

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102717\
 Data File : BM012481.D
 Acq On : 27 Oct 2017 11:56
 Operator : SJ/JU
 Sample : I5873-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 28 00:15:47 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 09:35:31 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.88	152	527054	20.00	ng/ul	0.00
18) Naphthalene-d8	10.66	136	1973675	20.00	ng/ul	-0.01
35) Acenaphthene-d10	14.50	164	1085817	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	2246163	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2332398	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	2635984	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	54027	5.24	ng/uL	0.00
5) Phenol-d5	7.04	99	855015	19.42	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.20	67	645208	24.68	ng/ul	0.00
9) 2-Chlorophenol-d4	7.41	132	462858	14.04	ng/ul	0.00
13) 4-Methylphenol-d8	8.58	113	702553	18.67	ng/ul	-0.01
19) Nitrobenzene-d5	9.03	128	384128	31.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.75	143	154046	12.10	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	10.29	165	235602	6.98	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.80	131	669696	18.83	ng/ul	0.00
43) Dimethylphthalate-d6	13.91	166	2396786	25.27	ng/ul	0.00
46) Acenaphthylene-d8	14.20	160	2872895	25.61	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	3077	0.22	ng/ul	0.00
57) Fluorene-d10	15.49	176	1991341	24.80	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.60	200	6478	0.60	ng/ul	-0.02
70) Anthracene-d10	17.34	188	2836942	26.50	ng/ul	-0.01
76) Pyrene-d10	19.63	212	3030528	28.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	3346729	26.72	ng/ul	0.00

Target Compounds

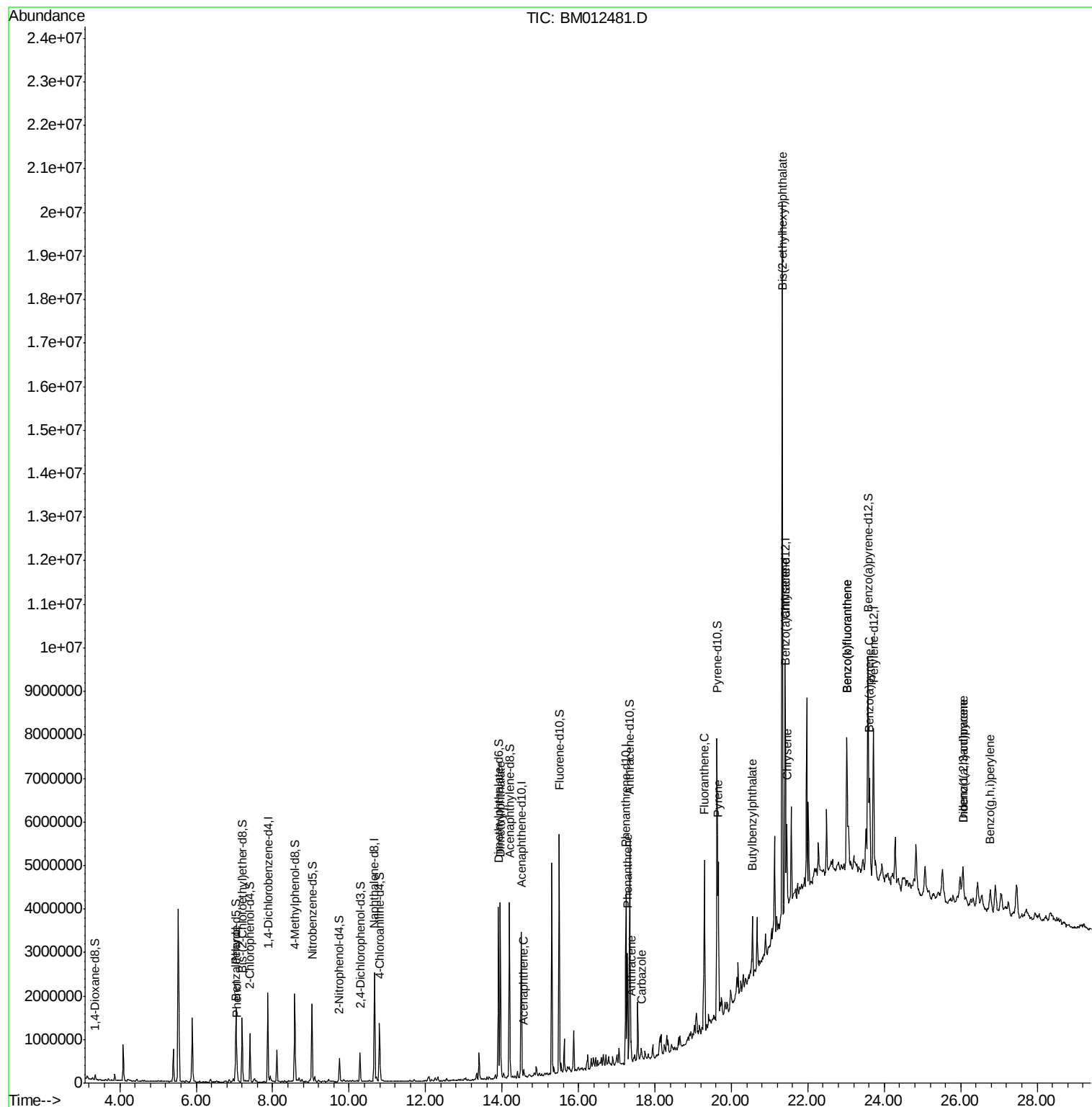
						Ovalue
4) Benzaldehyde	7.02	77	36651	1.53	ng/ul#	71
6) Phenol	7.07	94	169778	3.70	ng/ul#	85
44) Dimethylphthalate	13.96	163	2377058	25.33	ng/ul	100
49) Acenaphthene	14.56	153	74802	1.02	ng/ul	99
69) Phenanthrene	17.29	178	1534400	12.63	ng/ul	99
71) Anthracene	17.37	178	300748	2.40	ng/ul	96
72) Carbazole	17.65	167	157708	1.52	ng/ul	97
74) Fluoranthene	19.30	202	2403268	17.46	ng/ul#	93
77) Pyrene	19.66	202	2018787	15.22	ng/ul#	92
78) Butylbenzylphthalate	20.55	149	148798	2.85	ng/ul	98
80) Benzo(a)anthracene	21.40	228	1094402	7.84	ng/ul	96
81) Bis(2-ethylhexyl)phthalate	21.33	149	5232468	65.81	ng/ul	98
82) Chrysene	21.45	228	1151585	9.27	ng/ul	96
85) Benzo(b)fluoranthene	23.03	252	1637566	10.05	ng/ul#	89
86) Benzo(k)fluoranthene	23.03	252	1637566	10.68	ng/ul#	87
88) Benzo(a)pyrene	23.62	252	1020909	6.57	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	26.06	276	806195	4.41	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.06	278	211290	1.36	ng/ul#	70
91) Benzo(g,h,i)perylene	26.77	276	605846	4.09	ng/ul#	88

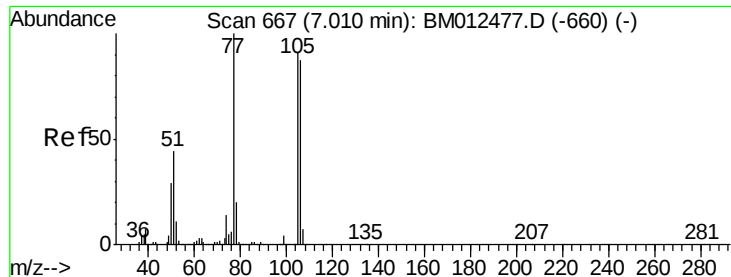
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.53 ng/ul

