

Data File : BM013462.D
Acq On : 16 Dec 2017 05:15
Operator : SJ/JU
Sample : I6775-20
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9A65

Quant Time: Dec 16 05:46:02 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 16 05:45:34 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	243251	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	1067544	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	632785	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1403838	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1150416	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	957894	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.22	96	18288	3.72	ng/uL	0.00
5) Phenol-d5	6.85	99	418823	19.90	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	249024	20.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.21	132	339814	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.38	113	323307	17.98	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	184380	21.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	201677	22.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	363032	19.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	297931	17.36	ng/ul	0.00
43) Dimethylphthalate-d6	13.73	166	1201808	21.34	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	1472398	21.19	ng/ul	0.00
51) 4-Nitrophenol-d4	14.53	143	137785	14.08	ng/ul	0.00
57) Fluorene-d10	15.32	176	1019879	21.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.44	200	141255	15.99	ng/ul	0.00
70) Anthracene-d10	17.16	188	1483994	21.11	ng/ul	0.00
76) Pyrene-d10	19.46	212	1471501	25.67	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	971841	19.92	ng/ul	0.00

Target Compounds				Qvalue		
6) Phenol	6.88	94	70660	3.40	ng/ul#	83
44) Dimethylphthalate	13.78	163	225060	4.18	ng/ul	99
47) Acenaphthylene	14.03	152	91829	1.43	ng/ul	96
69) Phenanthrene	17.11	178	198962	2.49	ng/ul	98
71) Anthracene	17.20	178	137964	1.69	ng/ul	97
74) Fluoranthene	19.13	202	354470	3.63	ng/ul#	95
77) Pyrene	19.49	202	292229	4.18	ng/ul#	94
80) Benzo(a)anthracene	21.29	228	173158	2.37	ng/ul	97
82) Chrysene	21.29	228	173158	2.56	ng/ul	97
85) Benzo(b)fluoranthene	22.81	252	226457	3.51	ng/ul#	95
86) Benzo(k)fluoranthene	22.81	252	226457	3.73	ng/ul#	96
88) Benzo(a)pyrene	23.38	252	119719	2.06	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.70	276	141259	2.45	ng/ul#	92
91) Benzo(g,h,i)perylene	26.38	276	118196	2.60	ng/ul#	83

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

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ClientSampleId :

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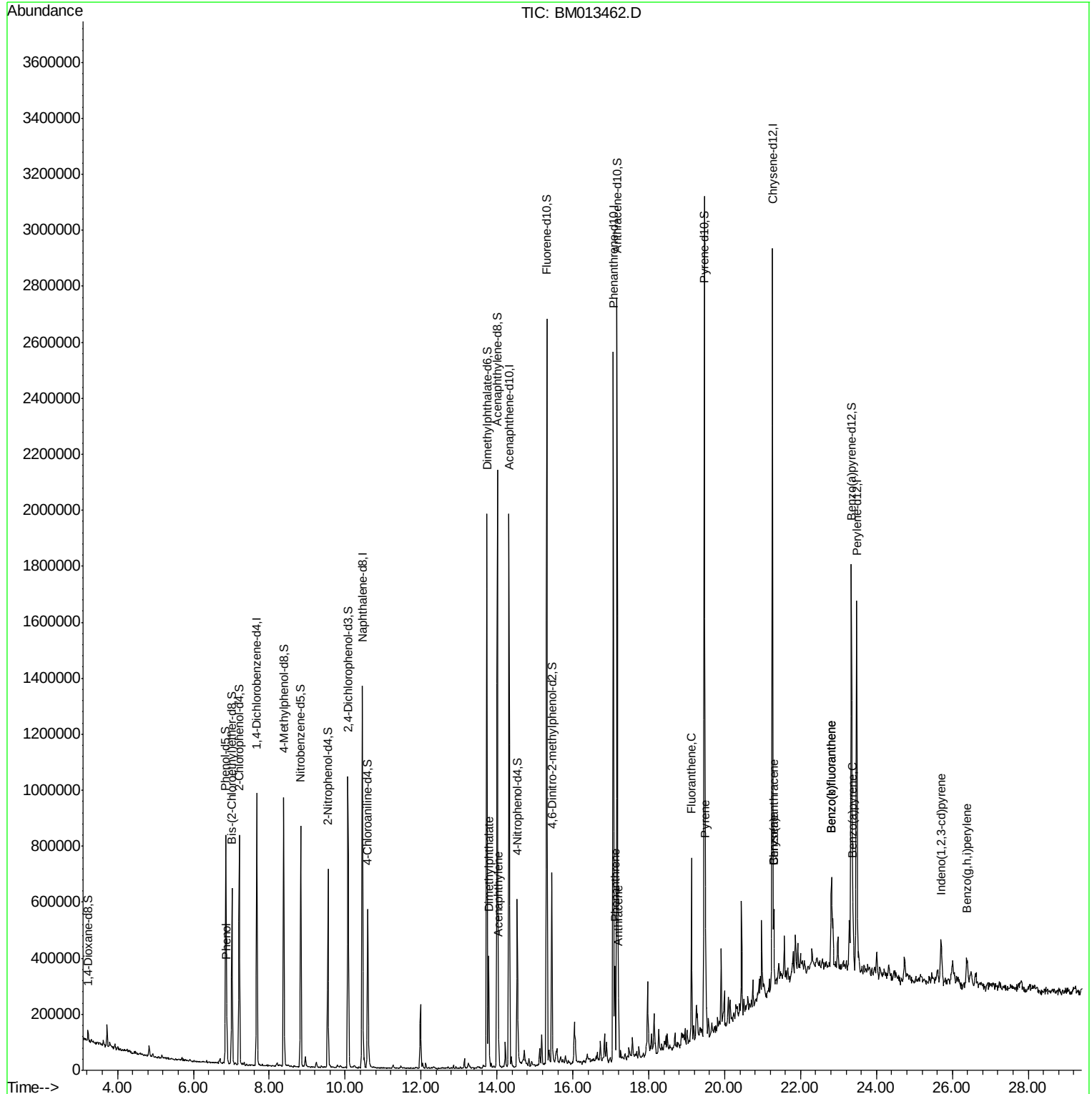
Quant Time: Dec 16 05:46:02 2017

