

Data File : BM013945.D
Acq On : 29 Jan 2018 04:48
Operator : SJ/JU
Sample : J1243-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B29

Quant Time: Jan 29 06:11:10 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 04:03:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	184974	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	705527	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	385674	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	781919	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	753823	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	782692	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.14	96	13809	2.95	ng/uL	0.00
5) Phenol-d5	6.76	99	319703	22.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.92	67	200602	23.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.11	132	278909	24.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	263537	24.14	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	135768	24.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	153675	26.57	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	277033	24.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	216200	22.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	849438	26.72	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	1064814	26.27	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	87791	16.99	ng/ul	0.00
57) Fluorene-d10	15.23	176	707738	25.32	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	98680	20.97	ng/ul	0.00
70) Anthracene-d10	16.99	188	781919	20.53	ng/ul	-0.09
76) Pyrene-d10	19.39	212	1054394	30.04	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	979220	27.22	ng/ul	0.00

Target Compounds				Qvalue		
6) Phenol	6.79	94	28778	2.02	ng/ul	97
44) Dimethylphthalate	13.70	163	166537	5.33	ng/ul	98
55) 2,3,4,6-Tetrachlorophenol	14.87	232	10045	1.24	ng/ul#	68
68) Pentachlorophenol	16.64	266	269203	50.96	ng/ul	94
69) Phenanthrene	17.03	178	161328	3.71	ng/ul	98
71) Anthracene	17.12	178	248047	5.53	ng/ul	99
72) Carbazole	17.40	167	58581	1.58	ng/ul	97
74) Fluoranthene	19.05	202	729158	14.05	ng/ul#	96
77) Pyrene	19.42	202	637841	13.92	ng/ul#	95
80) Benzo(a)anthracene	21.17	228	109676	2.41	ng/ul#	94
82) Chrysene	21.22	228	147847	3.54	ng/ul#	95
85) Benzo(b)fluoranthene	22.72	252	206513	4.30	ng/ul#	97
86) Benzo(k)fluoranthene	22.72	252	206513	4.44	ng/ul#	97
88) Benzo(a)pyrene	23.28	252	88795	1.96	ng/ul#	90
89) Indeno(1,2,3-cd)pyrene	25.56	276	62111	1.16	ng/ul#	92
91) Benzo(g,h,i)perylene	26.22	276	47759	1.08	ng/ul#	93

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

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Sample : J1243-06

Misc :

ALS Vial : 27 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F6B29

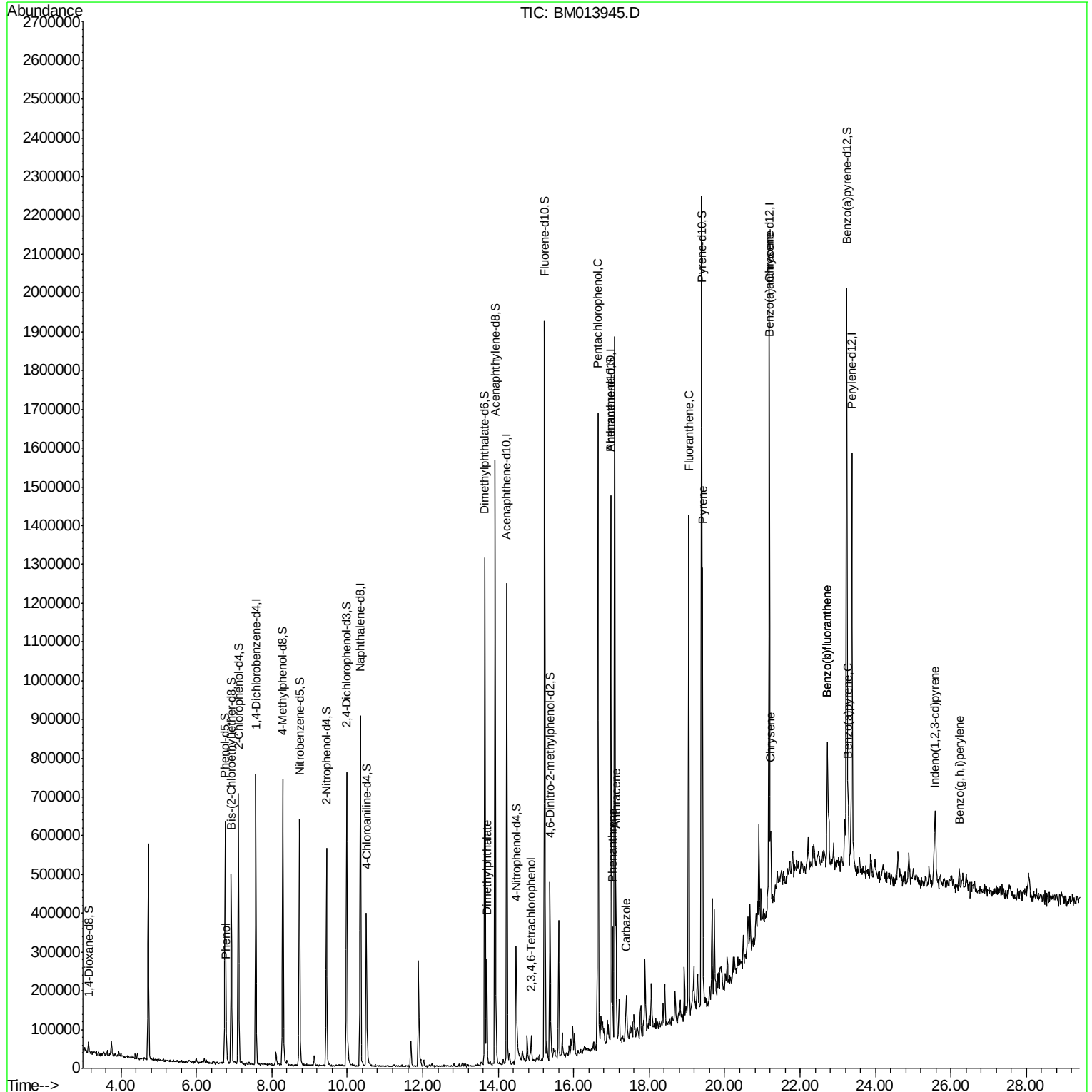
Quant Time: Jan 29 06:11:10 2018

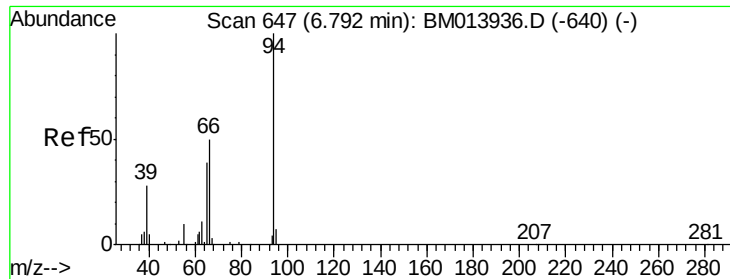
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jan 29 04:03:39 2018