RT: 7.02 min Scan# 669

Delta R.T. 0.00 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

Instrument :

BNA_M

ClientSampleId :

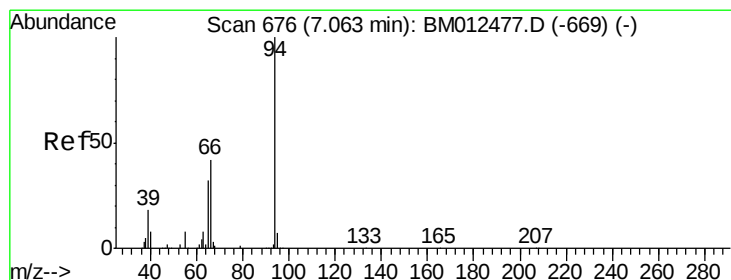
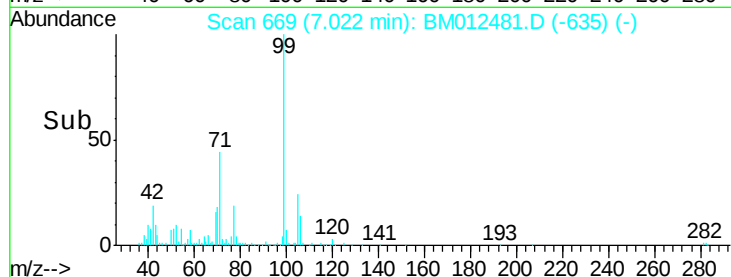
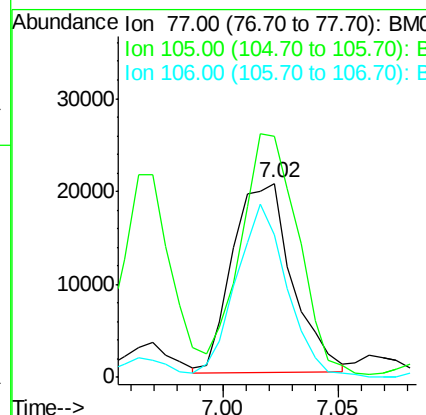
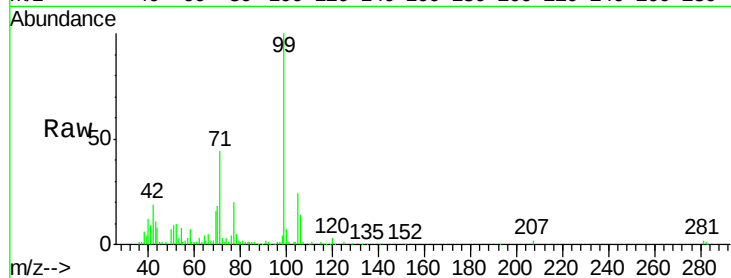
Tot Ion: 77 Resp: 36651

Ion Ratio Lower Upper

77 100

105 124.2 66.1 99.1#

106 73.5 67.8 101.6



#6

Phenol

Concen: 3.70 ng/ul

RT: 7.07 min Scan# 677

Delta R.T. -0.01 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

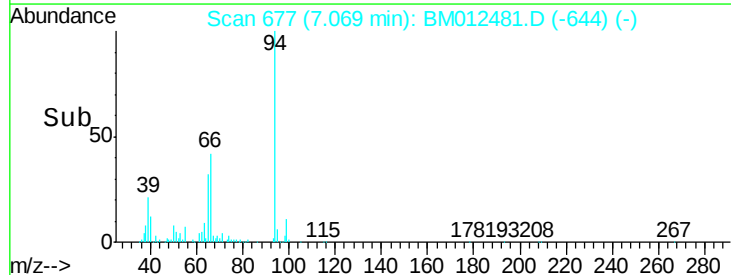
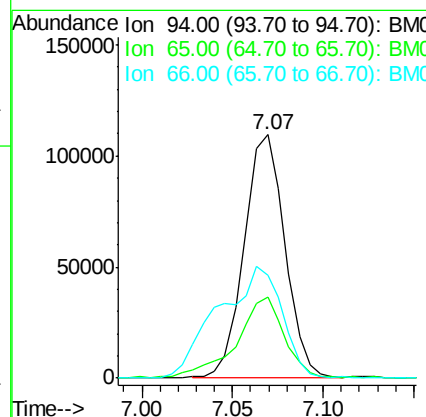
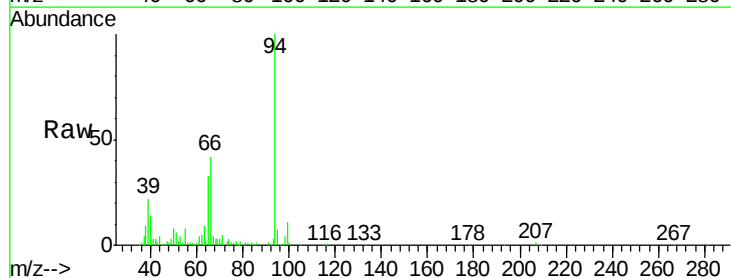
Tgt Ion: 94 Resp: 169778

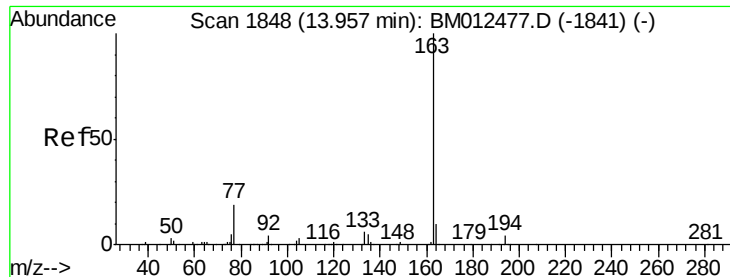
Ion Ratio Lower Upper

94 100

65 33.2 28.2 42.4

66 42.5 47.2 70.8#

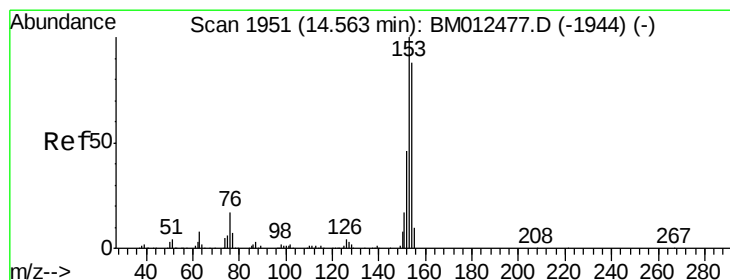
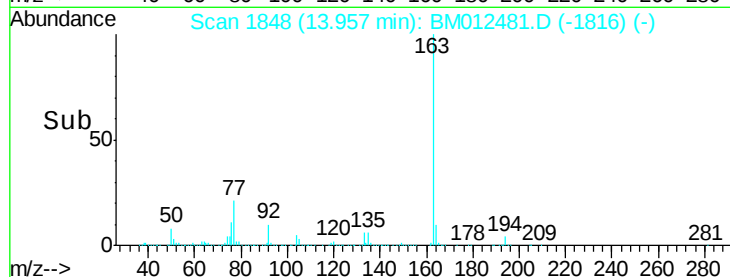
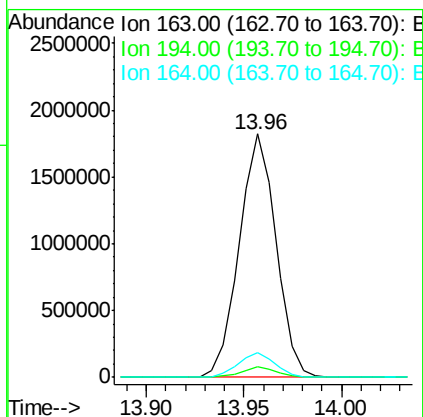
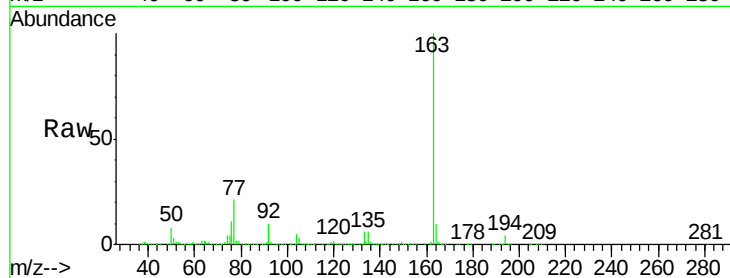




