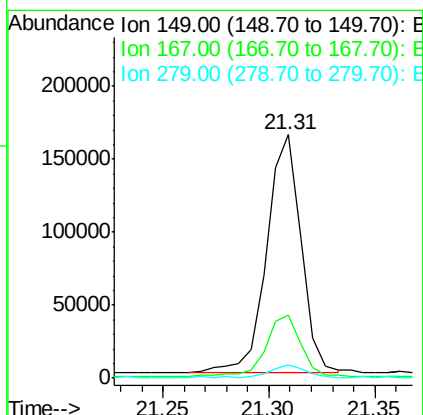
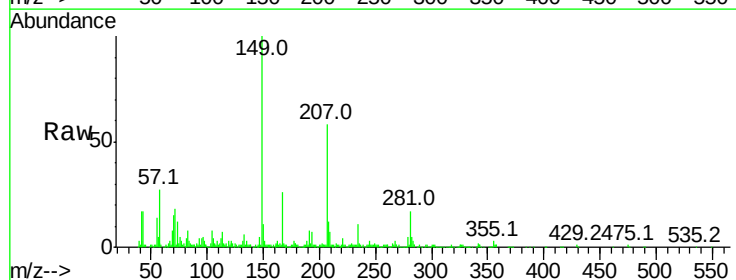
Tgt Ion:149 Resp: 183978

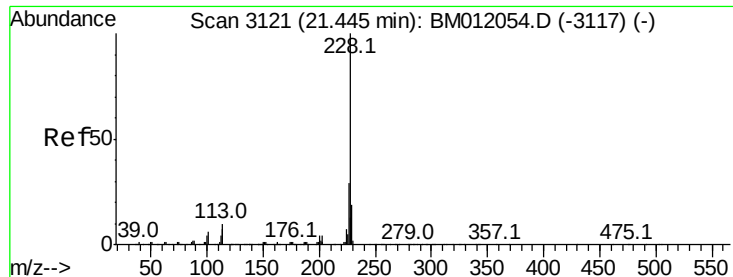
Ion	Ratio	Lower	Upper
149	100		
167	26.1	22.8	34.2
279	5.3	4.9	7.3

149 100

167 26.1 22.8 34.2

279 5.3 4.9 7.3

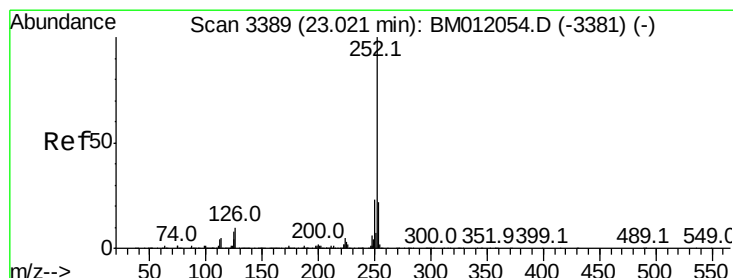
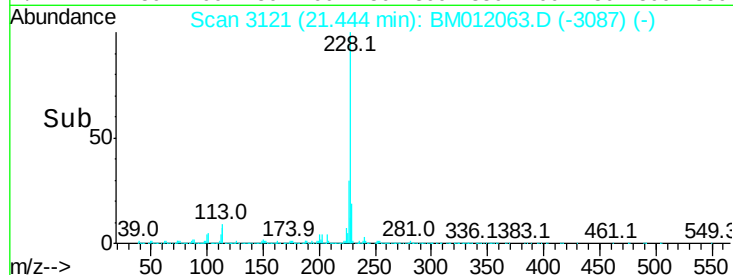
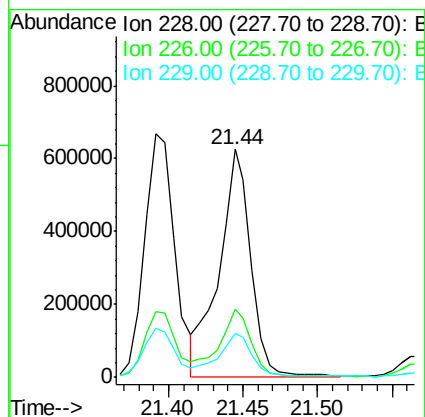
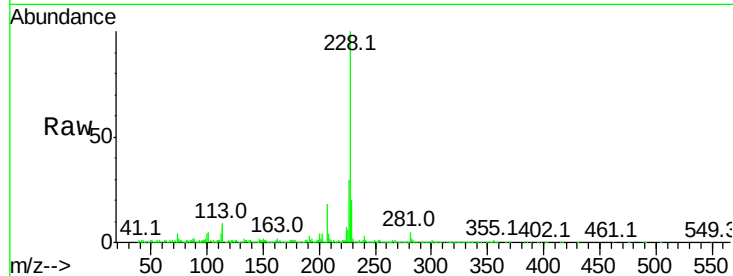