Response via : Initial Calibration





#6

Phenol

Concen: 2.02 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM013945.D

Acq: 29 Jan 2018 04:48

Instrument :

BNA_M

ClientSampleId :

F6B29

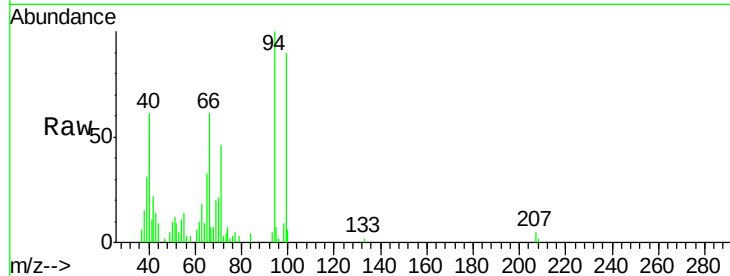
Tgt Ion: 94 Resp: 28778

Ion Ratio Lower Upper

94 100

65 33.1 28.2 42.4

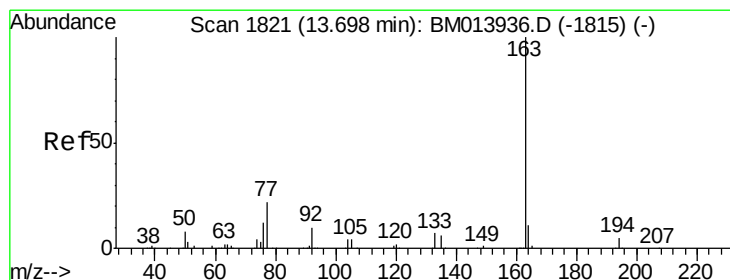
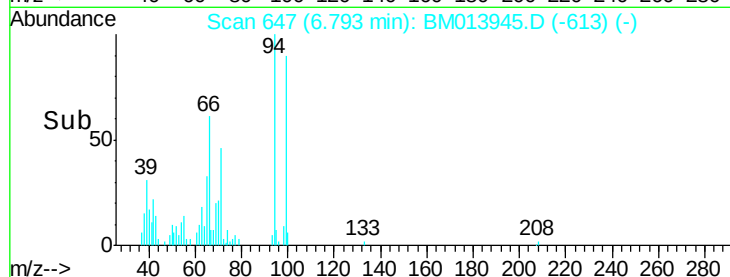
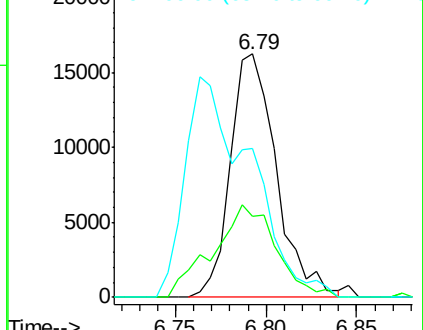
66 61.1 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013936.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM013936.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM013936.D (-640) (-)



#44

Dimethylphthalate

Concen: 5.33 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BM013945.D

Acq: 29 Jan 2018 04:48

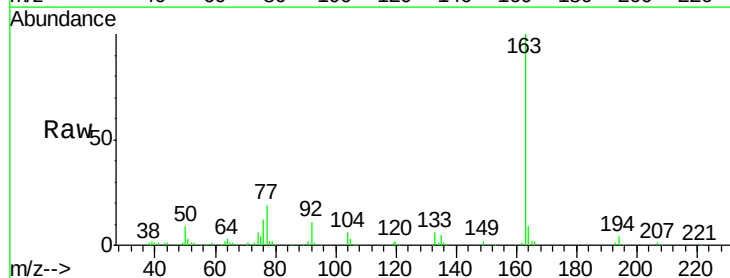
Tgt Ion: 163 Resp: 166537

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

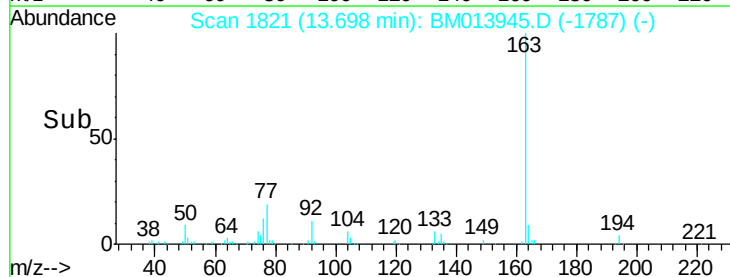
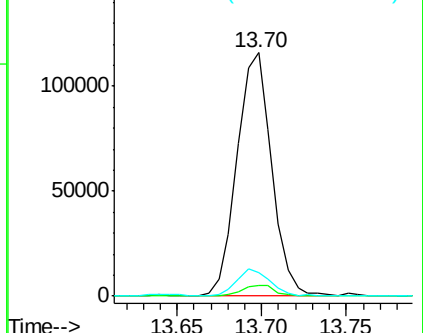
164 9.4 8.2 12.4

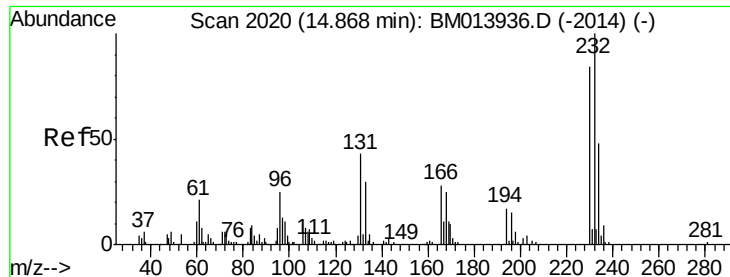


Abundance Ion 163.00 (162.70 to 163.70): BM013936.D (-1815) (-)

Ion 194.00 (193.70 to 194.70): BM013936.D (-1815) (-)

