

Data File : BM013925.D
Acq On : 28 Jan 2018 16:52
Operator : SJ/JU
Sample : J1244-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F6B53

Quant Time: Jan 29 02:36:52 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jan 29 02:34:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	118331	20.00	ng/ul	0.00
18) Naphthalene-d8	10.35	136	449560	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	266504	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	636536	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	770471	20.00	ng/ul	0.00
83) Perylene-d12	23.37	264	765469	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	13769	4.60	ng/uL	0.00
5) Phenol-d5	6.77	99	260434	28.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	167790	30.48	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	227562	30.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	221667	31.74	ng/ul	0.00
19) Nitrobenzene-d5	8.73	128	112653	32.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	121333	32.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	230918	32.43	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	241259	39.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	717149	32.65	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	920506	32.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	79149	22.17	ng/ul	0.00
57) Fluorene-d10	15.23	176	649433	33.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	86314	22.53	ng/ul	0.00
70) Anthracene-d10	17.09	188	1022065	32.97	ng/ul	0.00
76) Pyrene-d10	19.39	212	1238865	34.54	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	1240070	35.25	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.79	94	34556	3.79	ng/ul#	90
21) Isophorone	9.45	82	15861	1.09	ng/ul#	77
28) Naphthalene	10.40	128	820393	36.68	ng/ul	100
30) 4-Chloroaniline	10.40	127	109815	17.93	ng/ul#	24
34) 2-Methylnaphthalene	12.02	142	662693	39.74	ng/ul	97
40) 1,1'-Biphenyl	13.06	154	212135	9.56	ng/ul	97
44) Dimethylphthalate	13.70	163	217651	10.08	ng/ul#	98
49) Acenaphthene	14.30	153	837597	47.19	ng/ul	98
53) Dibenzofuran	14.63	168	833991	31.23	ng/ul	98
56) Diethylphthalate	15.07	149	22523	1.04	ng/ul#	89
58) Fluorene	15.29	166	804000	36.76	ng/ul	99
60) 4-Nitroaniline	15.29	138	10208	2.65	ng/ul#	12
69) Phenanthrene	17.03	178	4041158	114.21	ng/ul	99
71) Anthracene	17.12	178	453376	12.42	ng/ul	97
72) Carbazole	17.40	167	132822	4.41	ng/ul	98
74) Fluoranthene	19.06	202	2418004	57.25	ng/ul#	96
77) Pyrene	19.42	202	1567155	33.46	ng/ul#	96
80) Benzo(a)anthracene	21.17	228	341864	7.34	ng/ul	98
82) Chrysene	21.22	228	264963	6.20	ng/ul	94
85) Benzo(b)fluoranthene	22.73	252	165981	3.53	ng/ul#	96
86) Benzo(k)fluoranthene	22.73	252	165981	3.65	ng/ul#	98
88) Benzo(a)pyrene	23.27	252	87100	1.96	ng/ul#	96

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012818\
Quantitation Report (Not Reviewed)

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Quant Time: Jan 29 02:36:52 2018
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Quant Title : SVOA CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : BM013925.D

Acq On : 28 Jan 2018 16:52

Operator : SJ/JU

Sample : J1244-12

Misc :

ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F6B53

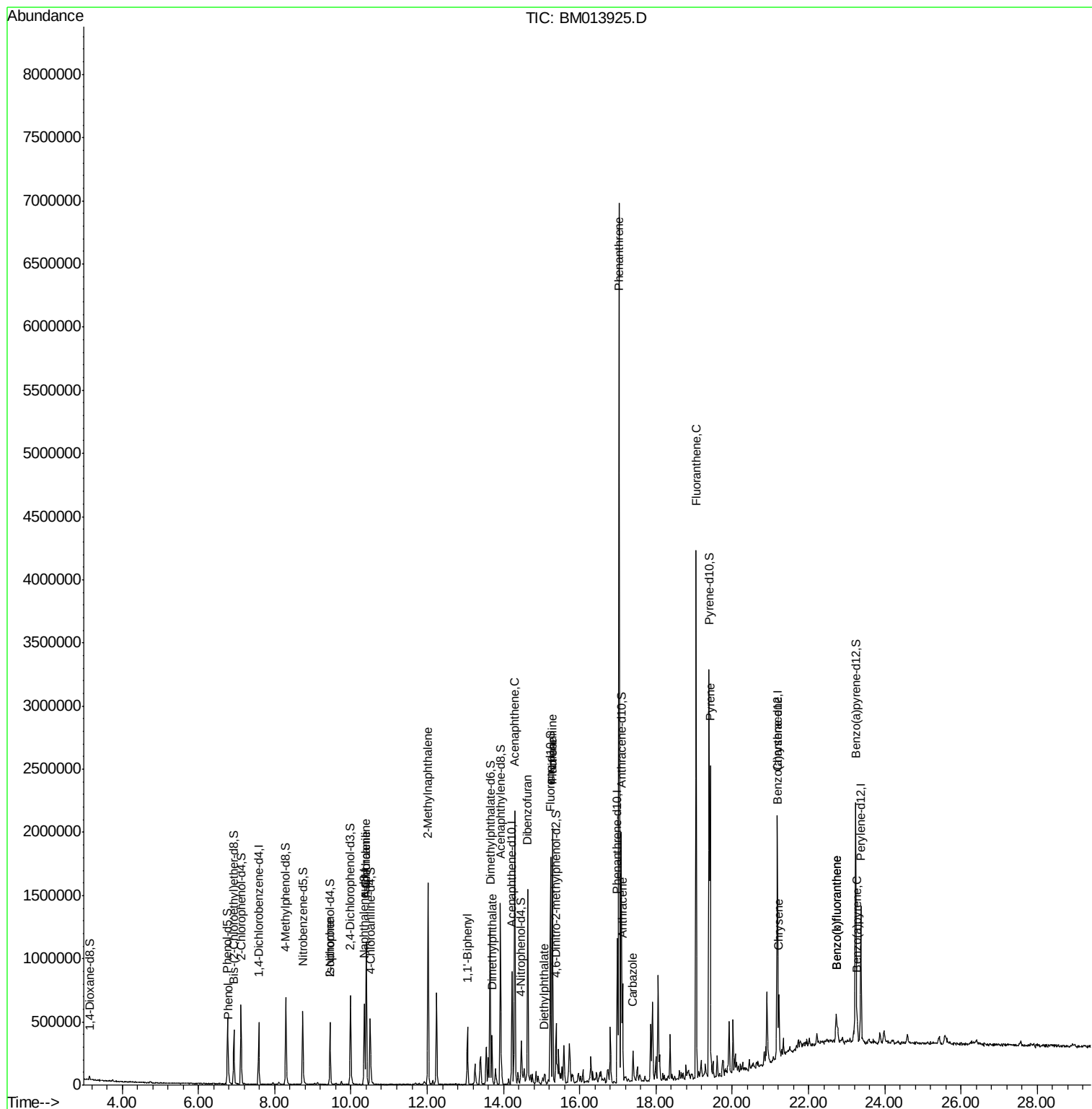
Quant Time: Jan 29 02:36:52 2018

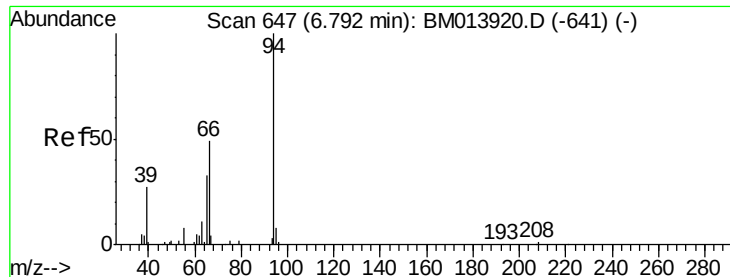
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011018.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jan 29 02:34:24 2018

Response via : Initial Calibration





#6

Phenol

Concen: 3.79 ng/ul

RT: 6.79 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

Instrument :

BNA_M

ClientSampled :

