

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121417\
 Data File : BM013437.D
 Acq On : 15 Dec 2017 13:45
 Operator : SJ/JU
 Sample : I6758-13MEDL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B14MEDL

Quant Time: Dec 15 14:20:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 04:56:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	182869	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	789827	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	482206	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1139703	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1224701	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1009796	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	1550	0.42	ng/uL	0.00
5) Phenol-d5	6.86	99	29489	1.86	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	19641	2.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	25463	2.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	25396	1.88	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	14788	2.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	14149	2.11	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	25727	1.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	28888	2.28	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	104090	2.43	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	118092	2.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	6020	0.81	ng/ul	0.02
57) Fluorene-d10	15.32	176	87277	2.37	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	8627	1.20	ng/ul	0.00
70) Anthracene-d10	17.16	188	141262	2.47	ng/ul	0.00
76) Pyrene-d10	19.46	212	150116	2.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	112671	2.19	ng/ul	0.00

Target Compounds

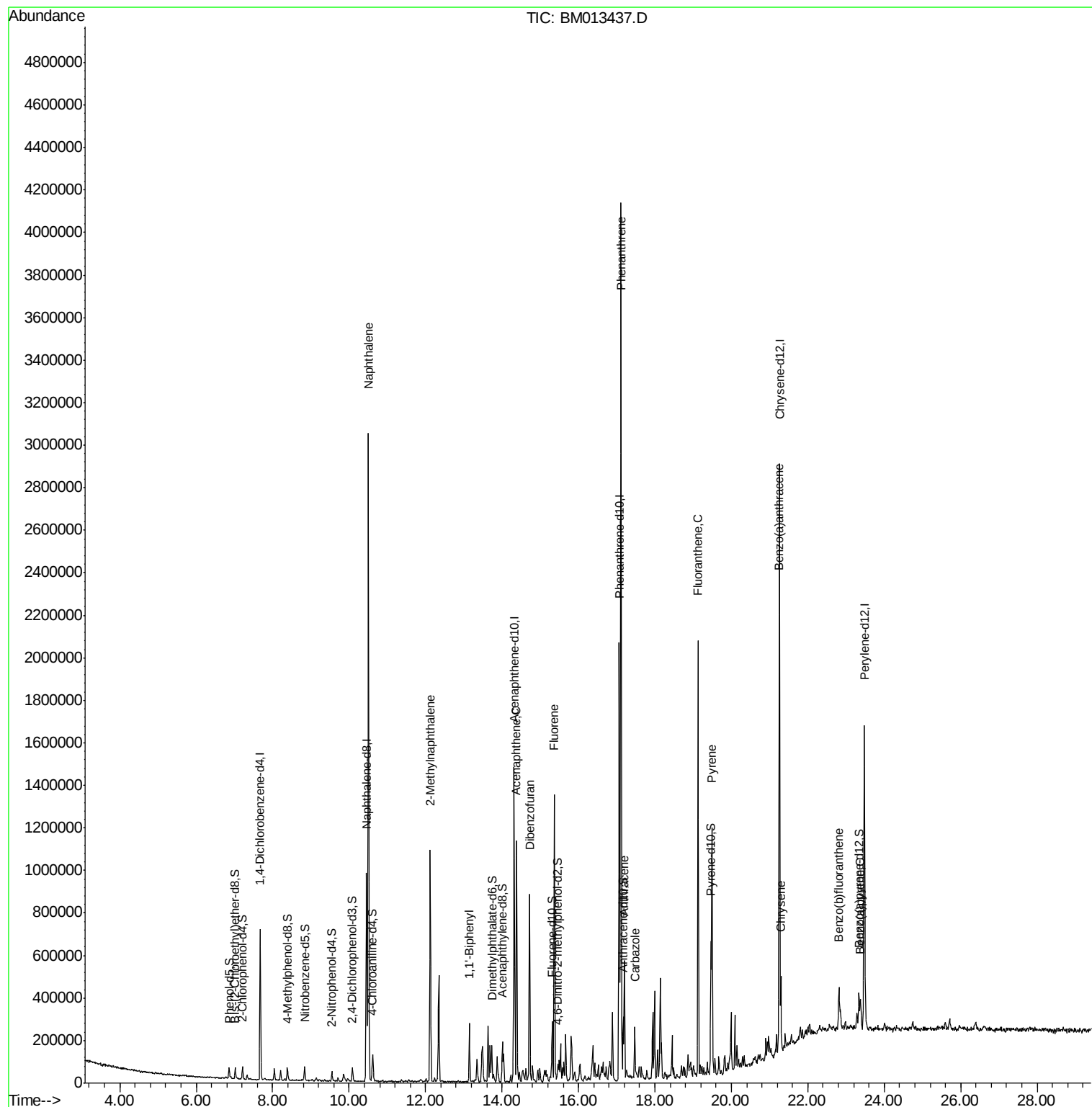
					Ovalue
28) Naphthalene	10.50	128	2332765	57.407	ng/ul 100
34) 2-Methylnaphthalene	12.12	142	488220	15.983	ng/ul 96
40) 1,1'-Biphenyl	13.15	154	135955	3.336	ng/ul 98
49) Acenaphthene	14.38	153	451619	13.529	ng/ul 99
53) Dibenzofuran	14.72	168	509919	10.347	ng/ul 99
58) Fluorene	15.37	166	548459	13.453	ng/ul 98
69) Phenanthrene	17.12	178	2483097	38.350	ng/ul 99
71) Anthracene	17.20	178	334382	5.052	ng/ul 99
72) Carbazole	17.47	167	130633	2.295	ng/ul 98
74) Fluoranthene	19.13	202	1216032	15.325	ng/ul# 95
77) Pyrene	19.49	202	754401	10.139	ng/ul# 94
80) Benzo(a)anthracene	21.24	228	229627	2.955	ng/ul 96
82) Chrysene	21.29	228	193365	2.682	ng/ul 98
85) Benzo(b)fluoranthene	22.82	252	138661	2.037	ng/ul# 97
88) Benzo(a)pyrene	23.38	252	76773	1.256	ng/ul# 94