Ion 164.00 (163.70 to 164.70): BM013936.D (-1815) (-)





#55

2,3,4,6-Tetrachlorophenol

Concen: 1.24 ng/ul

RT: 14.87 min Scan# 2021

Delta R.T. 0.01 min

Lab File: BM013945.D

Acq: 29 Jan 2018 04:48

Instrument :

BNA_M

ClientSampleId :

F6B29

Tgt Ion:232 Resp: 10045

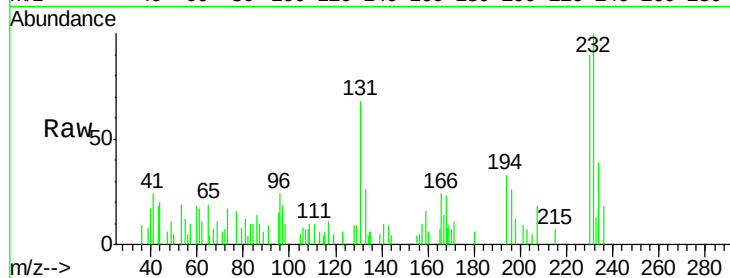
Ion Ratio Lower Upper

232 100

131 68.1 29.0 43.4#

130 0.0 2.0 3.0#

166 24.4 21.4 32.2

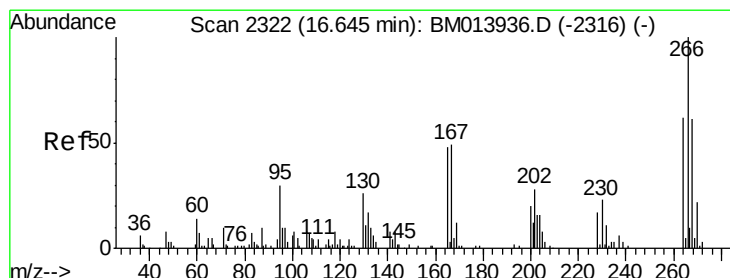
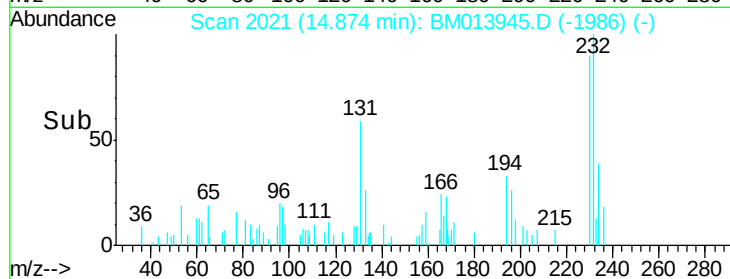
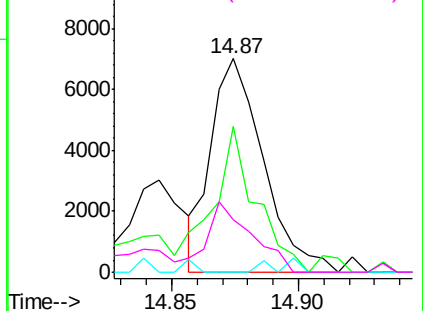


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#68

Pentachlorophenol

Concen: 50.96 ng/ul

RT: 16.64 min Scan# 2321

Delta R.T. -0.01 min

Lab File: BM013945.D

Acq: 29 Jan 2018 04:48

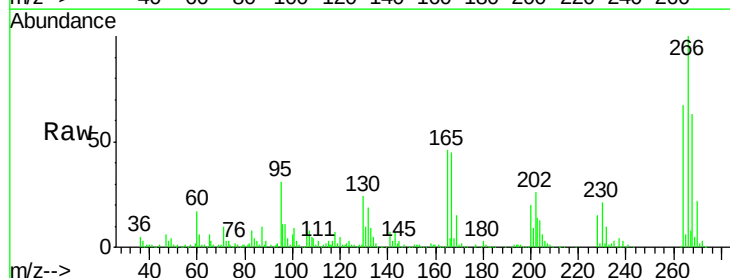
Tgt Ion:266 Resp: 269203

Ion Ratio Lower Upper

266 100

264 67.4 49.3 73.9

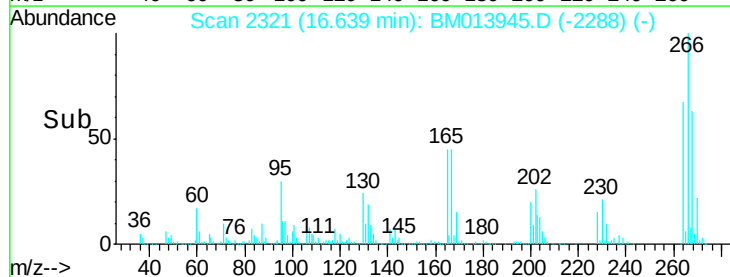
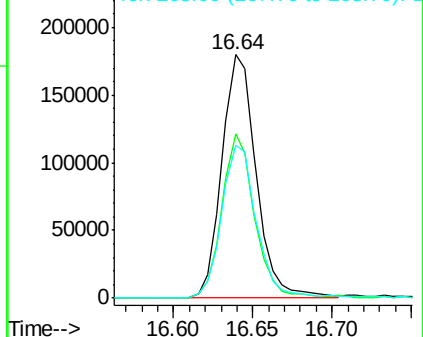
268 62.5 52.6 78.8

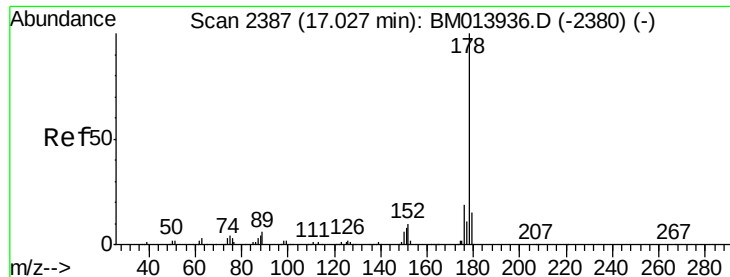


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#69

Phenanthrene

Concen: 3.71 ng/ul

RT: 17.03 min Scan# 2387

Delta R.T. 0.00 min

Lab File: BM013945.D

Acq: 29 Jan 2018 04:48

Instrument :

BNA_M

ClientSampleId :

