

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110817\
 Data File : BM012846.D
 Acq On : 09 Nov 2017 10:18
 Operator : SJ/JU
 Sample : I6096-03 5X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-52(0-1)-102317

Quant Time: Nov 09 12:00:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 05:48:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	128754	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	521850	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	292111	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	570649	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	566300	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	627985	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	1540	0.65	ng/uL	0.00
5) Phenol-d5	6.99	99	40686	4.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	22475	4.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.34	132	34453	4.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	32737	3.96	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	18239	4.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	16180	3.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	36493	4.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	7240	0.83	ng/ul	-0.03
43) Dimethylphthalate-d6	13.85	166	109919	4.55	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	125006	4.18	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	11368	2.94	ng/ul	0.01
57) Fluorene-d10	15.43	176	89787	4.34	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	17.29	188	123335	4.47	ng/ul	0.00
78) Pyrene-d10	19.59	212	120167	4.57	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	132517	4.46	ng/ul	0.01

Target Compounds

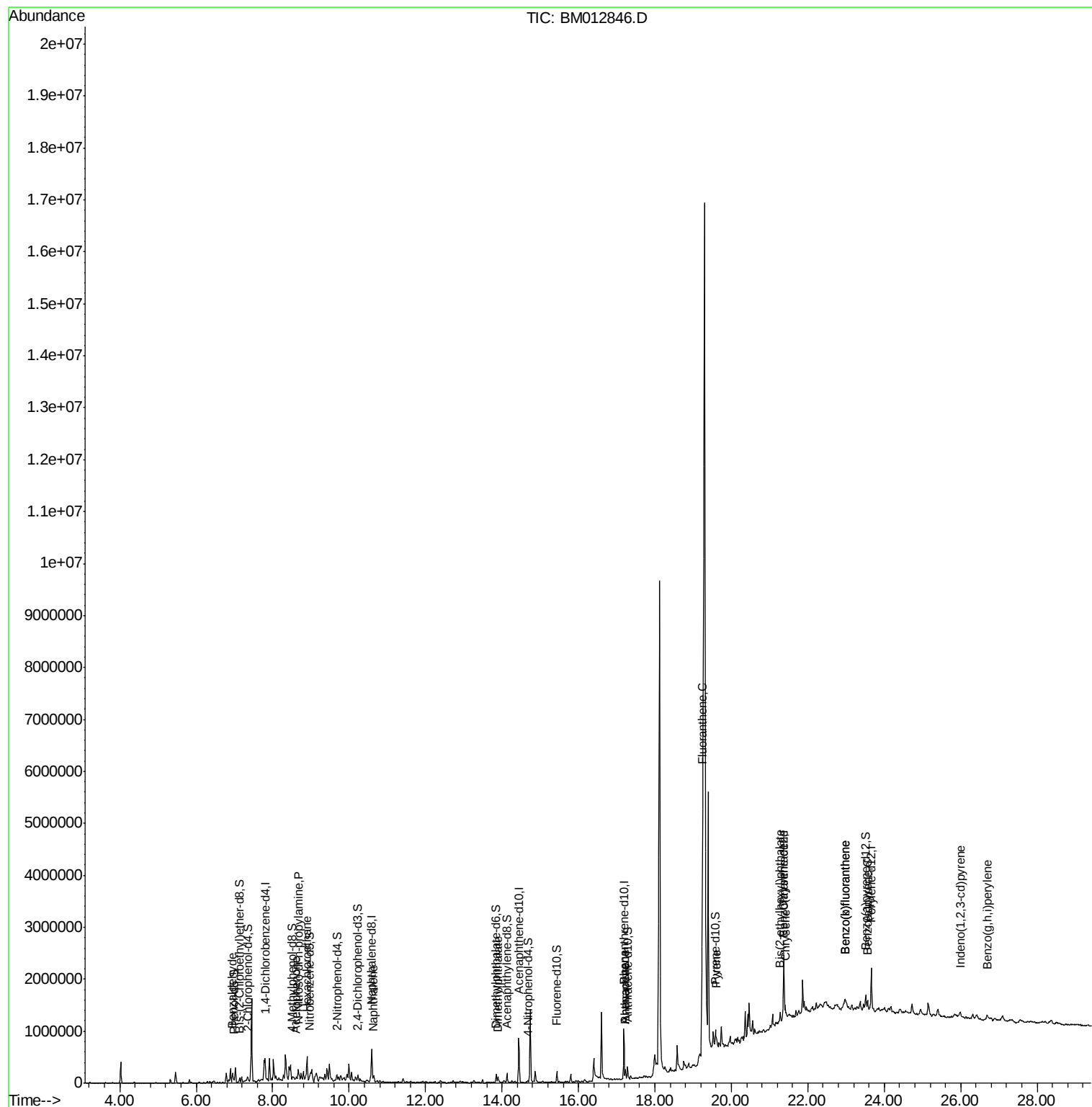
					Ovalue	
4) Benzaldehyde	6.95	77	9925	1.948	ng/ul#	1
14) Acetophenone	8.60	105	30601	2.459	ng/ul#	36
15) N-Nitroso-di-n-propylamine	8.67	70	28752	4.807	ng/ul#	58
17) Hexachloroethane	8.90	117	22926	6.928	ng/ul#	7
28) Naphthalene	10.64	128	76022	2.914	ng/ul	100
44) Dimethylphthalate	13.90	163	68559	2.858	ng/ul	97
69) Phenanthrene	17.23	178	126094	4.043	ng/ul	98
71) Anthracene	17.23	178	126094	3.899	ng/ul	97
76) Fluoranthene	19.24	202	183992	4.909	ng/ul#	91
79) Pyrene	19.62	202	161816	4.789	ng/ul	96
82) Benzo(a)anthracene	21.36	228	109610	3.199	ng/ul#	93
83) Bis(2-ethylhexyl)phthalate	21.28	149	65952	3.674	ng/ul#	89
84) Chrysene	21.41	228	126003	4.057	ng/ul#	93
87) Benzo(b)fluoranthene	22.97	252	162581	4.236	ng/ul#	81
88) Benzo(k)fluoranthene	22.97	252	162581	4.457	ng/ul#	81
90) Benzo(a)pyrene	23.56	252	107462	2.943	ng/ul#	85
91) Indeno(1,2,3-cd)pyrene	25.99	276	86959	1.976	ng/ul#	84
93) Benzo(g,h,i)perylene	26.70	276	80371	2.216	ng/ul#	85

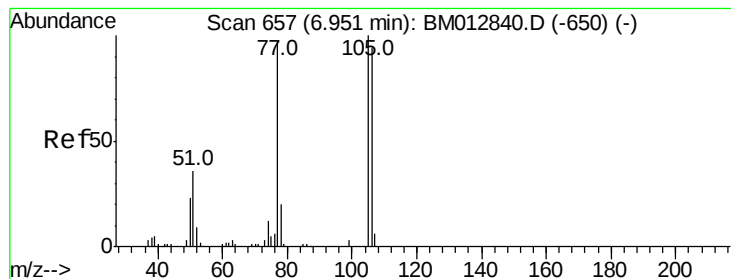
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.948 ng/ul