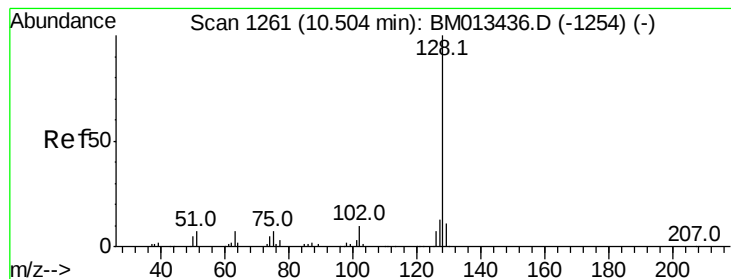
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration





#28

Naphthalene

Concen: 57.407 ng/ul

RT: 10.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM013437.D

Acq: 15 Dec 2017 13:45

Instrument :

BNA_M

ClientSampleId :

F9B14MEDL

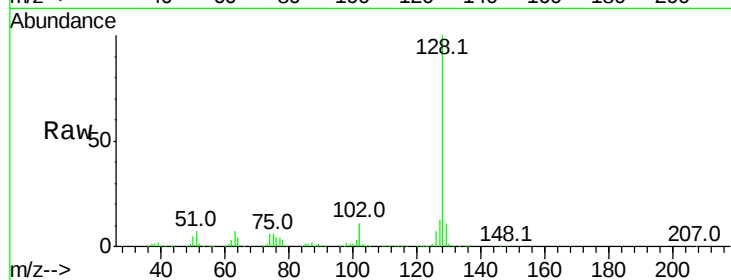
Tot Ion:128 Resp: 2332765

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.3	10.6	16.0

128 100

129 11.0 8.8 13.2

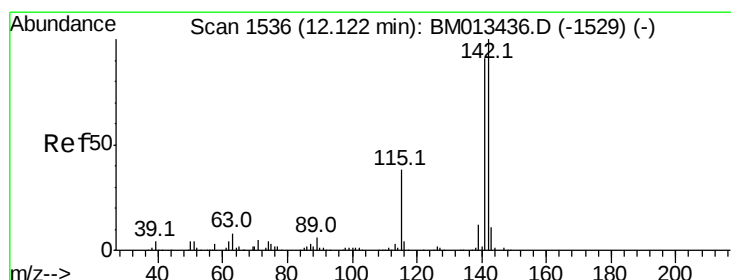
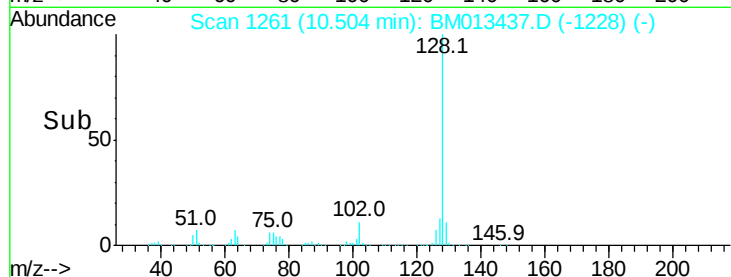
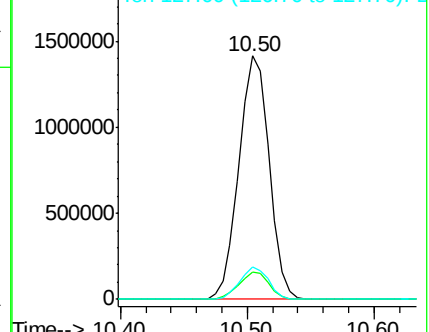
127 13.3 10.6 16.0



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



#34

2-Methylnaphthalene

Concen: 15.983 ng/ul

RT: 12.12 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BM013437.D

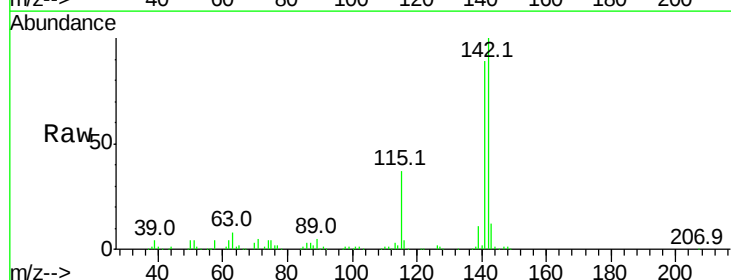
Acq: 15 Dec 2017 13:45

Tgt Ion:142 Resp: 488220

Ion	Ratio	Lower	Upper
142	100		
141	88.8	74.1	111.1

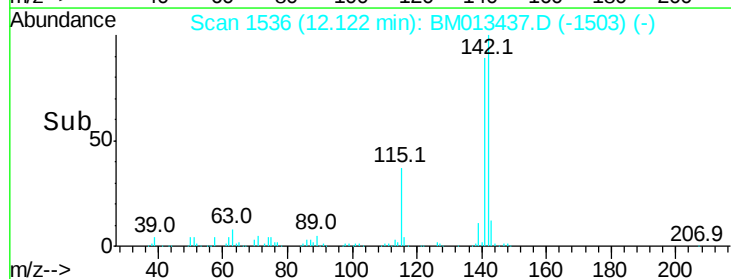
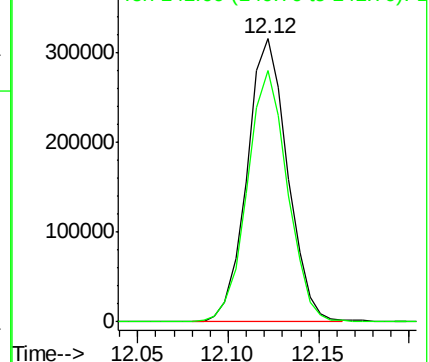
142 100

