

Data Path : Z:\HPCHEM1\BNA M\DATA\BM111317\
 Data File : BM012948.D
 Acq On : 13 Nov 2017 23:08
 Operator : SJ/JU
 Sample : I6363-09
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Nov 14 04:24:00 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 04:22:37 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	95370	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	370651	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	221460	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	520183	20.00	ng/ul	0.00
77) Chrysene-d12	21.35	240	647546	20.00	ng/ul	0.00
85) Perylene-d12	23.63	264	719922	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	5892	3.34	ng/uL	0.00
5) Phenol-d5	6.96	99	109161	15.38	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	63824	16.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	92538	15.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	88614	14.47	ng/ul	0.00
19) Nitrobenzene-d5	8.94	128	43205	15.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	49170	15.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	93457	14.55	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	78454	12.66	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	299520	16.34	ng/ul	0.00
46) Acenaphthylene-d8	14.11	160	361061	15.93	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	29140	9.92	ng/ul	0.01
57) Fluorene-d10	15.42	176	264312	16.84	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	30062	8.75	ng/ul	0.00
70) Anthracene-d10	17.27	188	417581	16.61	ng/ul	0.00
78) Pyrene-d10	19.56	212	466321	15.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	552961	16.24	ng/ul	0.00

Target Compounds

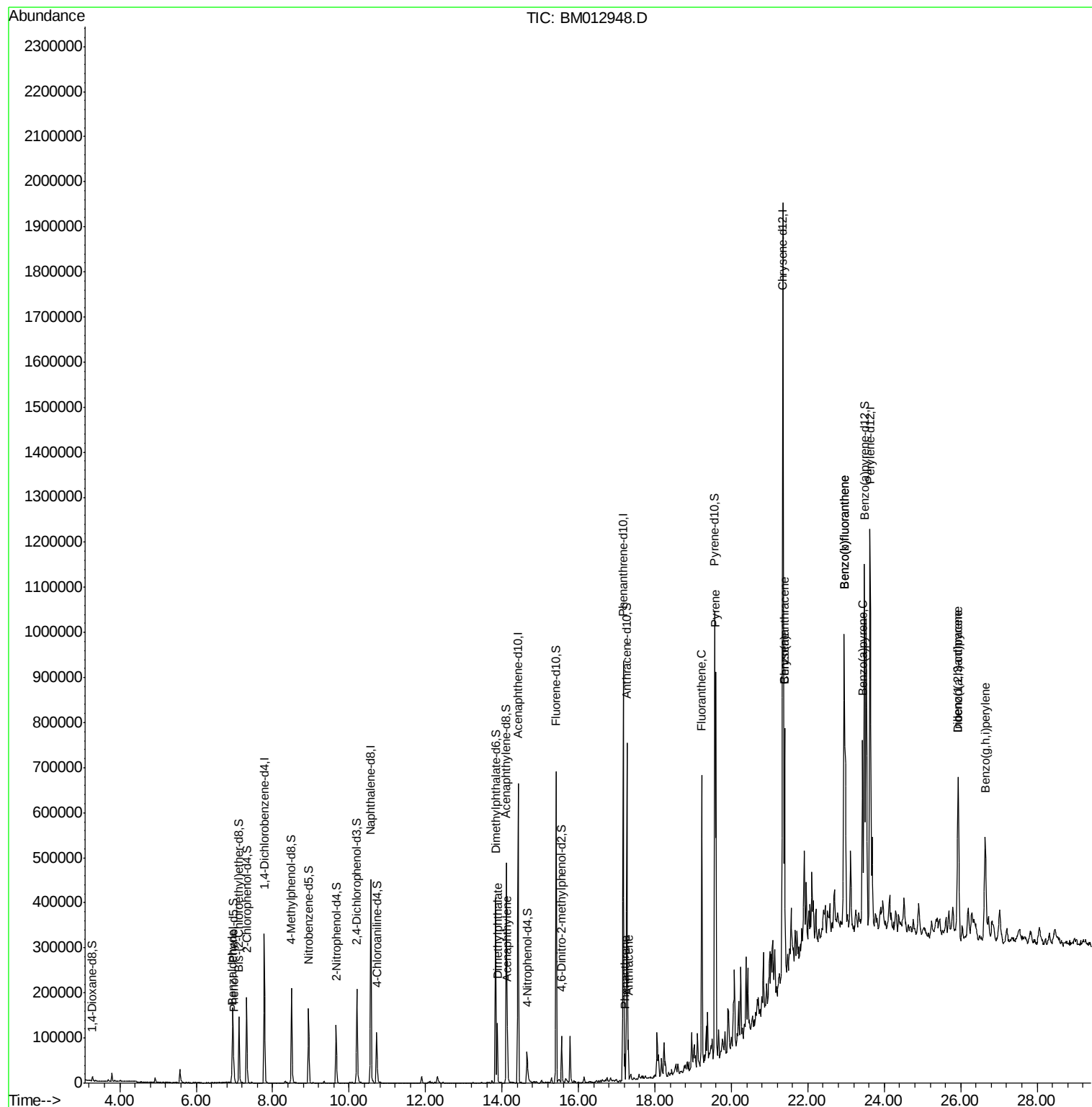
					Ovalue
4) Benzaldehyde	6.94	77	11976	3.17	ng/ul 94
6) Phenol	6.99	94	17646	2.42	ng/ul 93
44) Dimethylphthalate	13.88	163	85850	4.72	ng/ul# 97
47) Acenaphthylene	14.14	152	92982	4.23	ng/ul 99
69) Phenanthrene	17.21	178	39479	1.39	ng/ul 98
71) Anthracene	17.30	178	59863	2.03	ng/ul 99
76) Fluoranthene	19.23	202	368119	10.77	ng/ul 97
79) Pyrene	19.59	202	503007	13.02	ng/ul 96
82) Benzo(a)anthracene	21.39	228	328705	8.39	ng/ul 95
84) Chrysene	21.39	228	328705	9.26	ng/ul 97
87) Benzo(b)fluoranthene	22.95	252	589281	13.39	ng/ul# 97
88) Benzo(k)fluoranthene	22.95	252	589281	14.09	ng/ul 97
90) Benzo(a)pyrene	23.43	252	303989	7.26	ng/ul 98
91) Indeno(1,2,3-cd)pyrene	25.93	276	353706	7.01	ng/ul# 87
92) Dibenzo(a,h)anthracene	25.93	278	94105	2.20	ng/ul# 74
93) Benzo(g,h,i)perylene	26.64	276	291620	7.01	ng/ul# 91