F6B53

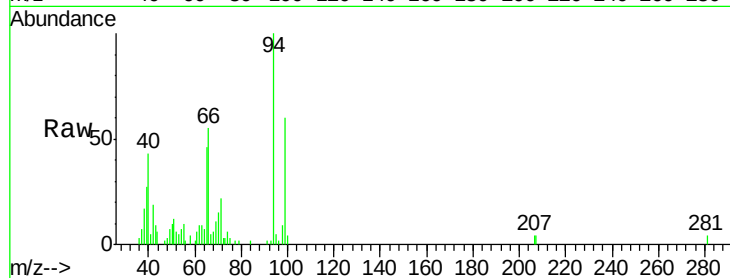
Tgt Ion: 94 Resp: 34556

Ion Ratio Lower Upper

94 100

65 46.0 28.2 42.4#

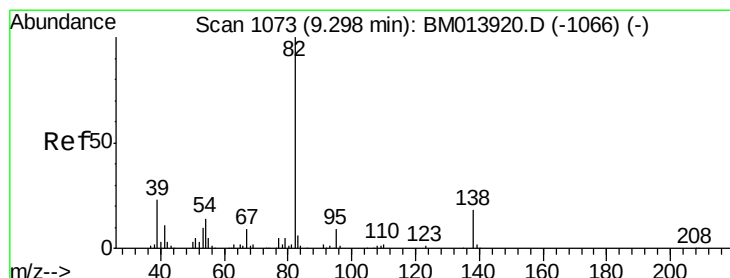
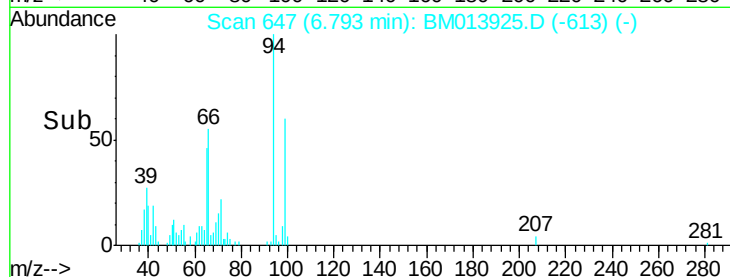
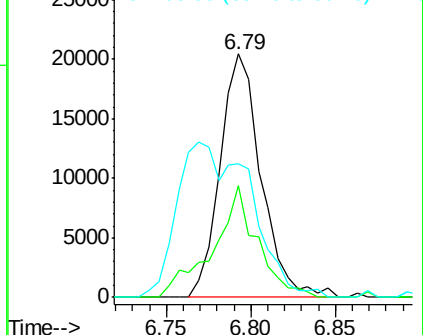
66 54.7 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM013920.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM013920.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM013920.D (-641) (-)



#21

Isophorone

Concen: 1.09 ng/ul

RT: 9.45 min Scan# 1099

Delta R.T. 0.15 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

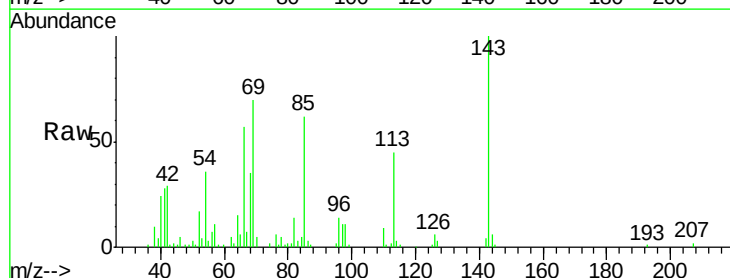
Tgt Ion: 82 Resp: 15861

Ion Ratio Lower Upper

82 100

95 11.2 7.8 11.8

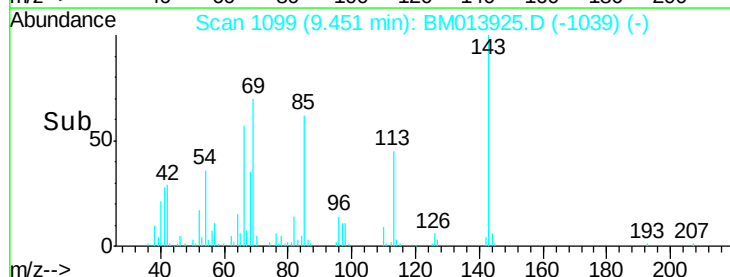
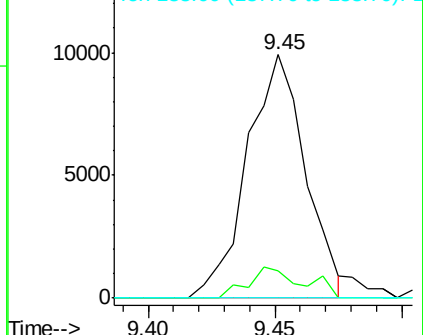
138 0.0 11.9 17.9#

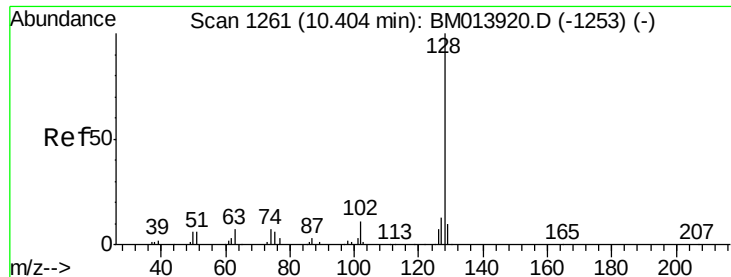


Abundance Ion 82.00 (81.70 to 82.70): BM013920.D (-1066) (-)

Ion 95.00 (94.70 to 95.70): BM013920.D (-1066) (-)

Ion 138.00 (137.70 to 138.70): BM013920.D (-1066) (-)

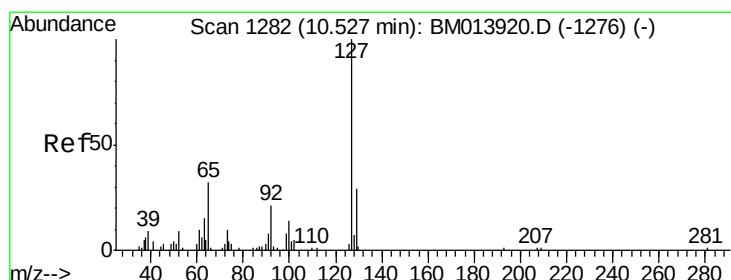
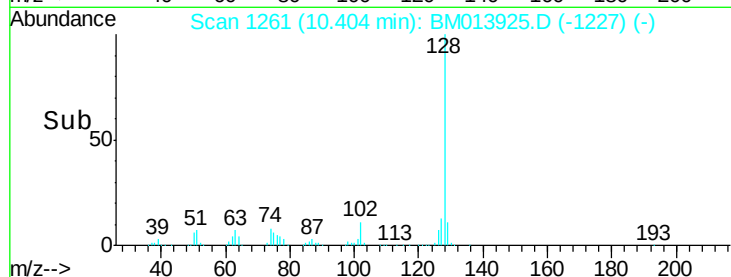
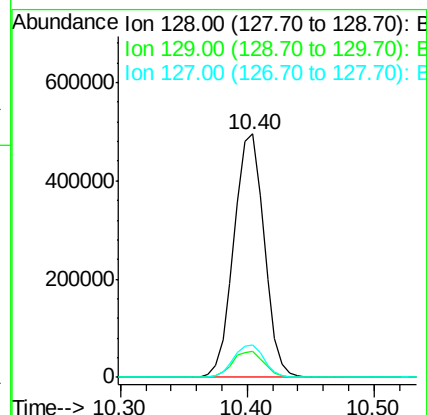
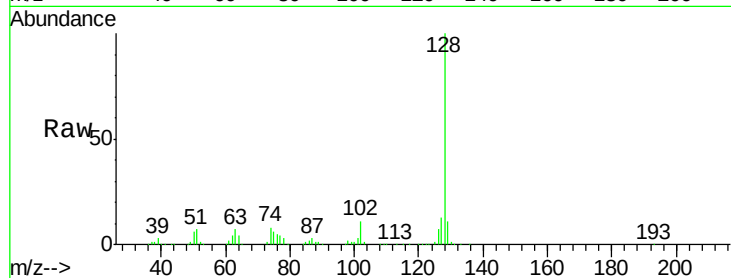




#28
Naphthalene
Concen: 36.68 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. 0.00 min
Lab File: BM013925.D
Acq: 28 Jan 2018 16:52