RT: 6.95 min Scan# 657

Delta R.T. 0.00 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

Instrument :

BNA_M

ClientSampleId :

B-52(0-1)-102317

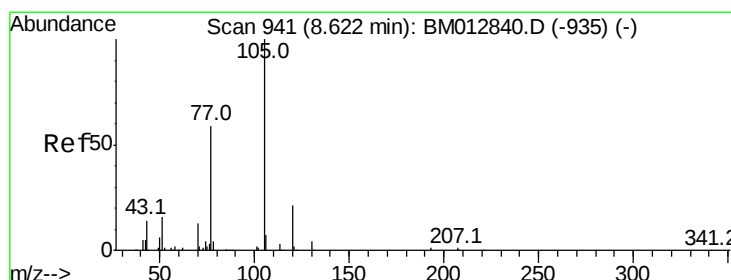
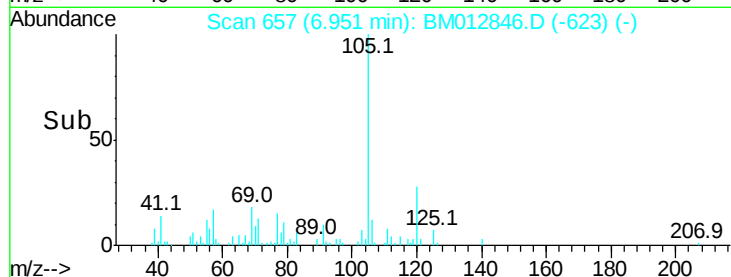
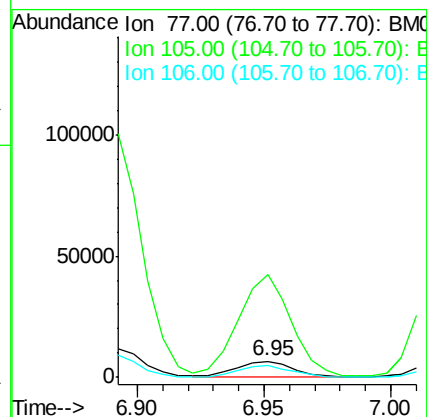
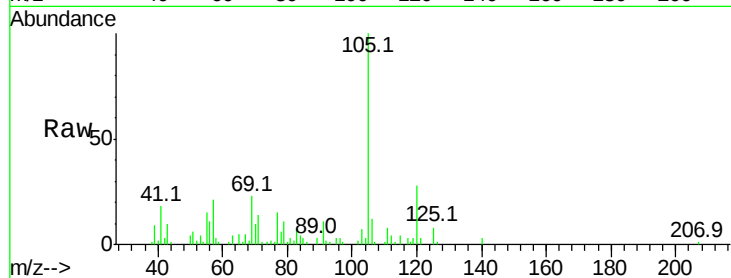
Tot Ion: 77 Resp: 9925

Ion Ratio Lower Upper

77 100

105 650.6 80.6 120.8#

106 76.7 77.7 116.5#



#14

Acetophenone

Concen: 2.459 ng/ul

RT: 8.60 min Scan# 937

Delta R.T. -0.02 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

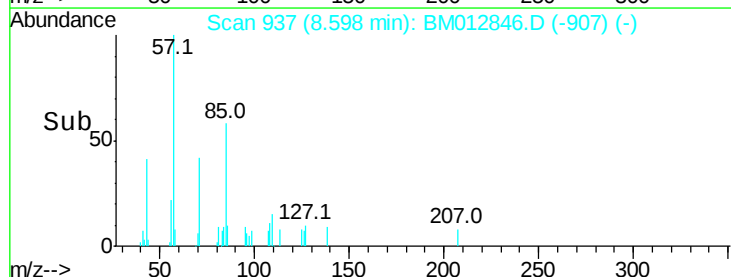
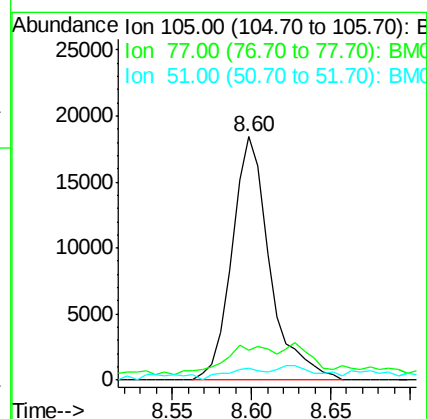
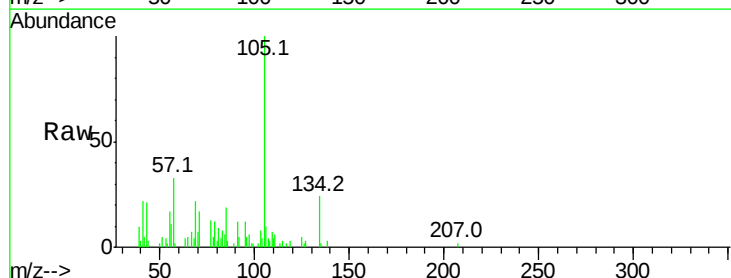
Tgt Ion: 105 Resp: 30601

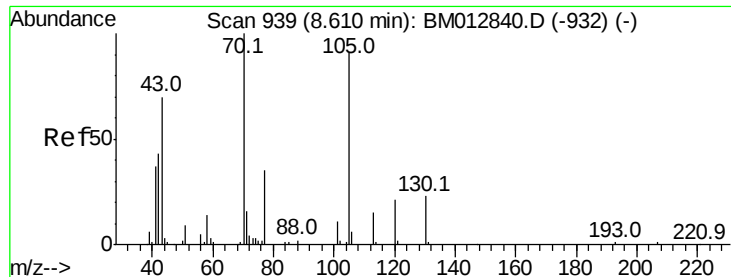
Ion Ratio Lower Upper

105 100

77 12.5 59.0 88.4#

51 4.7 16.4 24.6#





#15

N-Nitroso-di-n-propylamine

Concen: 4.807 ng/ul

RT: 8.67 min Scan# 950

Delta R.T. 0.06 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

Instrument :

BNA_M

ClientSampleId :