#82
Chrysene
Concen: 7.918 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. -0.00 min
Lab File: BM012063.D
Acq: 11 Oct 2017 03:51

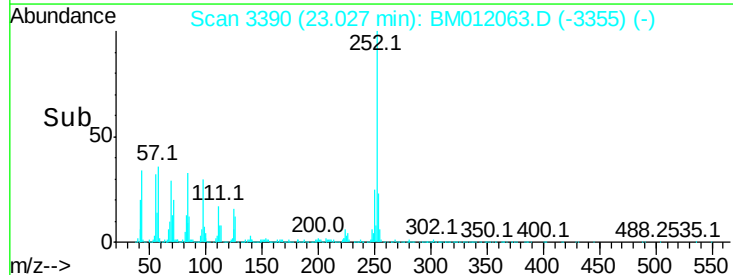
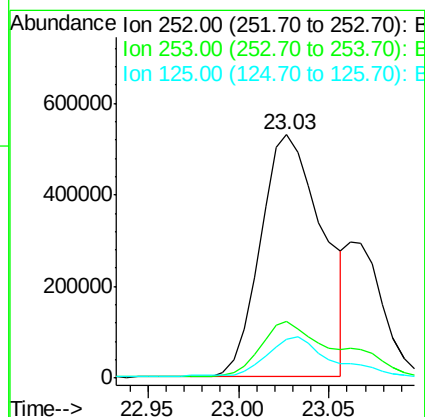
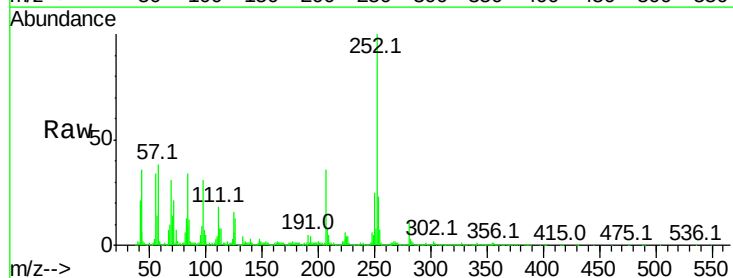
Instrument :
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ClientSampled :

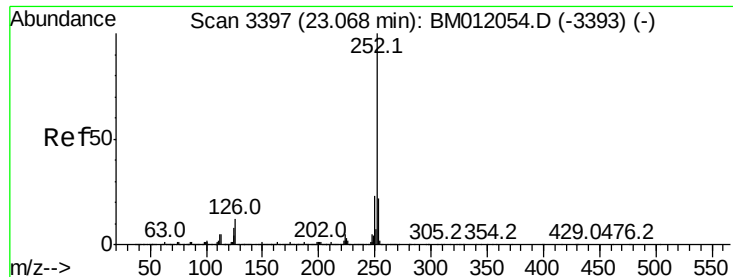
Tot Ion:228 Resp: 927962
Ion Ratio Lower Upper
228 100
226 30.2 23.4 35.2
229 19.6 15.5 23.3



#85
Benzo(b)fluoranthene
Concen: 10.821 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012063.D
Acq: 11 Oct 2017 03:51

Tgt Ion:252 Resp: 1266661
Ion Ratio Lower Upper
252 100
253 23.1 17.9 26.9
125 16.1 3.6 5.4#