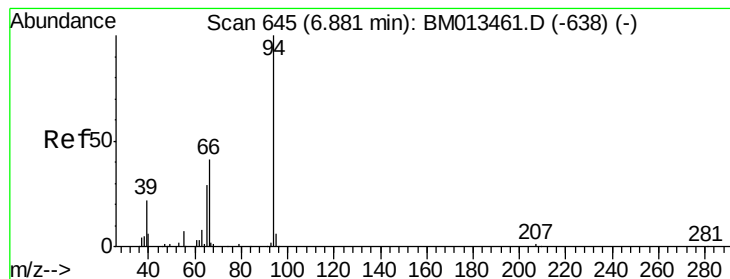
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM113017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Dec 16 05:45:34 2017

Response via : Initial Calibration





#6

Phenol

Concen: 3.40 ng/ul

RT: 6.88 min Scan# 645

Delta R.T. -0.00 min

Lab File: BM013462.D

Acq: 16 Dec 2017 05:15

Instrument :

BNA_M

ClientSampleId :

F9A65

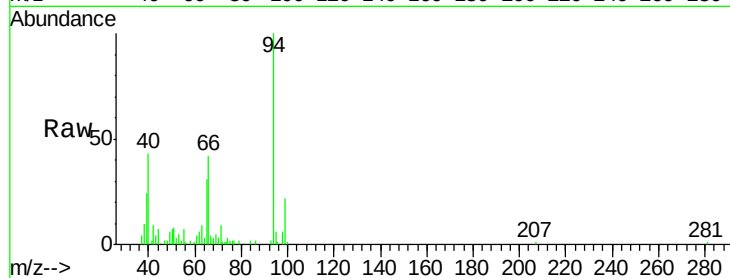
Tgt Ion: 94 Resp: 70660

Ion Ratio Lower Upper

94 100

65 31.0 28.2 42.4

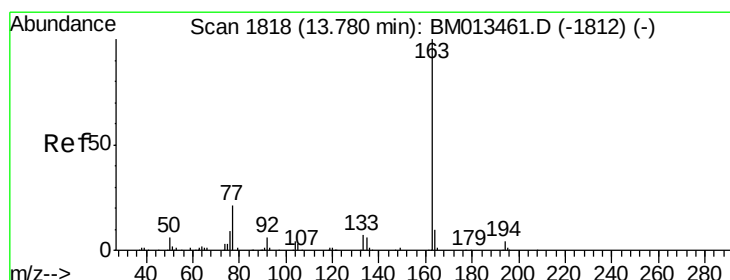
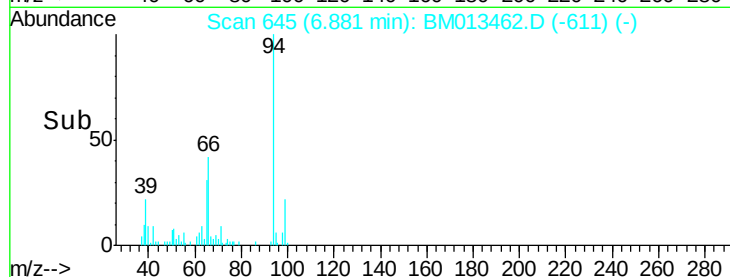
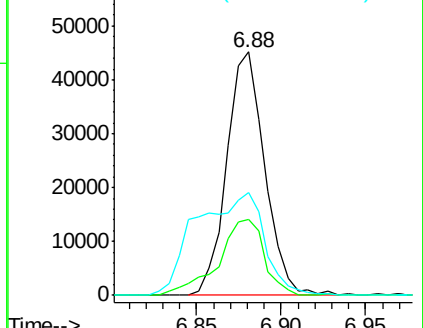
66 42.2 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM013461.D (-638) (-)

Ion 65.00 (64.70 to 65.70): BM013461.D (-638) (-)

Ion 66.00 (65.70 to 66.70): BM013461.D (-638) (-)



