

Data File : BM013455.D
Acq On : 16 Dec 2017 01:07
Operator : SJ/JU
Sample : I6779-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A87

Quant Time: Dec 16 04:28:28 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 00:23:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	204971	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	864635	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	501235	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1152527	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1255235	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	1052993	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	17266	4.17	ng/uL	0.00
5) Phenol-d5	6.86	99	602447	33.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	327374	32.37	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	482361	34.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	514317	33.95	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	236465	34.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	259378	35.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	507894	33.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	272870	19.63	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1600803	35.89	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1957918	35.57	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	237464	30.64	ng/ul	0.00
57) Fluorene-d10	15.32	176	1329072	34.65	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	176565	24.35	ng/ul	0.00
70) Anthracene-d10	17.17	188	2101454	36.41	ng/ul	0.00
76) Pyrene-d10	19.47	212	2349358	37.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	2006285	37.41	ng/ul	0.00

Target Compounds				Qvalue		
6) Phenol	6.88	94	69140	3.94	ng/ul#	84
15) N-Nitroso-di-n-propylamine	8.38	70	13987	1.21	ng/ul#	1
28) Naphthalene	10.50	128	116125	2.61	ng/ul	98
30) 4-Chloroaniline	10.50	127	14745	1.10	ng/ul#	20
44) Dimethylphthalate	13.78	163	391142	9.17	ng/ul	96
49) Acenaphthene	14.38	153	109105	3.14	ng/ul	100
53) Dibenzofuran	14.72	168	132573	2.59	ng/ul	99
58) Fluorene	15.37	166	146289	3.45	ng/ul	96
69) Phenanthrene	17.11	178	688821	10.52	ng/ul	99
71) Anthracene	17.20	178	88449	1.32	ng/ul	95
72) Carbazole	17.47	167	112683	1.96	ng/ul	96
74) Fluoranthene	19.13	202	376037	4.69	ng/ul#	92
77) Pyrene	19.49	202	257573	3.38	ng/ul#	86
80) Benzo(a)anthracene	21.24	228	85003	1.07	ng/ul#	91

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

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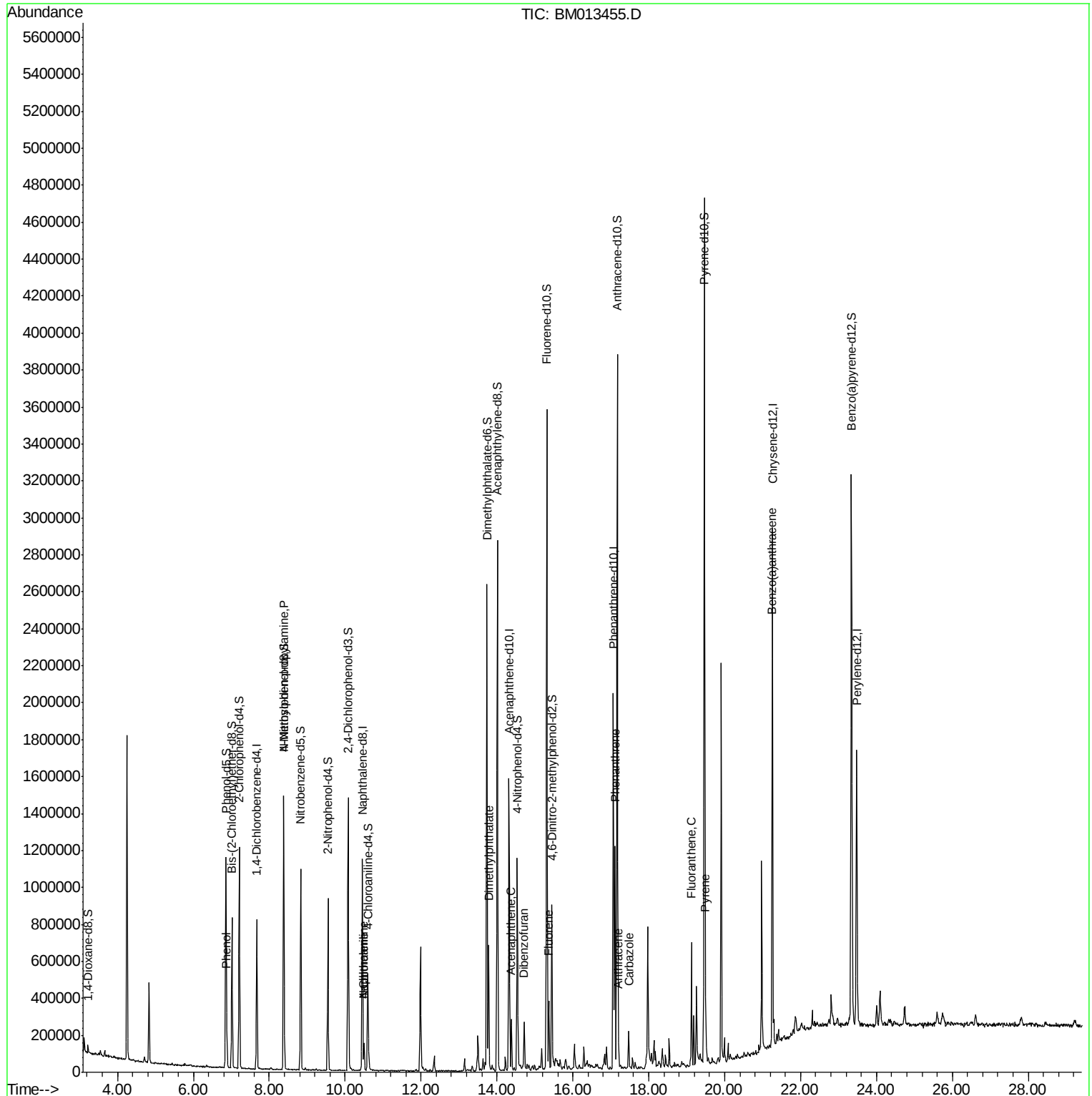
Quant Time: Dec 16 04:28:28 2017