B-52(0-1)-102317

Tot Ion: 70 Resp: 28752

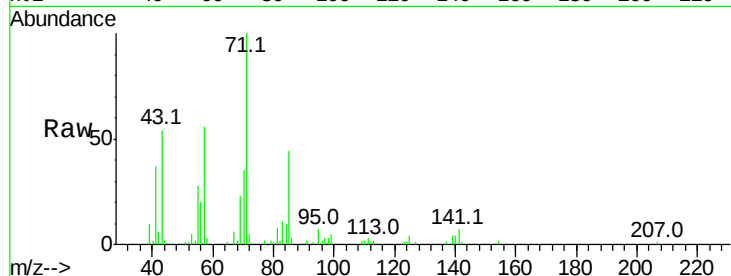
Ion Ratio Lower Upper

70 100

42 16.9 35.4 53.0#

101 0.0 8.4 12.6#

130 0.0 18.2 27.4#

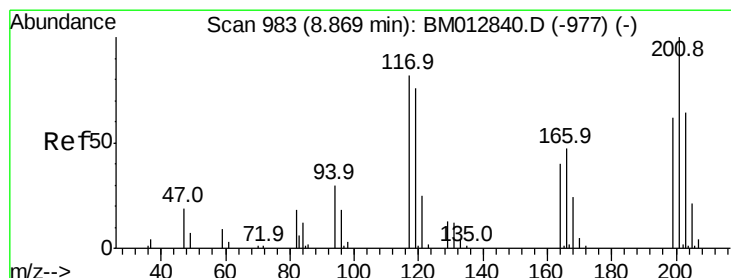
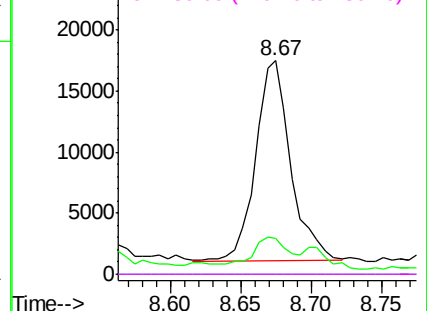
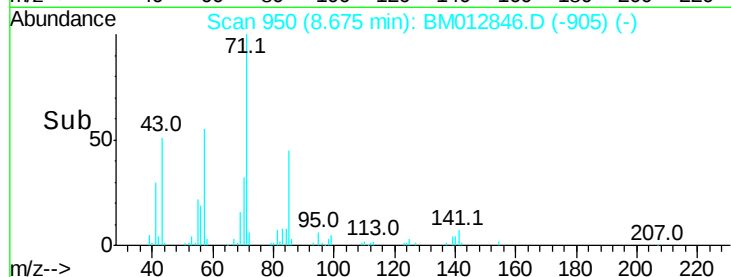


Abundance Ion 70.00 (69.70 to 70.70): BM012846.D (-905) (-)

Ion 42.00 (41.70 to 42.70): BM012846.D (-905) (-)

Ion 101.00 (100.70 to 101.70): BM012846.D (-905) (-)

Ion 130.00 (129.70 to 130.70): BM012846.D (-905) (-)



#17

Hexachloroethane

Concen: 6.928 ng/ul

RT: 8.90 min Scan# 989

Delta R.T. 0.04 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

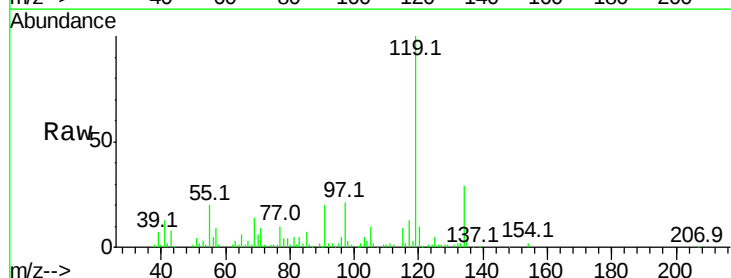
Tgt Ion: 117 Resp: 22926

Ion Ratio Lower Upper

117 100

201 0.0 81.5 122.3#

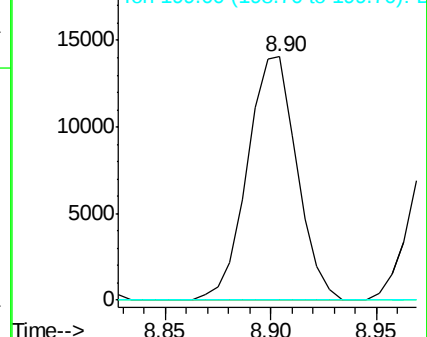
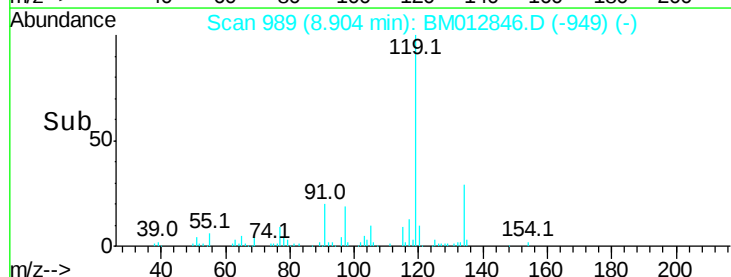
199 0.0 50.6 76.0#

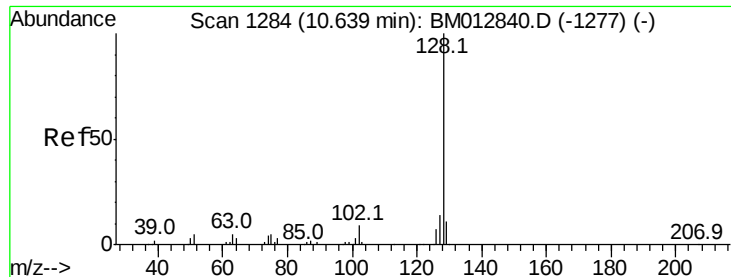


Abundance Ion 117.00 (116.70 to 117.70): BM012846.D (-949) (-)

Ion 201.00 (200.70 to 201.70): BM012846.D (-949) (-)

Ion 199.00 (198.70 to 199.70): BM012846.D (-949) (-)





#28

Naphthalene

Concen: 2.914 ng/ul

RT: 10.64 min Scan# 1284

Delta R.T. 0.00 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

Instrument :

BNA_M

ClientSampleId :

B-52(0-1)-102317

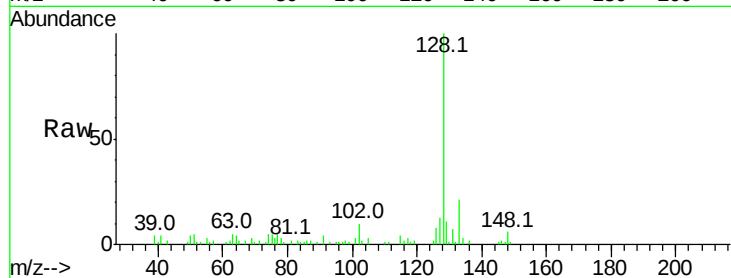
Tot Ion:128 Resp: 76022

Ion Ratio Lower Upper

128 100

129 10.8 8.8 13.2

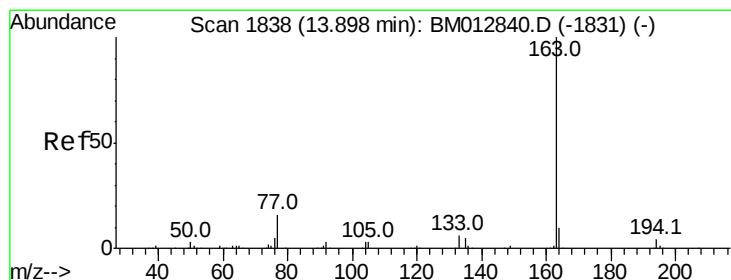
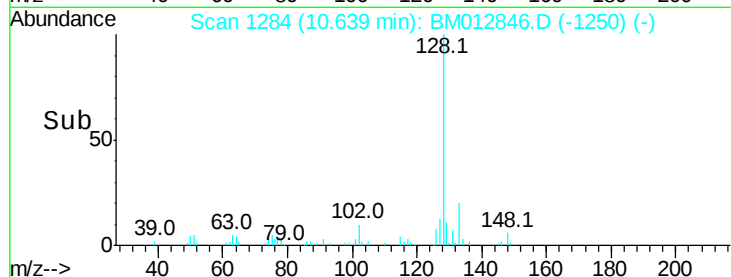
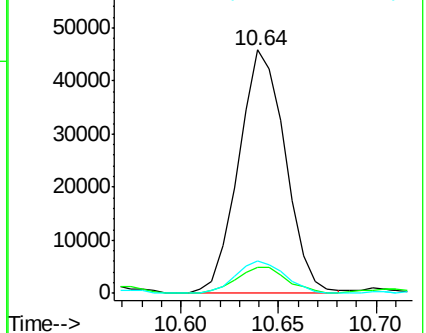
127 13.2 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#44