F6B29

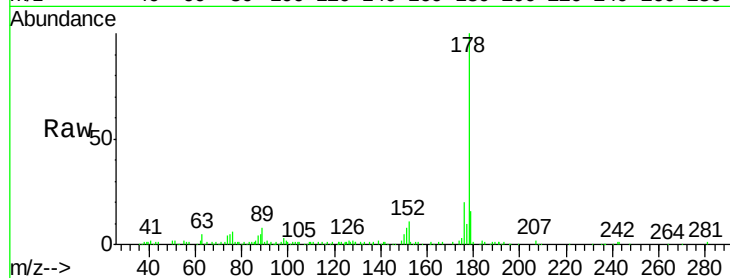
Tgt Ion:178 Resp: 161328

Ion Ratio Lower Upper

178 100

179 16.3 12.6 19.0

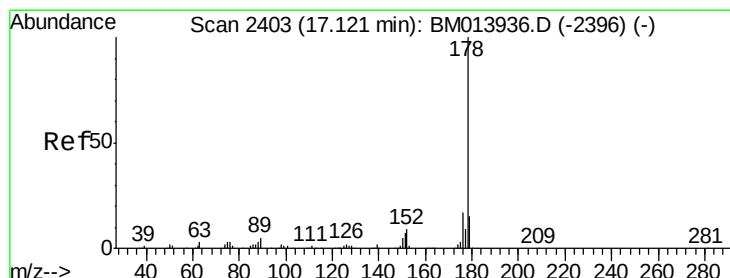
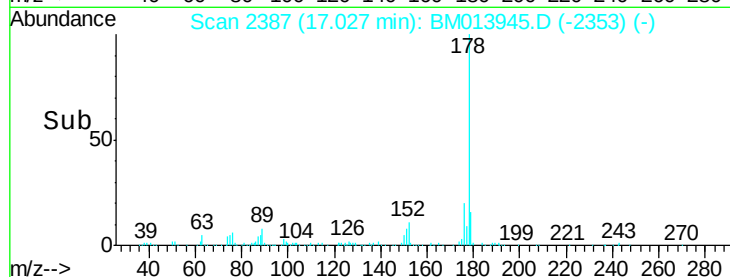
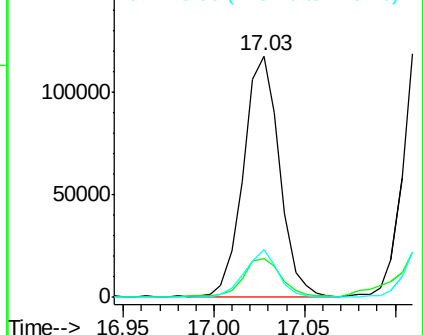
176 20.0 14.9 22.3



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: 5.53 ng/ul

RT: 17.12 min Scan# 2402

Delta R.T. -0.01 min

Lab File: BM013945.D

Acq: 29 Jan 2018 04:48

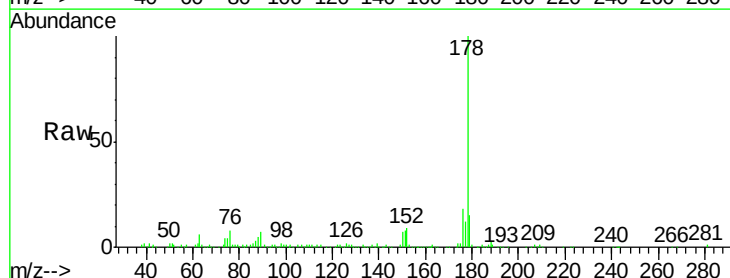
Tgt Ion:178 Resp: 248047

Ion Ratio Lower Upper

178 100

179 15.1 11.7 17.5

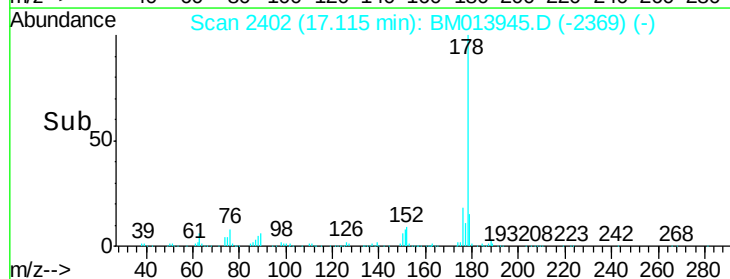
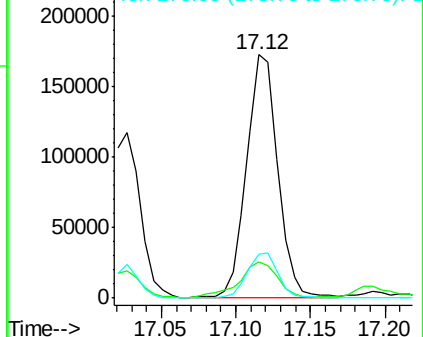
176 18.2 14.6 21.8