#44
Dimethylphthalate
Concen: 25.33 ng/ul
RT: 13.96 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM012481.D
Acq: 27 Oct 2017 11:56

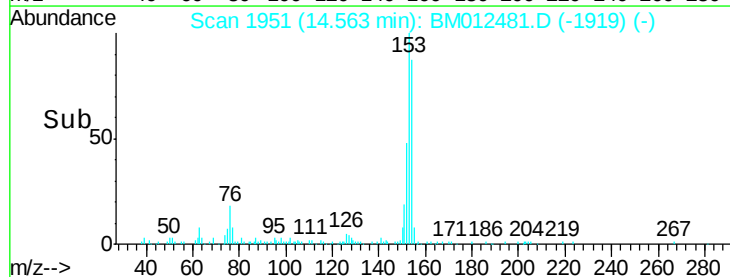
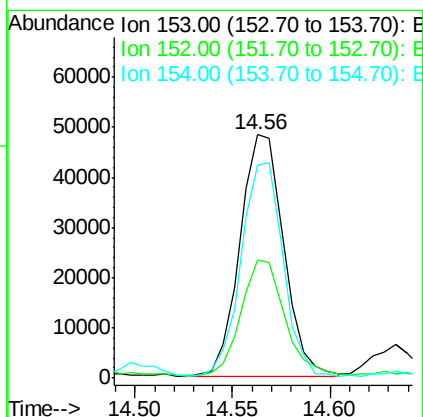
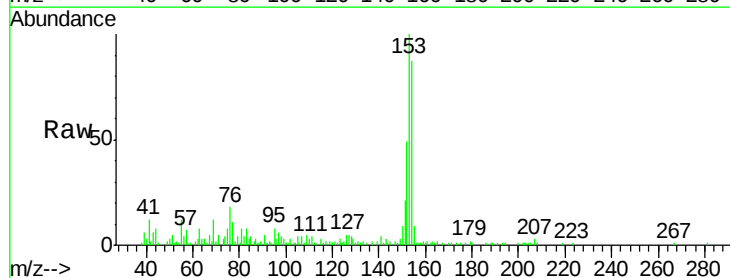
Instrument :
BNA_M
ClientSampled :

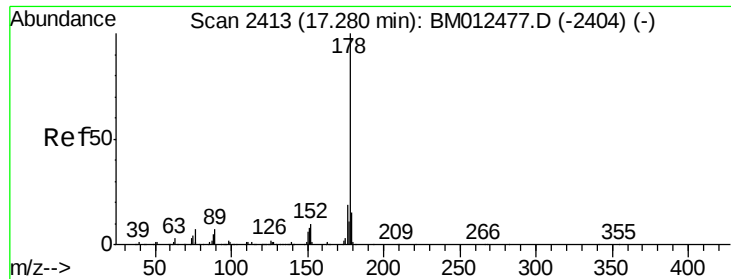
Tot Ion:163 Resp: 2377058
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.1 8.2 12.4



#49
Acenaphthene
Concen: 1.02 ng/ul
RT: 14.56 min Scan# 1951
Delta R.T. -0.01 min
Lab File: BM012481.D
Acq: 27 Oct 2017 11:56

Tgt Ion:153 Resp: 74802
Ion Ratio Lower Upper
153 100
152 48.6 37.6 56.4
154 87.4 70.4 105.6





#69

Phenanthrene

Concen: 12.63 ng/ul

RT: 17.29 min Scan# 2414

Delta R.T. -0.01 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

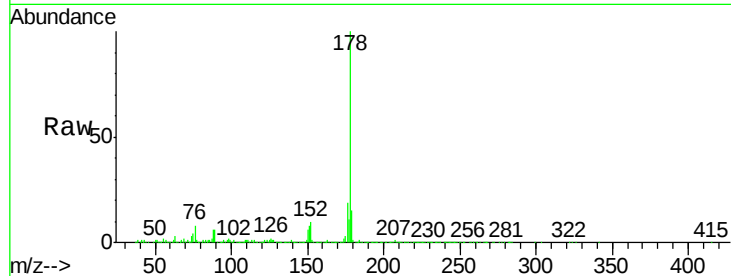
Instrument :

BNA_M

ClientSampled :

Tot Ion:178 Resp: 1534400

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.6	19.0
176	18.9	14.9	22.3

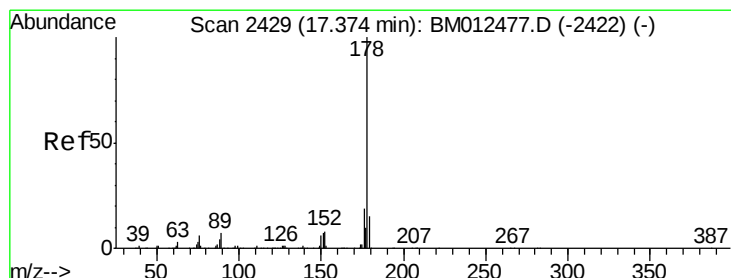
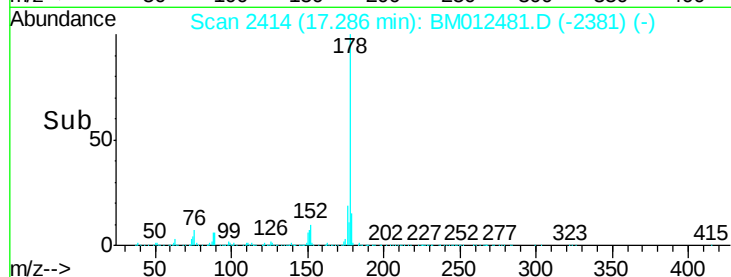
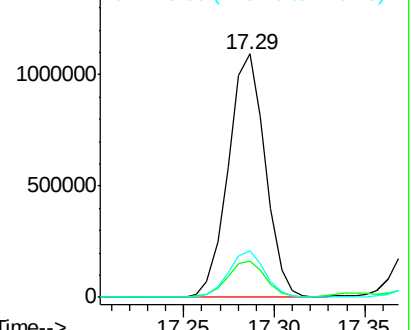


Abundance

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



#71

Anthracene

Concen: 2.40 ng/ul

RT: 17.37 min Scan# 2429

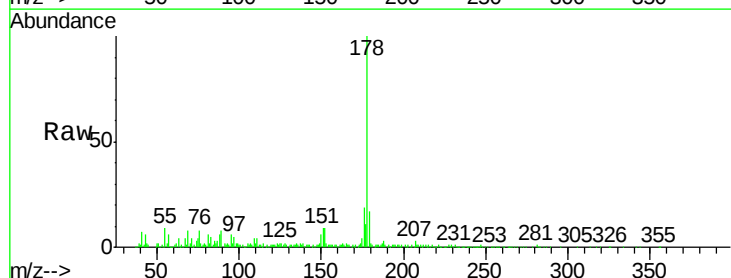
Delta R.T. -0.01 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