#44

Dimethylphthalate

Concen: 4.18 ng/ul

RT: 13.78 min Scan# 1818

Delta R.T. -0.00 min

Lab File: BM013462.D

Acq: 16 Dec 2017 05:15

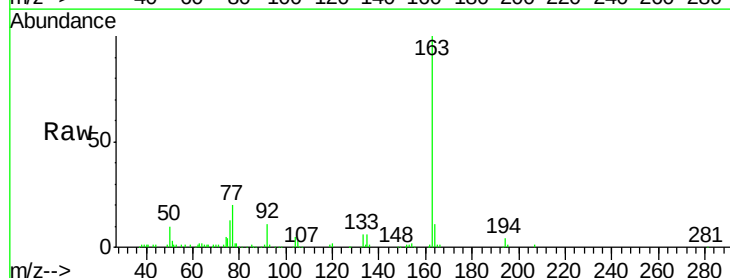
Tgt Ion: 163 Resp: 225060

Ion Ratio Lower Upper

163 100

194 4.5 3.5 5.3

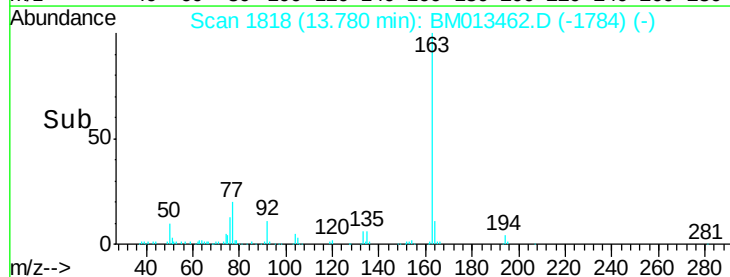
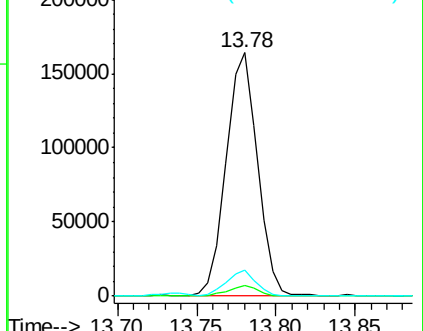
164 10.7 8.2 12.4

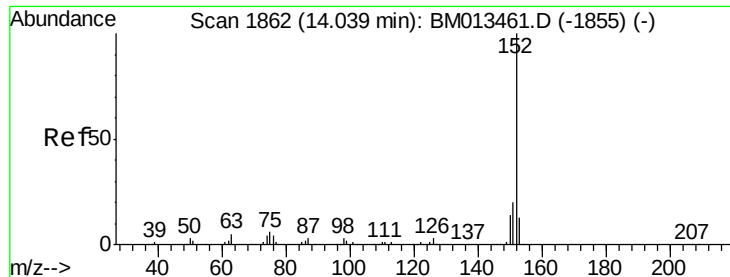


Abundance Ion 163.00 (162.70 to 163.70): BM013461.D (-1812) (-)

Ion 194.00 (193.70 to 194.70): BM013461.D (-1812) (-)

Ion 164.00 (163.70 to 164.70): BM013461.D (-1812) (-)





#47

Acenaphthylene

Concen: 1.43 ng/ul

RT: 14.03 min Scan# 1861

Delta R.T. -0.01 min

Lab File: BM013462.D

Acq: 16 Dec 2017 05:15

Instrument :

BNA_M

ClientSampleId :

F9A65

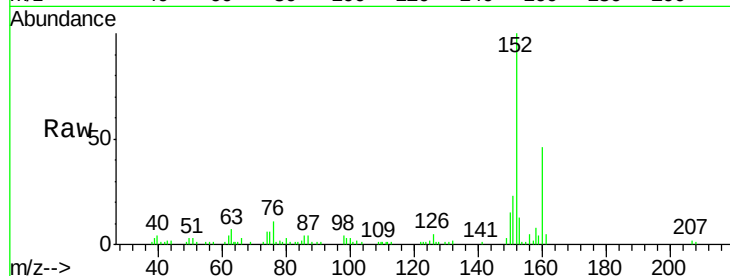
Tgt Ion:152 Resp: 91829

Ion Ratio Lower Upper

152 100

151 23.3 16.3 24.5

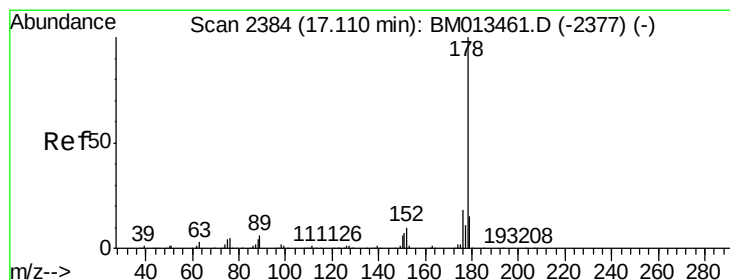
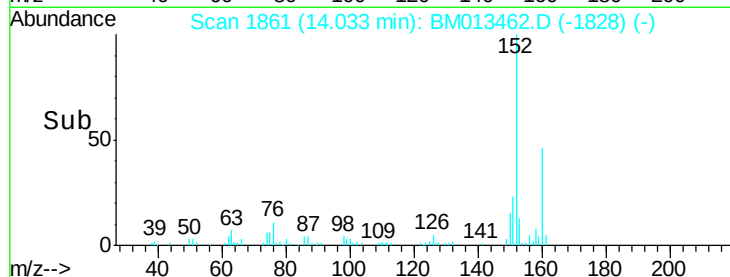
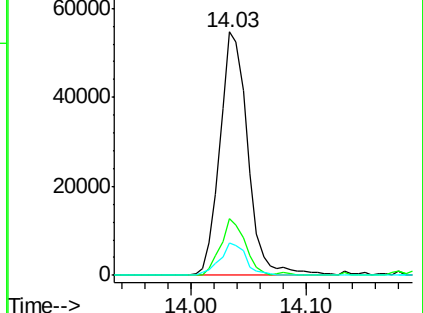
153 13.2 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 2.49 ng/ul