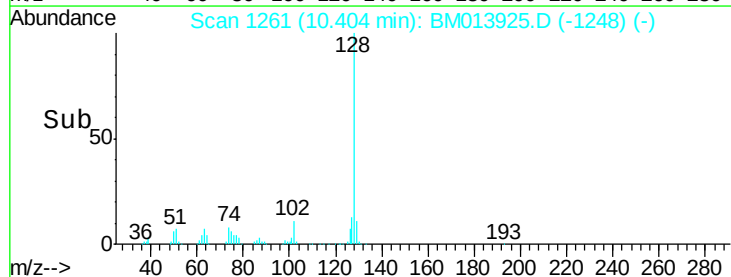
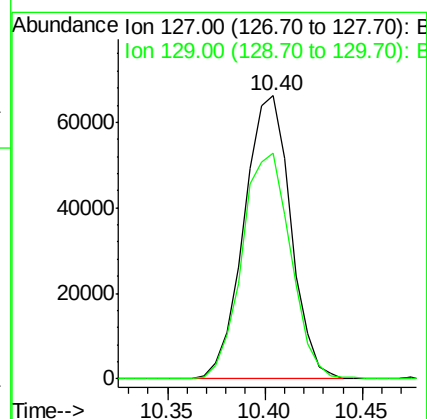
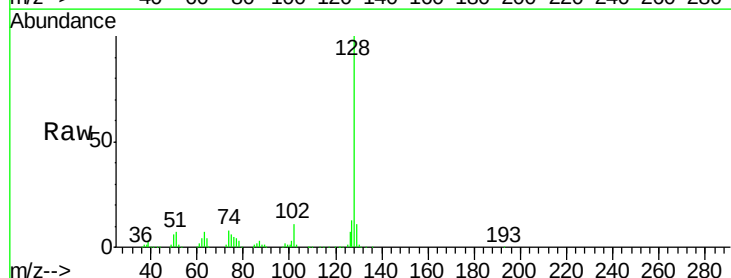
Instrument :
BNA_M
ClientSampleId :
F6B53

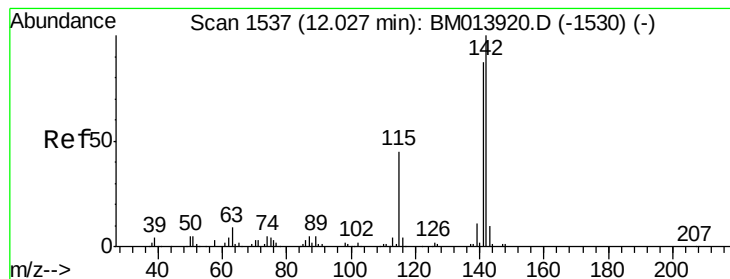
Tgt Ion:128 Resp: 820393
Ion Ratio Lower Upper
128 100
129 10.7 8.8 13.2
127 13.4 10.6 16.0



#30
4-Chloroaniline
Concen: 17.93 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.12 min
Lab File: BM013925.D
Acq: 28 Jan 2018 16:52

Tgt Ion:127 Resp: 109815
Ion Ratio Lower Upper
127 100
129 79.9 28.4 42.6#





#34

2-Methylnaphthalene

Concen: 39.74 ng/ul

RT: 12.02 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

Instrument :

BNA_M

ClientSampleId :

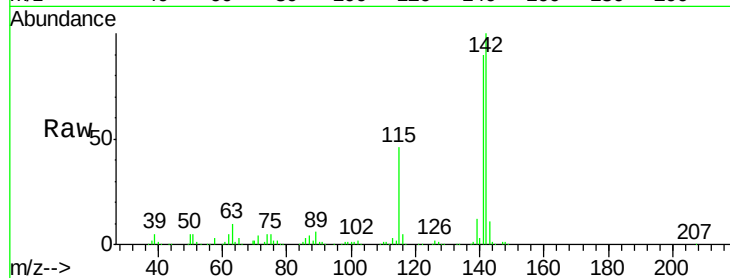
F6B53

Tgt Ion:142 Resp: 662693

Ion Ratio Lower Upper

142 100

141 89.7 74.1 111.1



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

12.02

400000

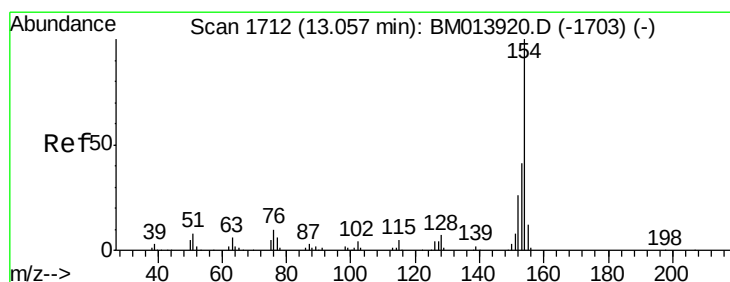
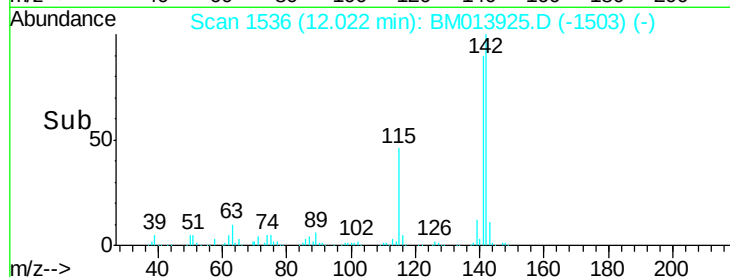
300000

200000

100000

0

Time-->



#40

1,1'-Biphenyl

Concen: 9.56 ng/ul

RT: 13.06 min Scan# 1712

Delta R.T. 0.00 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

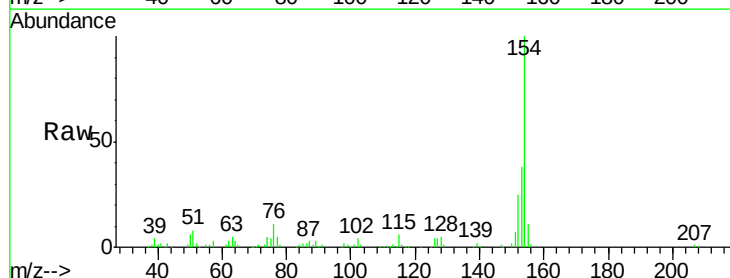
Tgt Ion:154 Resp: 212135

Ion Ratio Lower Upper

154 100

153 38.3 32.6 48.8

76 10.7 8.5 12.7



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BM0

13.06

200000

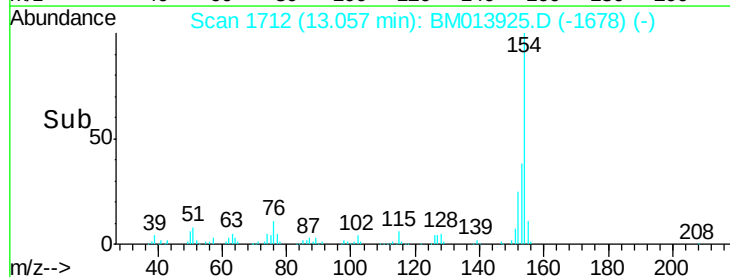
150000

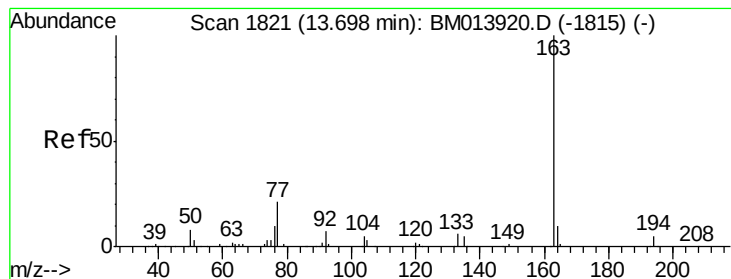
100000

50000

0

Time-->





#44

Dimethylphthalate

Concen: 10.08 ng/ul

RT: 13.70 min Scan# 1821

Delta R.T. 0.00 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

Instrument :

BNA_M

ClientSampleId :