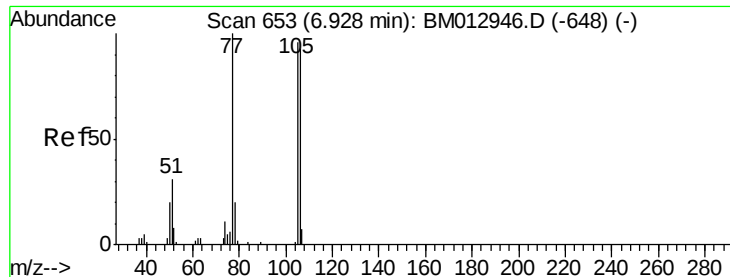
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 14 04:24:00 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 14 04:22:37 2017
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 3.17 ng/ul

RT: 6.94 min Scan# 655

Delta R.T. 0.01 min

Lab File: BM012948.D

Acq: 13 Nov 2017 23:08

Instrument :

BNA_M

ClientSampled :

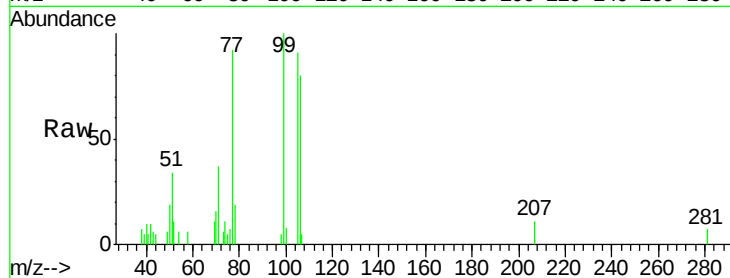
Tot Ion: 77 Resp: 11976

Ion Ratio Lower Upper

77 100

105 98.4 80.6 120.8

106 86.7 77.7 116.5



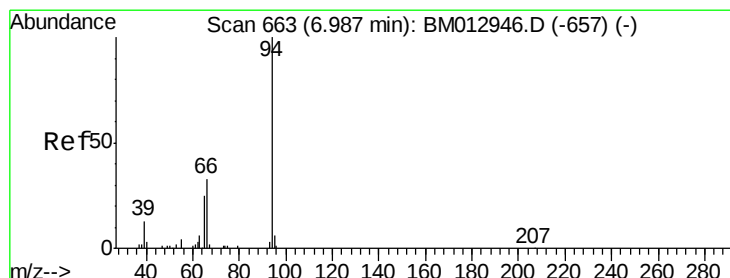
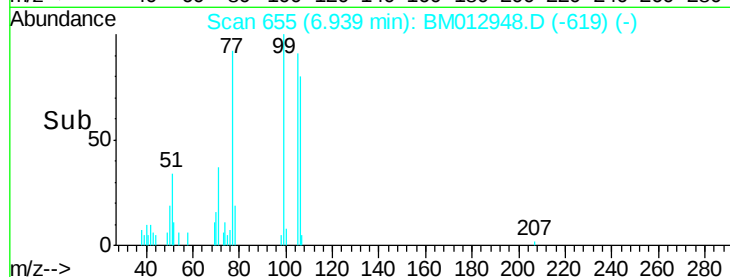
Abundance Ion 77.00 (76.70 to 77.70): BM012948.D (-653) (-)

Ion 105.00 (104.70 to 105.70): BM012948.D (-653) (-)

Ion 106.00 (105.70 to 106.70): BM012948.D (-653) (-)

6.94

Time-->



#6

Phenol

Concen: 2.42 ng/ul

RT: 6.99 min Scan# 663

Delta R.T. -0.00 min

Lab File: BM012948.D

Acq: 13 Nov 2017 23:08

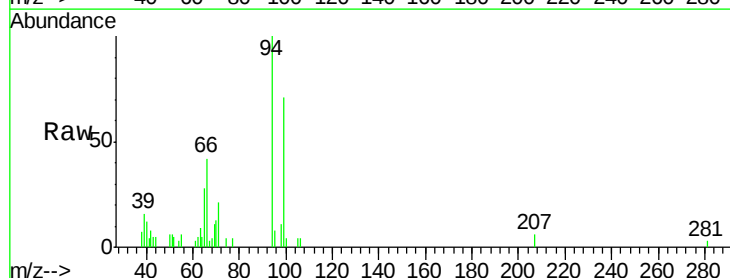
Tgt Ion: 94 Resp: 17646

Ion Ratio Lower Upper

94 100

65 28.1 21.0 31.6

66 42.3 29.3 43.9



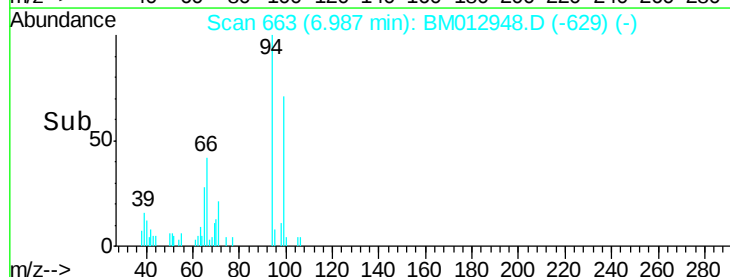
Abundance Ion 94.00 (93.70 to 94.70): BM012948.D (-629) (-)

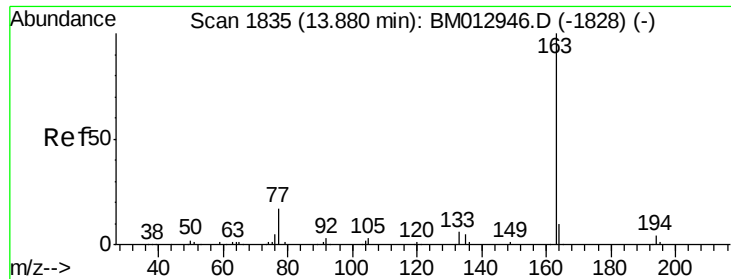
Ion 65.00 (64.70 to 65.70): BM012948.D (-629) (-)

Ion 66.00 (65.70 to 66.70): BM012948.D (-629) (-)