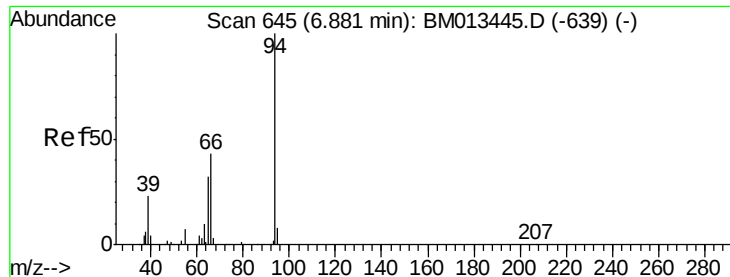
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 00:23:08 2017

Response via : Initial Calibration





#6

Phenol

Concen: 3.94 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013455.D

Acq: 16 Dec 2017 01:07

Instrument :

BNA_M

ClientSampleId :

F9A87

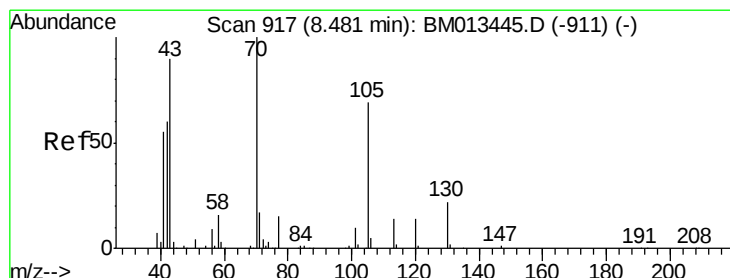
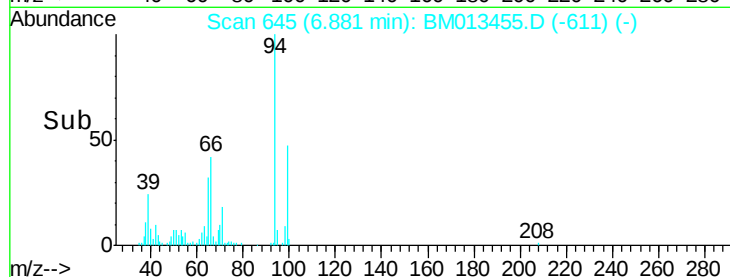
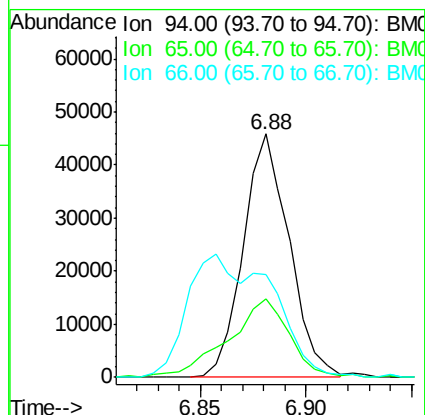
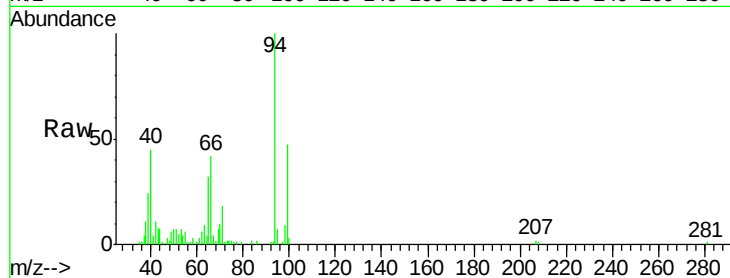
Tgt Ion: 94 Resp: 69140

Ion Ratio Lower Upper

94 100

65 32.4 28.2 42.4

66 42.4 47.2 70.8#



#15

N-Nitroso-di-n-propylamine

Concen: 1.21 ng/ul

RT: 8.38 min Scan# 900

Delta R.T. -0.10 min

Lab File: BM013455.D

Acq: 16 Dec 2017 01:07

Tgt Ion: 70 Resp: 13987

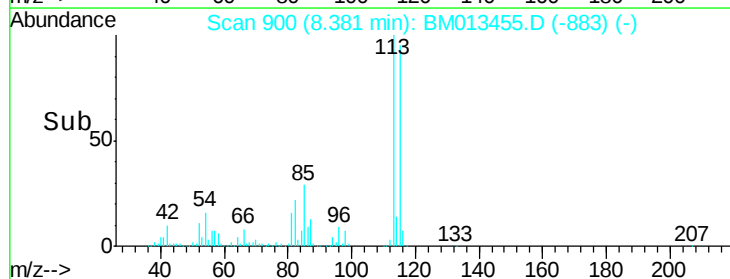
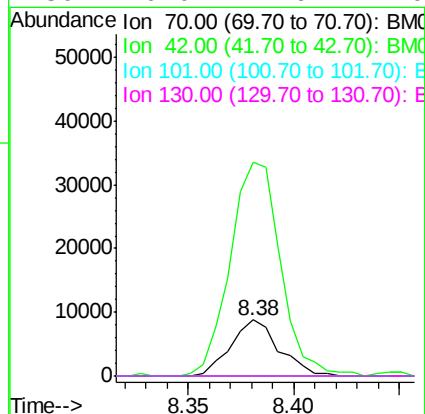
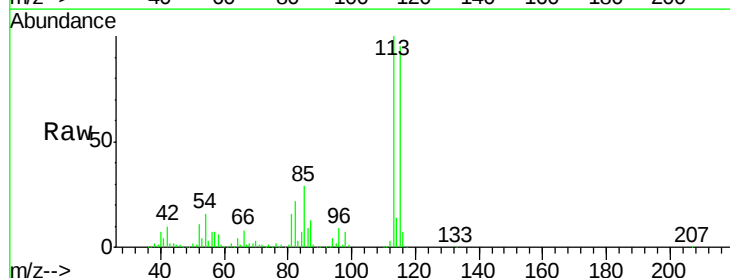
Ion Ratio Lower Upper