F6B53

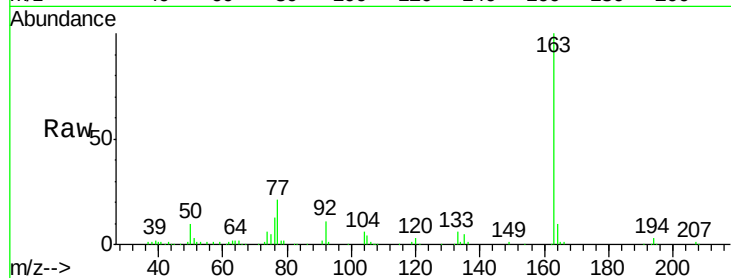
Tgt Ion:163 Resp: 217651

Ion Ratio Lower Upper

163 100

194 3.4 3.5 5.3#

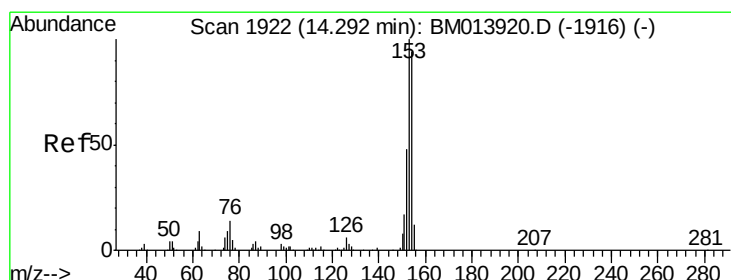
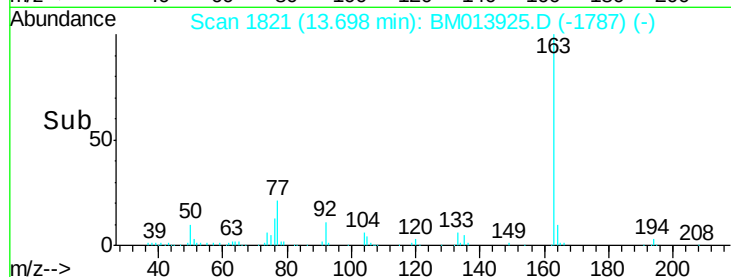
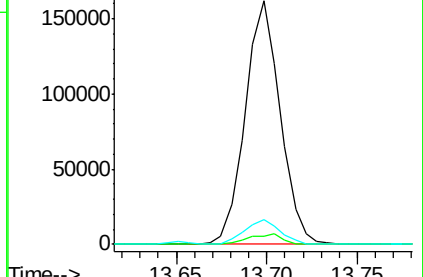
164 10.0 8.2 12.4



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



#49

Acenaphthene

Concen: 47.19 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. 0.01 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

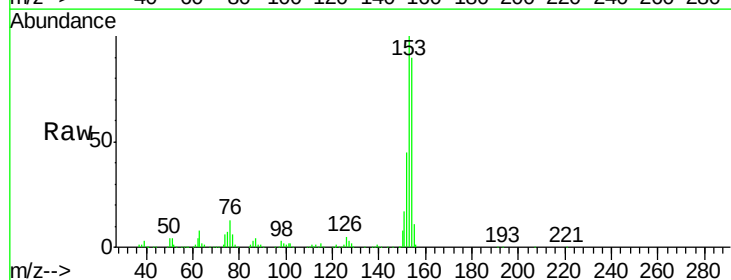
Tgt Ion:153 Resp: 837597

Ion Ratio Lower Upper

153 100

152 45.5 37.6 56.4

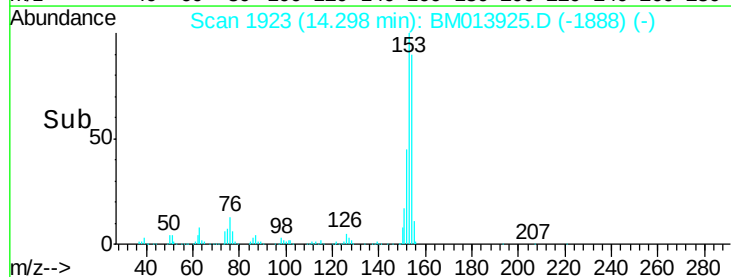
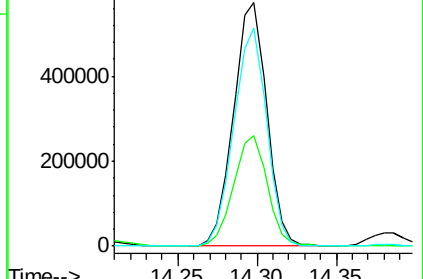
154 89.7 70.4 105.6

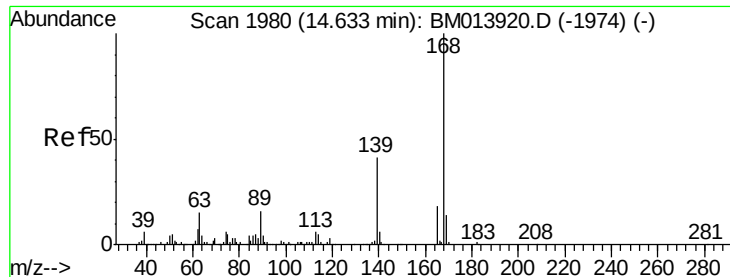


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#53

Dibenzenofuran

Concen: 31.23 ng/ul

RT: 14.63 min Scan# 1980

Delta R.T. 0.00 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

Instrument :

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ClientSampleId :

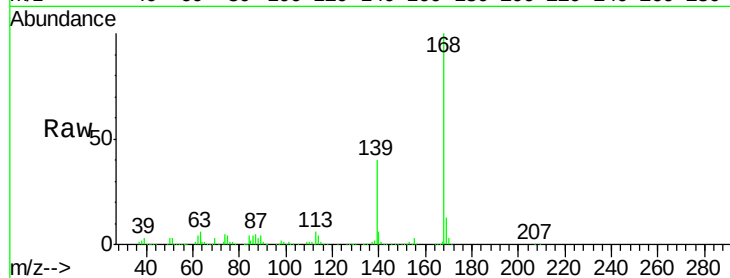
F6B53

Tgt Ion:168 Resp: 833991

Ion Ratio Lower Upper

168 100

139 39.8 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

14.63

600000

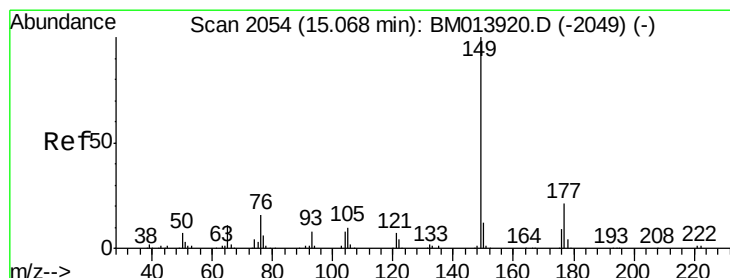
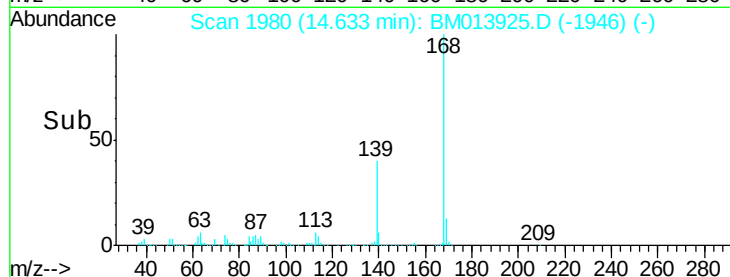
400000