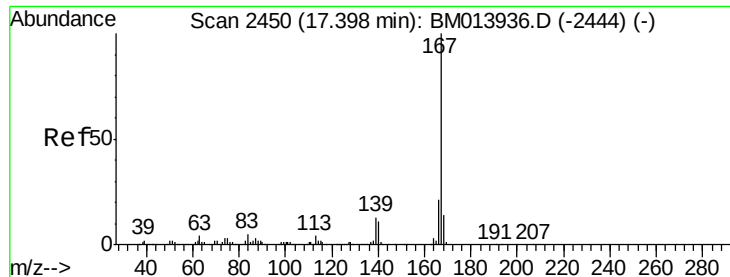


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

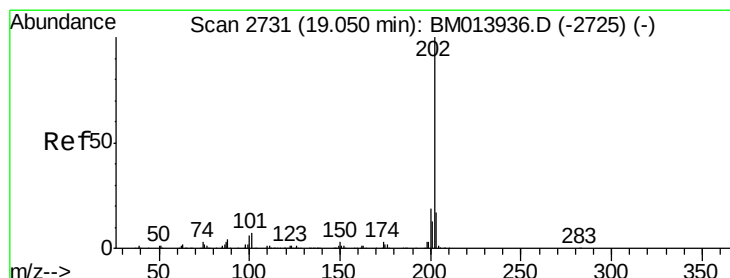
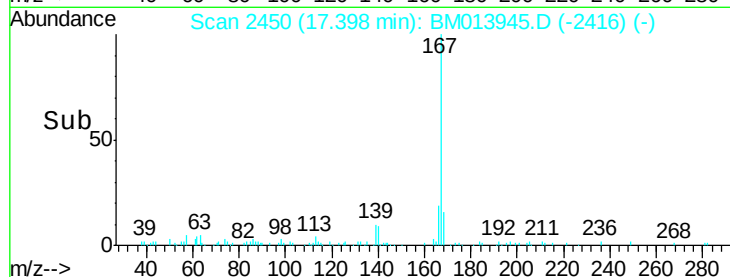
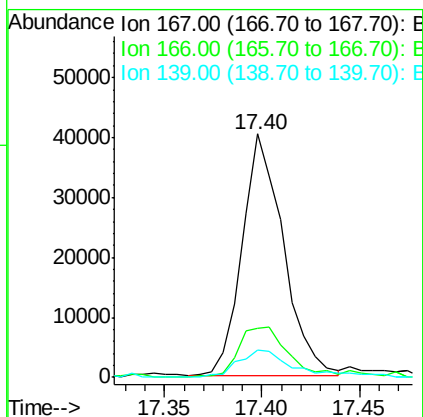
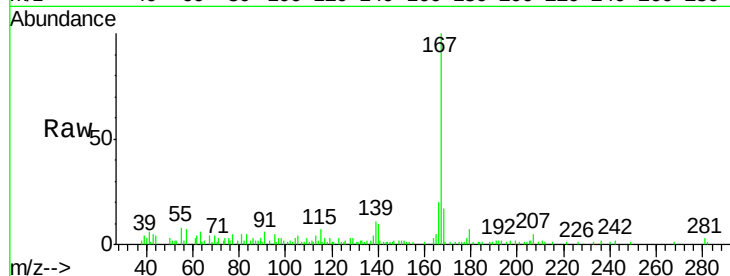




#72
 Carbazole
 Concen: 1.58 ng/ul
 RT: 17.40 min Scan# 2450
 Delta R.T. 0.00 min
 Lab File: BM013945.D
 Acq: 29 Jan 2018 04:48

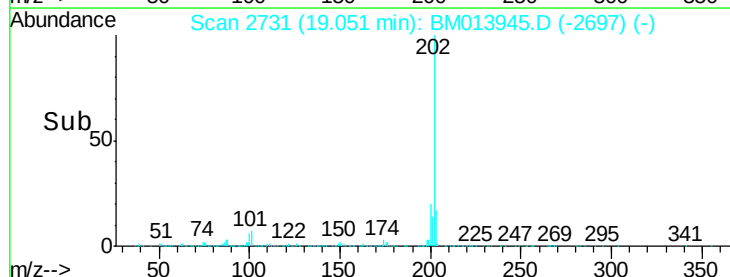
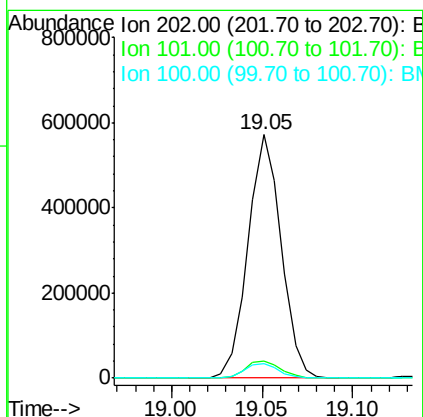
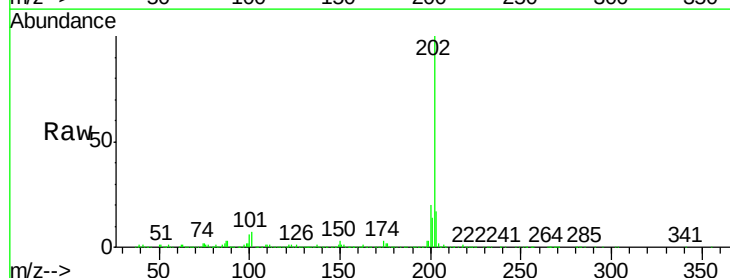
Instrument :
 BNA_M
 ClientSampleId :
 F6B29

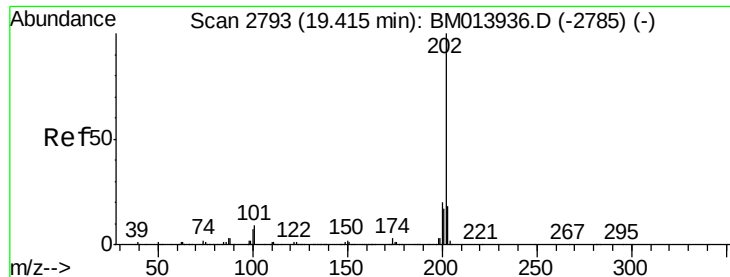
Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.2	17.1	25.7
139	11.2	10.0	15.0



#74
 Fluoranthene
 Concen: 14.05 ng/ul
 RT: 19.05 min Scan# 2731
 Delta R.T. 0.00 min
 Lab File: BM013945.D
 Acq: 29 Jan 2018 04:48

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.0	4.6	7.0#
100	5.8	3.4	5.2#





#77

Pyrene

Concen: 13.92 ng/ul

RT: 19.42 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BM013945.D

Acq: 29 Jan 2018 04:48

Instrument :

BNA_M

ClientSampleId :