Tgt Ion:178 Resp: 300748

Ion	Ratio	Lower	Upper
178	100		
179	16.8	11.7	17.5
176	19.3	14.6	21.8

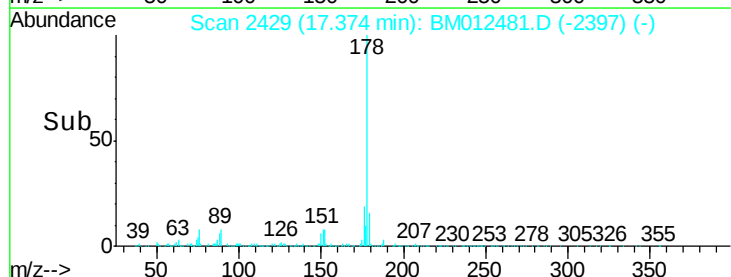
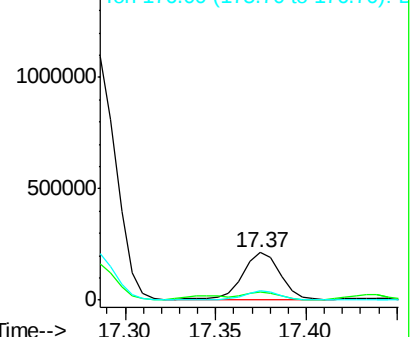


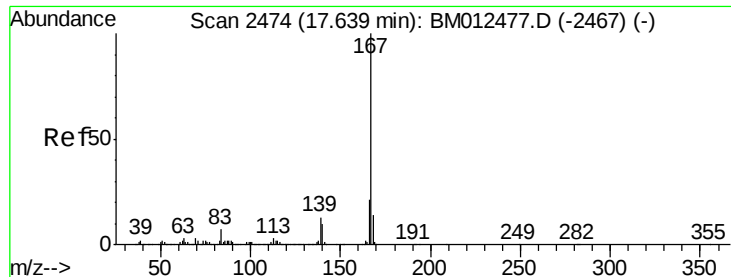
Abundance

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

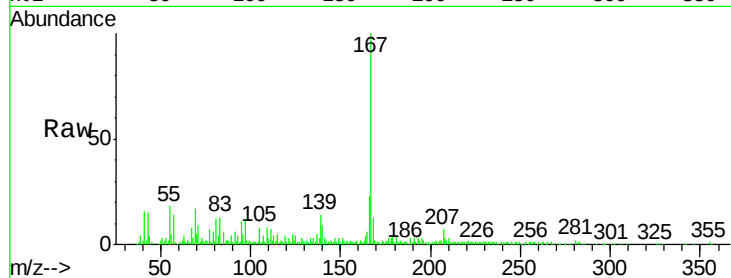




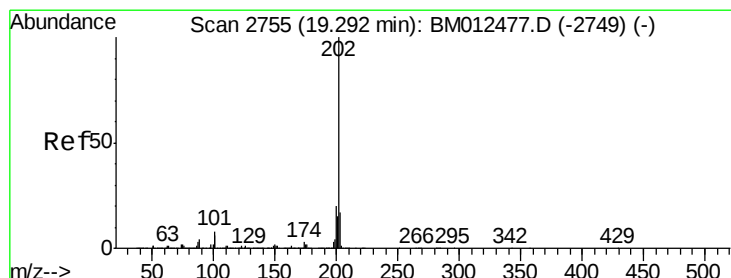
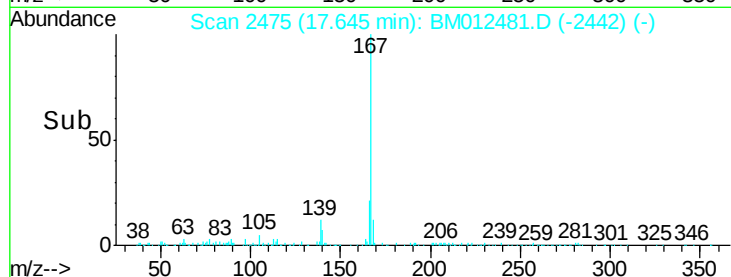
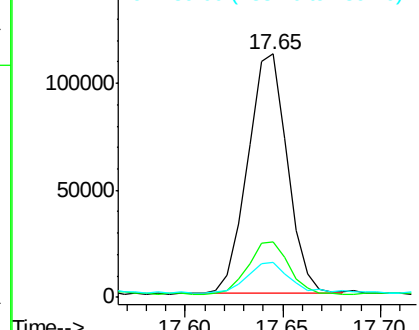
#72
 Carbazole
 Concen: 1.52 ng/ul
 RT: 17.65 min Scan# 2475
 Delta R.T. -0.01 min
 Lab File: BM012481.D
 Acq: 27 Oct 2017 11:56

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.1	25.7
139	14.2	10.0	15.0

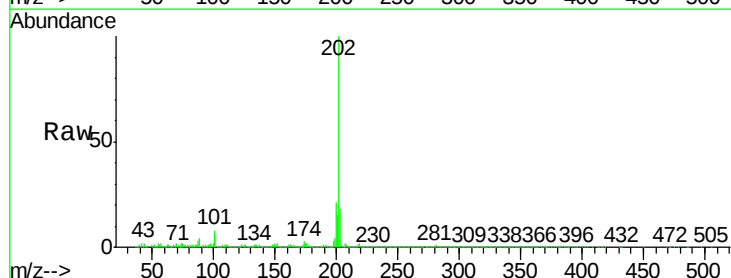


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

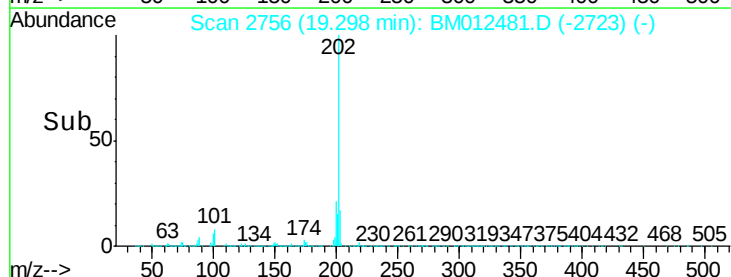
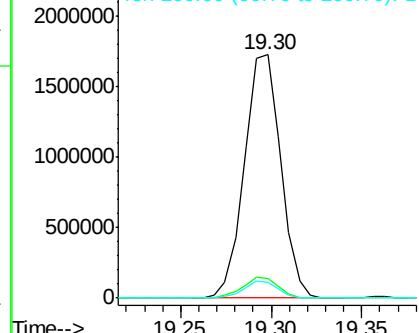


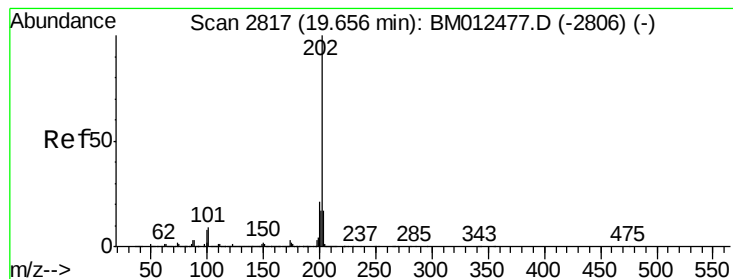
#74
 Fluoranthene
 Concen: 17.46 ng/ul
 RT: 19.30 min Scan# 2756
 Delta R.T. -0.01 min
 Lab File: BM012481.D
 Acq: 27 Oct 2017 11:56