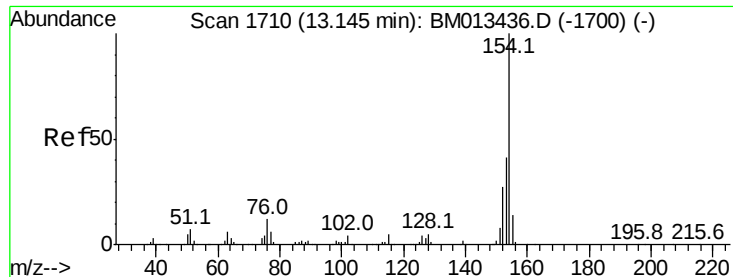
141 88.8 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

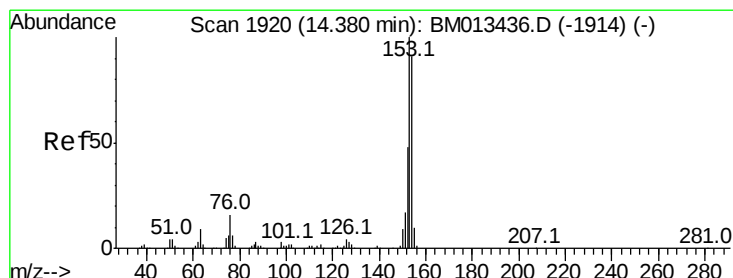
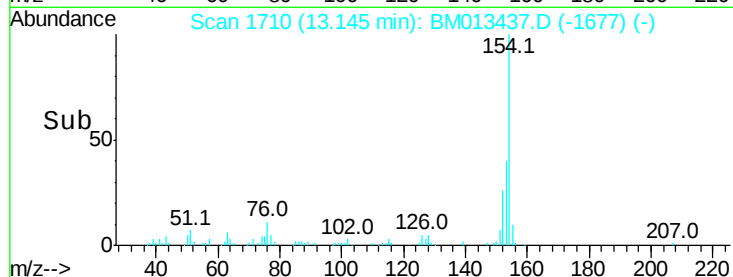
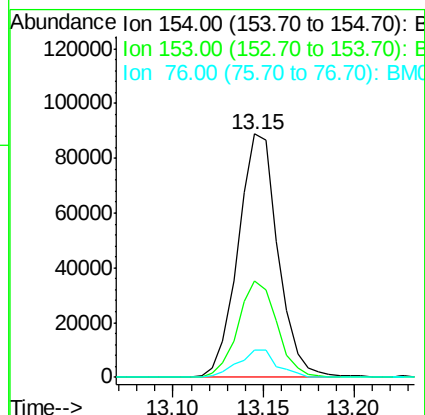
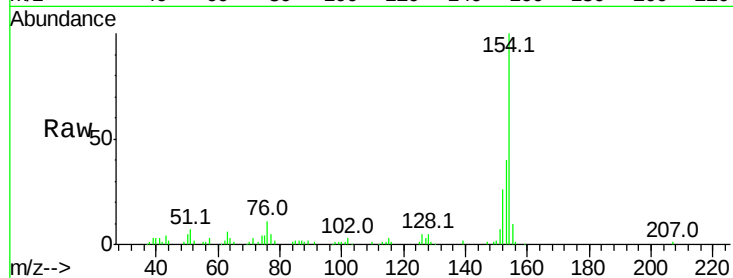




#40
1,1'-Biphenyl
Concen: 3.336 ng/ul
RT: 13.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BM013437.D
Acq: 15 Dec 2017 13:45

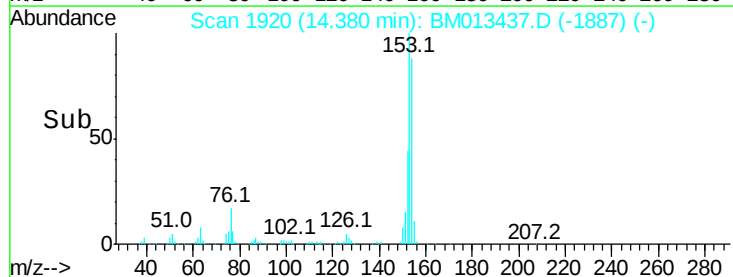
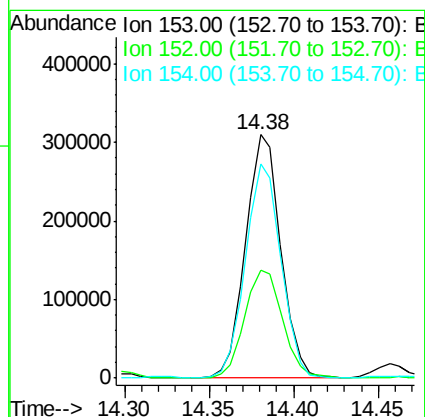
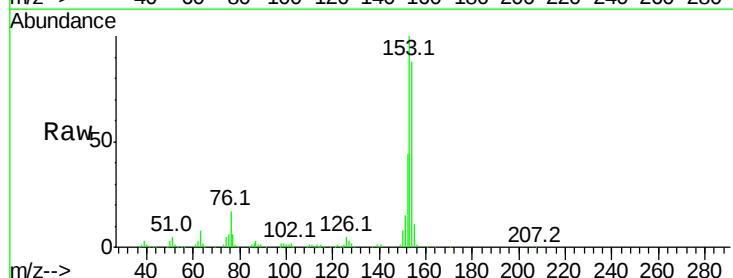
Instrument :
BNA_M
ClientSampleId :
F9B14MEDL

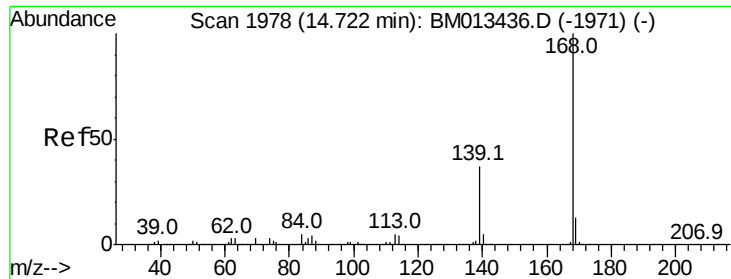
Tot Ion:	154	Resp:	135955
Ion	Ratio	Lower	Upper
154	100		
153	39.7	32.6	48.8
76	11.3	8.5	12.7