F6B29

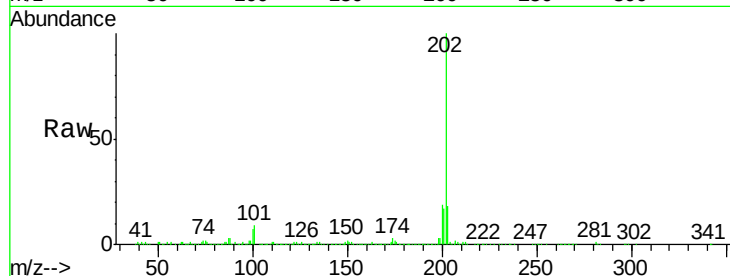
Tgt Ion:202 Resp: 637841

Ion Ratio Lower Upper

202 100

101 8.7 5.1 7.7#

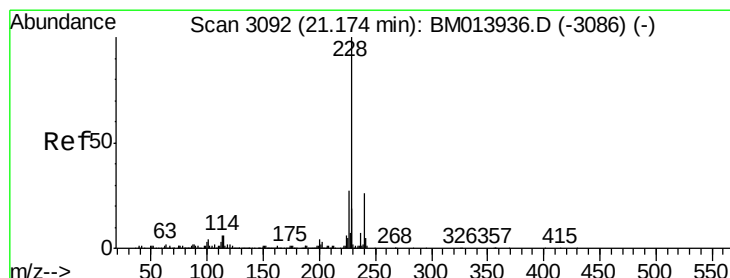
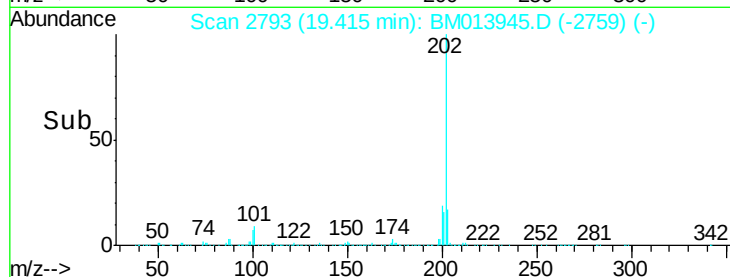
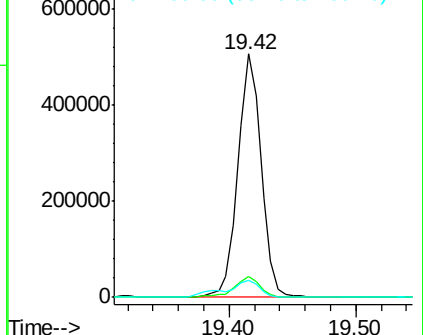
100 7.2 4.9 7.3



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



#80

Benzo(a)anthracene

Concen: 2.41 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM013945.D

Acq: 29 Jan 2018 04:48

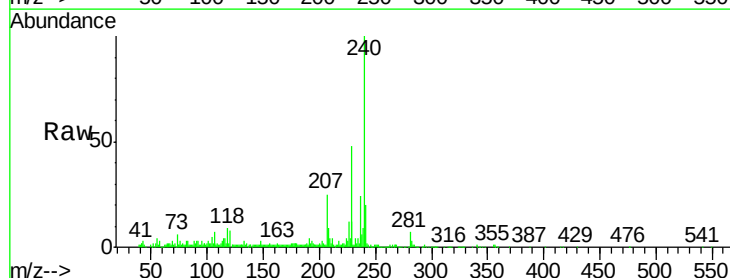
Tgt Ion:228 Resp: 109676

Ion Ratio Lower Upper

228 100

229 24.3 15.4 23.0#

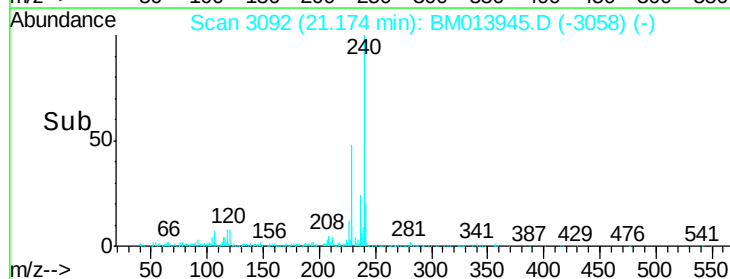
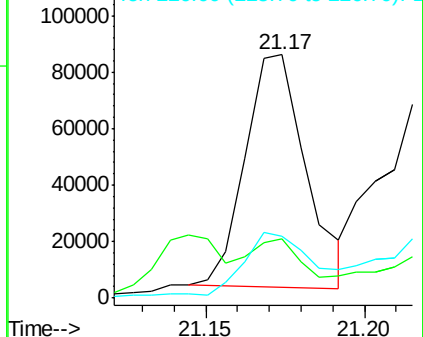
226 25.2 21.4 32.0

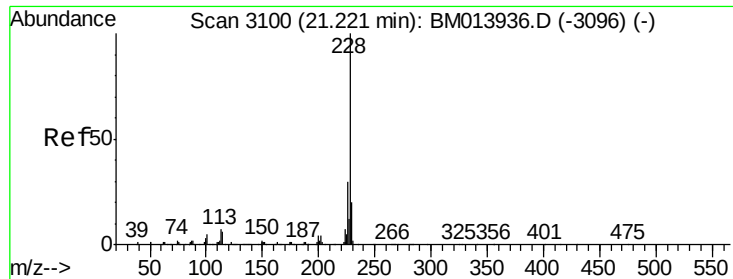


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.54 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BM013945.D

Acq: 29 Jan 2018 04:48

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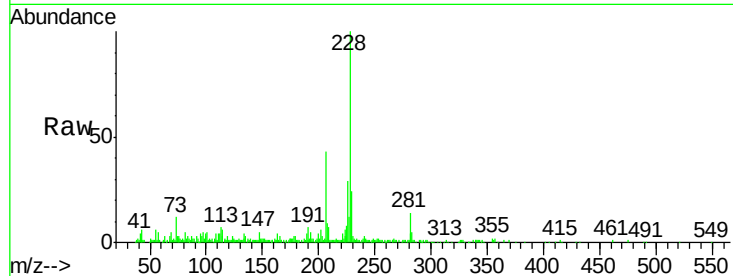
Tgt Ion:228 Resp: 147847

Ion Ratio Lower Upper

228 100

226 28.5 23.4 35.2

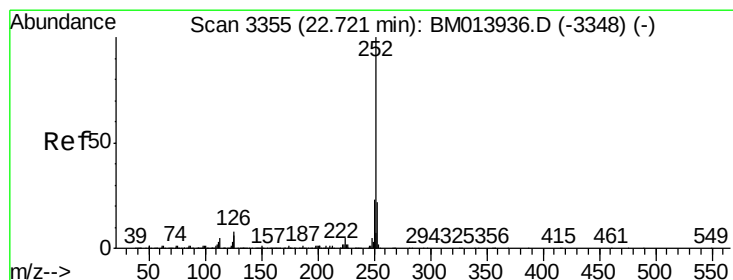
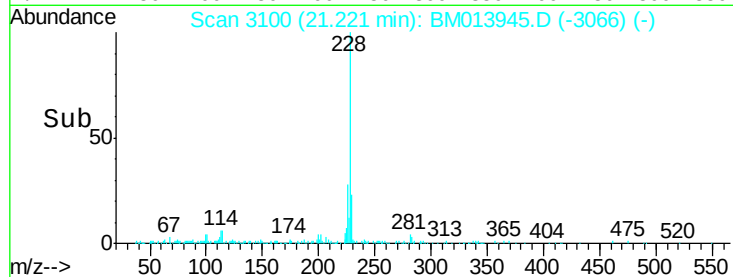
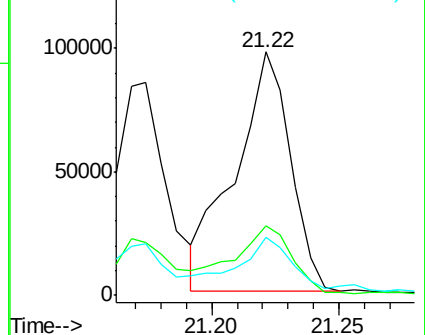
229 23.6 15.5 23.3#