6.99

Time-->

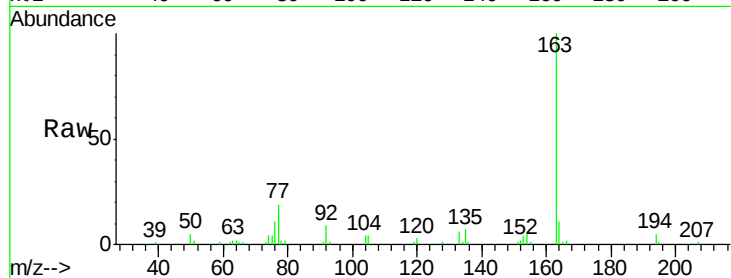




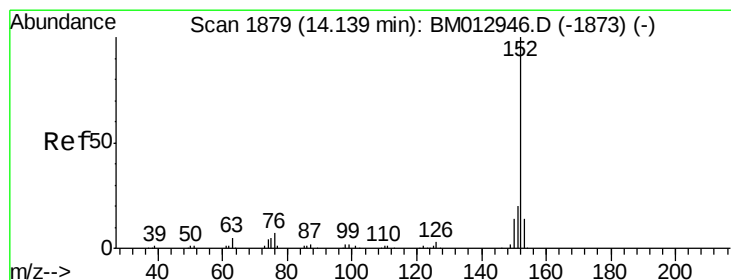
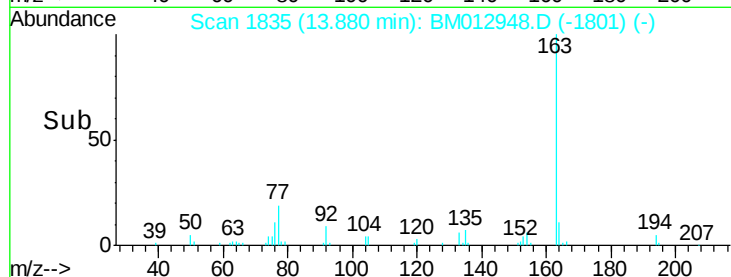
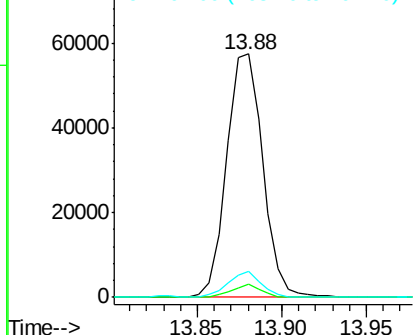
#44
Dimethylphthalate
Concen: 4.72 ng/ul
RT: 13.88 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 85850
Ion Ratio Lower Upper
163 100
194 5.3 3.2 4.8#
164 10.7 7.8 11.8

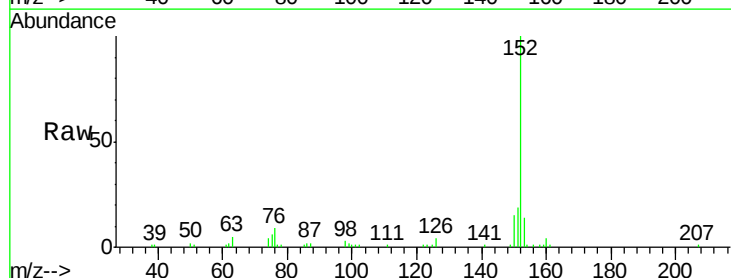


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

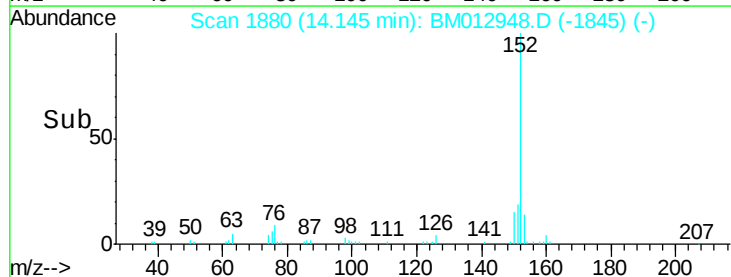
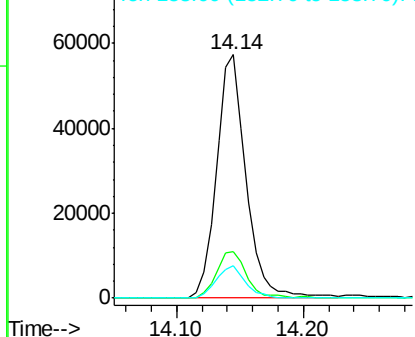


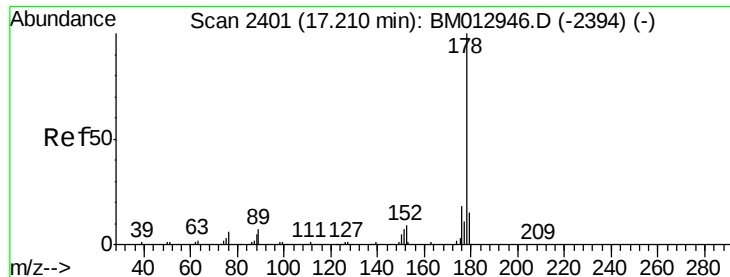
#47
Acenaphthylene
Concen: 4.23 ng/ul
RT: 14.14 min Scan# 1880
Delta R.T. 0.01 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Tgt Ion:152 Resp: 92982
Ion Ratio Lower Upper
152 100
151 19.0 15.7 23.5
153 13.6 10.5 15.7