Dimethylphthalate

Concen: 2.858 ng/ul

RT: 13.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

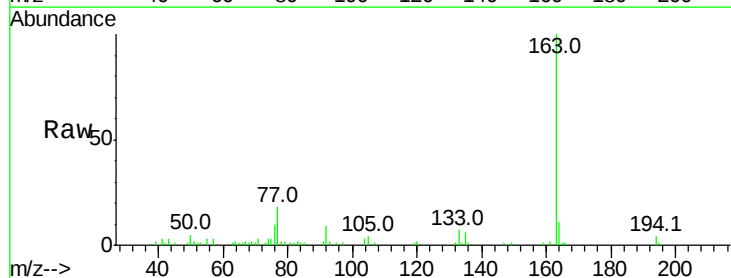
Tgt Ion:163 Resp: 68559

Ion Ratio Lower Upper

163 100

194 4.2 3.2 4.8

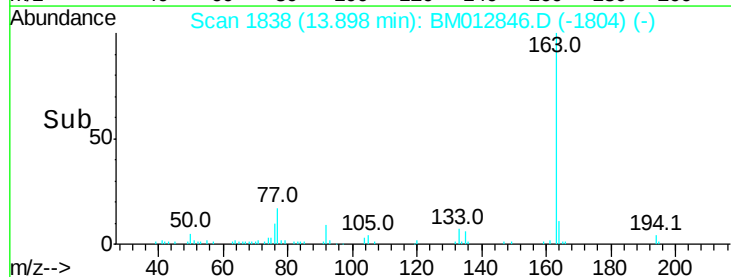
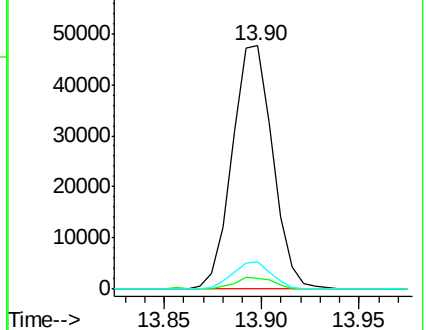
164 11.2 7.8 11.8

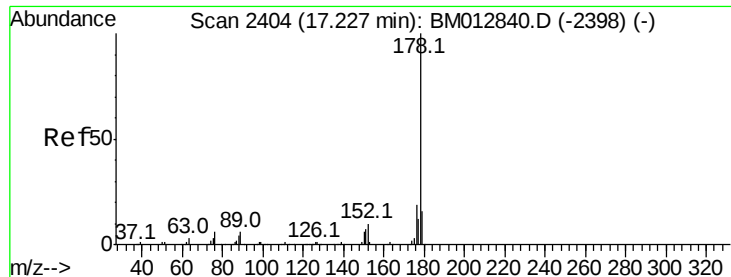


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 4.043 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. 0.00 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

Instrument :

BNA_M

ClientSampleId :

B-52(0-1)-102317

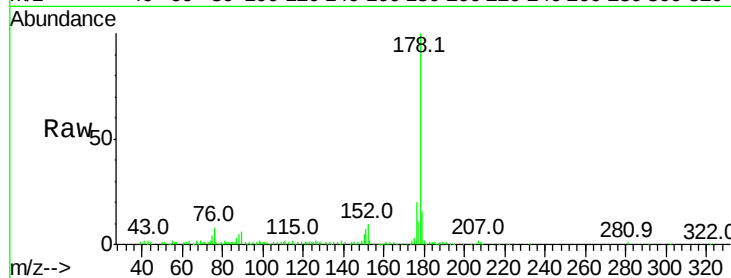
Tot Ion:178 Resp: 126094

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

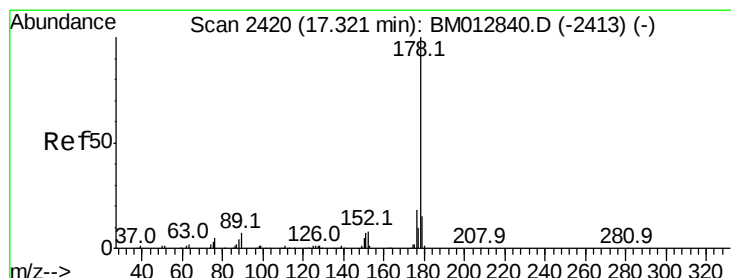
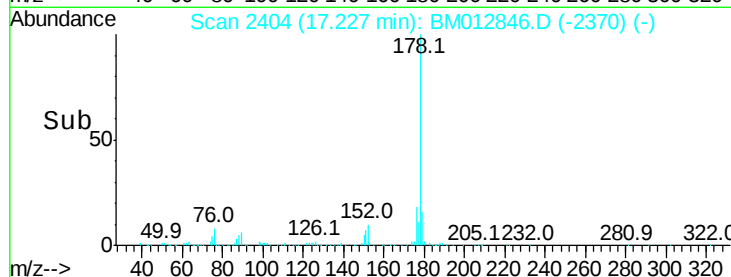
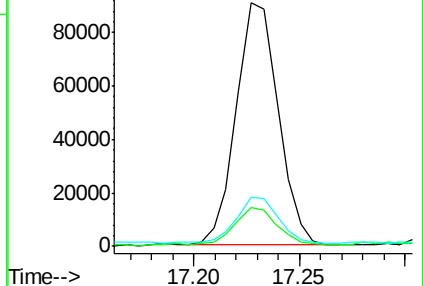
176 20.2 15.6 23.4



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: 3.899 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. -0.09 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