#49
Acenaphthene
Concen: 13.529 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BM013437.D
Acq: 15 Dec 2017 13:45

Tgt Ion:	153	Resp:	451619
Ion	Ratio	Lower	Upper
153	100		
152	44.4	37.6	56.4
154	87.8	70.4	105.6





#53

Dibenzenofuran

Concen: 10.347 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM013437.D

Acq: 15 Dec 2017 13:45

Instrument :

BNA_M

ClientSampleId :

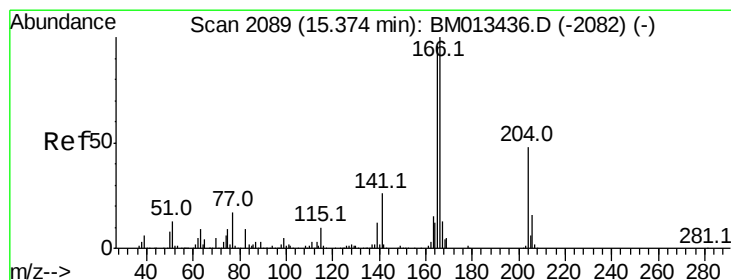
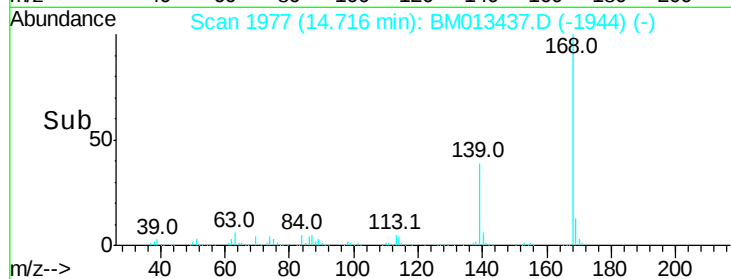
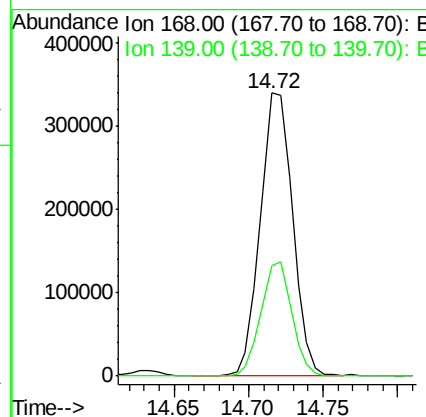
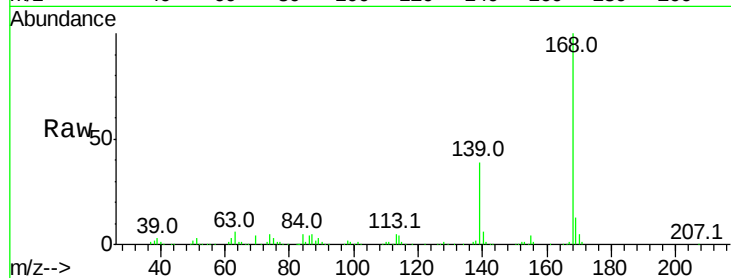
F9B14MEDL

Tot Ion:168 Resp: 509919

Ion Ratio Lower Upper

168 100

139 39.1 30.8 46.2



#58

Fluorene

Concen: 13.453 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BM013437.D

Acq: 15 Dec 2017 13:45

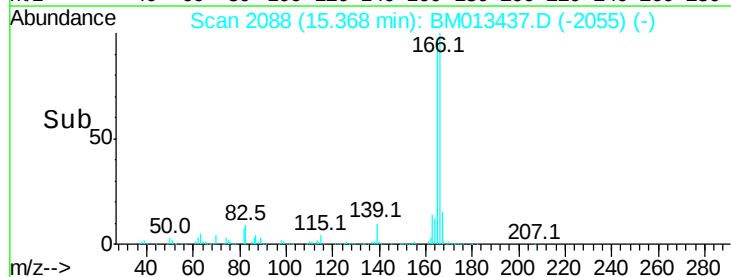
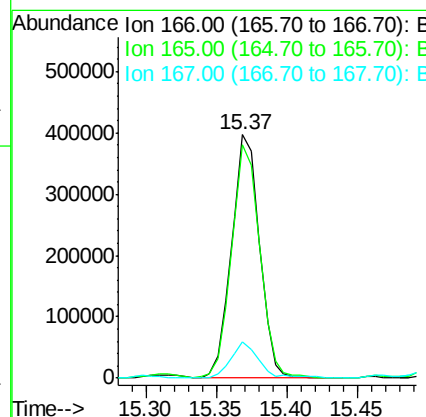
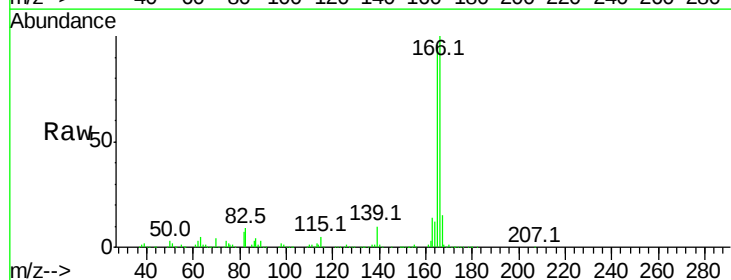
Tgt Ion:166 Resp: 548459

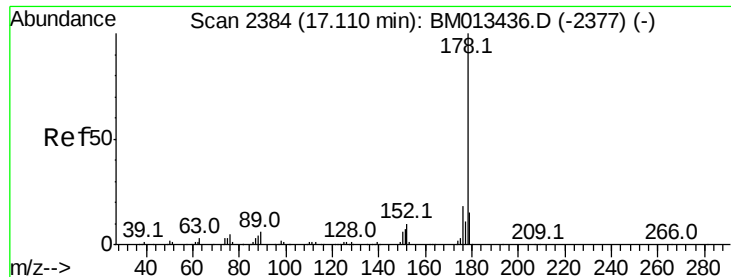
Ion Ratio Lower Upper

166 100

165 95.9 77.9 116.9

167 14.8 10.6 16.0





#69

Phenanthrene

Concen: 38.350 ng/ul

RT: 17.12 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BM013437.D

Acq: 15 Dec 2017 13:45

Instrument :