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: 4.30 ng/ul

RT: 22.72 min Scan# 3355

Delta R.T. 0.00 min

Lab File: BM013945.D

Acq: 29 Jan 2018 04:48

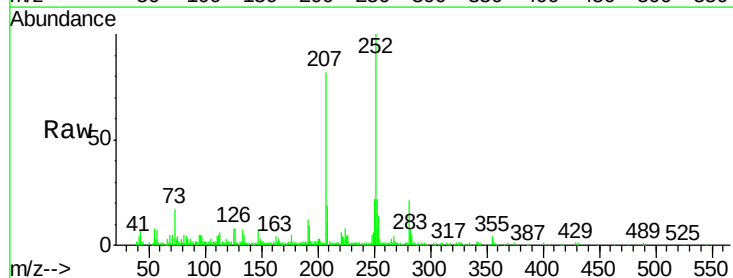
Tgt Ion:252 Resp: 206513

Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

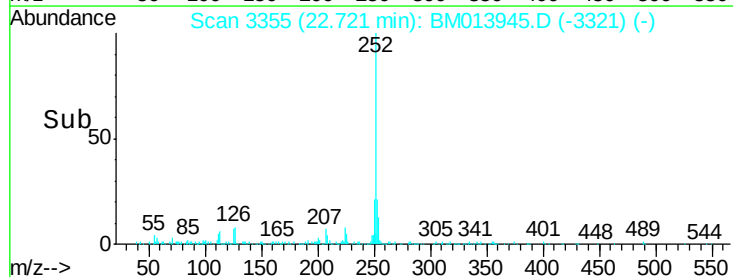
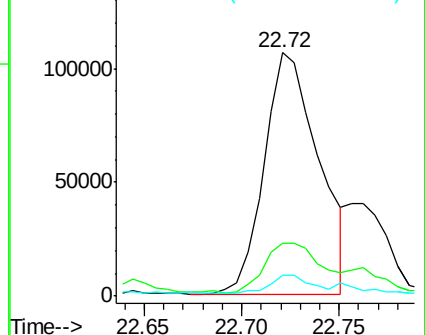
125 8.3 3.6 5.4#

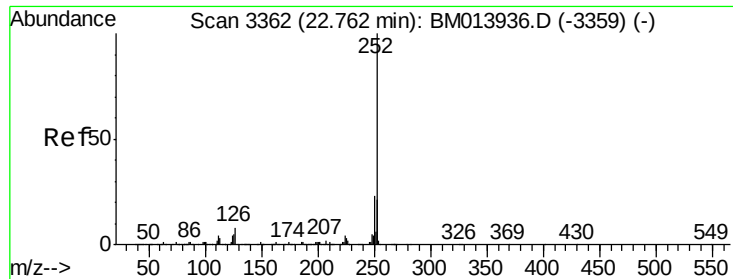


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

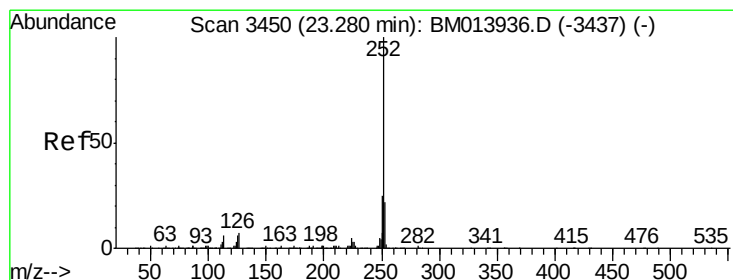
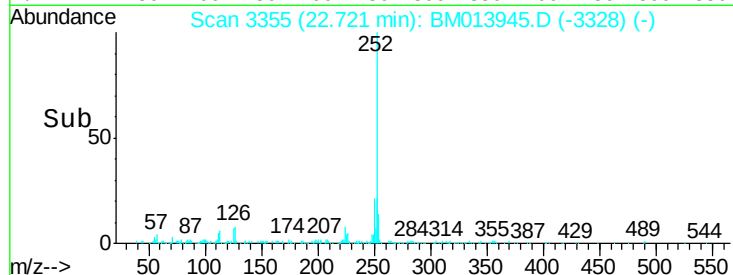
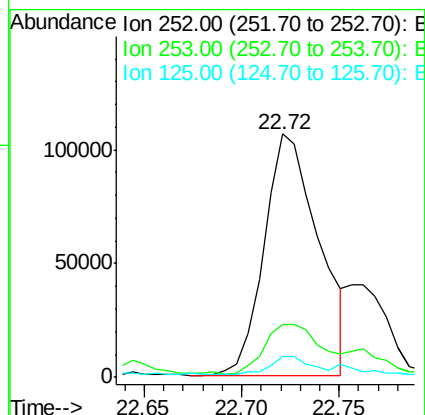
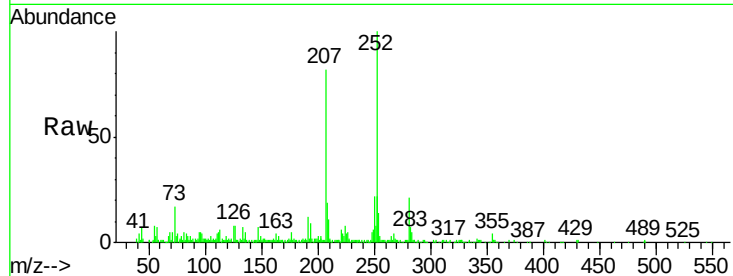




#86
Benzo(k)fluoranthene
Concen: 4.44 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. -0.04 min
Lab File: BM013945.D
Acq: 29 Jan 2018 04:48