RT: 17.11 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM013462.D

Acq: 16 Dec 2017 05:15

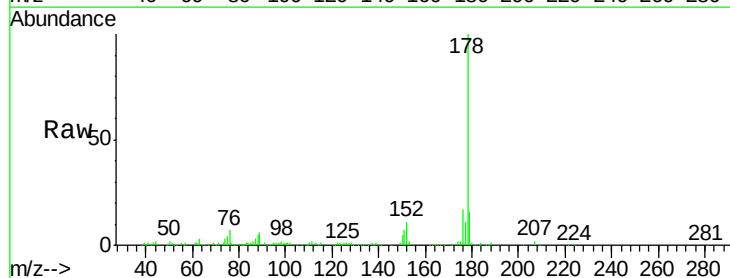
Tgt Ion:178 Resp: 198962

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

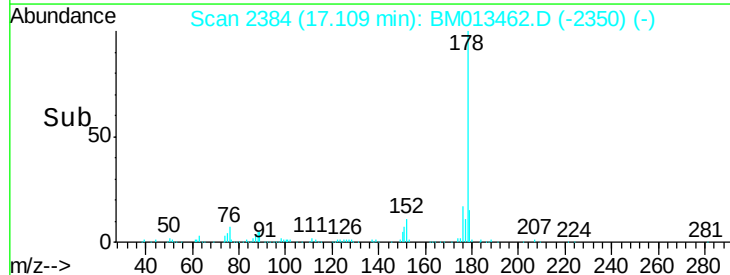
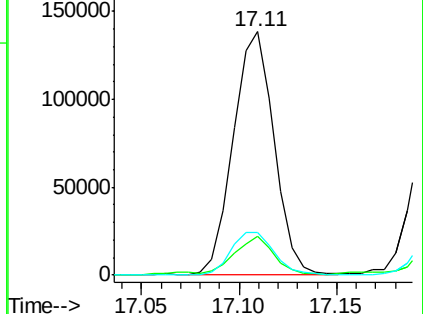
176 17.3 14.9 22.3

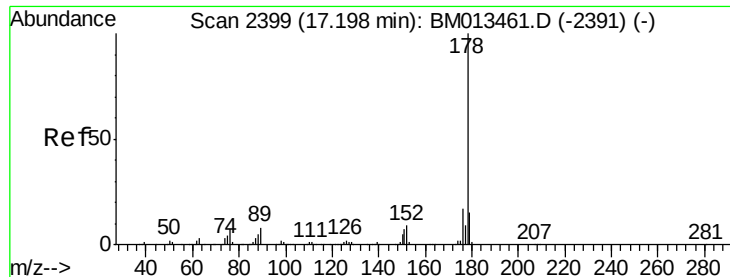


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

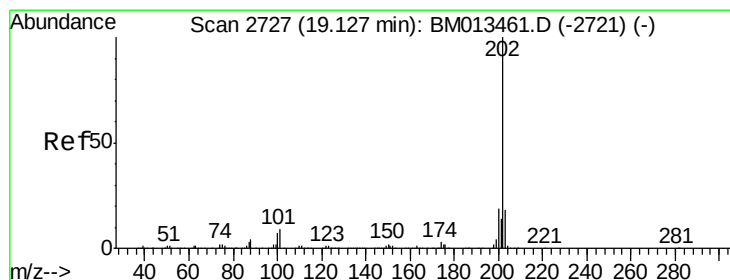
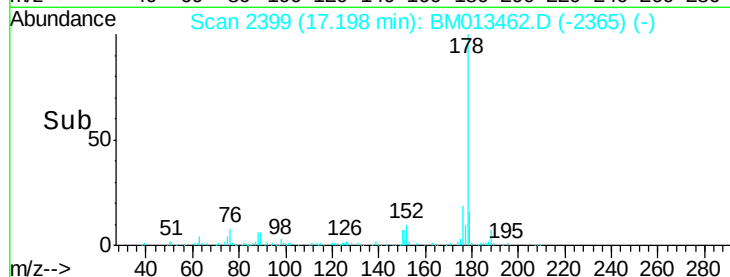
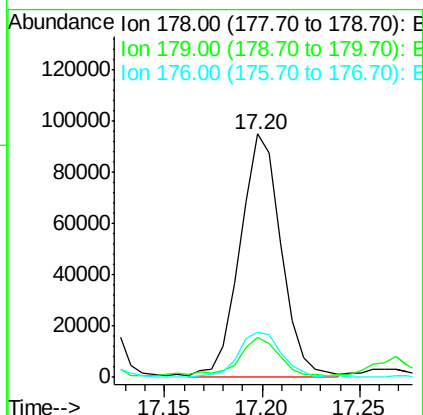
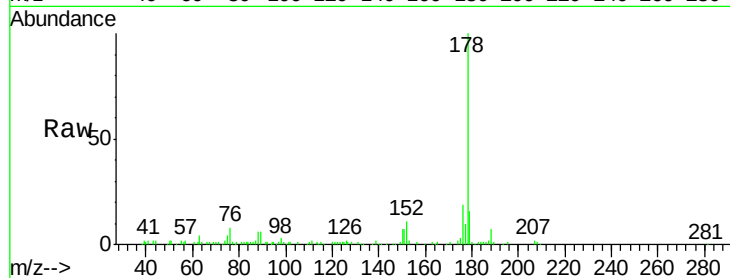




#71
 Anthracene
 Concen: 1.69 ng/ul
 RT: 17.20 min Scan# 2399
 Delta R.T. -0.00 min
 Lab File: BM013462.D
 Acq: 16 Dec 2017 05:15

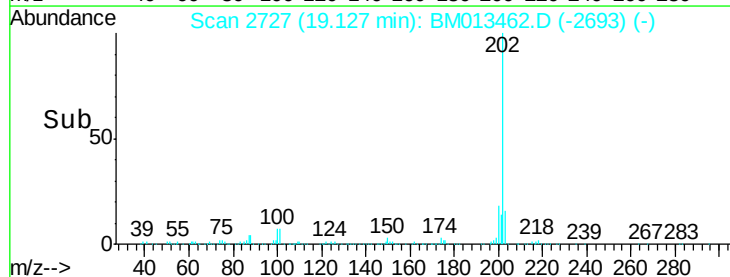
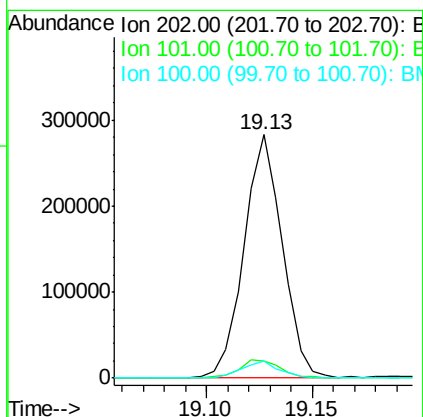
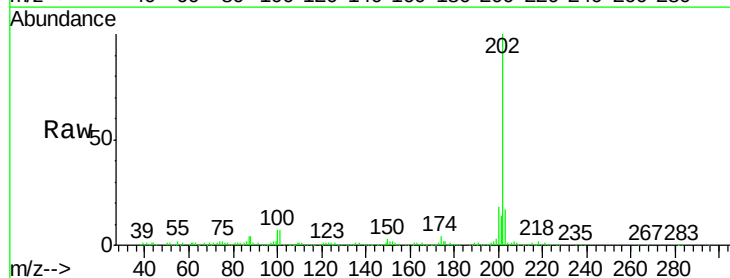
Instrument :
 BNA_M
 ClientSampleId :
 F9A65