BNA_M

ClientSampleId :

F9B14MEDL

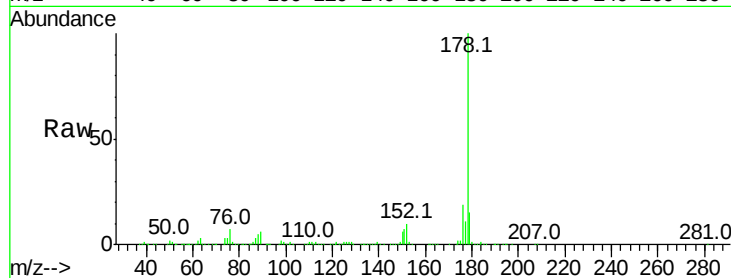
Tot Ion:178 Resp: 2483097

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.6	19.0
176	18.7	14.9	22.3

178 100

179 14.6 12.6 19.0

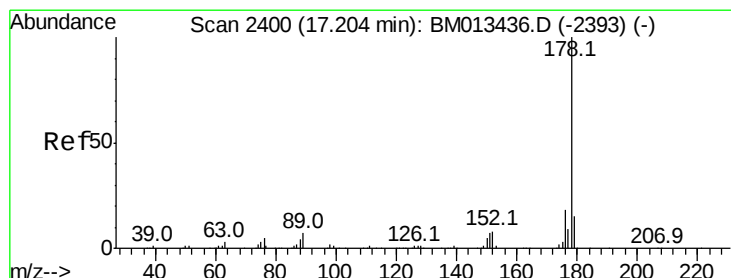
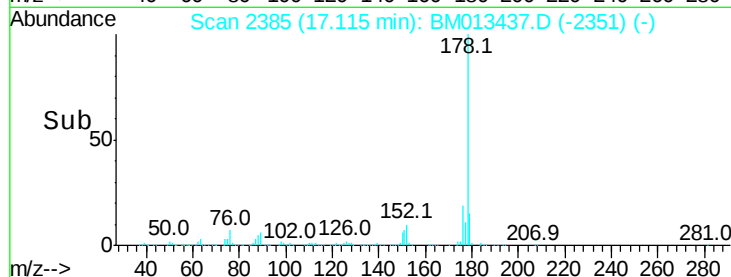
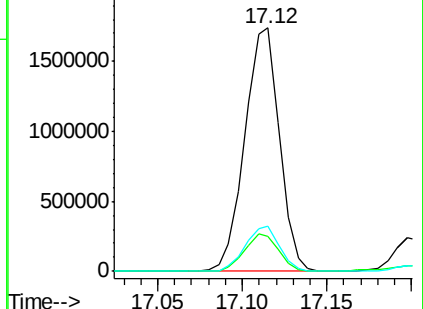
176 18.7 14.9 22.3



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: 5.052 ng/ul

RT: 17.20 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM013437.D

Acq: 15 Dec 2017 13:45

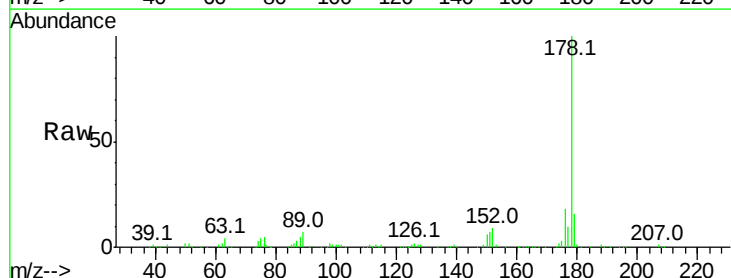
Tgt Ion:178 Resp: 334382

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	18.0	14.6	21.8

178 100

179 15.7 11.7 17.5

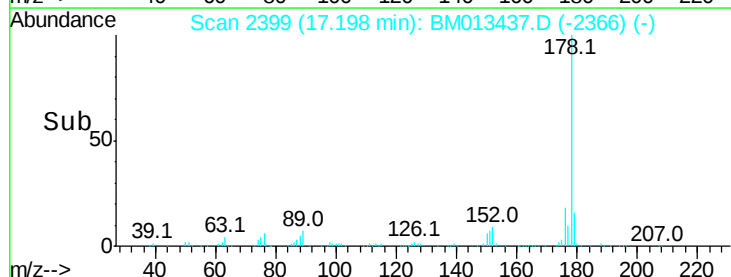
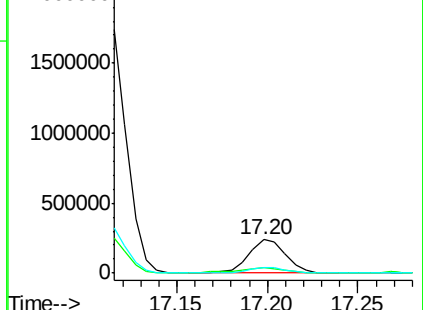
176 18.0 14.6 21.8

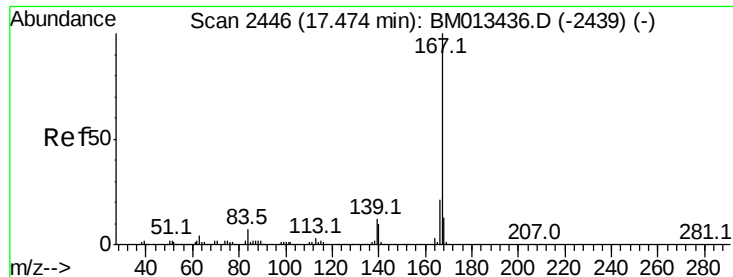


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 2.295 ng/ul

RT: 17.47 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BM013437.D

Acq: 15 Dec 2017 13:45

Instrument :

BNA_M

ClientSampleId :