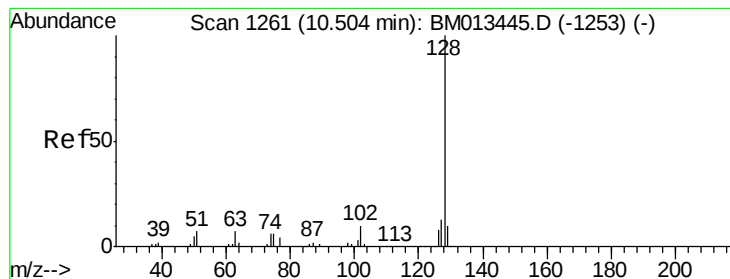
70 100

42 382.1 76.0 114.0#

101 0.0 6.7 10.1#

130 0.0 14.6 22.0#





#28

Naphthalene

Concen: 2.61 ng/ul

RT: 10.50 min Scan# 1261

Delta R.T. -0.00 min

Lab File: BM013455.D

Acq: 16 Dec 2017 01:07

Instrument :

BNA_M

ClientSampleId :

F9A87

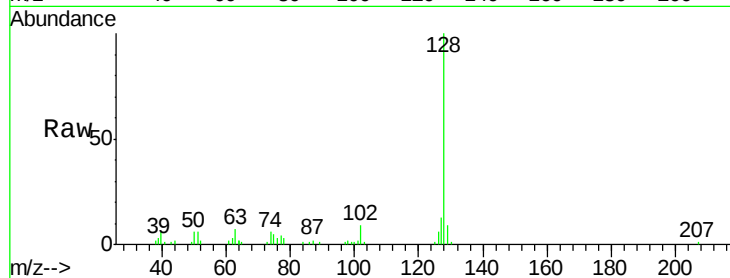
Tgt Ion:128 Resp: 116125

Ion Ratio Lower Upper

128 100

129 9.3 8.8 13.2

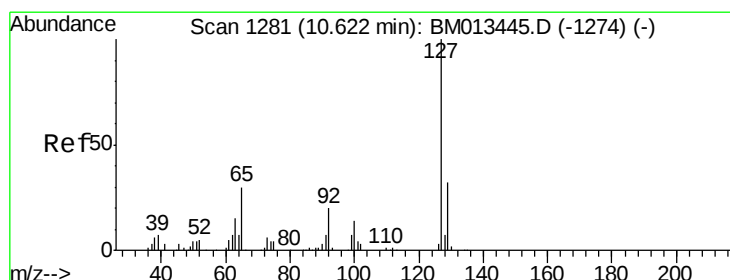
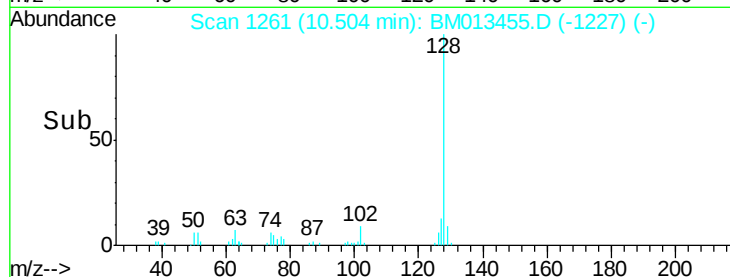
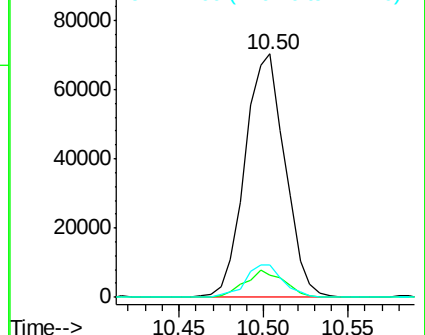
127 13.1 10.6 16.0