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.1	4.6	7.0#
100	6.3	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: 15.22 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. -0.01 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

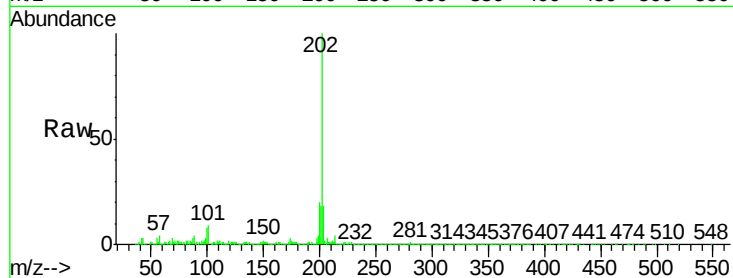
Instrument :

BNA_M

ClientSampleId :

Tot Ion:202 Resp: 2018787

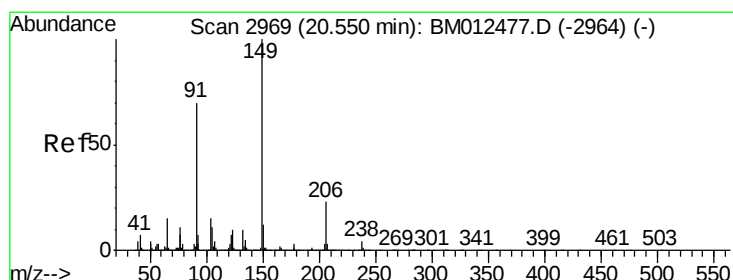
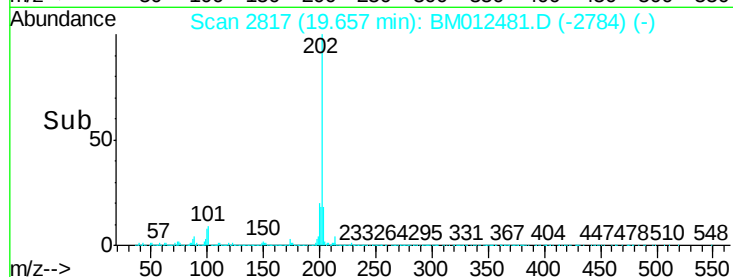
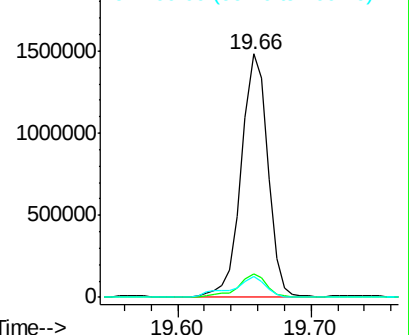
Ion	Ratio	Lower	Upper
202	100		
101	9.4	5.1	7.7#
100	8.4	4.9	7.3#



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



#78

Butylbenzylphthalate

Concen: 2.85 ng/ul

RT: 20.55 min Scan# 2969

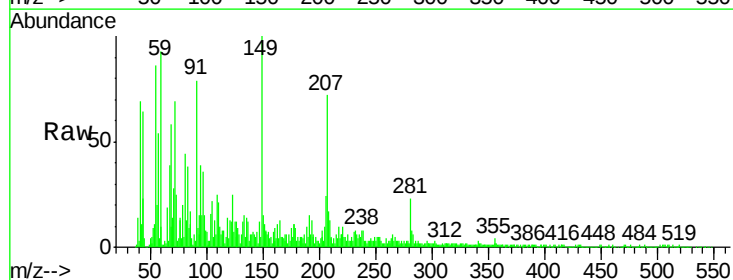
Delta R.T. -0.01 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

Tgt Ion:149 Resp: 148798

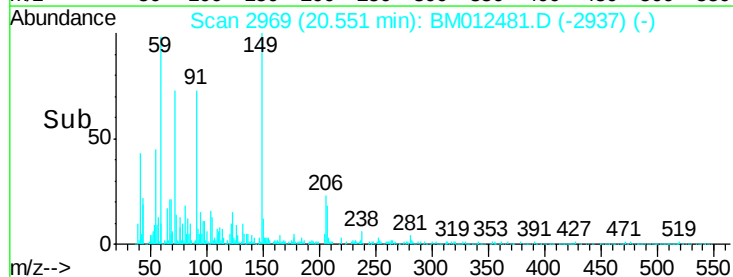
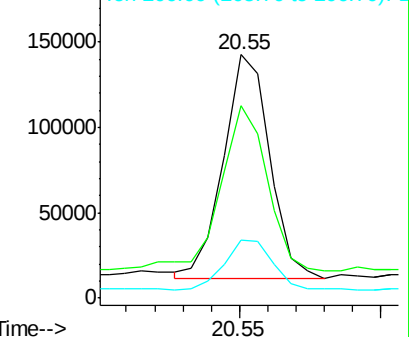
Ion	Ratio	Lower	Upper
149	100		
91	79.1	62.7	94.1
206	24.0	20.8	31.2

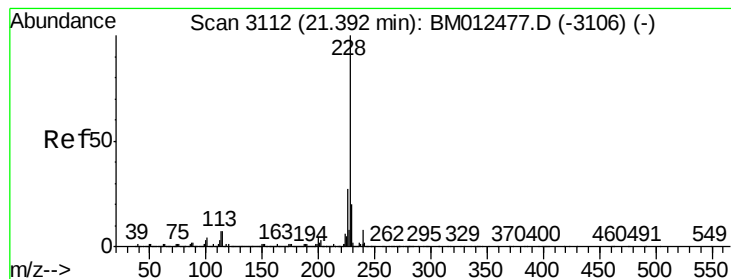


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#80

Benzo(a)anthracene

Concen: 7.84 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. -0.01 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

Instrument :

BNA_M

ClientSampled :

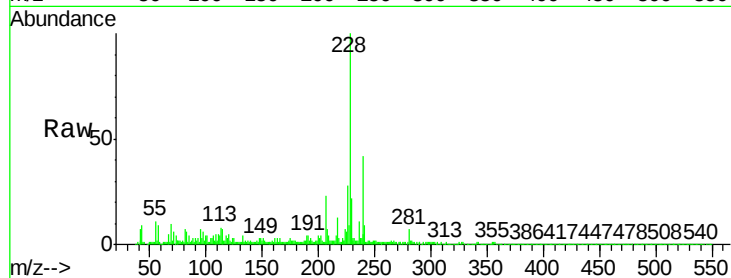
Tot Ion:228 Resp: 1094402

Ion Ratio Lower Upper

228 100

229 21.9 15.4 23.0

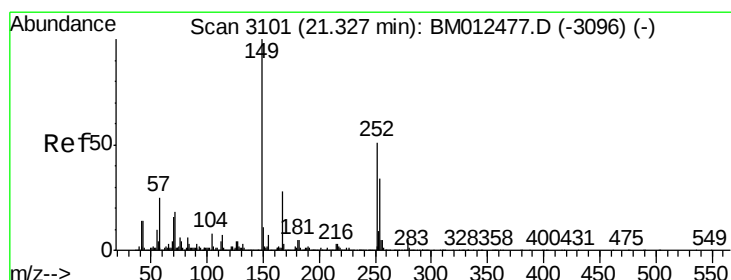
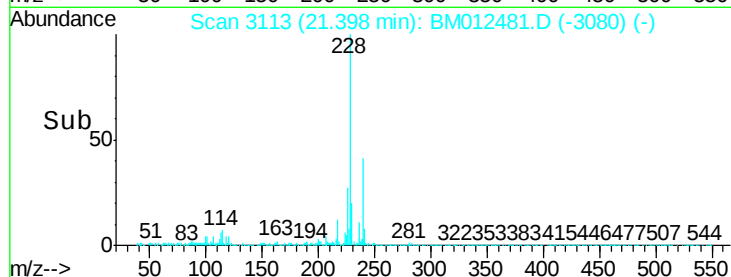
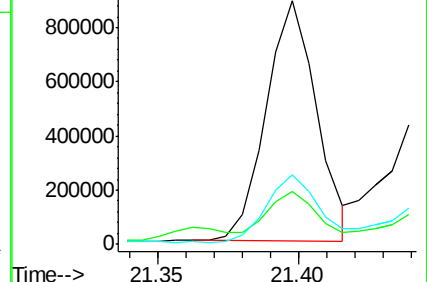
226 28.3 21.4 32.0