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

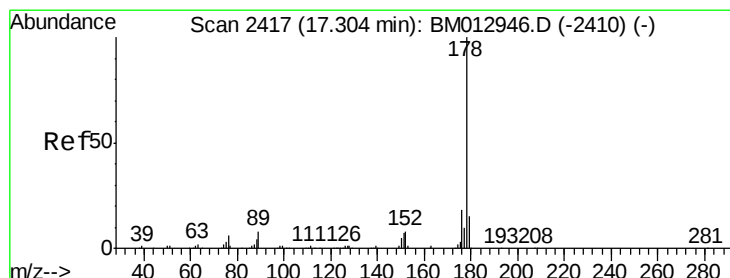
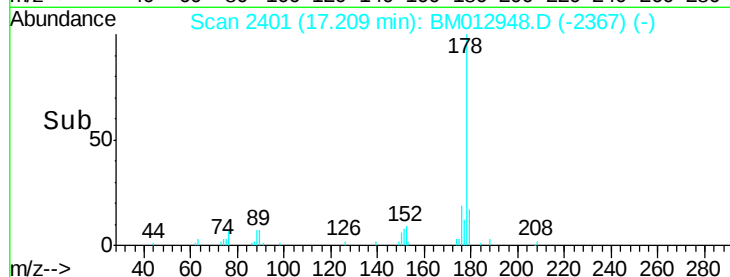
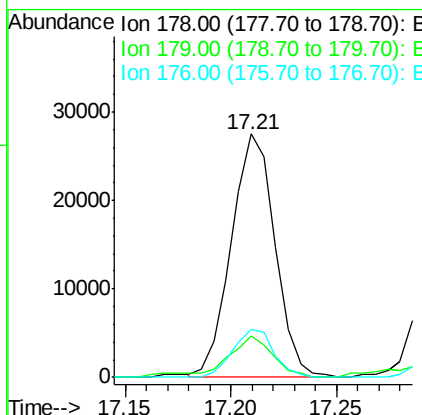
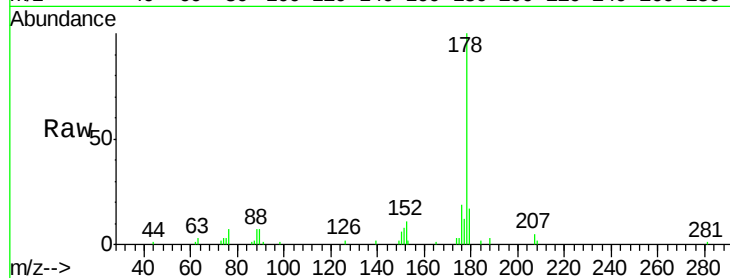




#69
Phenanthrene
Concen: 1.39 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

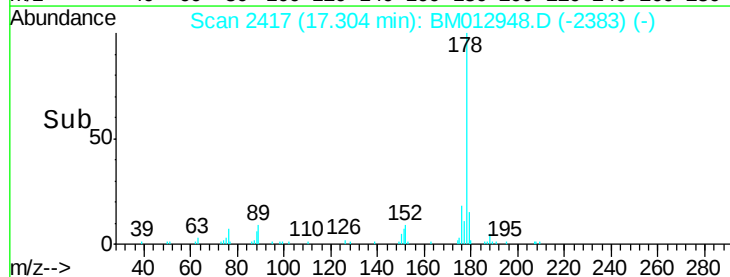
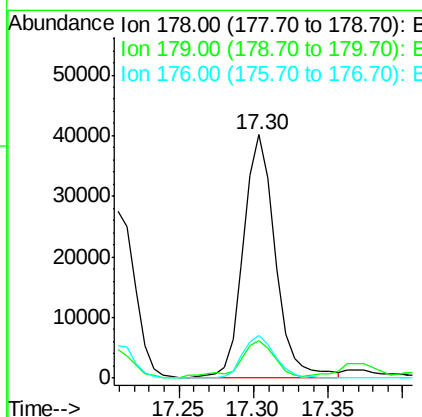
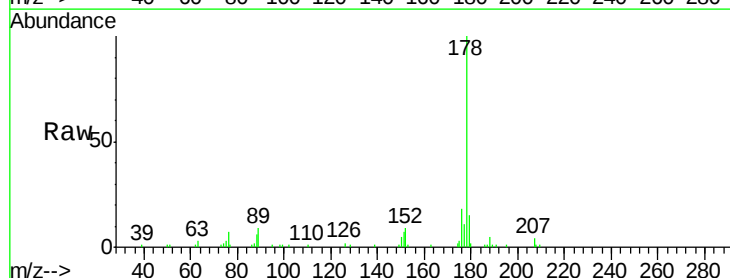
Instrument :
BNA_M
ClientSampleId :

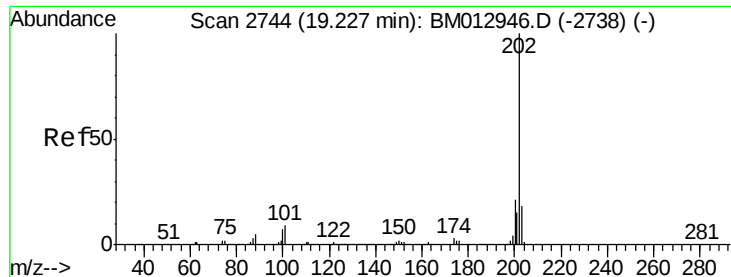
Tot Ion:178 Resp: 39479
Ion Ratio Lower Upper
178 100
179 17.0 12.2 18.4
176 19.5 15.6 23.4



#71
Anthracene
Concen: 2.03 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Tgt Ion:178 Resp: 59863
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 17.7 14.8 22.2

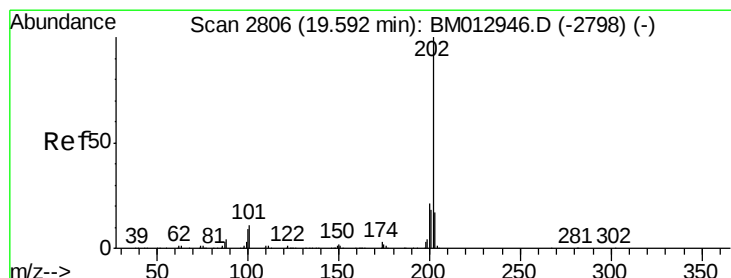
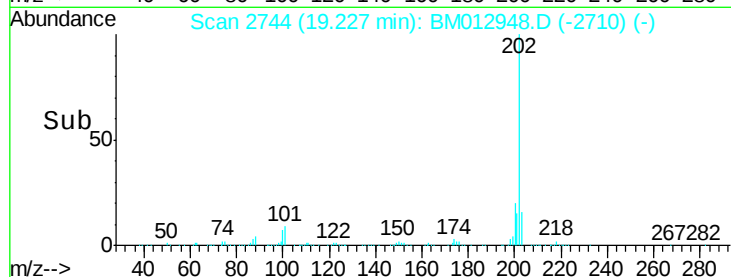
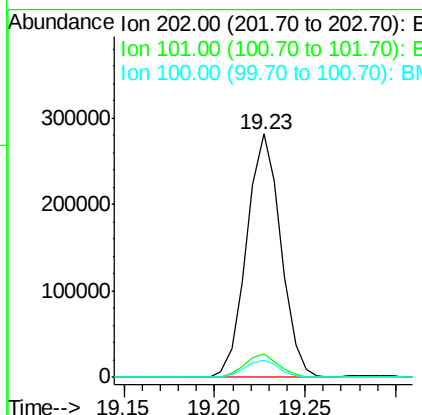
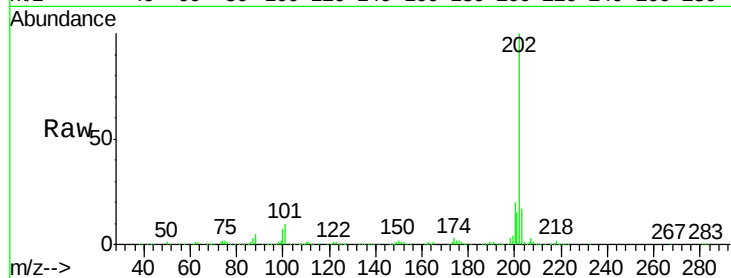