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



#30

4-Chloroaniline

Concen: 1.10 ng/ul

RT: 10.50 min Scan# 1260

Delta R.T. -0.12 min

Lab File: BM013455.D

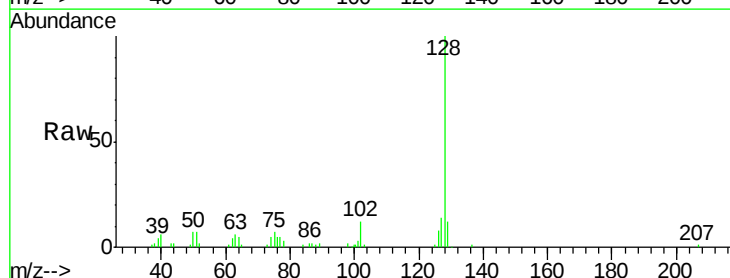
Acq: 16 Dec 2017 01:07

Tgt Ion:127 Resp: 14745

Ion Ratio Lower Upper

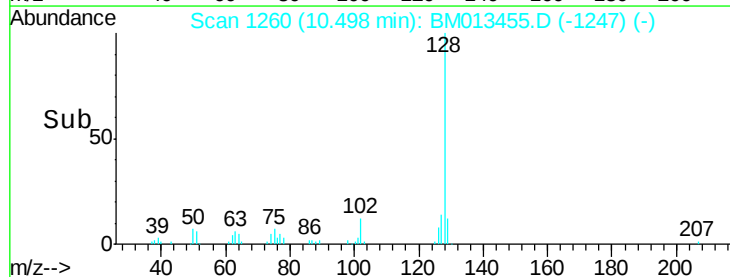
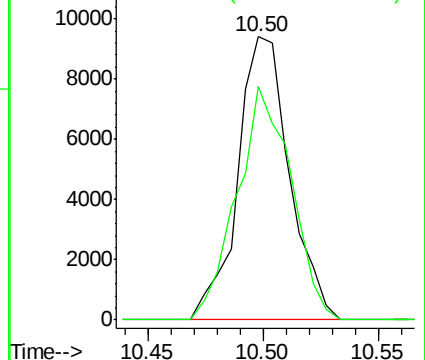
127 100

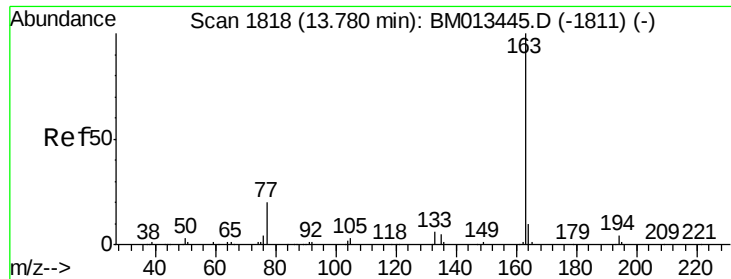
129 82.3 28.4 42.6#



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

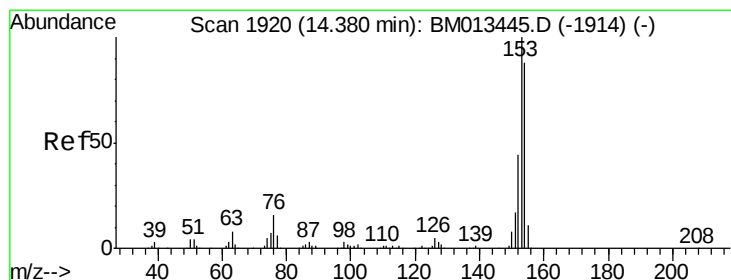
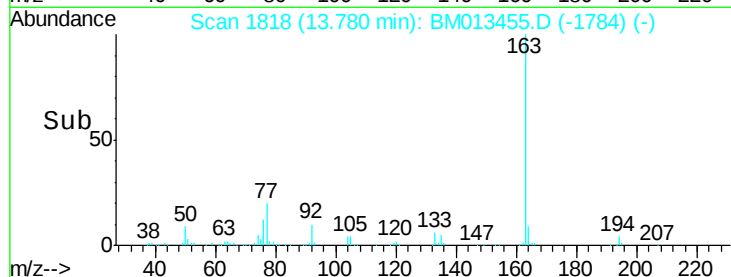
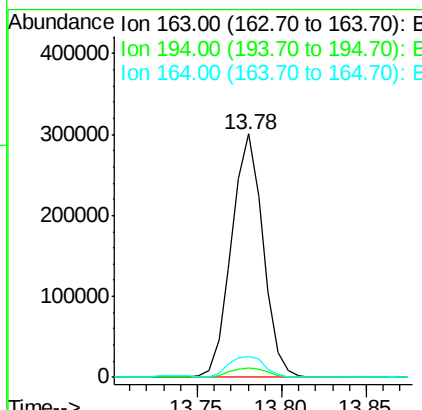
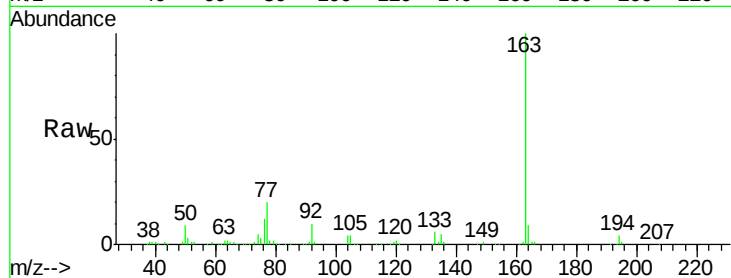




#44
Dimethylphthalate
Concen: 9.17 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. -0.00 min
Lab File: BM013455.D
Acq: 16 Dec 2017 01:07