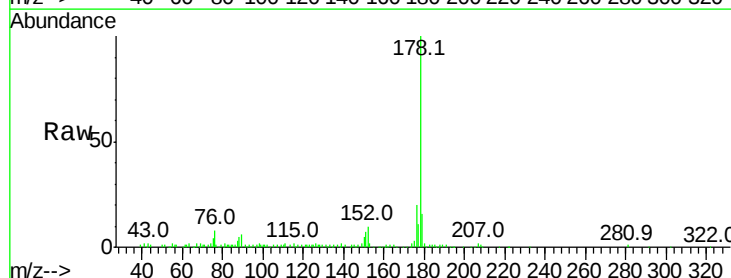
Tgt Ion:178 Resp: 126094

Ion Ratio Lower Upper

178 100

179 16.0 12.1 18.1

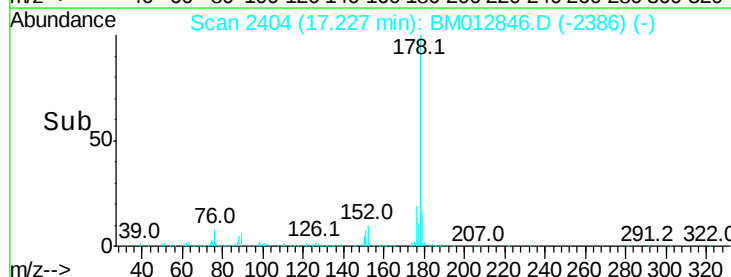
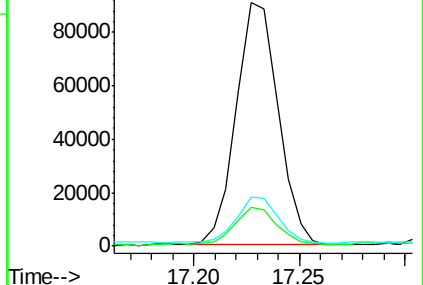
176 20.2 14.8 22.2

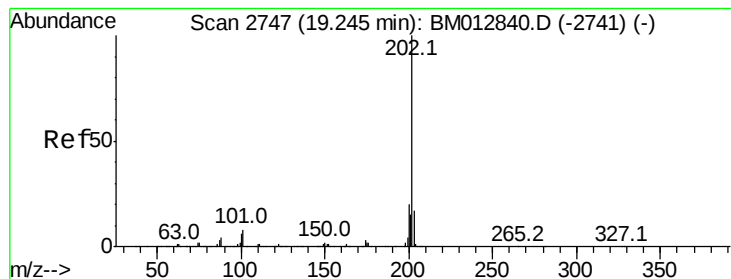


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 4.909 ng/ul

RT: 19.24 min Scan# 2747

Delta R.T. 0.00 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

Instrument :

BNA_M

ClientSampleId :

B-52(0-1)-102317

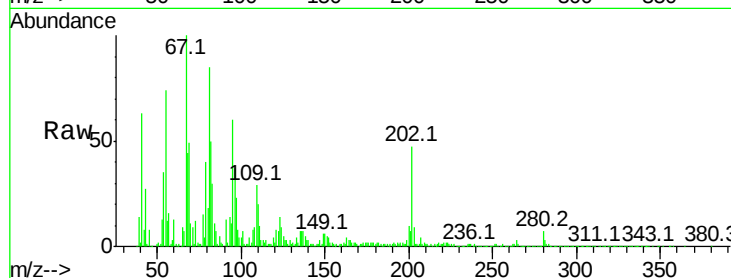
Tot Ion:202 Resp: 183992

Ion Ratio Lower Upper

202 100

101 15.8 8.8 13.2#

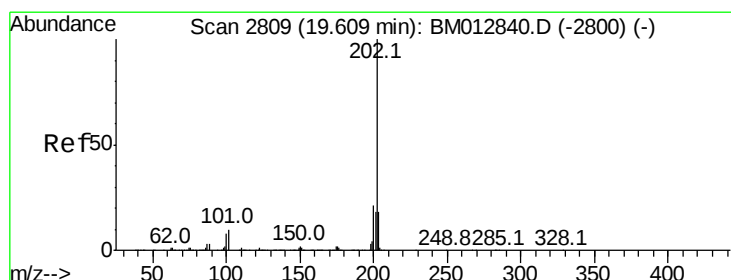
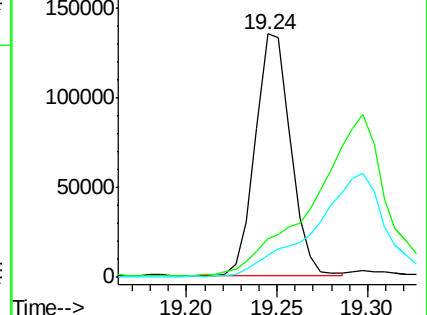
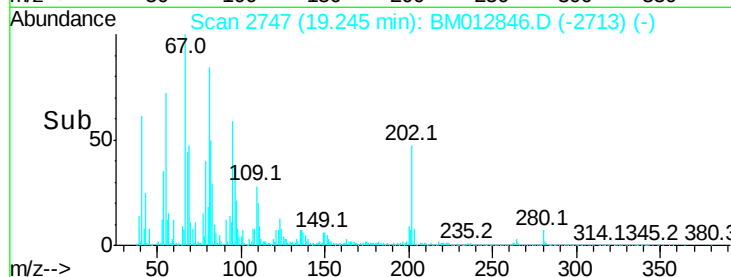
100 9.3 6.6 9.8



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



#79

Pyrene

Concen: 4.789 ng/ul

RT: 19.62 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

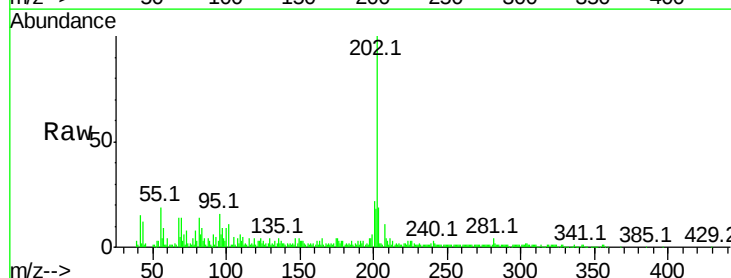
Tgt Ion:202 Resp: 161816

Ion Ratio Lower Upper

202 100

101 11.1 10.2 15.2

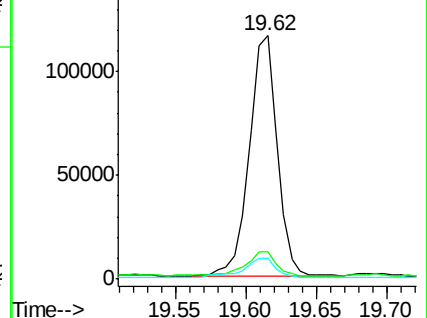
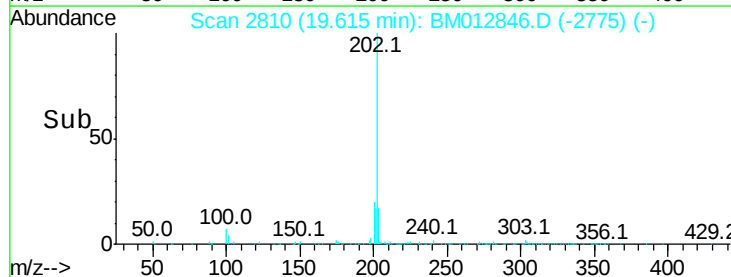
100 8.8 8.5 12.7