#76
Fluoranthene
Concen: 10.77 ng/ul
RT: 19.23 min Scan# 2744
Delta R.T. -0.00 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

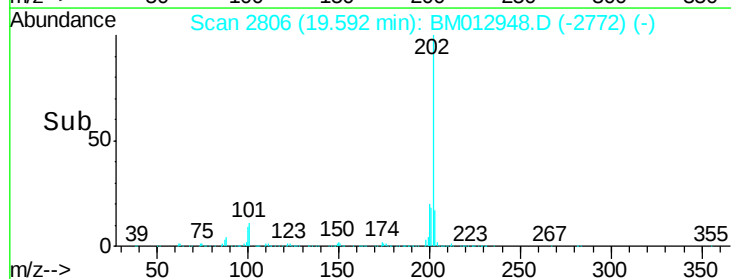
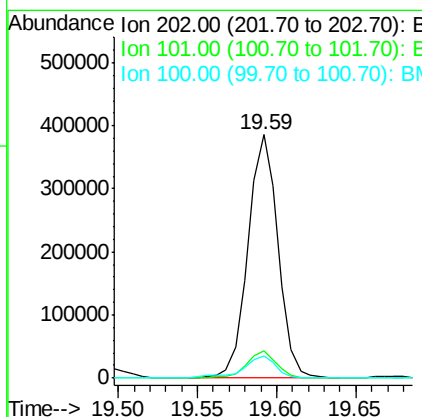
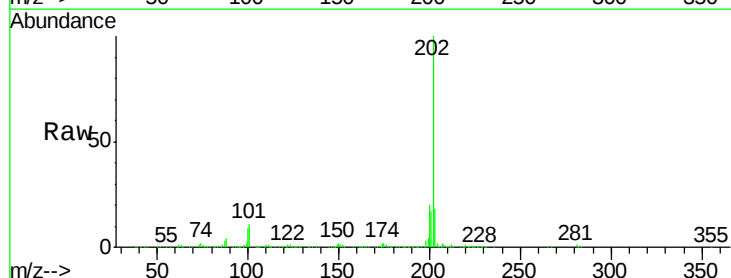
Instrument :
BNA_M
ClientSampleId :

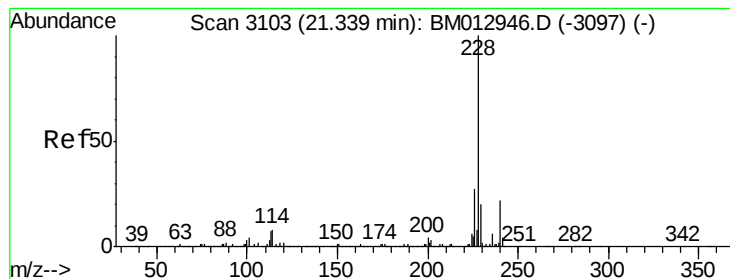
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	8.8	13.2
100	7.2	6.6	9.8



#79
Pyrene
Concen: 13.02 ng/ul
RT: 19.59 min Scan# 2806
Delta R.T. -0.00 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.1	10.2	15.2
100	8.9	8.5	12.7





#82

Benzo(a)anthracene

Concen: 8.39 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. 0.05 min

Lab File: BM012948.D

Acq: 13 Nov 2017 23:08

Instrument :

BNA_M

ClientSampleId :

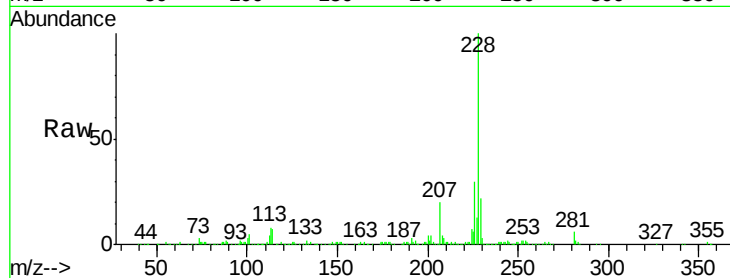
Tot Ion:228 Resp: 328705

Ion Ratio Lower Upper

228 100

229 22.4 15.7 23.5

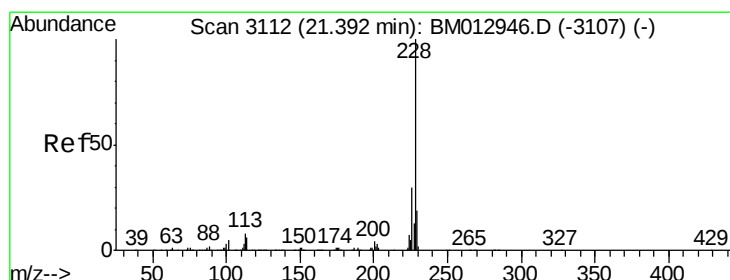
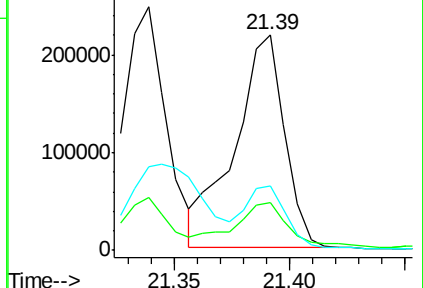
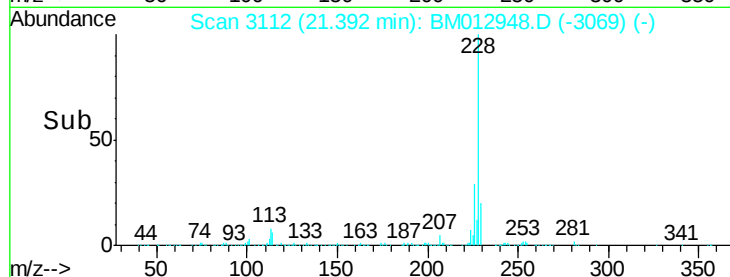
226 29.9 21.8 32.6