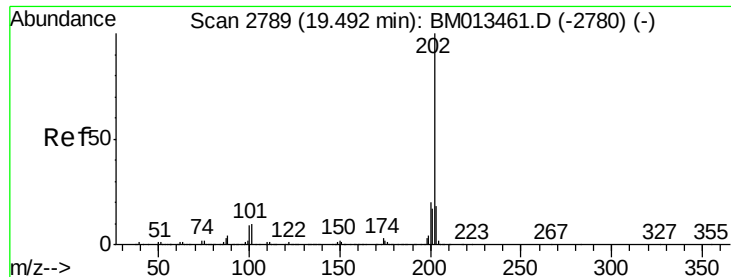
Tgt Ion:178 Resp: 137964
 Ion Ratio Lower Upper
 178 100
 179 16.4 11.7 17.5
 176 18.7 14.6 21.8



#74
 Fluoranthene
 Concen: 3.63 ng/ul
 RT: 19.13 min Scan# 2727
 Delta R.T. -0.00 min
 Lab File: BM013462.D
 Acq: 16 Dec 2017 05:15

Tgt Ion:202 Resp: 354470
 Ion Ratio Lower Upper
 202 100
 101 6.9 4.6 7.0
 100 6.9 3.4 5.2#





#77

Pyrene

Concen: 4.18 ng/ul

RT: 19.49 min Scan# 2789

Delta R.T. -0.00 min

Lab File: BM013462.D

Acq: 16 Dec 2017 05:15

Instrument :

BNA_M

ClientSampleId :

F9A65

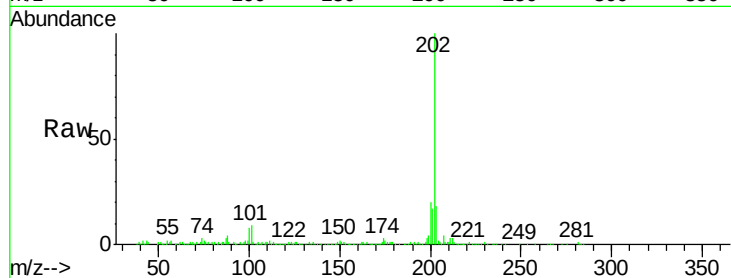
Tgt Ion:202 Resp: 292229

Ion Ratio Lower Upper

202 100

101 8.9 5.1 7.7#

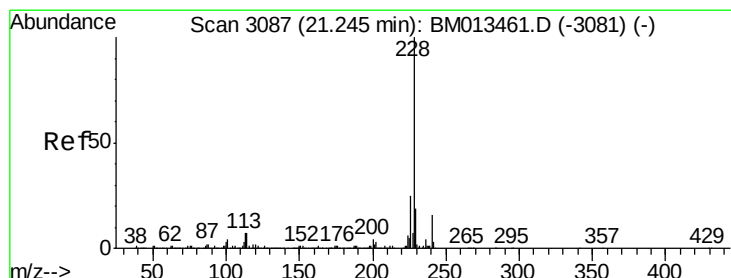
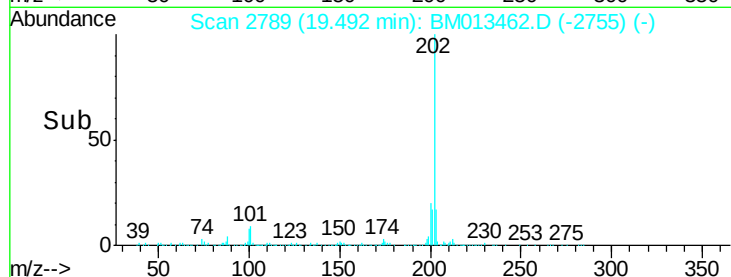
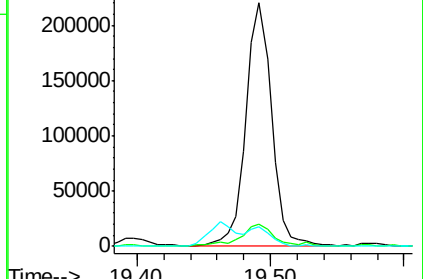
100 7.8 4.9 7.3#



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: 2.37 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. 0.05 min