200000

0

14.60 14.65 14.70

Time-->



#56

Diethylphthalate

Concen: 1.04 ng/ul

RT: 15.07 min Scan# 2055

Delta R.T. 0.01 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

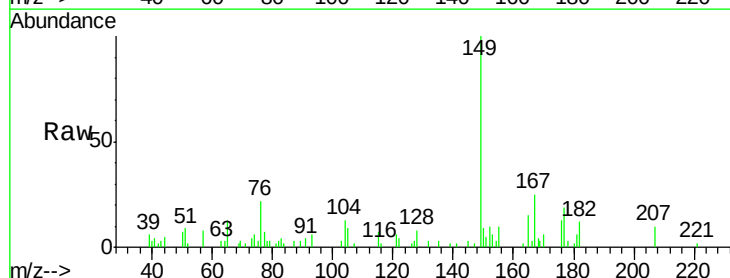
Tgt Ion:149 Resp: 22523

Ion Ratio Lower Upper

149 100

177 19.3 20.5 30.7#

150 9.5 10.6 15.8#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

15.07

20000

15000

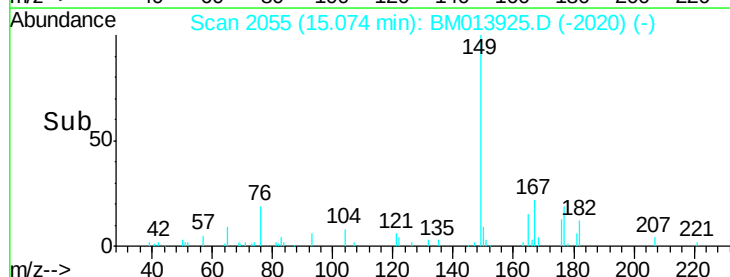
10000

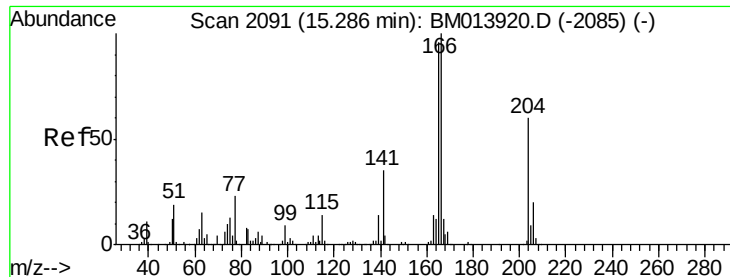
5000

0

15.05 15.10

Time-->





#58

Fluorene

Concen: 36.76 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. 0.00 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

Instrument :

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ClientSampleId :

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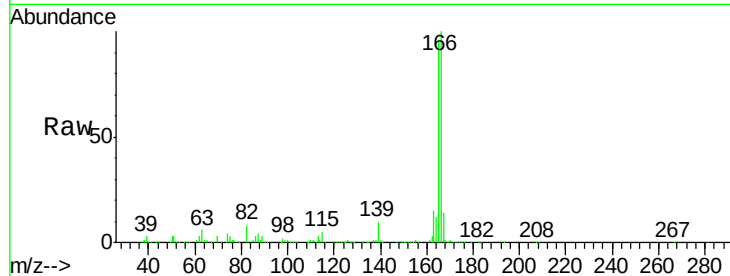
Tgt Ion:166 Resp: 804000

Ion Ratio Lower Upper

166 100

165 96.5 77.9 116.9

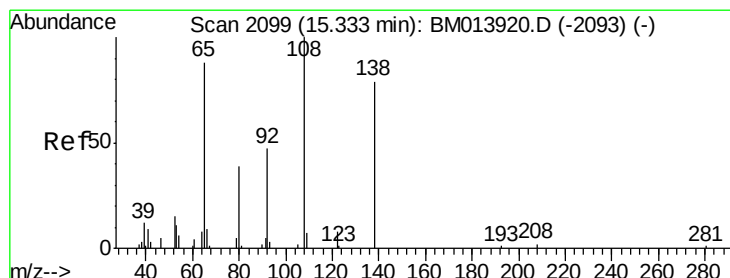
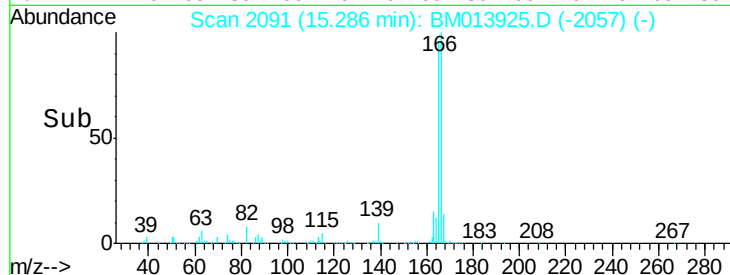
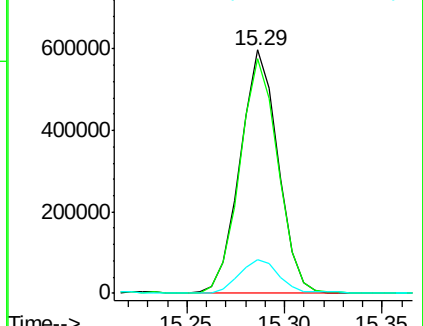
167 14.0 10.6 16.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#60

4-Nitroaniline

Concen: 2.65 ng/ul

RT: 15.29 min Scan# 2091

Delta R.T. -0.05 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

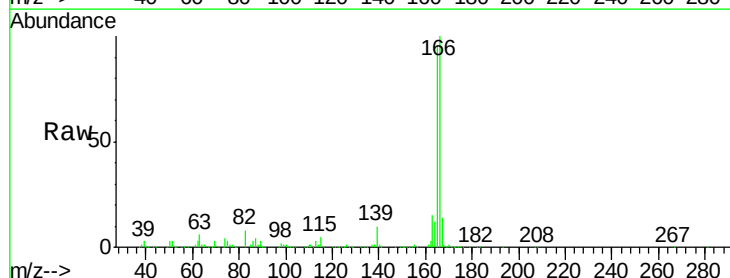
Tgt Ion:138 Resp: 10208

Ion Ratio Lower Upper

138 100

92 0.0 40.0 60.0#

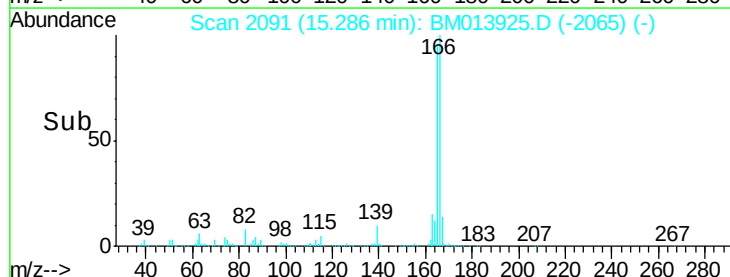
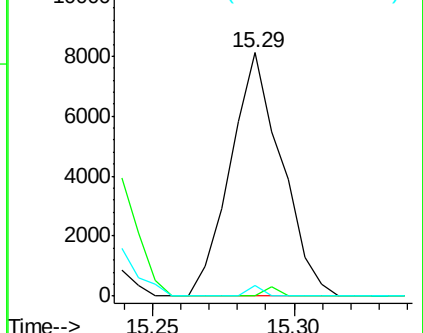
108 4.5 80.0 120.0#

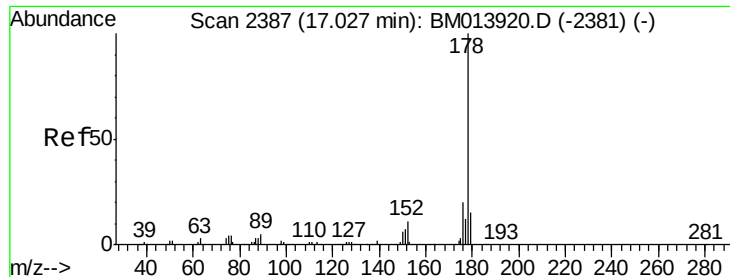


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BM0

Ion 108.00 (107.70 to 108.70): E





#69

Phenanthrene

Concen: 114.21 ng/ul

RT: 17.03 min Scan# 2388

Delta R.T. 0.01 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

Instrument :

BNA_M

ClientSampleId :