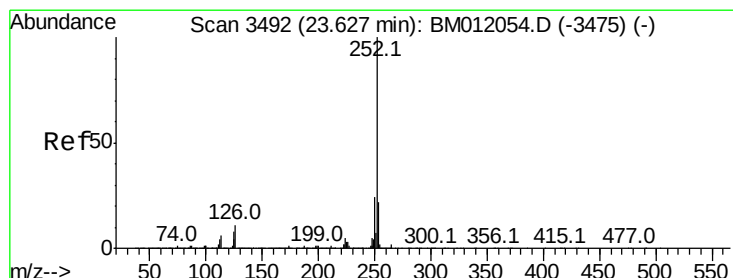
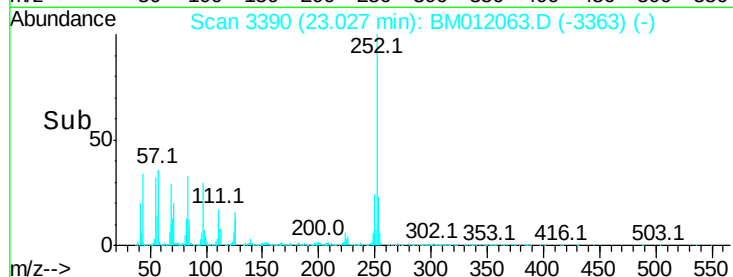
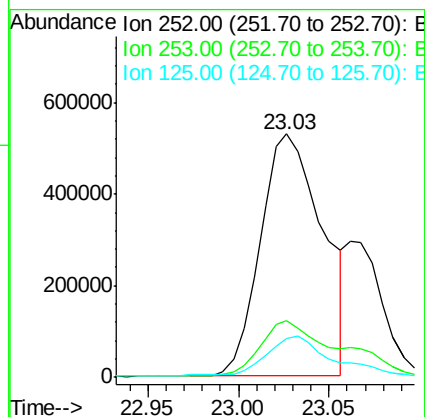
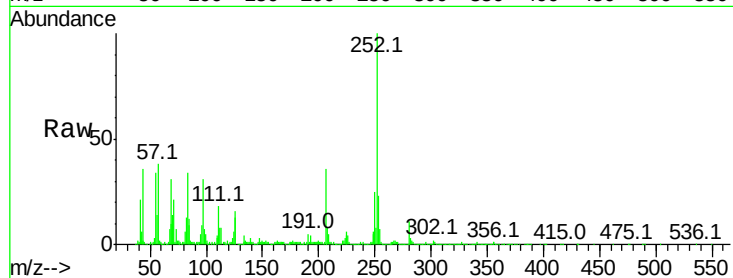




#86
Benzo(k)fluoranthene
Concen: 10.839 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.04 min
Lab File: BM012063.D
Acq: 11 Oct 2017 03:51

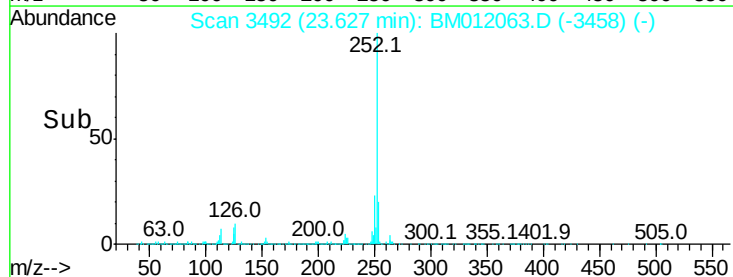
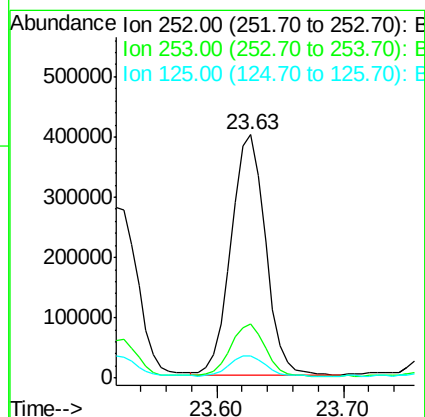
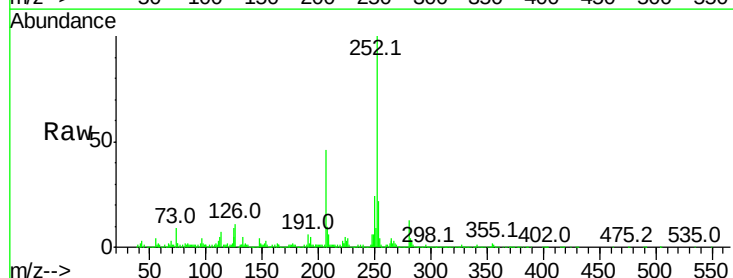
Instrument :
BNA_M
ClientSampleId :