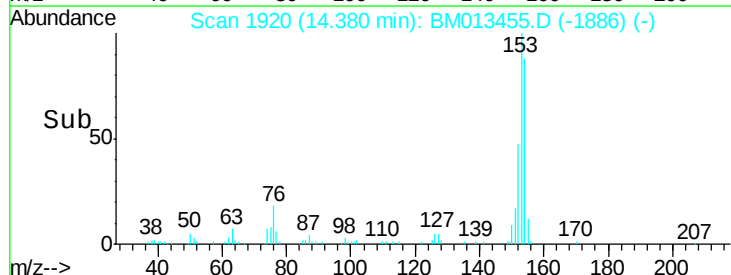
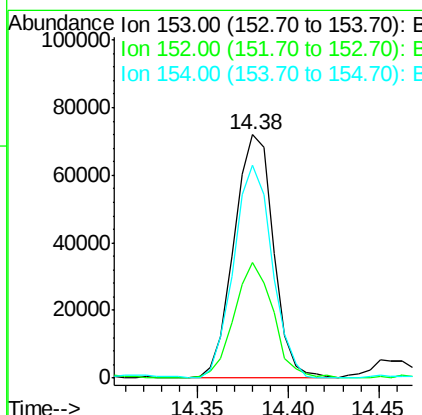
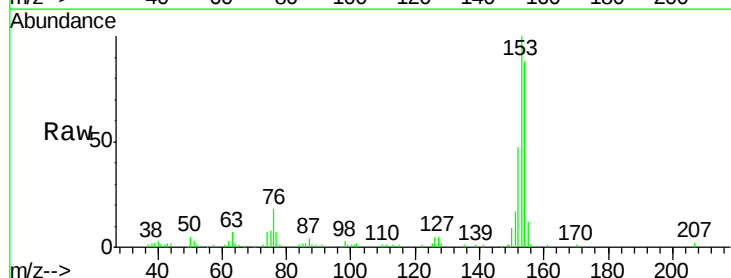
Instrument :
BNA_M
ClientSampleId :
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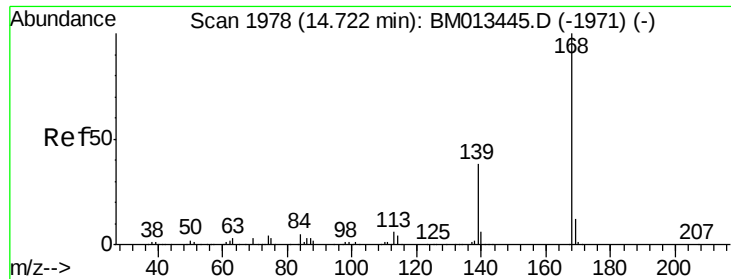
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	8.7	8.2	12.4



#49
Acenaphthene
Concen: 3.14 ng/ul
RT: 14.38 min Scan# 1920
Delta R.T. -0.00 min
Lab File: BM013455.D
Acq: 16 Dec 2017 01:07

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.3	37.6	56.4
154	87.5	70.4	105.6





#53

Dibenzenofuran

Concen: 2.59 ng/ul

RT: 14.72 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BM013455.D

Acq: 16 Dec 2017 01:07

Instrument :

BNA_M

ClientSampleId :

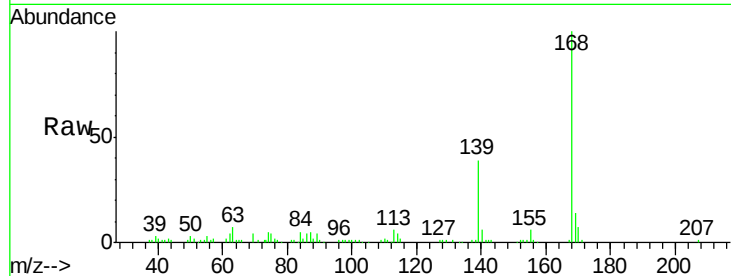
F9A87

Tgt Ion:168 Resp: 132573

Ion Ratio Lower Upper

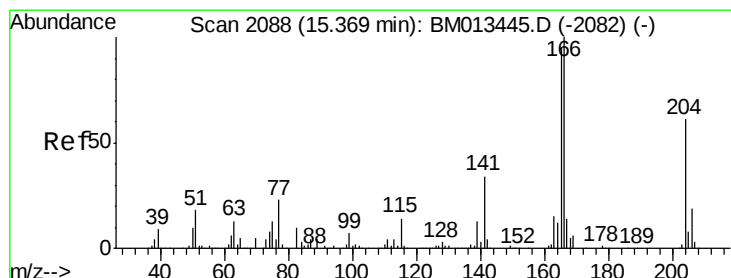
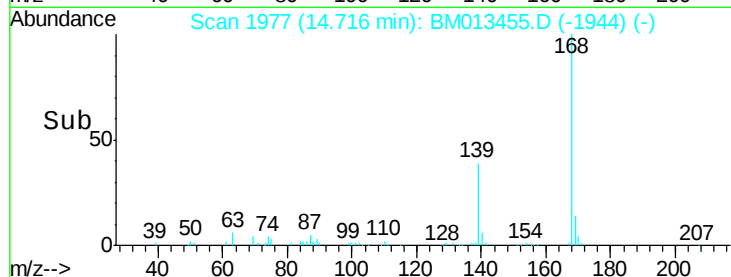
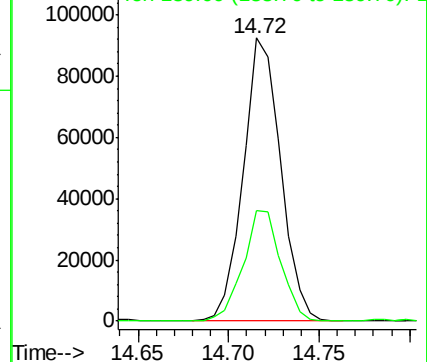
168 100