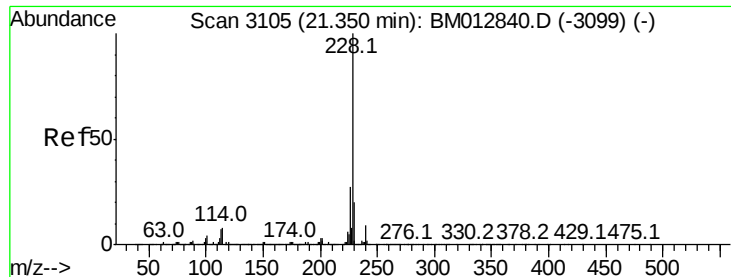


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 3.199 ng/ul

RT: 21.36 min Scan# 3106

Delta R.T. 0.01 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

Instrument :

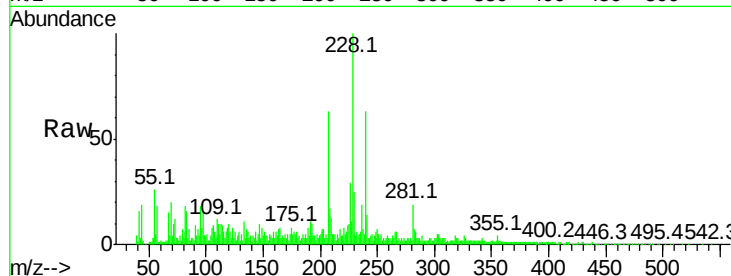
BNA_M

ClientSampleId :

B-52(0-1)-102317

Tot Ion:228 Resp: 109610

Ion	Ratio	Lower	Upper
228	100		
229	24.9	15.7	23.5#
226	28.8	21.8	32.6

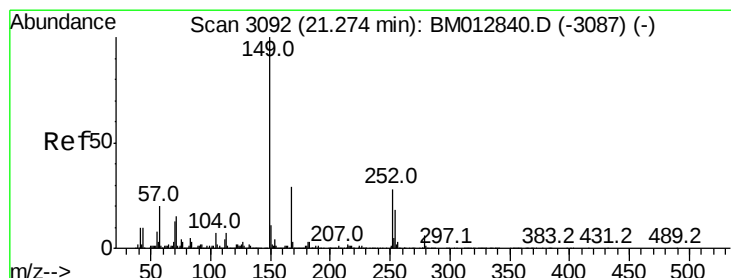
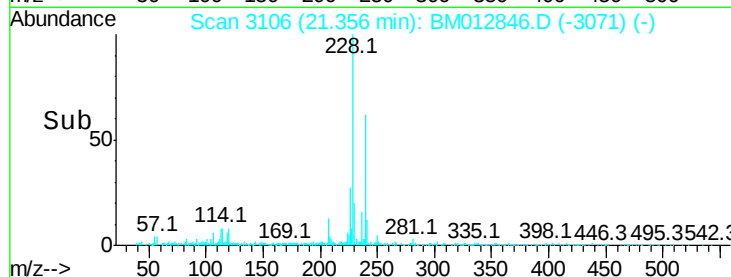
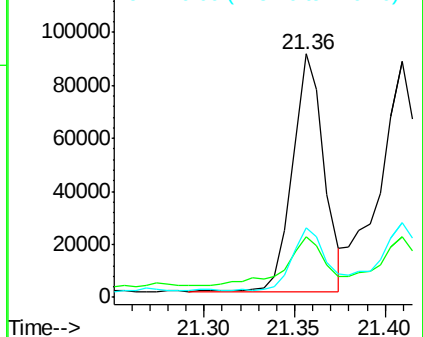


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 3.674 ng/ul

RT: 21.28 min Scan# 3093

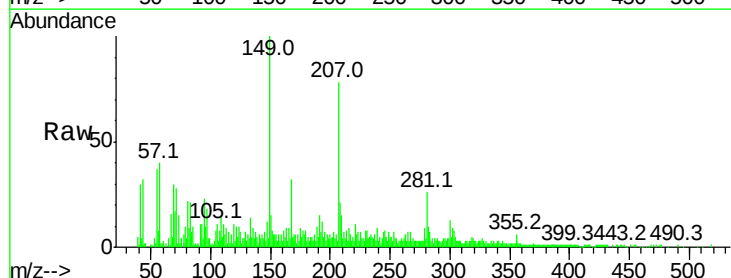
Delta R.T. 0.01 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

Tgt Ion:149 Resp: 65952

Ion	Ratio	Lower	Upper
149	100		
167	32.3	21.6	32.4
279	8.6	3.0	4.4#

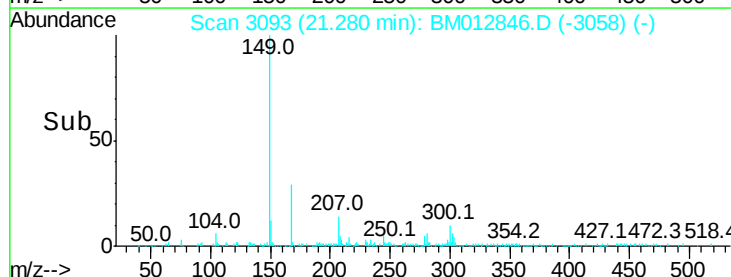
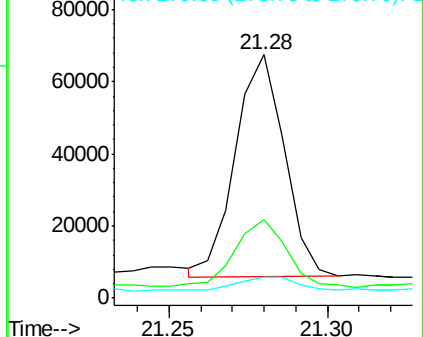


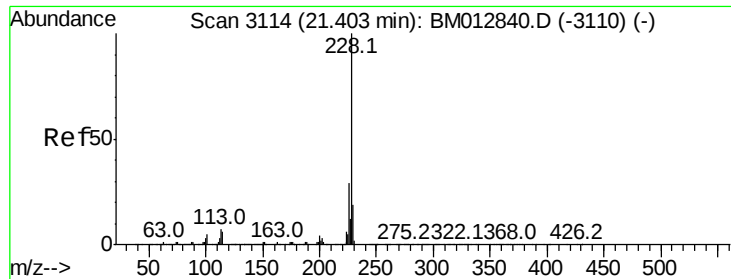
Abundance

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





#84

Chrysene

Concen: 4.057 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.01 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

Instrument :

BNA_M

ClientSampleId :