F6B53

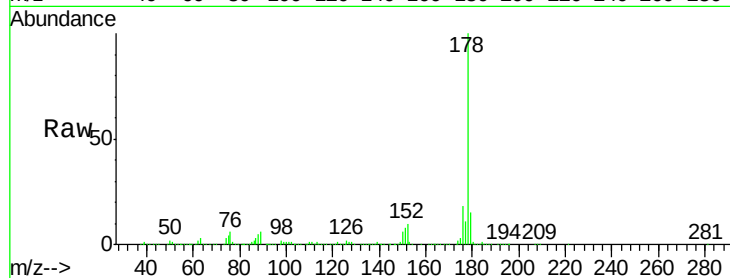
Tgt Ion:178 Resp: 4041158

Ion Ratio Lower Upper

178 100

179 15.2 12.6 19.0

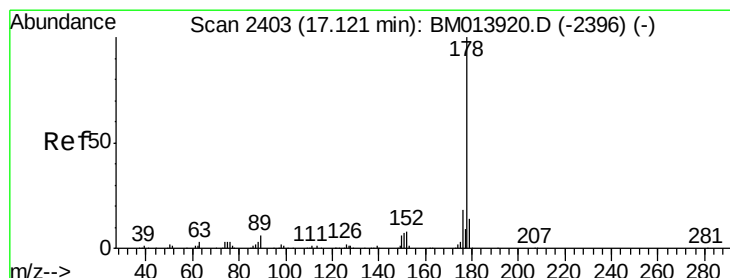
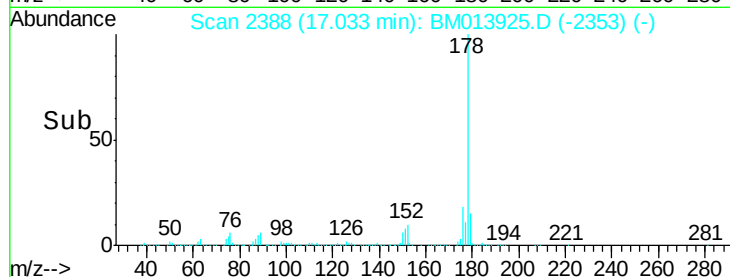
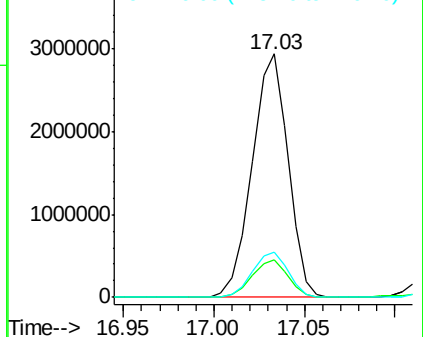
176 18.4 14.9 22.3



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: 12.42 ng/ul

RT: 17.12 min Scan# 2403

Delta R.T. 0.00 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

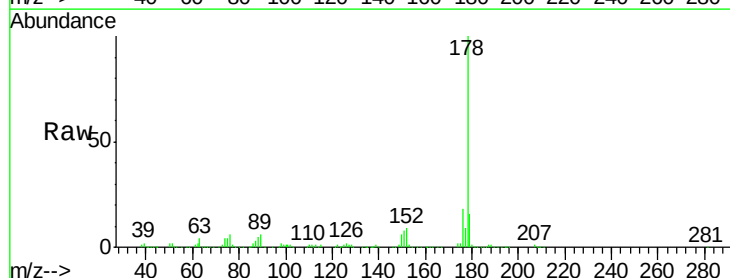
Tgt Ion:178 Resp: 453376

Ion Ratio Lower Upper

178 100

179 16.3 11.7 17.5

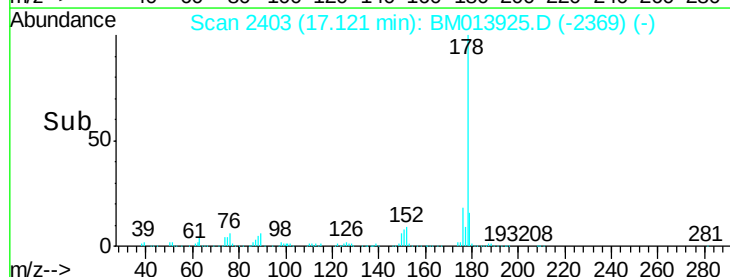
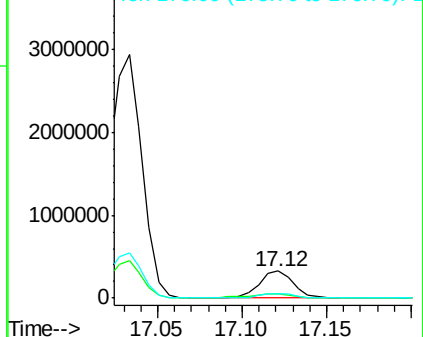
176 17.6 14.6 21.8

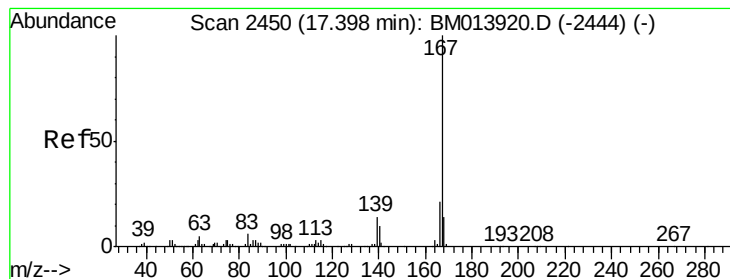


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 4.41 ng/ul

RT: 17.40 min Scan# 2450

Delta R.T. 0.00 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

Instrument :

BNA_M

ClientSampleId :

F6B53

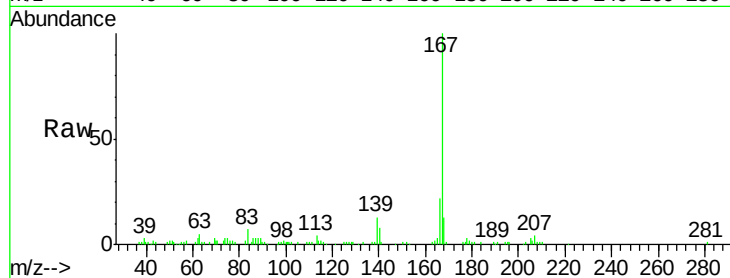
Tgt Ion:167 Resp: 132822

Ion Ratio Lower Upper

167 100

166 22.0 17.1 25.7

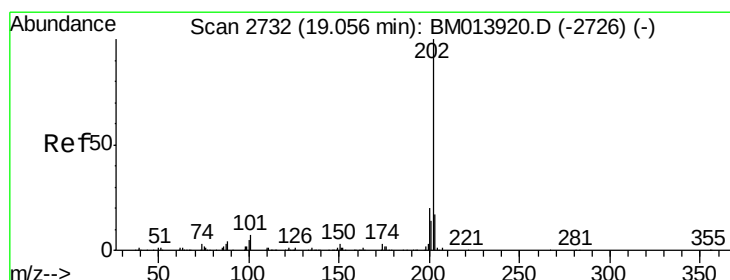
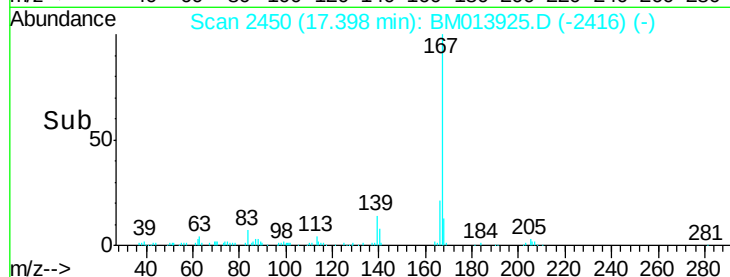
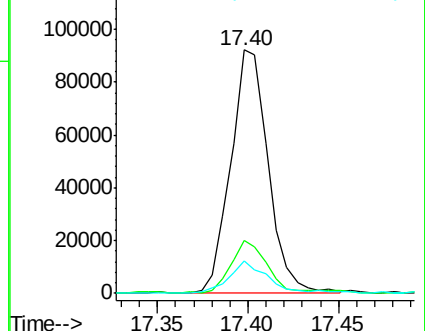
139 13.5 10.0 15.0



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: 57.25 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. 0.00 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

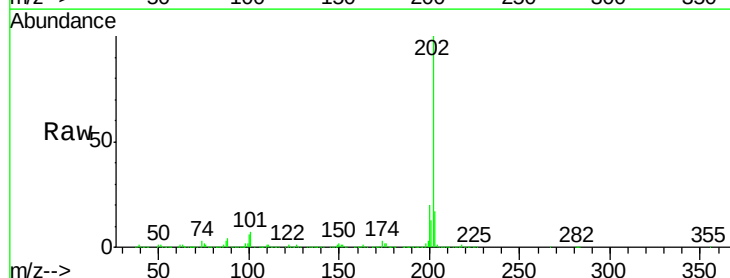
Tgt Ion:202 Resp: 2418004

Ion Ratio Lower Upper

202 100

101 7.2 4.6 7.0#

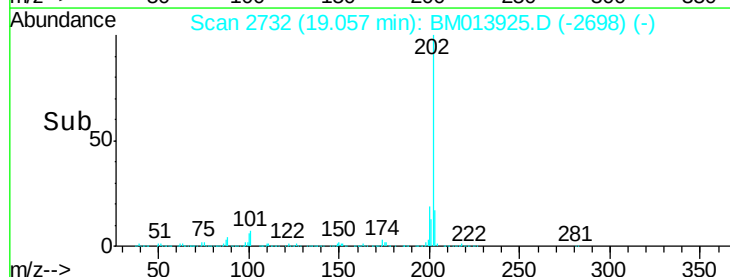
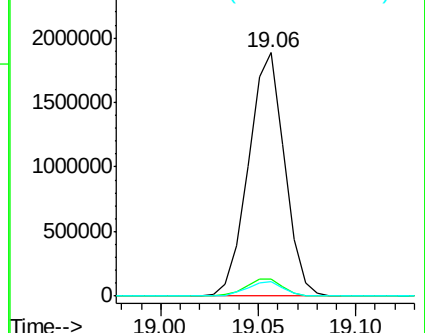
100 5.7 3.4 5.2#