F9B14MEDL

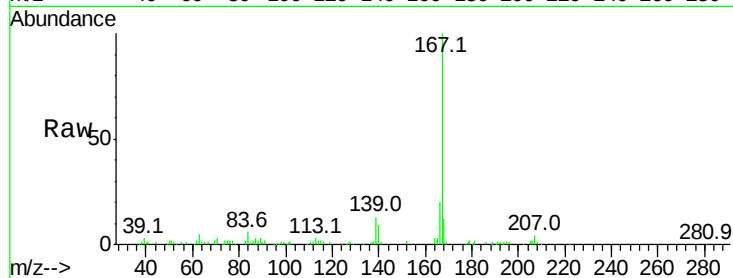
Tot Ion:167 Resp: 130633

Ion Ratio Lower Upper

167 100

166 20.1 17.1 25.7

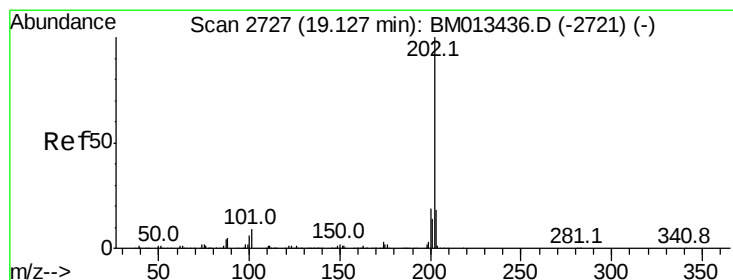
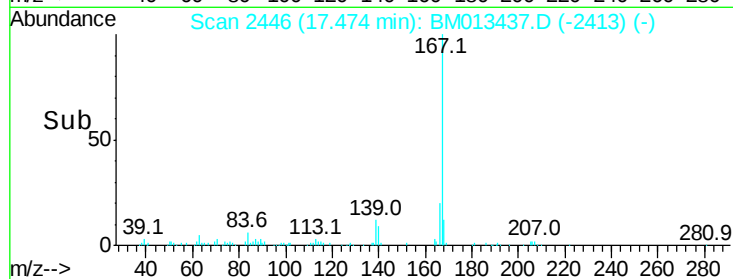
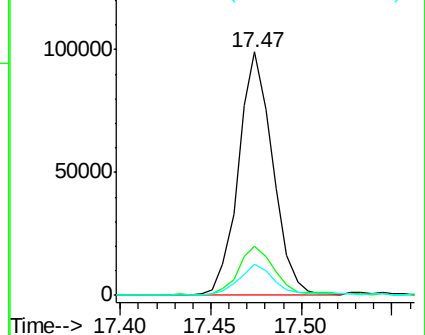
139 12.9 10.0 15.0



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: 15.325 ng/ul

RT: 19.13 min Scan# 2728

Delta R.T. -0.00 min

Lab File: BM013437.D

Acq: 15 Dec 2017 13:45

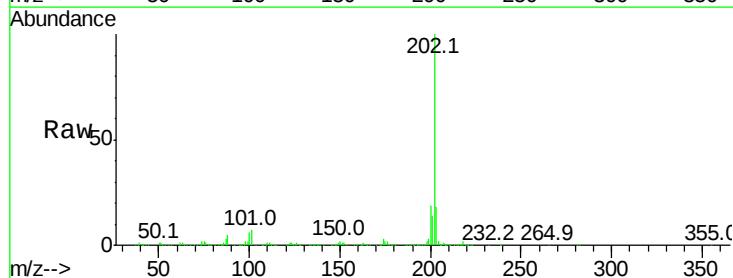
Tgt Ion:202 Resp: 1216032

Ion Ratio Lower Upper

202 100

101 7.5 4.6 7.0#

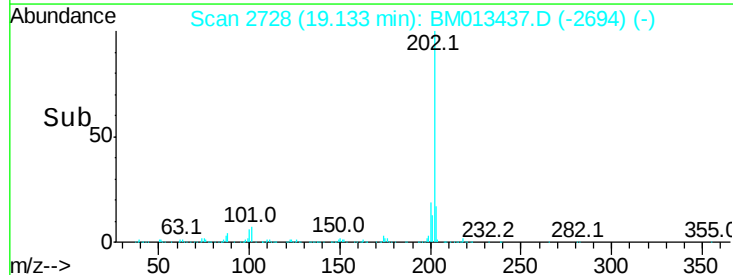
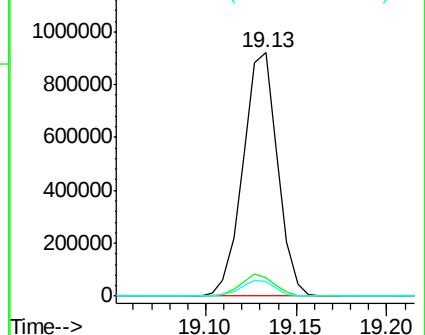
100 6.2 3.4 5.2#

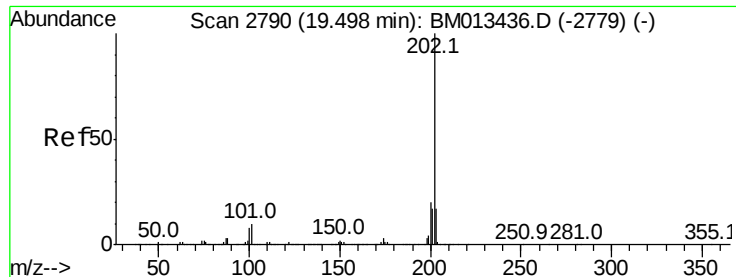


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 10.139 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.01 min