Lab File: BM013462.D

Acq: 16 Dec 2017 05:15

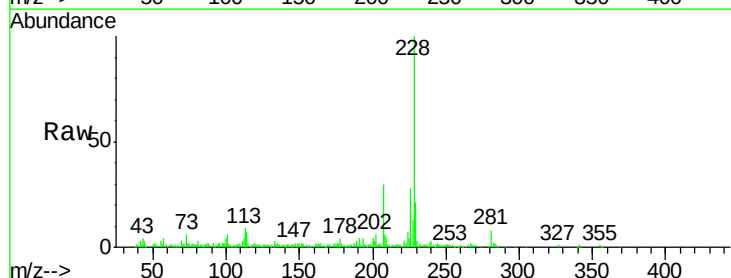
Tgt Ion:228 Resp: 173158

Ion Ratio Lower Upper

228 100

229 20.6 15.4 23.0

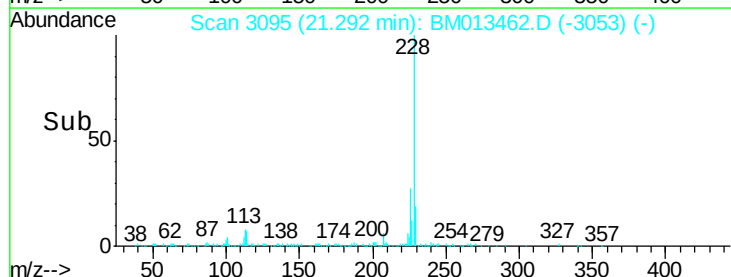
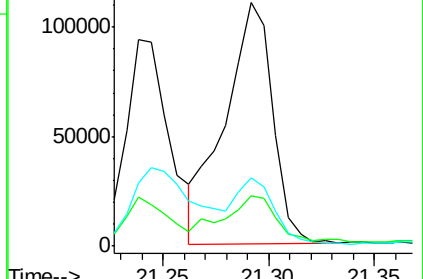
226 27.9 21.4 32.0

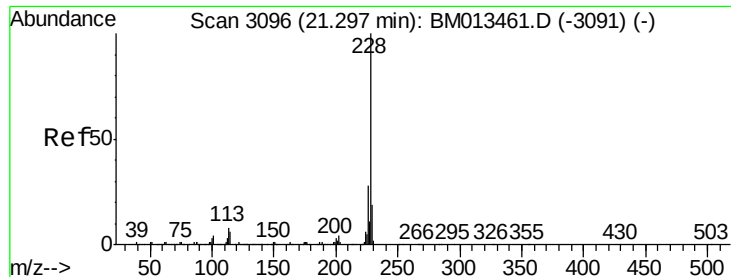


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.56 ng/ul

RT: 21.29 min Scan# 3095

Delta R.T. -0.01 min

Lab File: BM013462.D

Acq: 16 Dec 2017 05:15

Instrument :

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ClientSampleId :

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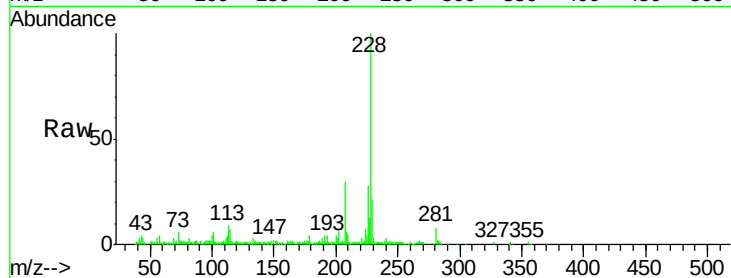
Tgt Ion: 228 Resp: 173158

Ion Ratio Lower Upper

228 100

226 27.9 23.4 35.2

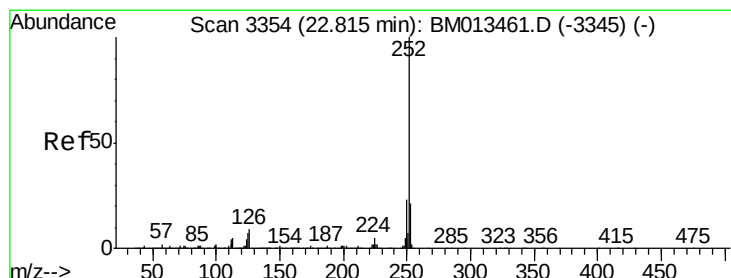
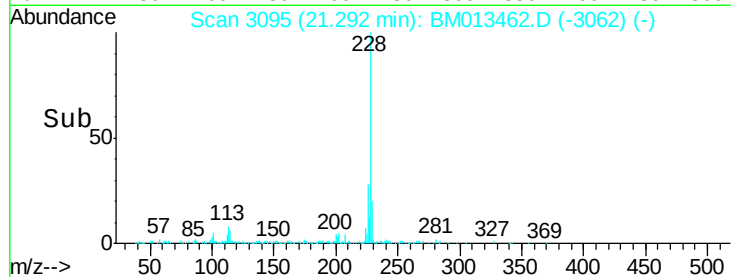
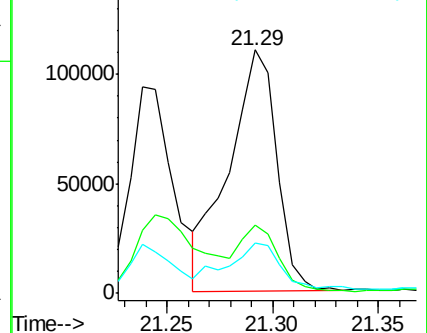
229 20.6 15.5 23.3