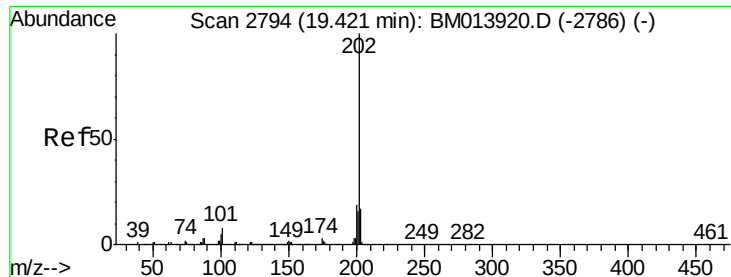


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 33.46 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. 0.00 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

Instrument :

BNA_M

ClientSampleId :

F6B53

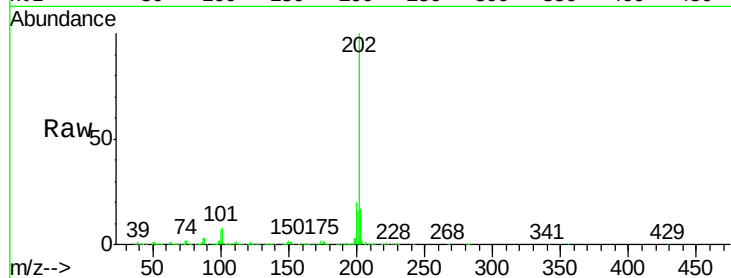
Tgt Ion:202 Resp: 1567155

Ion Ratio Lower Upper

202 100

101 8.2 5.1 7.7#

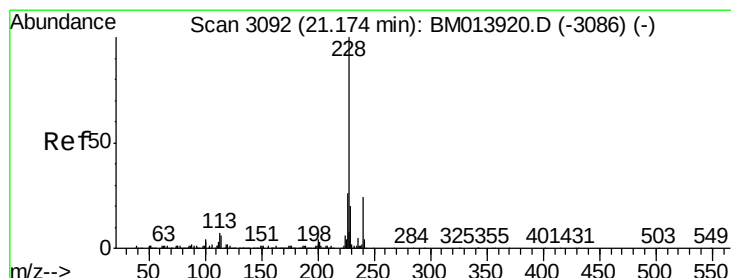
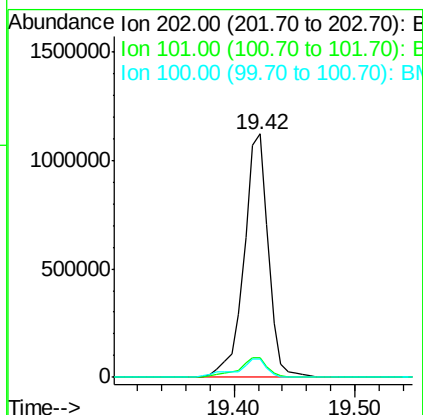
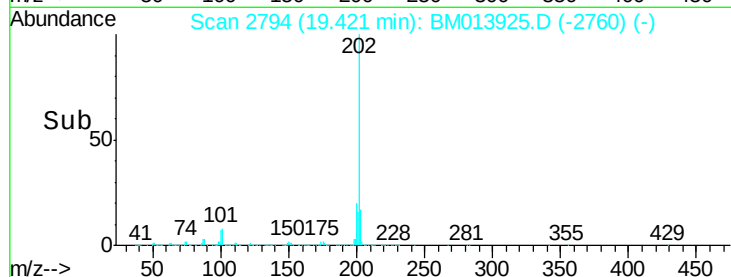
100 7.3 4.9 7.3#



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: 7.34 ng/ul

RT: 21.17 min Scan# 3092

Delta R.T. 0.00 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

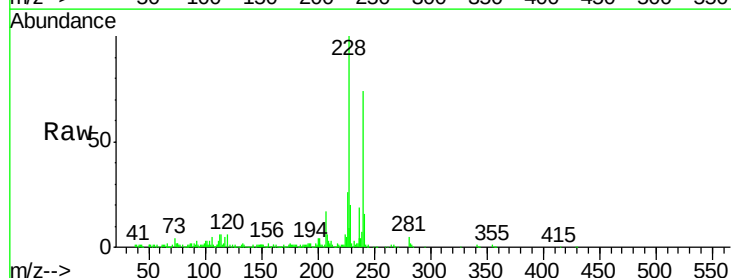
Tgt Ion:228 Resp: 341864

Ion Ratio Lower Upper

228 100

229 19.8 15.4 23.0

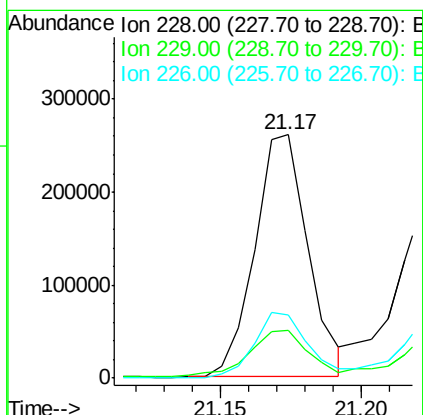
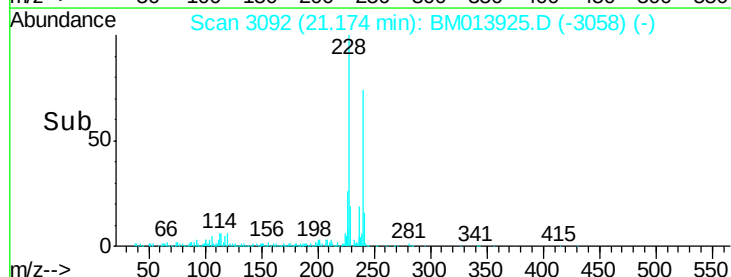
226 25.8 21.4 32.0

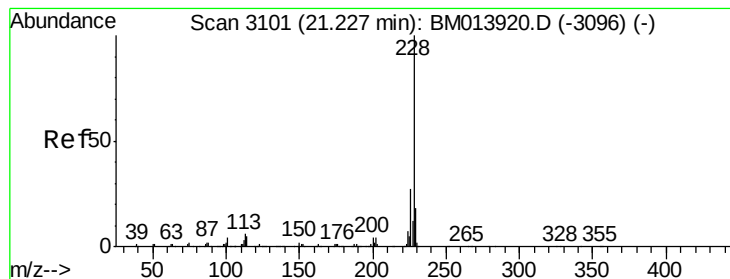


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 6.20 ng/ul

RT: 21.22 min Scan# 3100

Delta R.T. -0.01 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

Instrument :

BNA_M

ClientSampleId :