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: 9.26 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BM012948.D

Acq: 13 Nov 2017 23:08

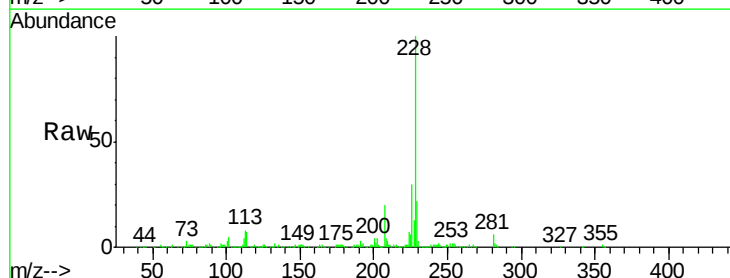
Tgt Ion:228 Resp: 328705

Ion Ratio Lower Upper

228 100

226 29.9 24.0 36.0

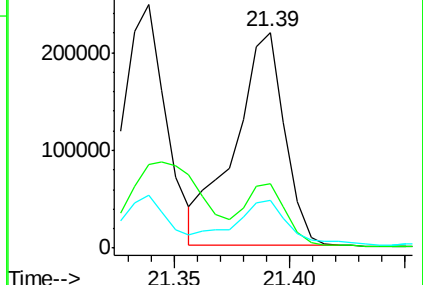
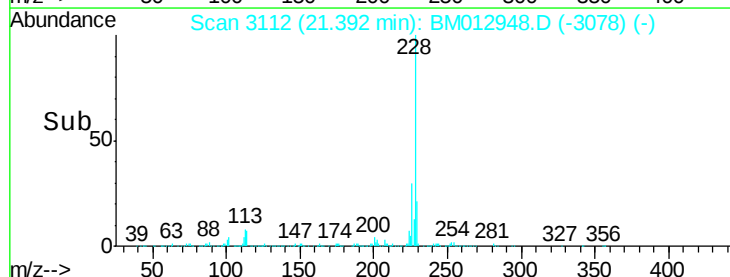
229 22.4 15.6 23.4

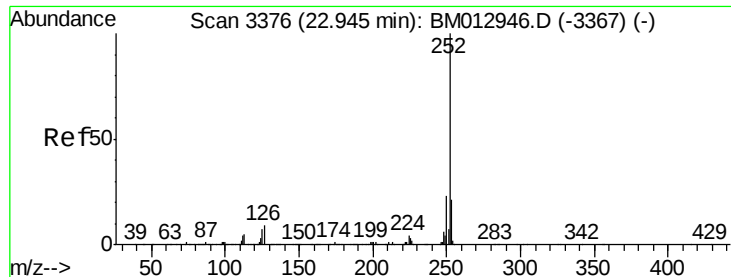


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

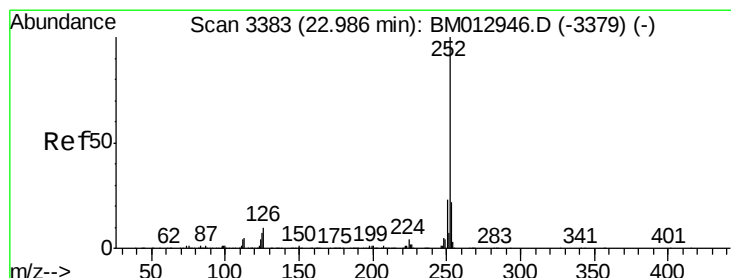
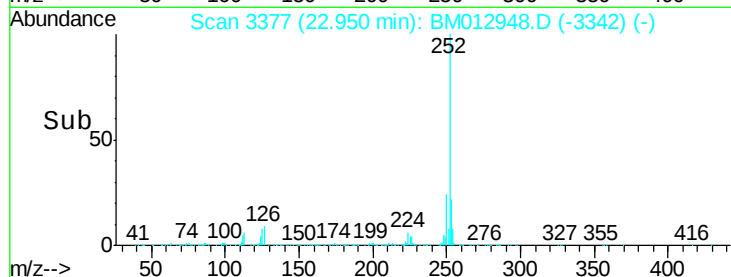
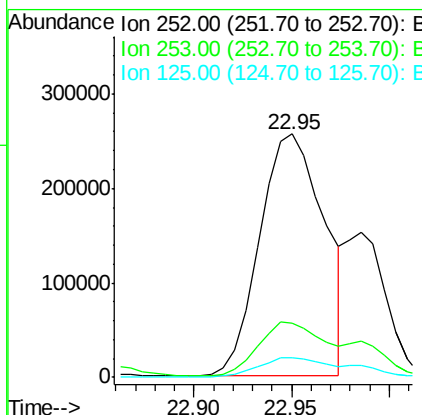
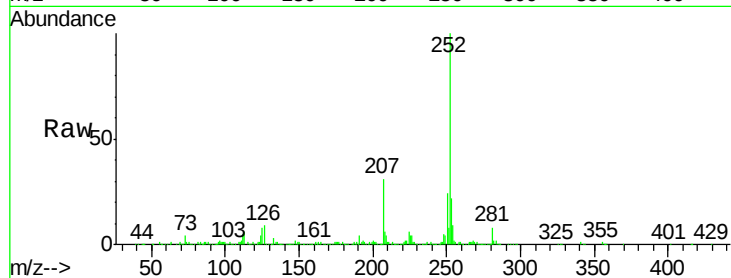




#87
Benzo(b)fluoranthene
Concen: 13.39 ng/ul
RT: 22.95 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