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: 3.51 ng/ul

RT: 22.81 min Scan# 3354

Delta R.T. -0.00 min

Lab File: BM013462.D

Acq: 16 Dec 2017 05:15

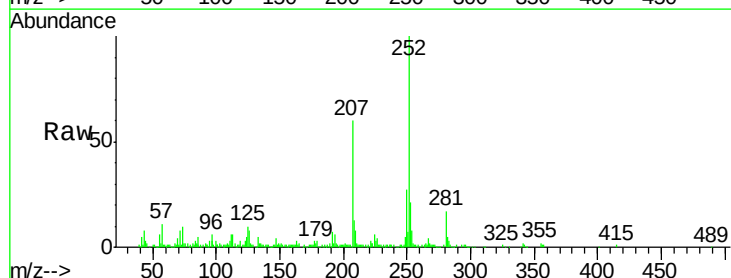
Tgt Ion: 252 Resp: 226457

Ion Ratio Lower Upper

252 100

253 21.0 17.9 26.9

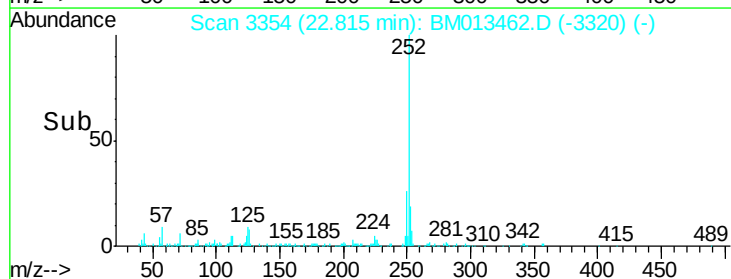
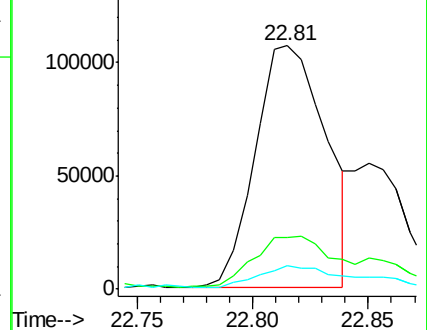
125 9.7 3.6 5.4#

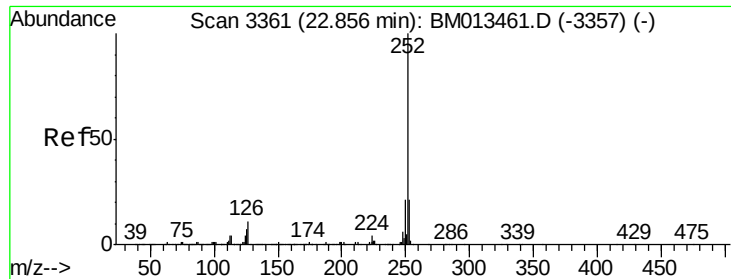


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 3.73 ng/ul

RT: 22.81 min Scan# 3354

Delta R.T. -0.04 min

Lab File: BM013462.D

Acq: 16 Dec 2017 05:15

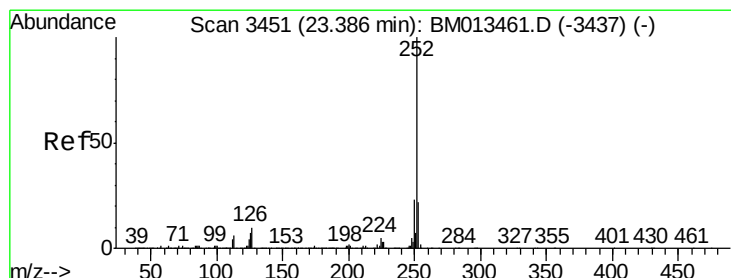
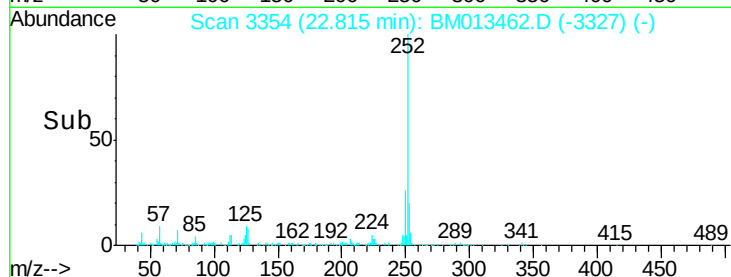
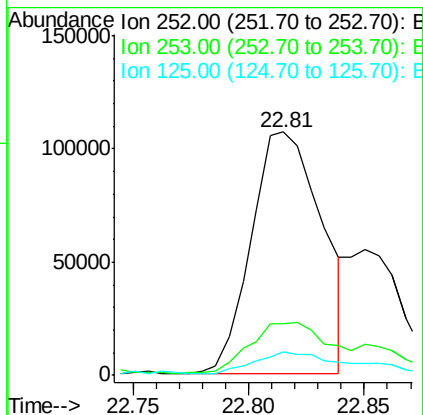
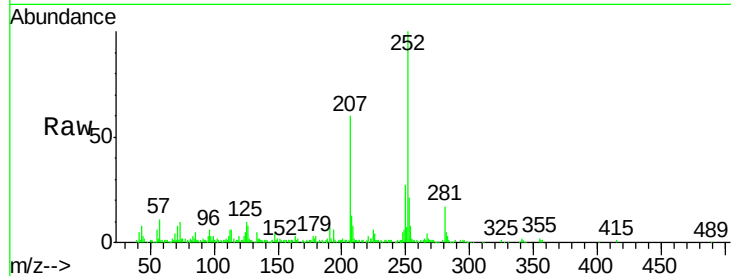
Instrument :

BNA_M

ClientSampleId :

F9A65

Tgt Ion:	252	Resp:	226457
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.1	25.7
125	9.7	3.4	5.2#