139 39.1 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#58

Fluorene

Concen: 3.45 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. -0.00 min

Lab File: BM013455.D

Acq: 16 Dec 2017 01:07

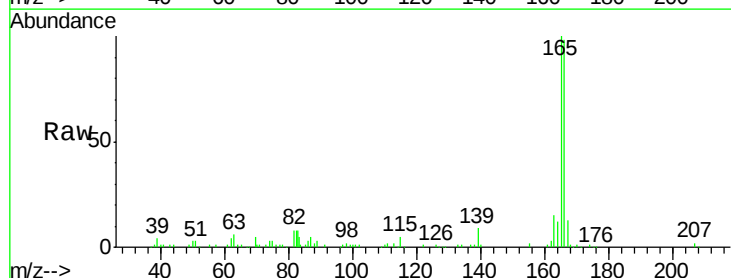
Tgt Ion:166 Resp: 146289

Ion Ratio Lower Upper

166 100

165 102.2 77.9 116.9

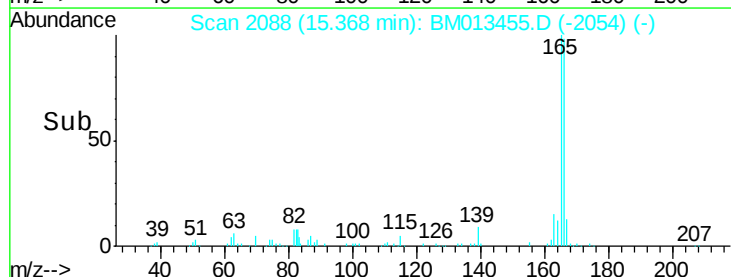
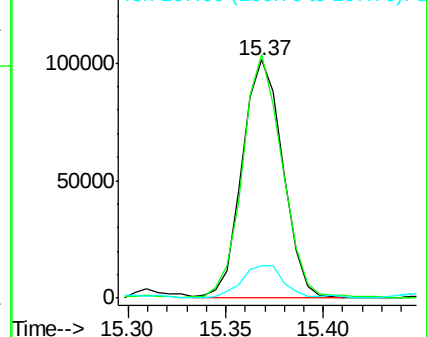
167 13.5 10.6 16.0

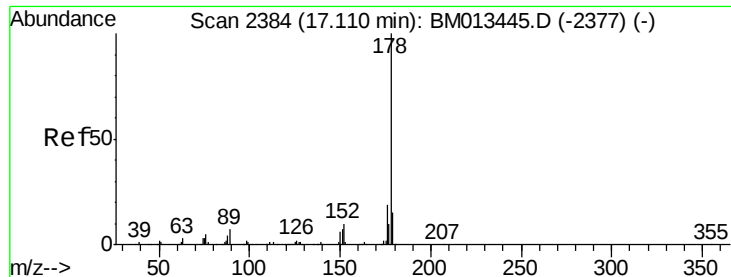


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#69

Phenanthrene

Concen: 10.52 ng/u1

RT: 17.11 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM013455.D

Acq: 16 Dec 2017 01:07

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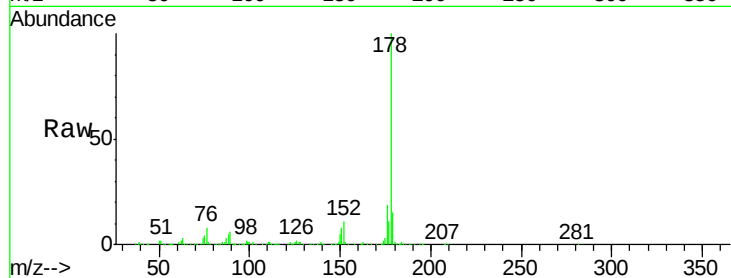
Tgt Ion:178 Resp: 688821

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

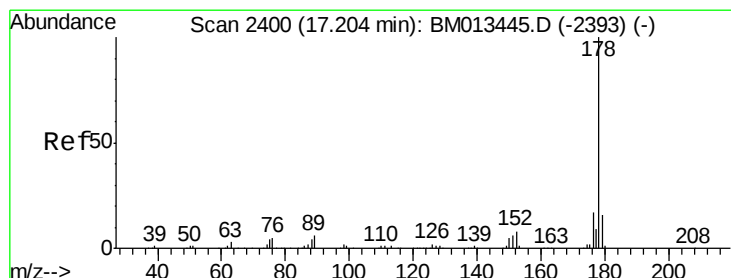
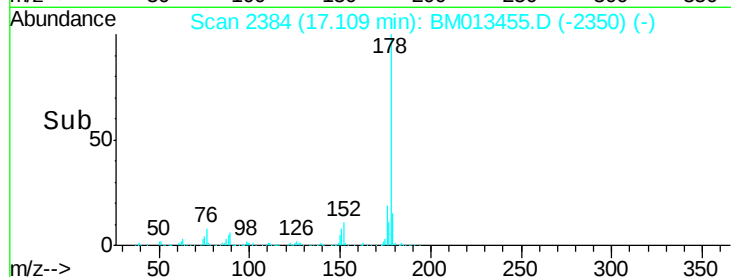
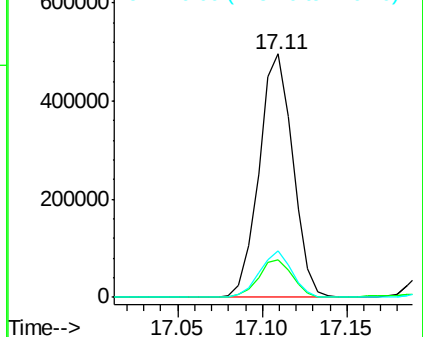
176 19.0 14.9 22.3