F6B53

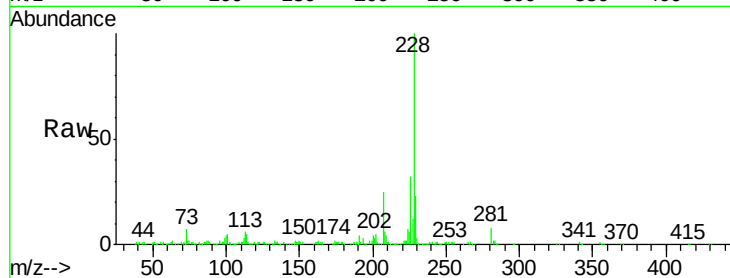
Tgt Ion:228 Resp: 264963

Ion Ratio Lower Upper

228 100

226 31.8 23.4 35.2

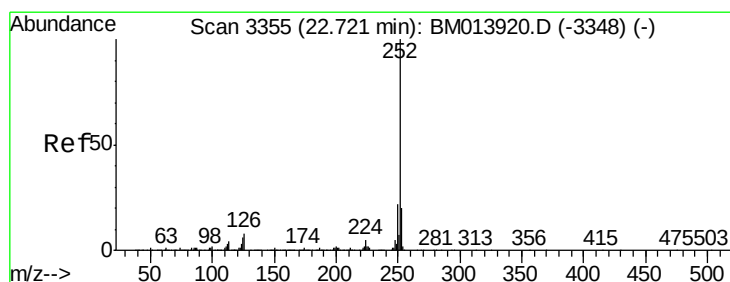
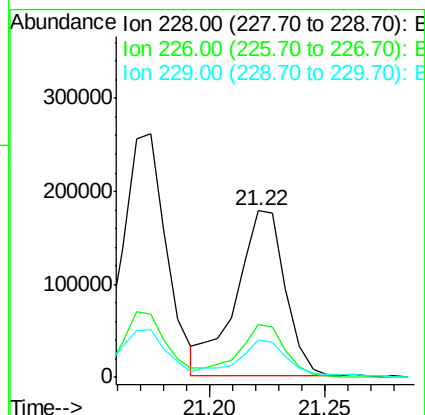
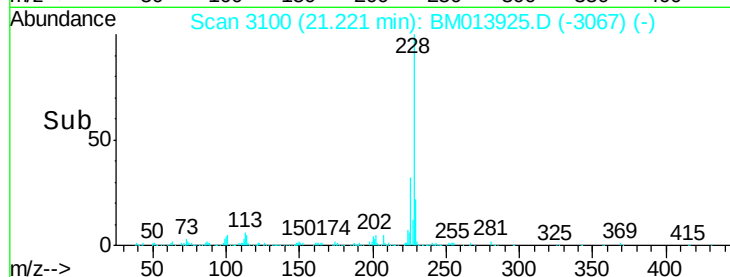
229 22.9 15.5 23.3



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: 3.53 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. 0.01 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

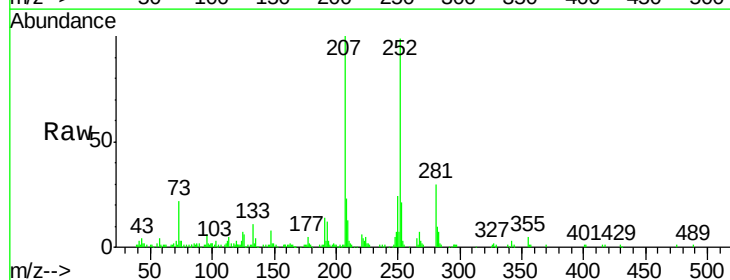
Tgt Ion:252 Resp: 165981

Ion Ratio Lower Upper

252 100

253 20.9 17.9 26.9

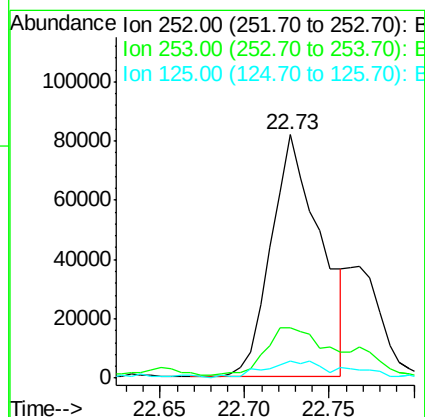
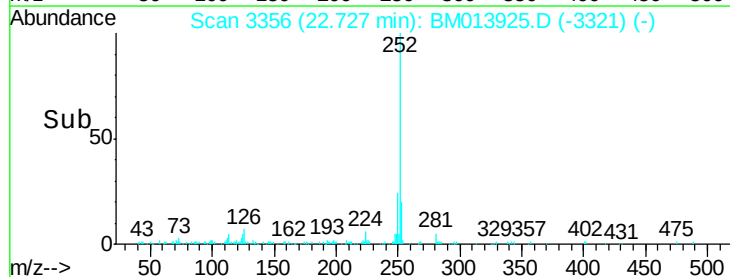
125 7.2 3.6 5.4#

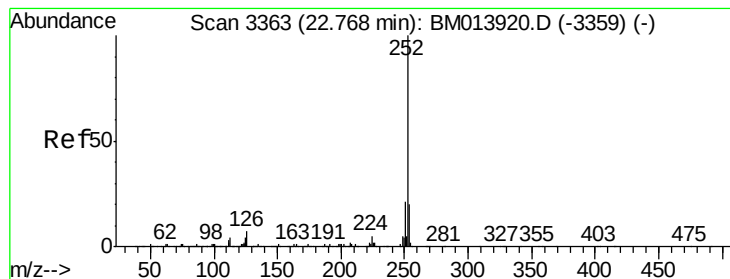


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 3.65 ng/ul

RT: 22.73 min Scan# 3356

Delta R.T. -0.04 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

Instrument :

BNA_M

ClientSampleId :

F6B53

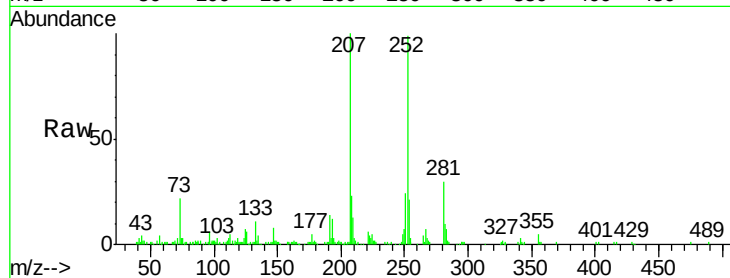
Tgt Ion:252 Resp: 165981

Ion Ratio Lower Upper

252 100

253 20.9 17.1 25.7

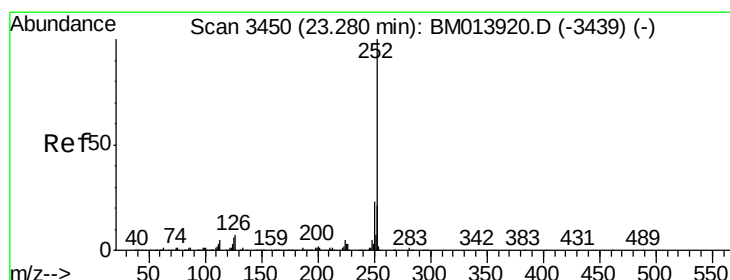
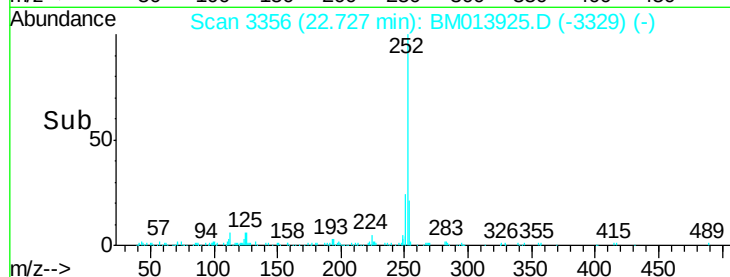
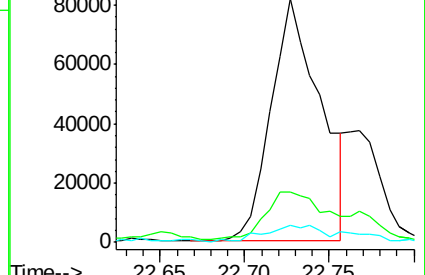
125 7.2 3.4 5.2#



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: 1.96 ng/ul

RT: 23.27 min Scan# 3449

Delta R.T. -0.01 min

Lab File: BM013925.D

Acq: 28 Jan 2018 16:52

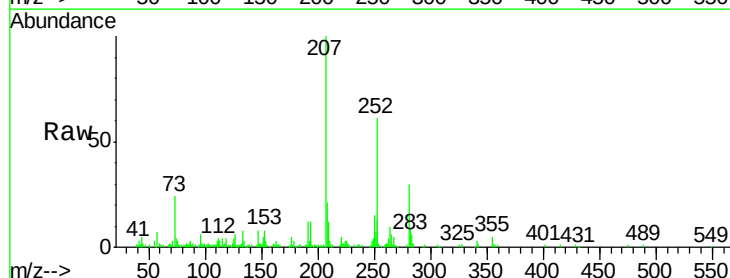
Tgt Ion:252 Resp: 87100

Ion Ratio Lower Upper

252 100

253 21.2 18.2 27.2

125 7.3 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