Lab File: BM013437.D

Acq: 15 Dec 2017 13:45

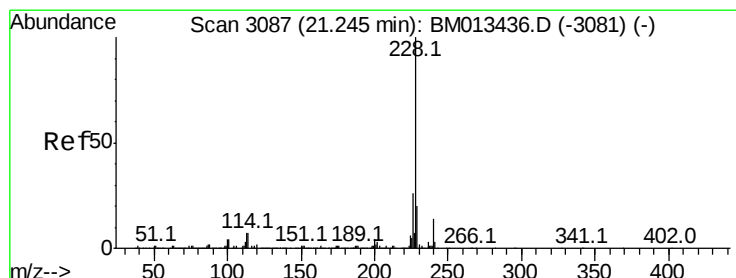
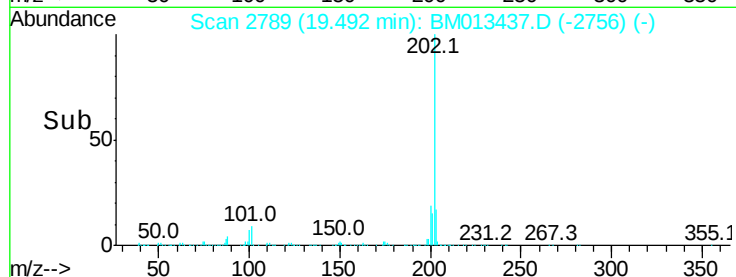
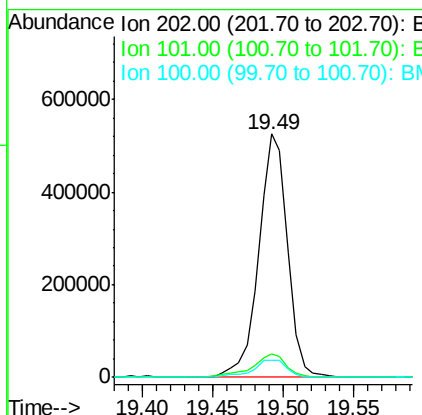
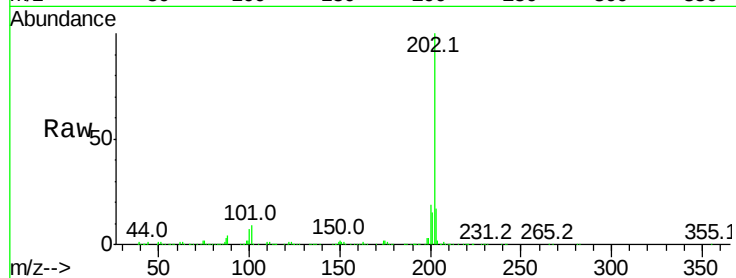
Instrument :

BNA_M

ClientSampleId :

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Tot Ion:	202	Resp:	754401
Ion	Ratio	Lower	Upper
202	100		
101	9.5	5.1	7.7#
100	7.2	4.9	7.3



#80

Benzo(a)anthracene

Concen: 2.955 ng/ul

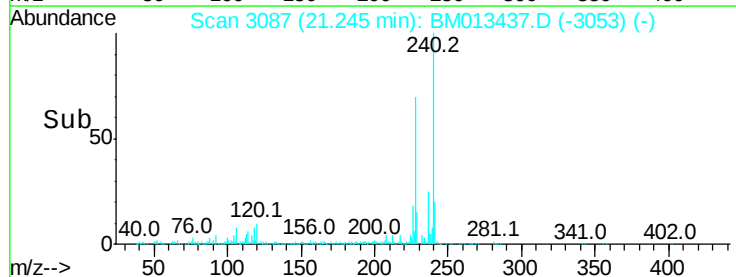
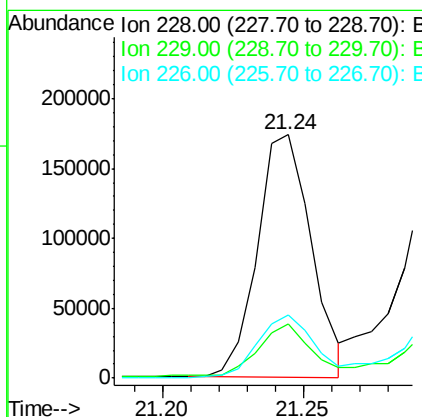
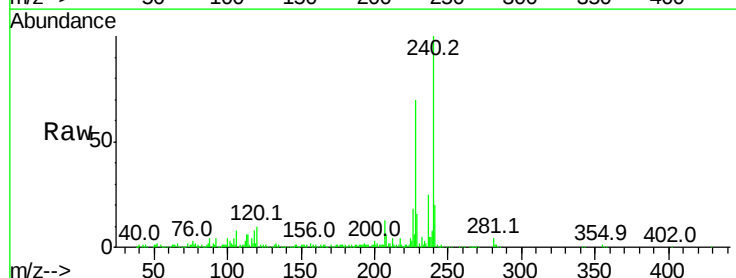
RT: 21.24 min Scan# 3087

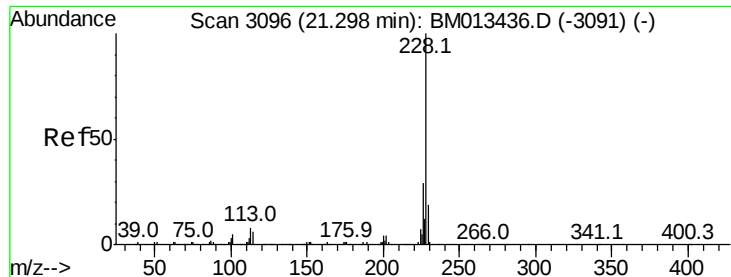
Delta R.T. -0.00 min

Lab File: BM013437.D

Acq: 15 Dec 2017 13:45

Tgt Ion:	228	Resp:	229627
Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.4	23.0
226	25.9	21.4	32.0





#82

Chrysene

Concen: 2.682 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM013437.D

Acq: 15 Dec 2017 13:45

Instrument :

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ClientSampleId :