B-52(0-1)-102317

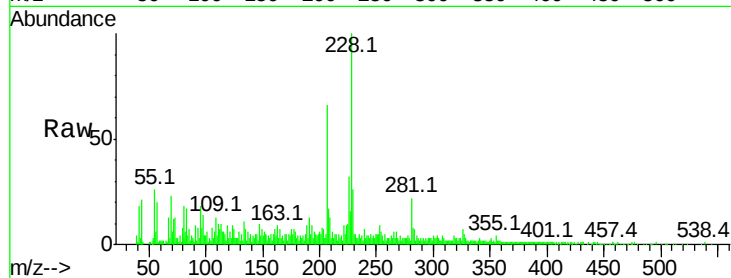
Tot Ion:228 Resp: 126003

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.0	36.0
229	25.6	15.6	23.4

228 100

226 31.8 24.0 36.0

229 25.6 15.6 23.4

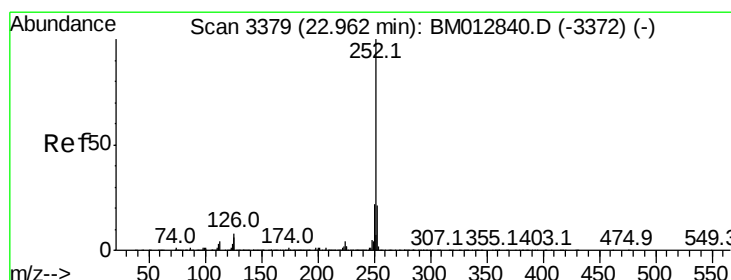
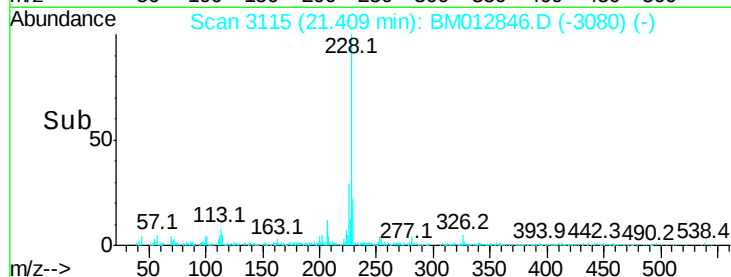
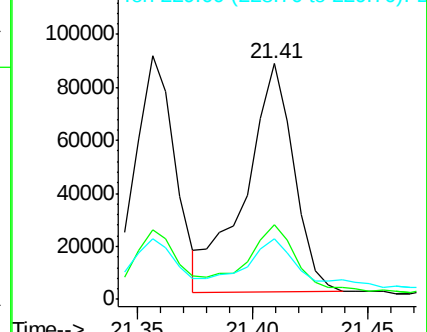


Abundance

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: 4.236 ng/ul

RT: 22.97 min Scan# 3381

Delta R.T. 0.01 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

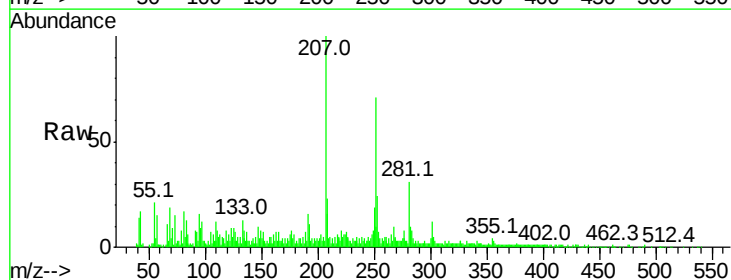
Tgt Ion:252 Resp: 162581

Ion	Ratio	Lower	Upper
252	100		
253	33.3	17.5	26.3
125	13.4	8.5	12.7

252 100

253 33.3 17.5 26.3

125 13.4 8.5 12.7

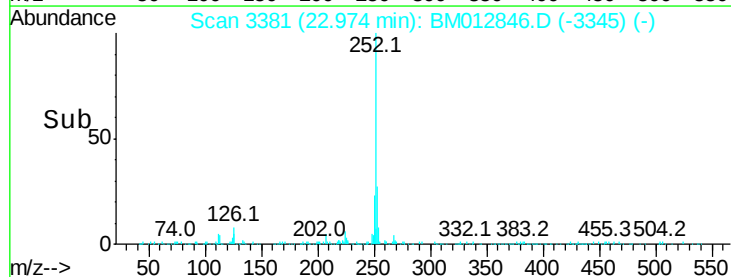
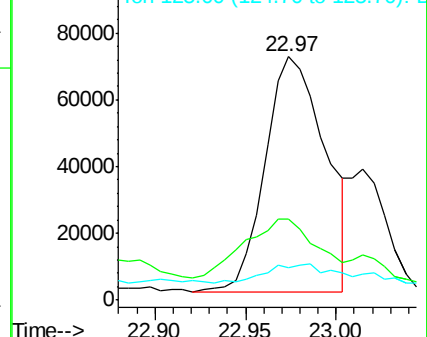


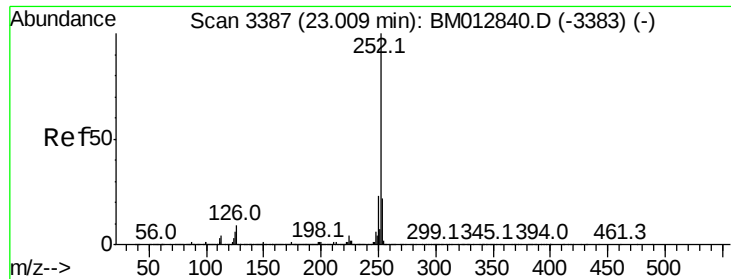
Abundance

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





#88

Benzo(k)fluoranthene

Concen: 4.457 ng/ul

RT: 22.97 min Scan# 3381

Delta R.T. -0.04 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

Instrument :

BNA_M

ClientSampleId :

B-52(0-1)-102317

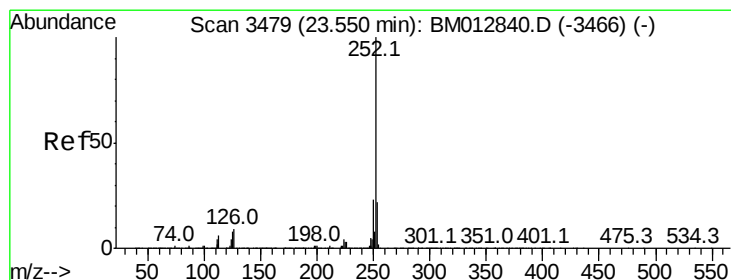
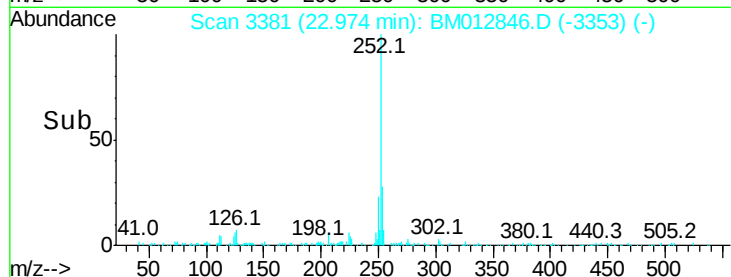
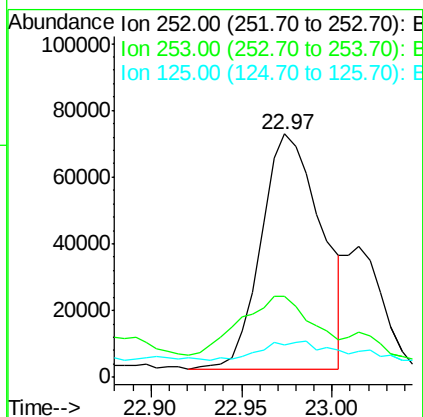
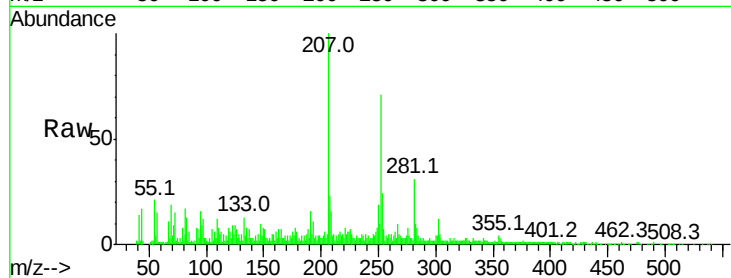
Tot Ion:252 Resp: 162581