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



#81

Bis(2-ethylhexyl)phthalate

Concen: 65.81 ng/ul

RT: 21.33 min Scan# 3102

Delta R.T. -0.01 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

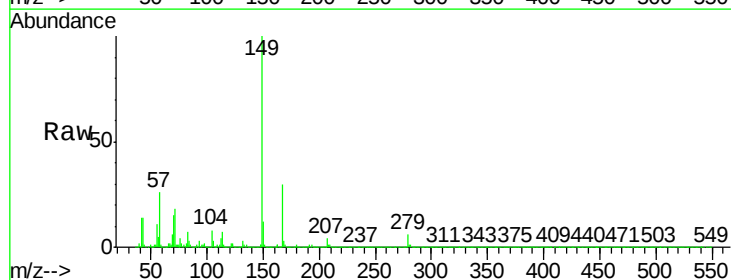
Tgt Ion:149 Resp: 5232468

Ion Ratio Lower Upper

149 100

167 29.8 22.8 34.2

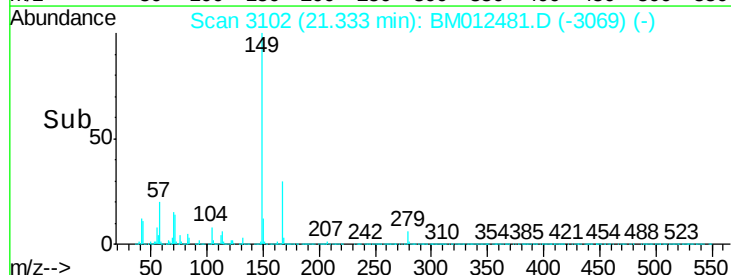
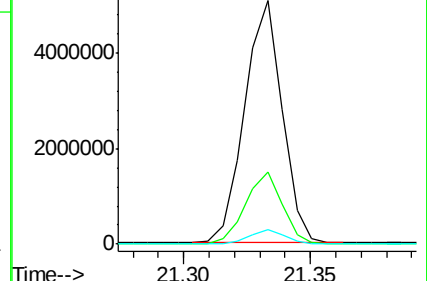
279 5.7 4.9 7.3

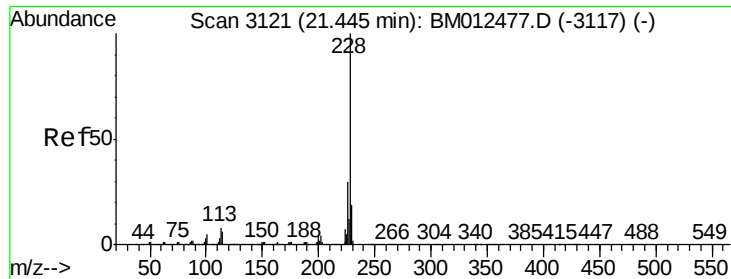


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

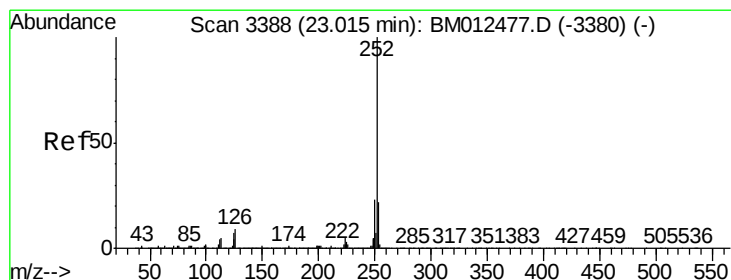
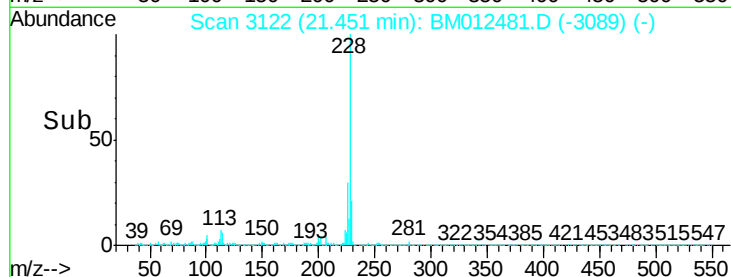
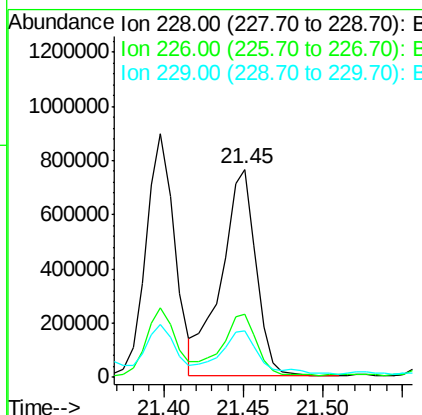
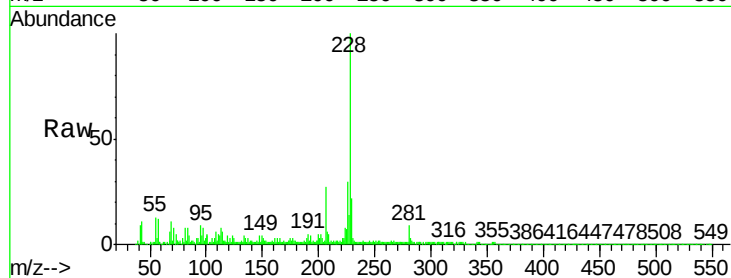




#82
Chrysene
Concen: 9.27 ng/ul
RT: 21.45 min Scan# 3122
Delta R.T. -0.01 min
Lab File: BM012481.D
Acq: 27 Oct 2017 11:56