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: 1.32 ng/u1

RT: 17.20 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM013455.D

Acq: 16 Dec 2017 01:07

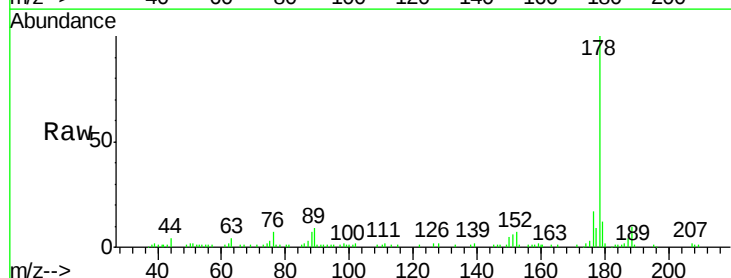
Tgt Ion:178 Resp: 88449

Ion Ratio Lower Upper

178 100

179 12.0 11.7 17.5

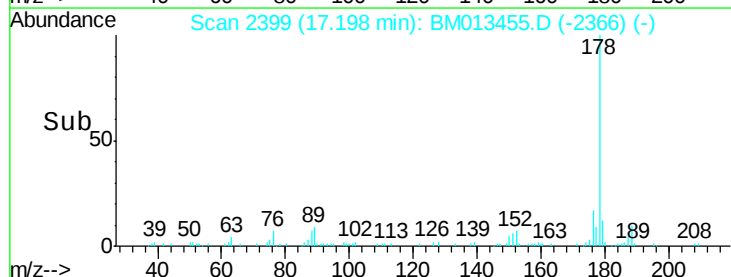
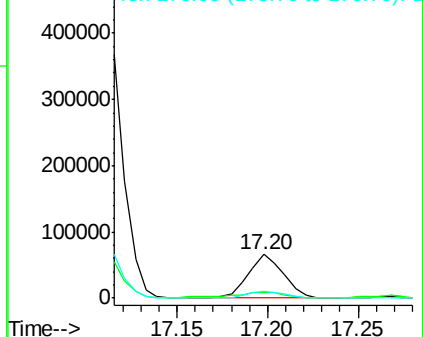
176 16.7 14.6 21.8

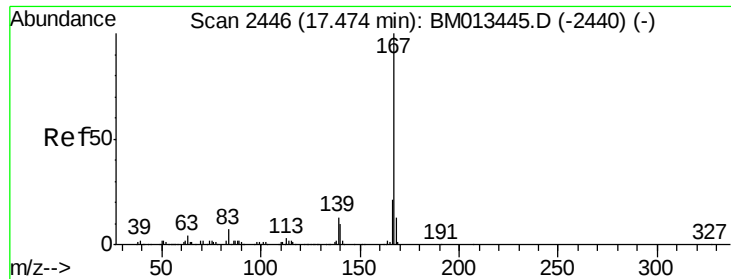


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 1.96 ng/ul

RT: 17.47 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BM013455.D

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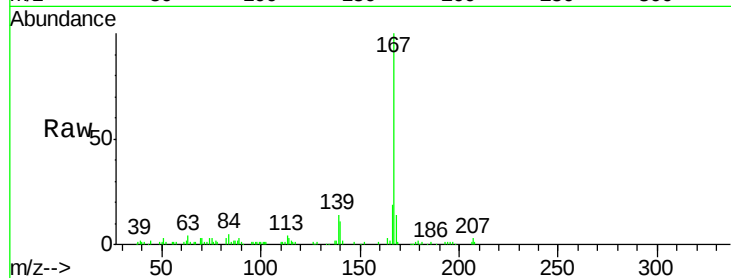
Tgt Ion:167 Resp: 112683

Ion Ratio Lower Upper

167 100

166 19.3 17.1 25.7

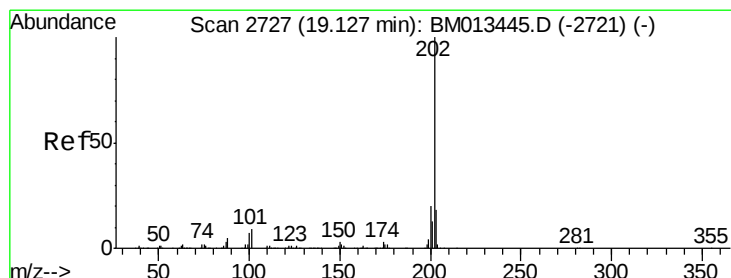
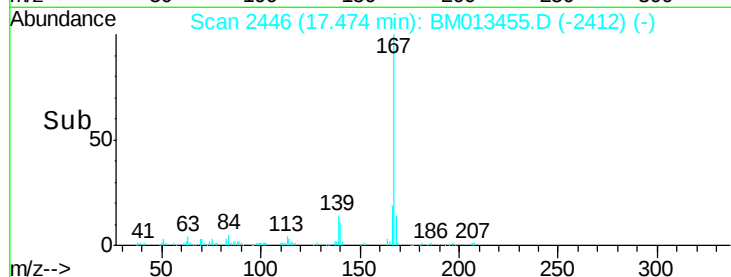
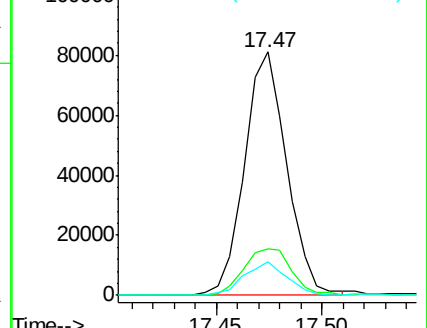
139 13.8 10.0 15.0