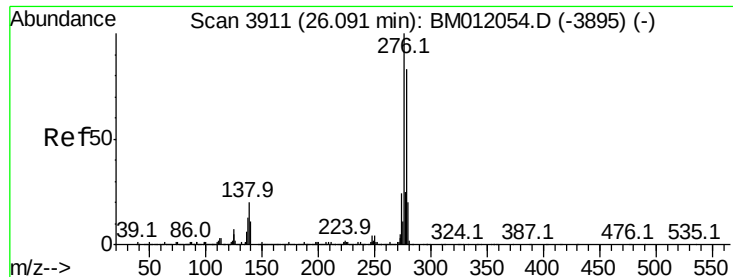
Tot Ion:252 Resp: 1266661
Ion Ratio Lower Upper
252 100
253 23.1 17.1 25.7
125 16.1 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 6.673 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BM012063.D
Acq: 11 Oct 2017 03:51

Tgt Ion:252 Resp: 750538
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.2
125 9.2 4.0 6.0#



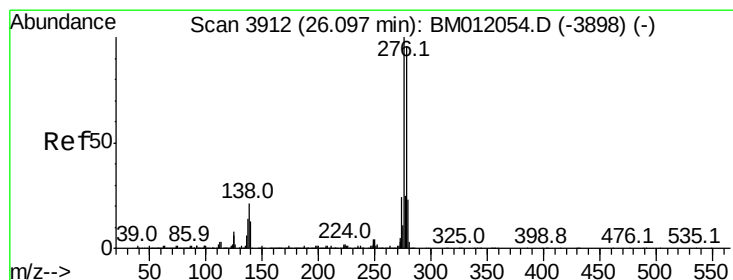
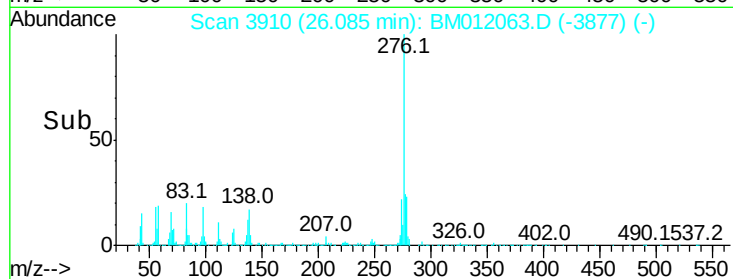
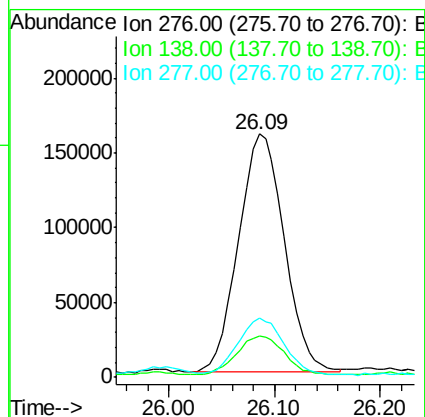
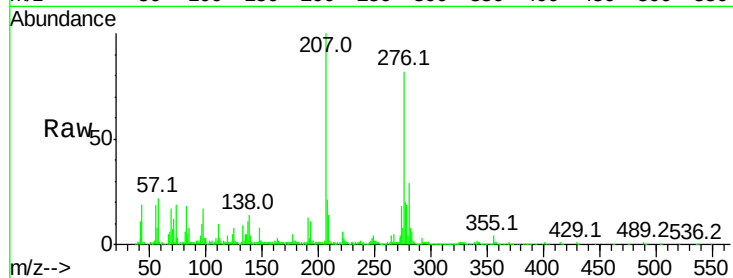


#89

Indeno(1,2,3-cd)pyrene
Concen: 3.976 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM012063.D
Acq: 11 Oct 2017 03:51