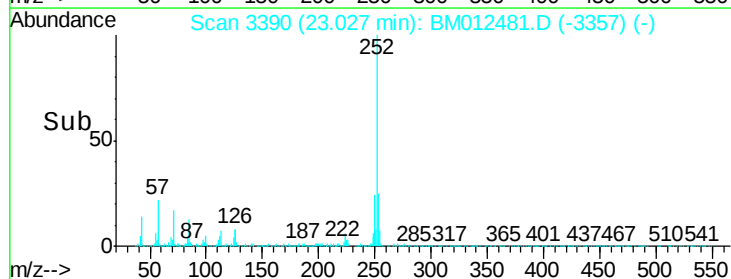
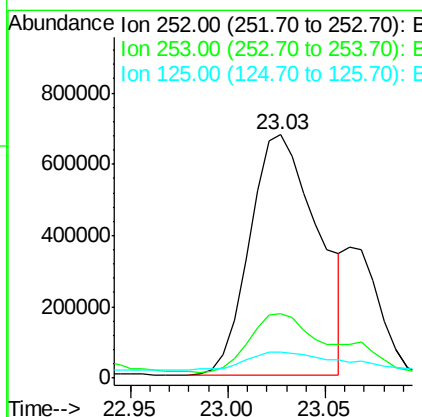
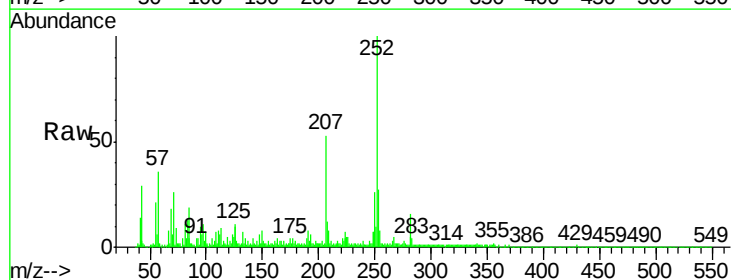
Instrument :
BNA_M
ClientSampleId :

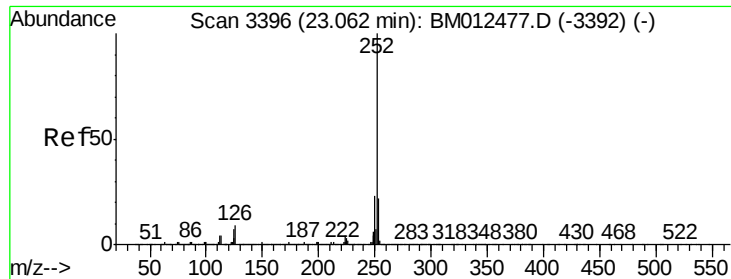
Tot Ion:228 Resp: 1151585
Ion Ratio Lower Upper
228 100
226 30.2 23.4 35.2
229 22.5 15.5 23.3



#85
Benzo(b)fluoranthene
Concen: 10.05 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.01 min
Lab File: BM012481.D
Acq: 27 Oct 2017 11:56

Tgt Ion:252 Resp: 1637566
Ion Ratio Lower Upper
252 100
253 26.6 17.9 26.9
125 10.9 3.6 5.4#

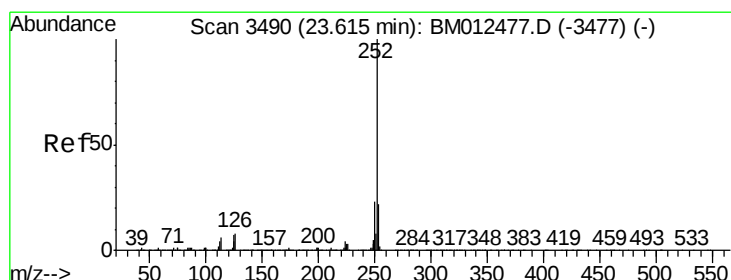
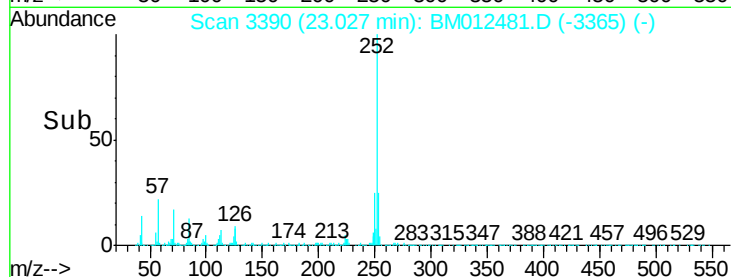
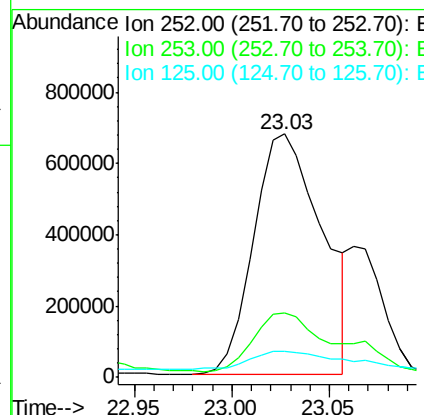
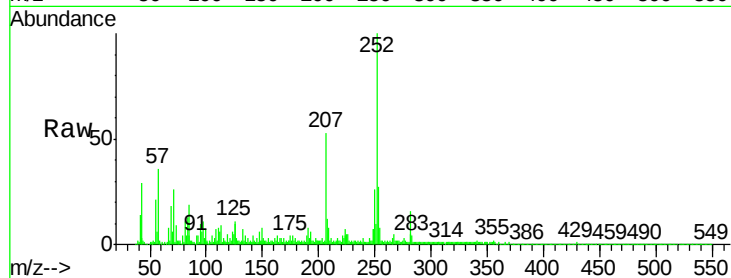




#86
Benzo(k)fluoranthene
Concen: 10.68 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.05 min
Lab File: BM012481.D
Acq: 27 Oct 2017 11:56

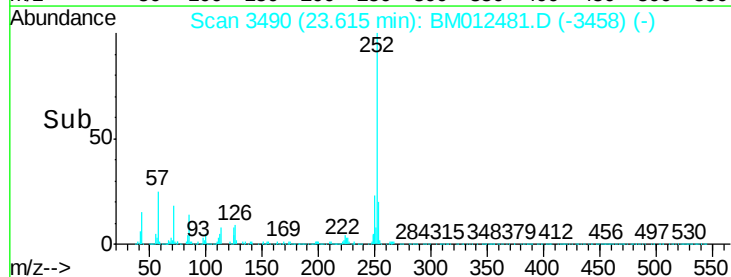
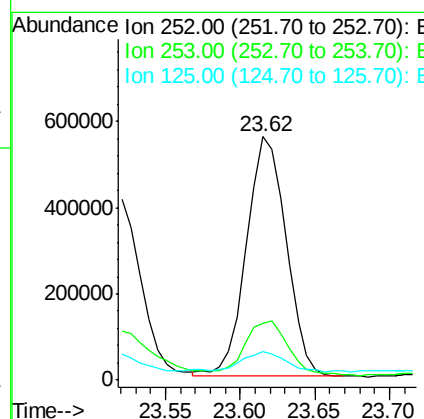
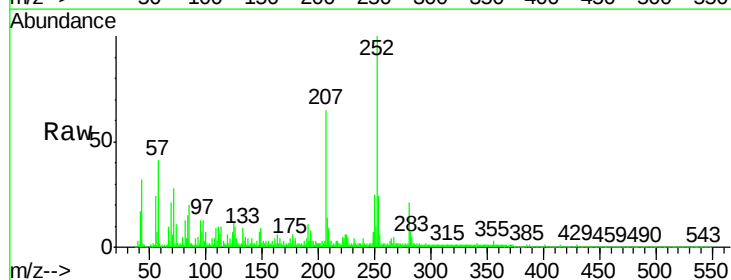
Instrument :
BNA_M
ClientSampled :