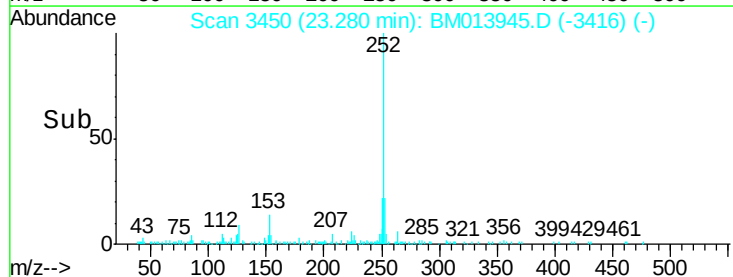
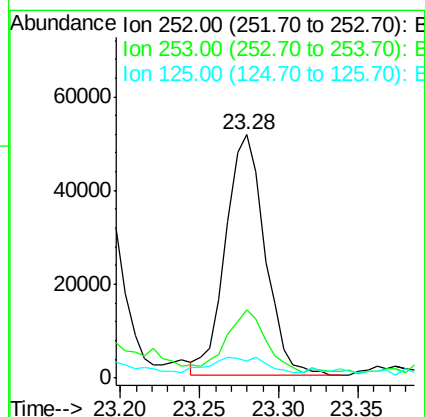
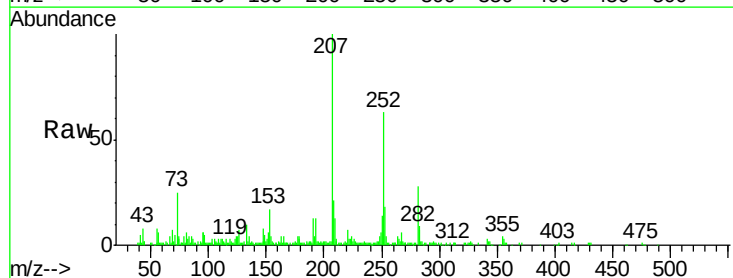
Instrument :
BNA_M
ClientSampleId :
F6B29

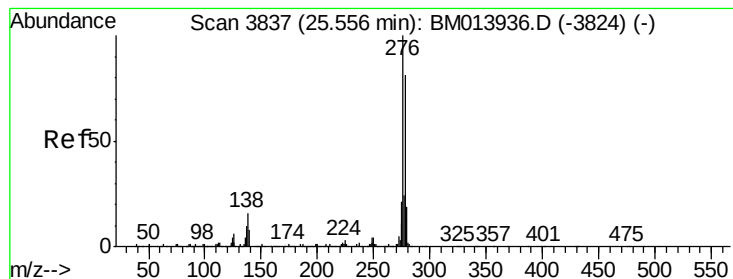
Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.1	25.7
125	8.3	3.4	5.2



#88
Benzo(a)pyrene
Concen: 1.96 ng/ul
RT: 23.28 min Scan# 3450
Delta R.T. 0.00 min
Lab File: BM013945.D
Acq: 29 Jan 2018 04:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.0	18.2	27.2
125	6.9	4.0	6.0





#89

Indeno(1,2,3-cd)pyrene

Concen: 1.16 ng/ul

RT: 25.56 min Scan# 3837

Delta R.T. 0.00 min

Lab File: BM013945.D

Acq: 29 Jan 2018 04:48

Instrument :

BNA_M

ClientSampleId :

F6B29

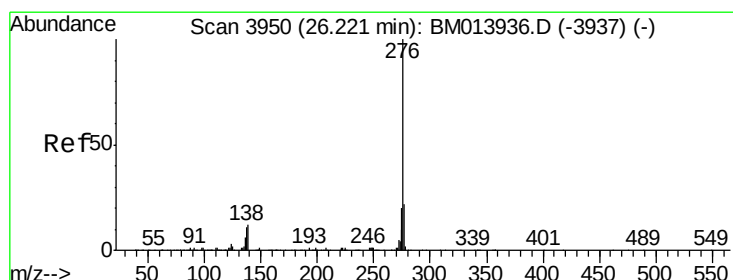
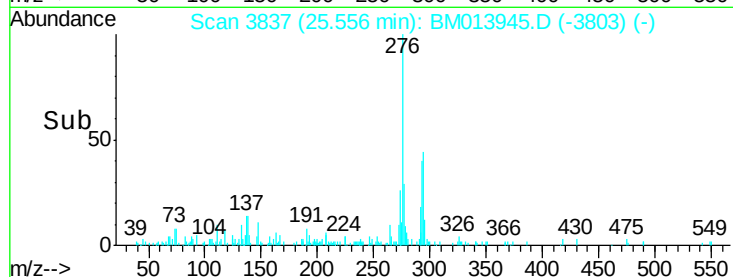
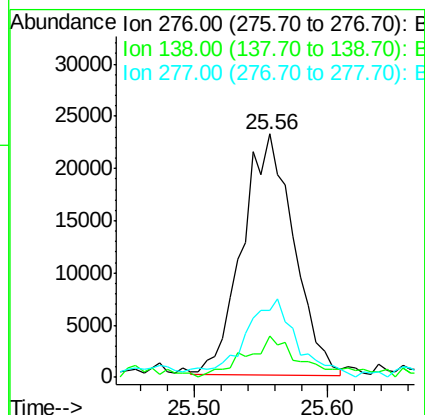
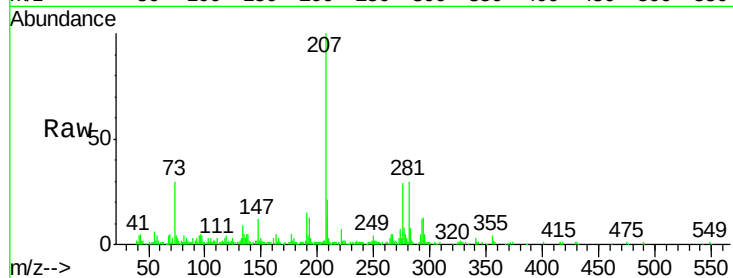
Tgt Ion:276 Resp: 62111

Ion Ratio Lower Upper

276 100

138 16.8 9.3 13.9#

277 27.4 19.9 29.9



#91

Benzo(g,h,i)perylene

Concen: 1.08 ng/ul

RT: 26.22 min Scan# 3950

Delta R.T. 0.00 min

Lab File: BM013945.D

Acq: 29 Jan 2018 04:48

Tgt Ion:276 Resp: 47759

Ion Ratio Lower Upper

276 100

138 16.9 8.5 12.7#

277 24.6 18.6 28.0