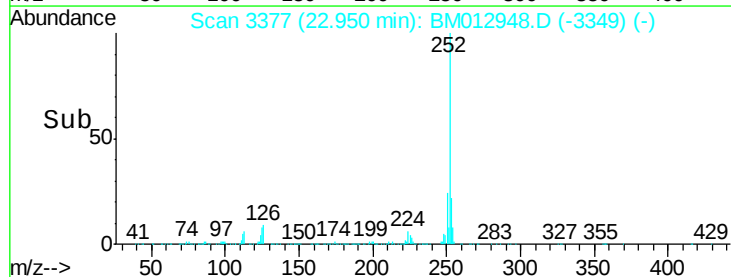
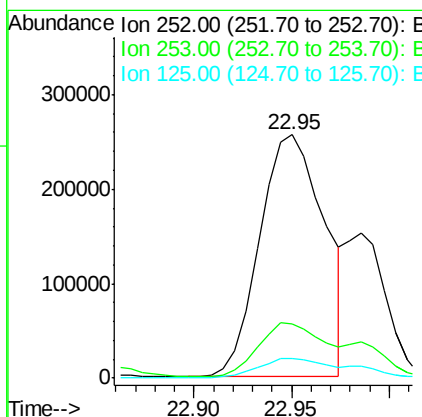
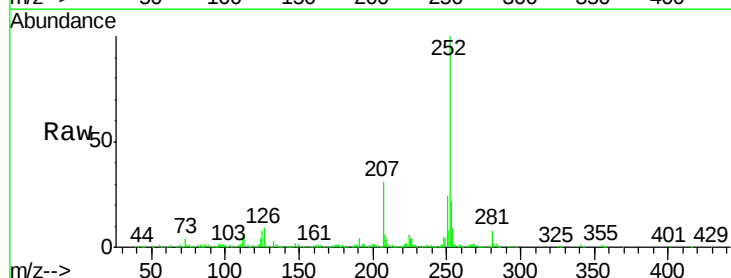
Instrument :
BNA_M
ClientSampleId :

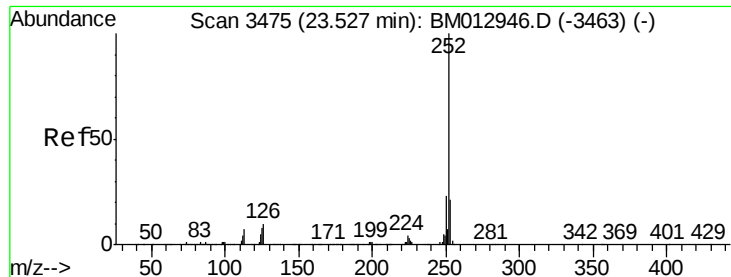
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	8.2	8.5	12.7#



#88
Benzo(k)fluoranthene
Concen: 14.09 ng/ul
RT: 22.95 min Scan# 3377
Delta R.T. -0.04 min
Lab File: BM012948.D
Acq: 13 Nov 2017 23:08

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	8.2	8.2	12.2





#90

Benzo(a)pyrene

Concen: 7.26 ng/ul

RT: 23.43 min Scan# 3459

Delta R.T. -0.09 min

Lab File: BM012948.D

Acq: 13 Nov 2017 23:08

Instrument :

BNA_M

ClientSampleId :

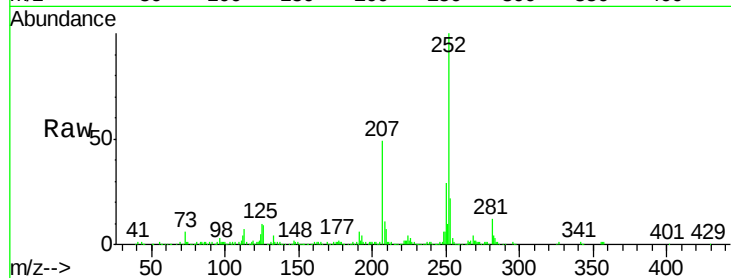
Tot Ion:252 Resp: 303989

Ion Ratio Lower Upper

252 100

253 22.4 17.2 25.8

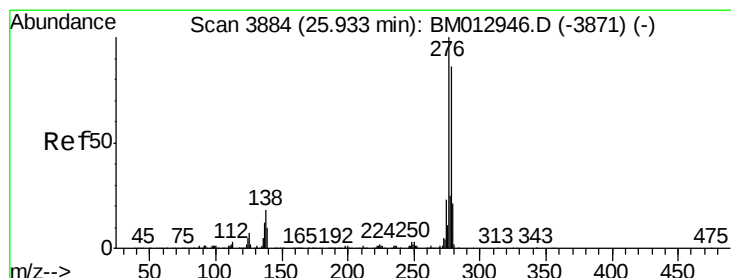
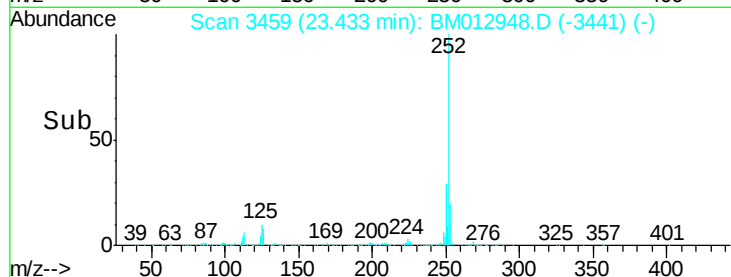
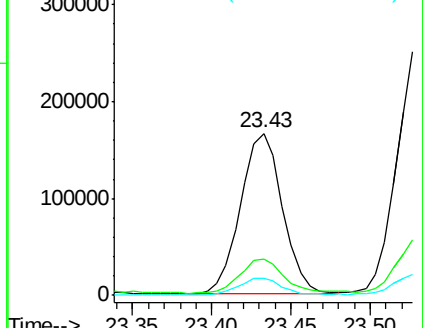
125 10.5 9.0 13.6