#88

Benzo(a)pyrene

Concen: 2.06 ng/ul

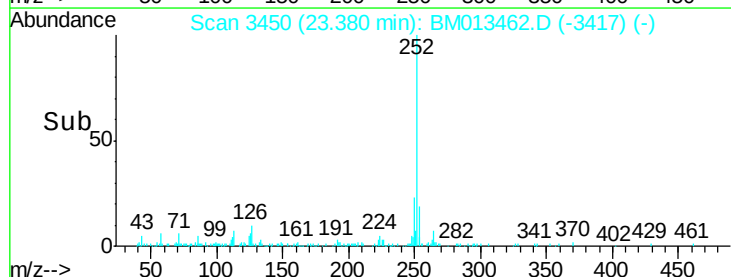
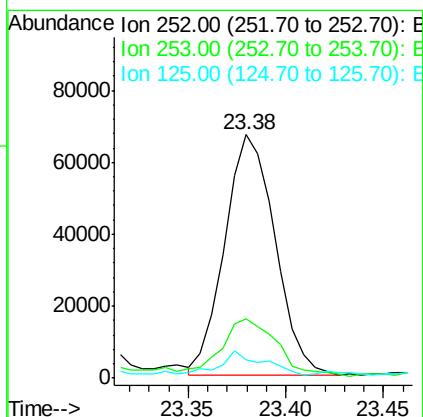
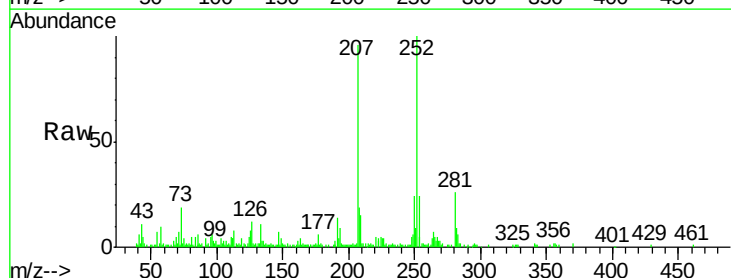
RT: 23.38 min Scan# 3450

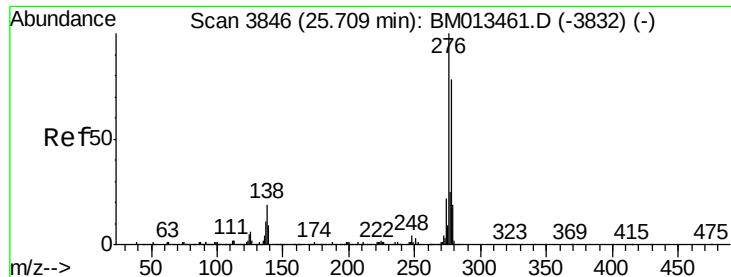
Delta R.T. -0.01 min

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Tgt Ion:	252	Resp:	119719
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.2	27.2
125	7.6	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene

Concen: 2.45 ng/ul

RT: 25.70 min Scan# 3845

Delta R.T. -0.01 min

Lab File: BM013462.D

Acq: 16 Dec 2017 05:15

Instrument :

BNA_M

ClientSampleId :

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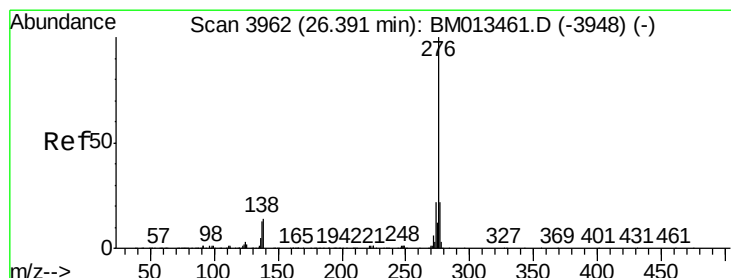
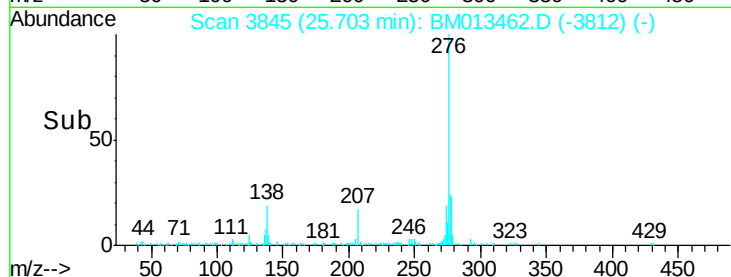
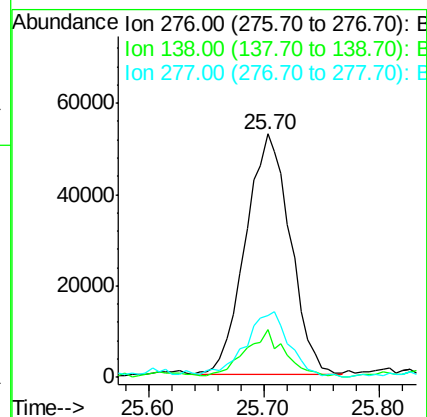
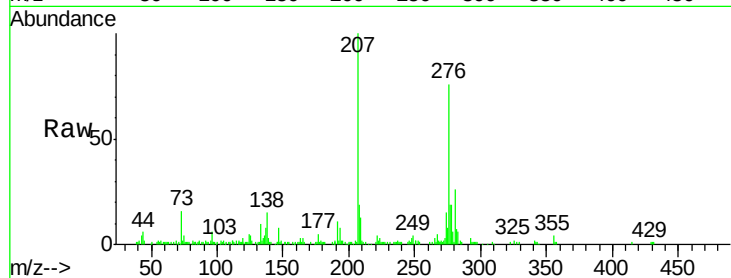
Tgt Ion:276 Resp: 141259

Ion Ratio Lower Upper

276 100

138 19.7 9.3 13.9#

277 25.6 19.9 29.9



#91

Benzo(g,h,i)perylene

Concen: 2.60 ng/ul

RT: 26.38 min Scan# 3960

Delta R.T. -0.01 min

Lab File: BM013462.D

Acq: 16 Dec 2017 05:15

Tgt Ion:276 Resp: 118196

Ion Ratio Lower Upper

276 100

138 25.6 8.5 12.7#

277 26.2 18.6 28.0