Instrument :
BNA_M
ClientSampleId :

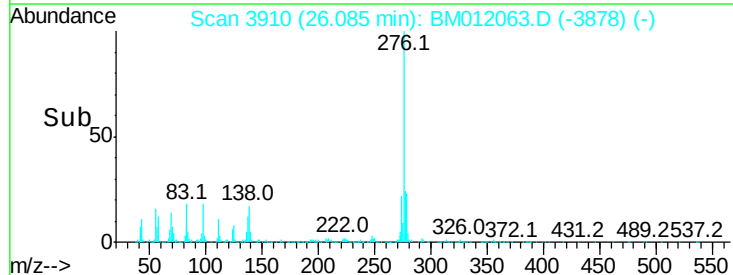
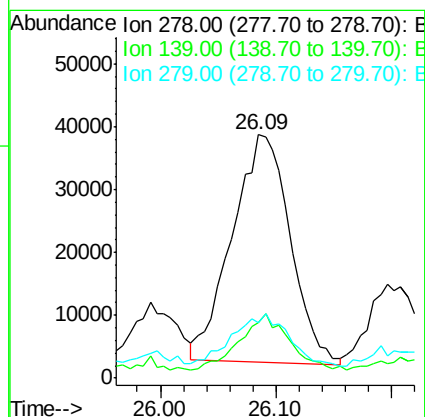
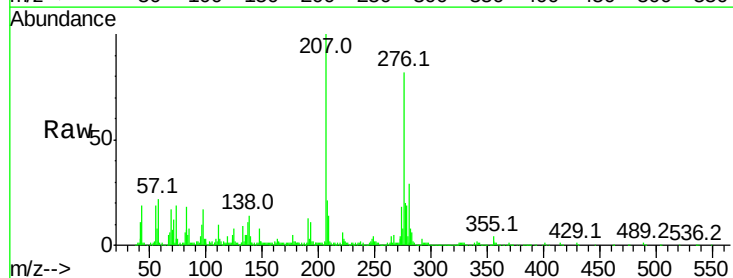
Tot Ion	Ratio	Lower	Upper
276	100		
138	17.1	9.3	13.9#
277	24.3	19.9	29.9

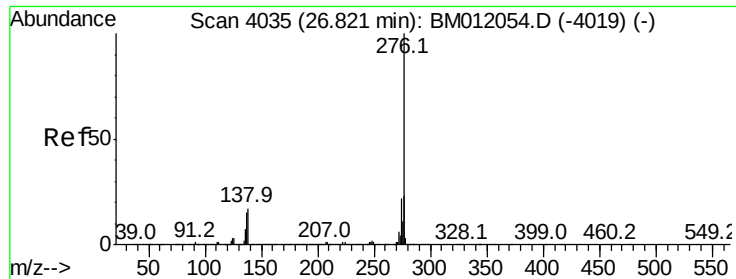


#90

Dibenzo(a,h)anthracene
Concen: 1.279 ng/ul
RT: 26.09 min Scan# 3910
Delta R.T. -0.01 min
Lab File: BM012063.D
Acq: 11 Oct 2017 03:51

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.9	5.8	8.8#
279	23.0	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 3.848 ng/ul

RT: 26.82 min Scan# 4035

Delta R.T. -0.00 min

Lab File: BM012063.D

Acq: 11 Oct 2017 03:51

Instrument :

BNA_M

ClientSampleId :

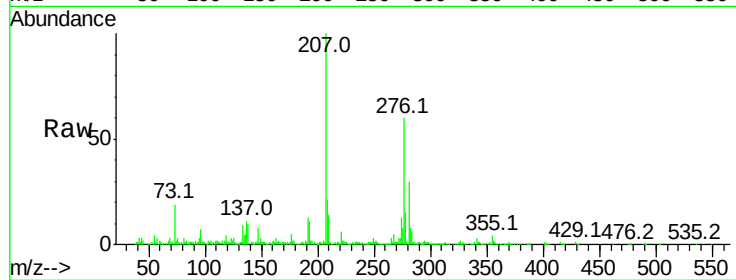
Tot Ion:276 Resp: 383131

Ion Ratio Lower Upper

276 100

138 17.2 8.5 12.7#

277 25.3 18.6 28.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