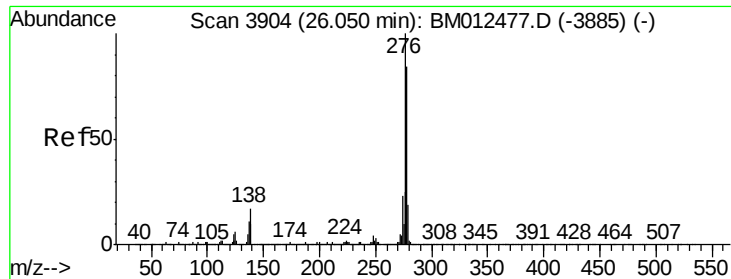
Tot Ion:252 Resp: 1637566
Ion Ratio Lower Upper
252 100
253 26.6 17.1 25.7#
125 10.9 3.4 5.2#



#88
Benzo(a)pyrene
Concen: 6.57 ng/ul
RT: 23.62 min Scan# 3490
Delta R.T. -0.01 min
Lab File: BM012481.D
Acq: 27 Oct 2017 11:56

Tgt Ion:252 Resp: 1020909
Ion Ratio Lower Upper
252 100
253 23.6 18.2 27.2
125 11.7 4.0 6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 4.41 ng/ul

RT: 26.06 min Scan# 3905

Delta R.T. -0.02 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

Instrument :

BNA_M

ClientSampleId :

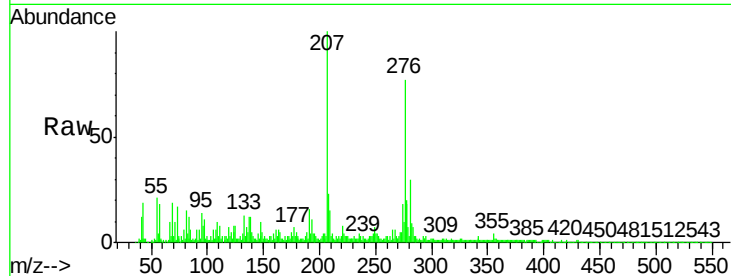
Tot Ion:276 Resp: 806195

Ion Ratio Lower Upper

276 100

138 15.5 9.3 13.9#

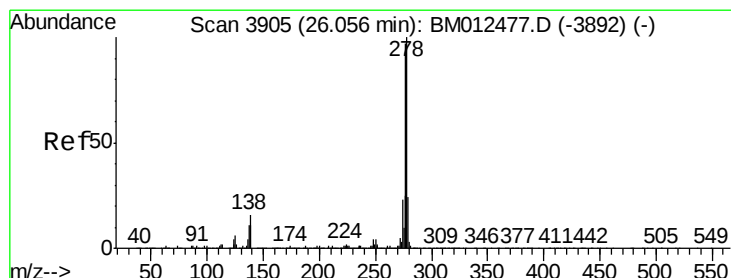
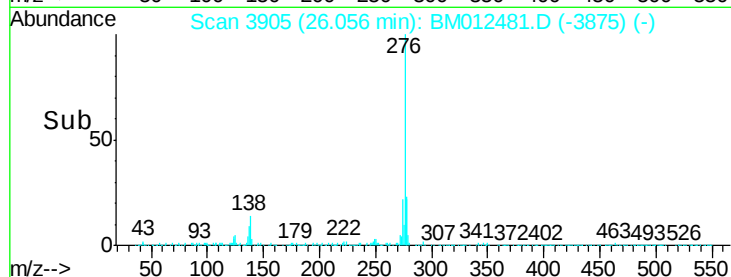
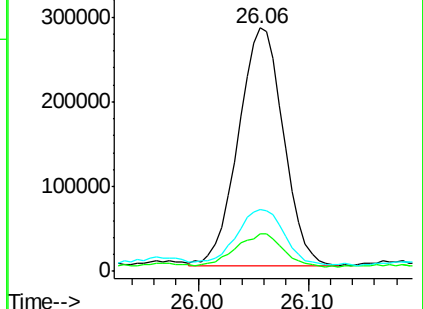
277 25.6 19.9 29.9



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



#90

Dibenzo(a,h)anthracene

Concen: 1.36 ng/ul

RT: 26.06 min Scan# 3906

Delta R.T. -0.03 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

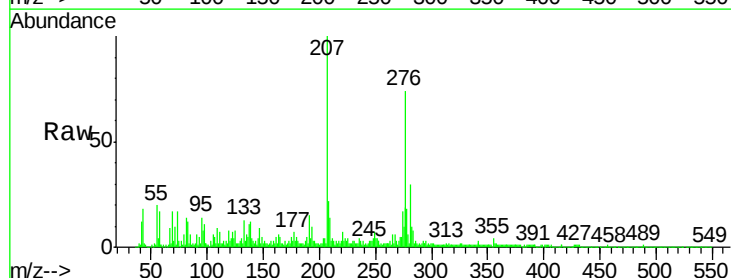
Tgt Ion:278 Resp: 211290

Ion Ratio Lower Upper

278 100

139 23.6 5.8 8.8#

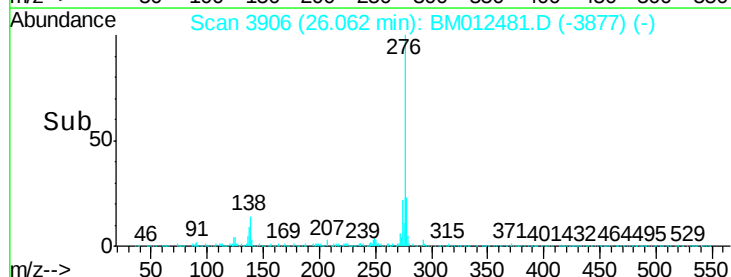
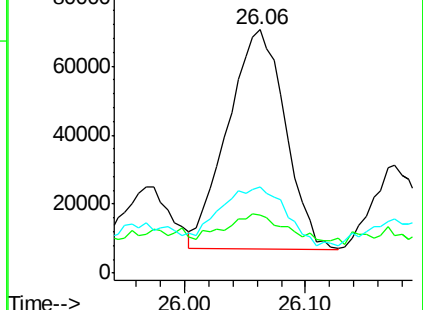
279 35.2 18.6 27.8#

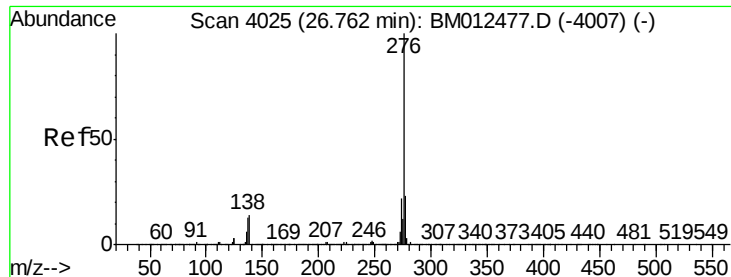


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 4.09 ng/ul

RT: 26.77 min Scan# 4027

Delta R.T. -0.02 min

Lab File: BM012481.D

Acq: 27 Oct 2017 11:56

Instrument :

BNA_M

ClientSampleId :

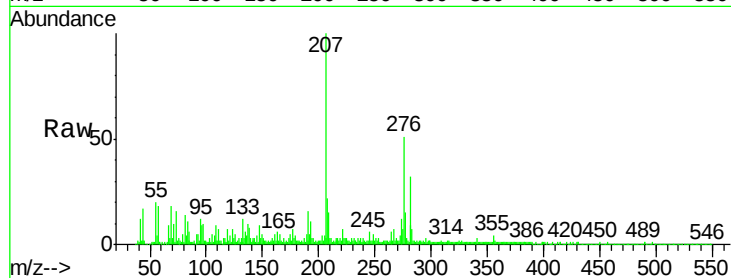
Tot Ion: 276 Resp: 605846

Ion Ratio Lower Upper

276 100

138 16.4 8.5 12.7#

277 28.4 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