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: 4.69 ng/ul

RT: 19.13 min Scan# 2727

Delta R.T. -0.00 min

Lab File: BM013455.D

Acq: 16 Dec 2017 01:07

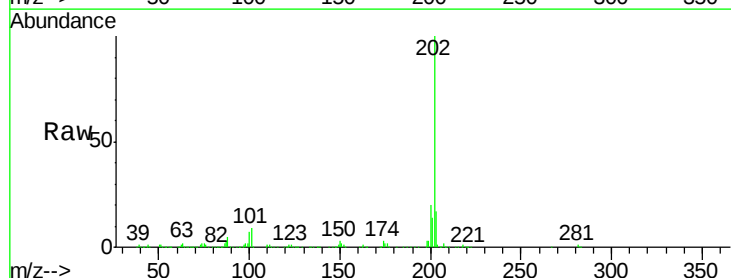
Tgt Ion:202 Resp: 376037

Ion Ratio Lower Upper

202 100

101 8.7 4.6 7.0#

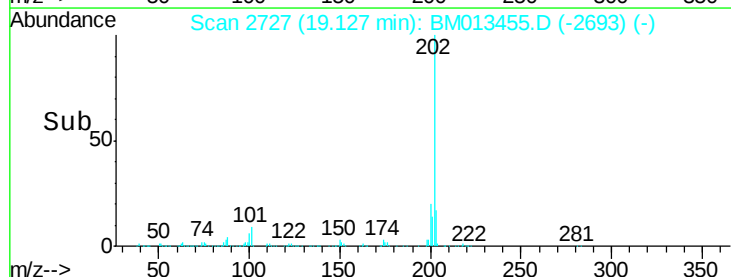
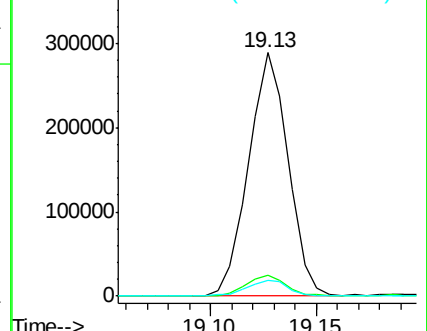
100 6.7 3.4 5.2#

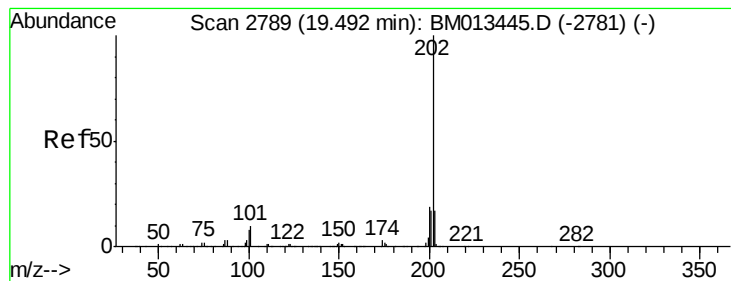


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 3.38 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM013455.D

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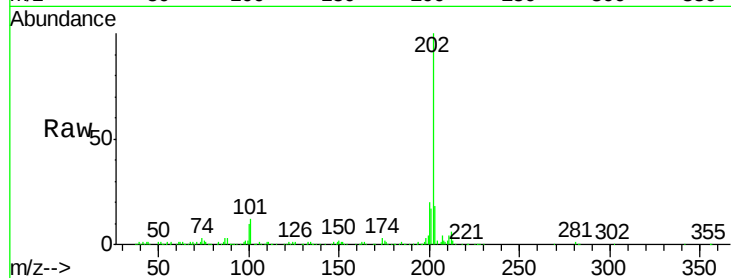
Tgt Ion:202 Resp: 257573

Ion Ratio Lower Upper

202 100

101 11.7 5.1 7.7#

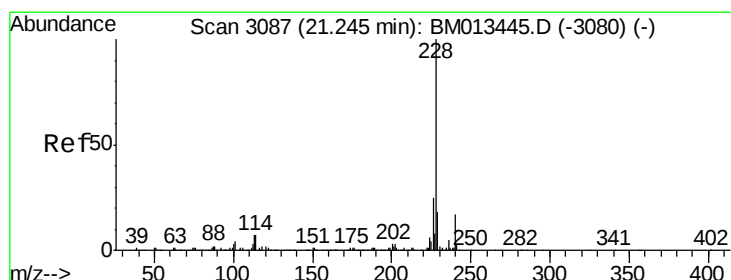
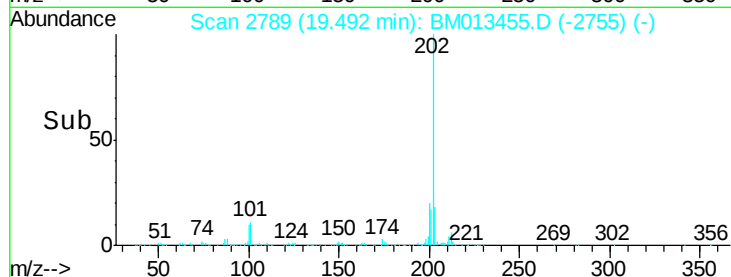
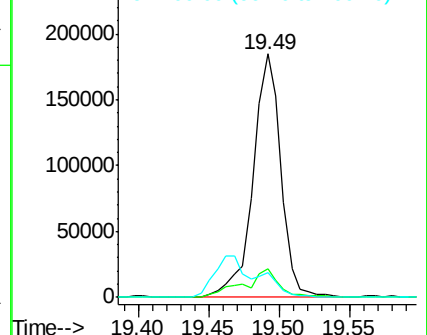
100 10.0 4.9 7.3#



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: 1.07 ng/ul

RT: 21.24 min Scan# 3087

Delta R.T. -0.00 min

Lab File: BM013455.D

Acq: 16 Dec 2017 01:07

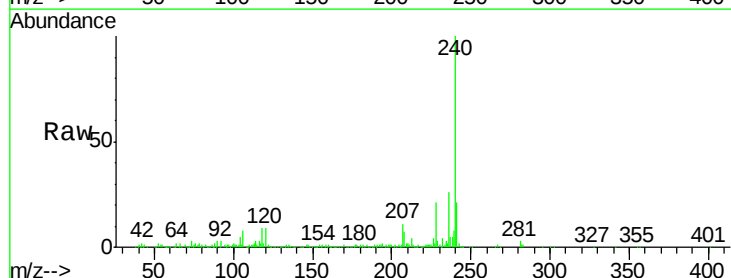
Tgt Ion:228 Resp: 85003

Ion Ratio Lower Upper

228 100

229 16.3 15.4 23.0

226 21.2 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