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 7.01 ng/ul

RT: 25.93 min Scan# 3884

Delta R.T. -0.00 min

Lab File: BM012948.D

Acq: 13 Nov 2017 23:08

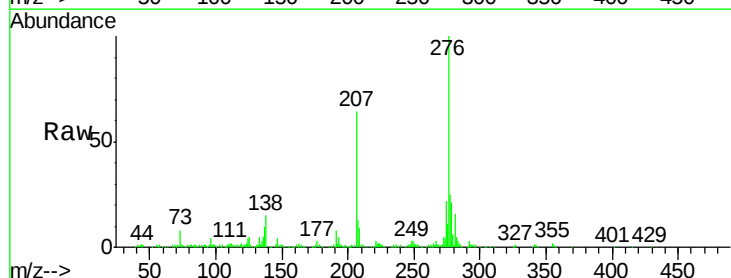
Tgt Ion:276 Resp: 353706

Ion Ratio Lower Upper

276 100

138 15.2 22.3 33.5#

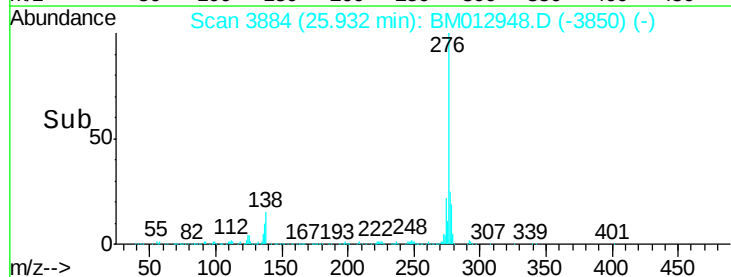
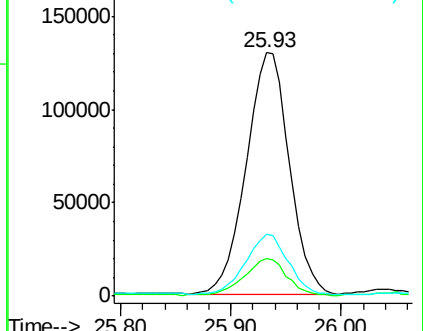
277 25.1 20.2 30.2

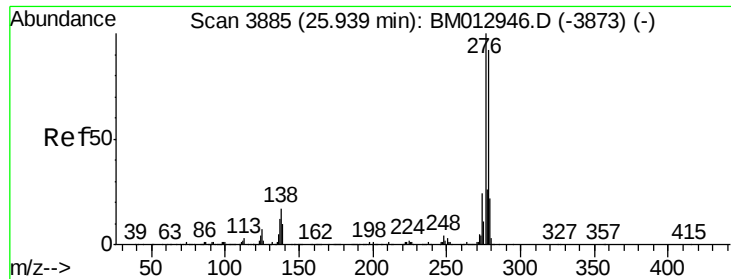


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#92

Dibenzo(a,h)anthracene

Concen: 2.20 ng/ul

RT: 25.93 min Scan# 3884

Delta R.T. -0.01 min

Lab File: BM012948.D

Acq: 13 Nov 2017 23:08

Instrument :

BNA_M

ClientSampleId :

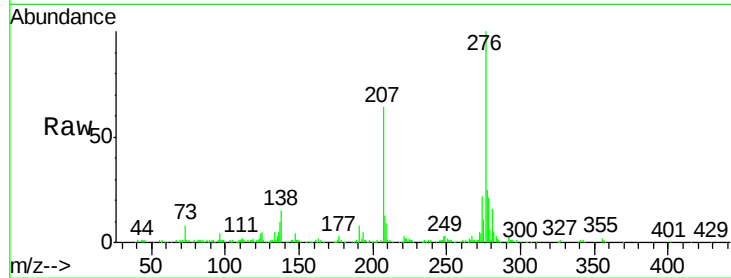
Tot Ion:278 Resp: 94105

Ion Ratio Lower Upper

278 100

139 0.0 13.9 20.9#

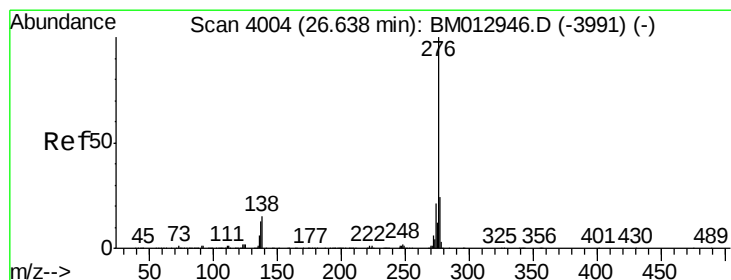
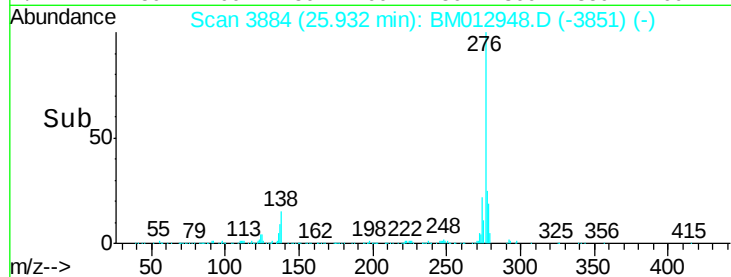
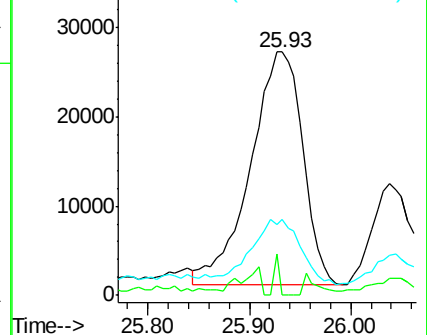
279 31.1 19.0 28.4#



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



#93

Benzo(g,h,i)perylene

Concen: 7.01 ng/ul

RT: 26.64 min Scan# 4005

Delta R.T. 0.01 min

Lab File: BM012948.D

Acq: 13 Nov 2017 23:08

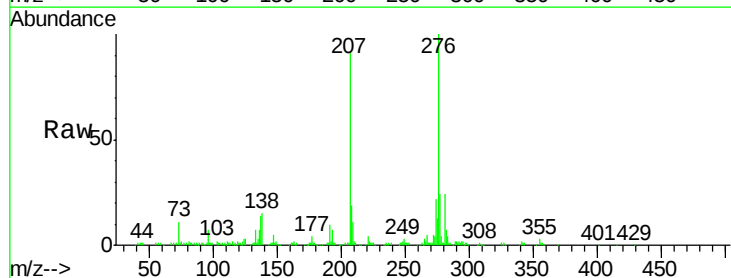
Tgt Ion:276 Resp: 291620

Ion Ratio Lower Upper

276 100

138 15.0 18.9 28.3#

277 24.2 19.2 28.8



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