F9B14MEDL

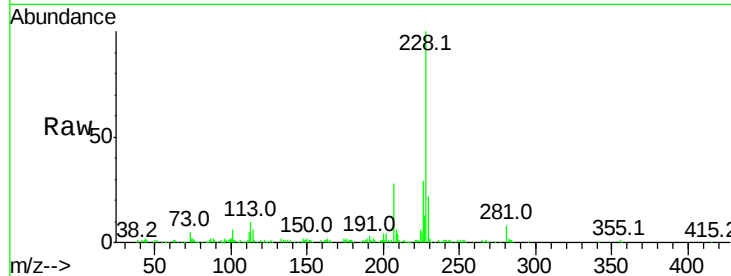
Tot Ion:228 Resp: 193365

Ion Ratio Lower Upper

228 100

226 29.3 23.4 35.2

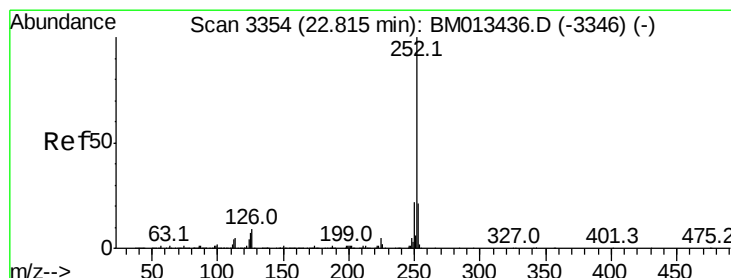
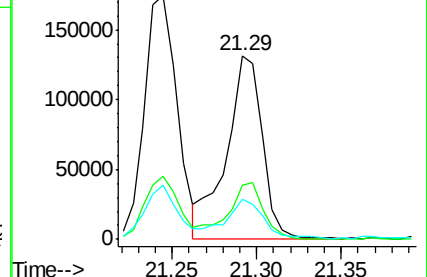
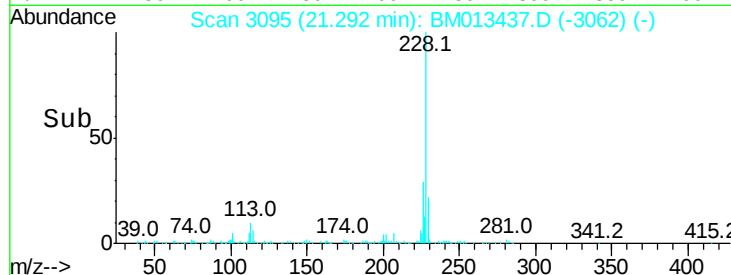
229 22.1 15.5 23.3



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



#85

Benzo(b)fluoranthene

Concen: 2.037 ng/ul

RT: 22.82 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BM013437.D

Acq: 15 Dec 2017 13:45

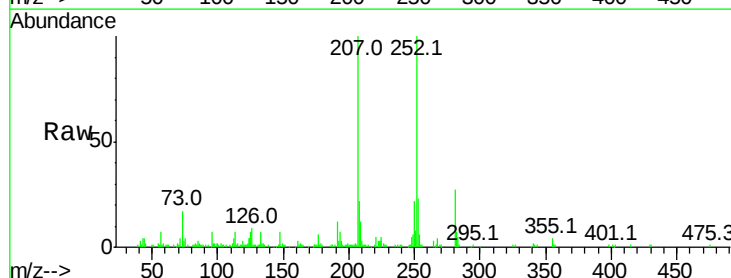
Tgt Ion:252 Resp: 138661

Ion Ratio Lower Upper

252 100

253 23.2 17.9 26.9

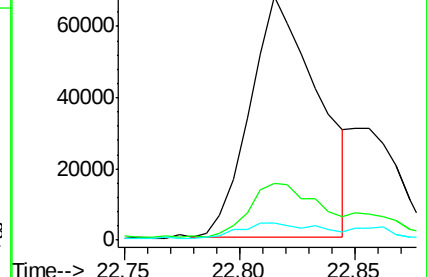
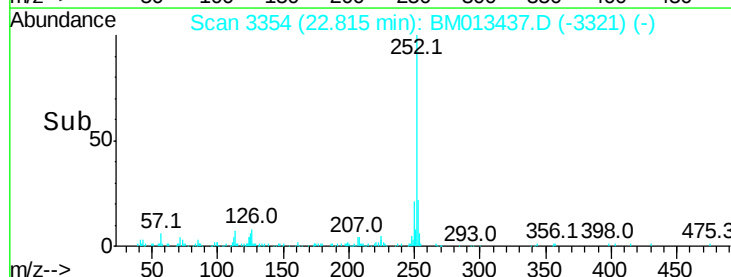
125 6.9 3.6 5.4#

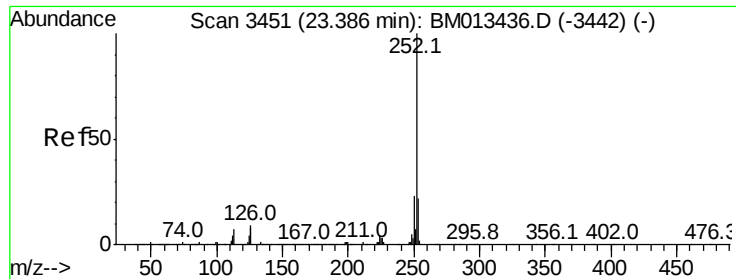


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.256 ng/ul

RT: 23.38 min Scan# 3450

Delta R.T. -0.01 min

Lab File: BM013437.D

Acq: 15 Dec 2017 13:45

Instrument :

BNA_M

ClientSampleId :

F9B14MEDL

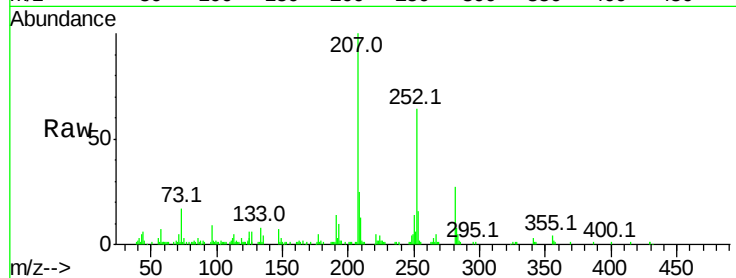
Tot Ion:252 Resp: 76773

Ion Ratio Lower Upper

252 100

253 24.8 18.2 27.2

125 9.5 4.0 6.0#



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