Ion Ratio Lower Upper

252 100

253 33.3 17.3 25.9#

125 13.4 8.2 12.2#



#90

Benzo(a)pyrene

Concen: 2.943 ng/ul

RT: 23.56 min Scan# 3481

Delta R.T. 0.01 min

Lab File: BM012846.D

Acq: 09 Nov 2017 10:18

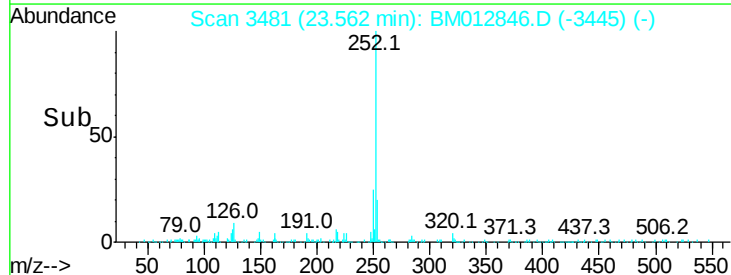
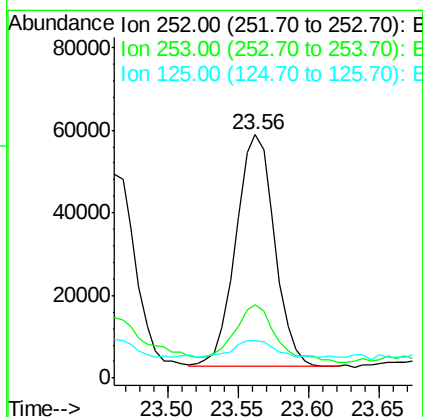
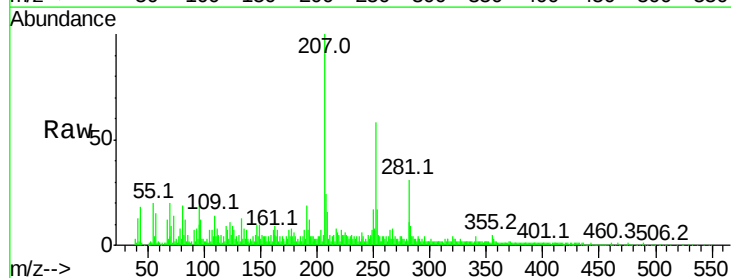
Tgt Ion:252 Resp: 107462

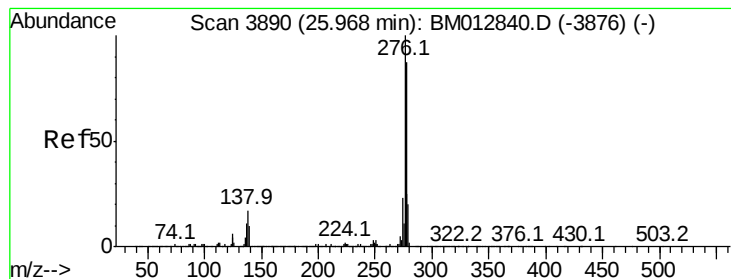
Ion Ratio Lower Upper

252 100

253 29.9 17.2 25.8#

125 15.4 9.0 13.6#



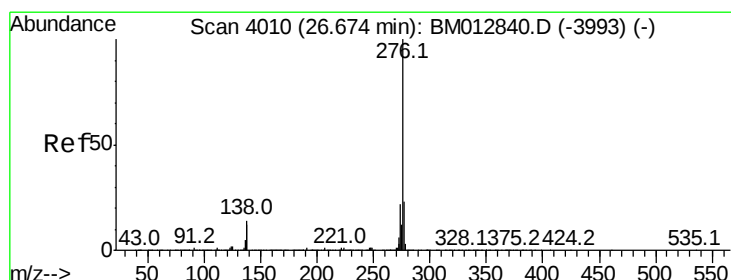
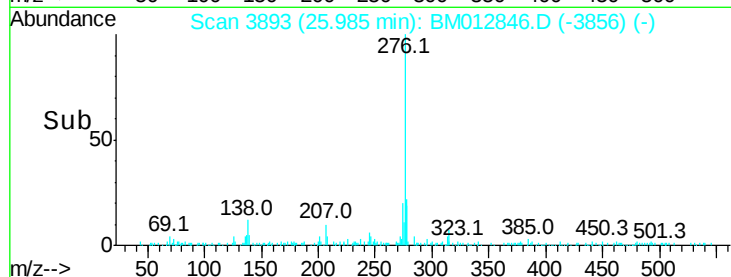
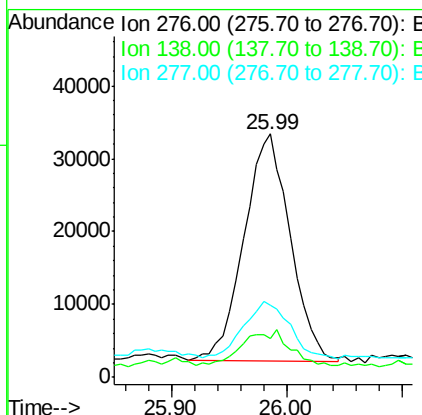
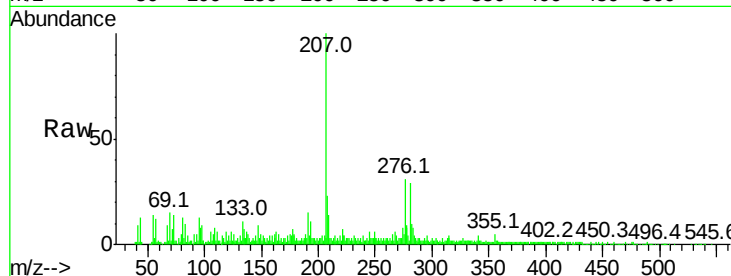


#91

Indeno(1,2,3-cd)pyrene
Concen: 1.976 ng/ul
RT: 25.99 min Scan# 3893
Delta R.T. 0.02 min
Lab File: BM012846.D
Acq: 09 Nov 2017 10:18

Instrument :
BNA_M
ClientSampleId :
B-52(0-1)-102317

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.0	22.3	33.5#
277	29.7	20.2	30.2



#93

Benzo(g,h,i)perylene
Concen: 2.216 ng/ul
RT: 26.70 min Scan# 4014
Delta R.T. 0.02 min
Lab File: BM012846.D
Acq: 09 Nov 2017 10:18

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	18.9	28.3#
277	32.6	19.2	28.8#

