

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010482.D
 Acq On : 10 Jun 2017 13:10
 Operator : SJ/MA
 Sample : I3521-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C54

Quant Time: Jun 12 04:16:32 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 04:15:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	148912	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	547234	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	379012	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	918498	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1307810	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1403946	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	14894	4.10	ng/uL	0.00
5) Phenol-d5	7.08	99	233452	20.69	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.24	67	130371	20.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	206762	22.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	197236	21.66	ng/ul	0.00
19) Nitrobenzene-d5	9.08	128	96011	23.95	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	122475	26.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	242315	25.40	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	106015	11.52	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	841979	26.74	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	914986	24.91	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	98172	20.84	ng/ul	0.00
57) Fluorene-d10	15.52	176	721062	26.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	136890	21.04	ng/ul	0.00
70) Anthracene-d10	17.38	188	1185664	26.53	ng/ul	0.00
76) Pyrene-d10	19.67	212	1521804	28.14	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1677556	25.66	ng/ul	0.00

Target Compounds

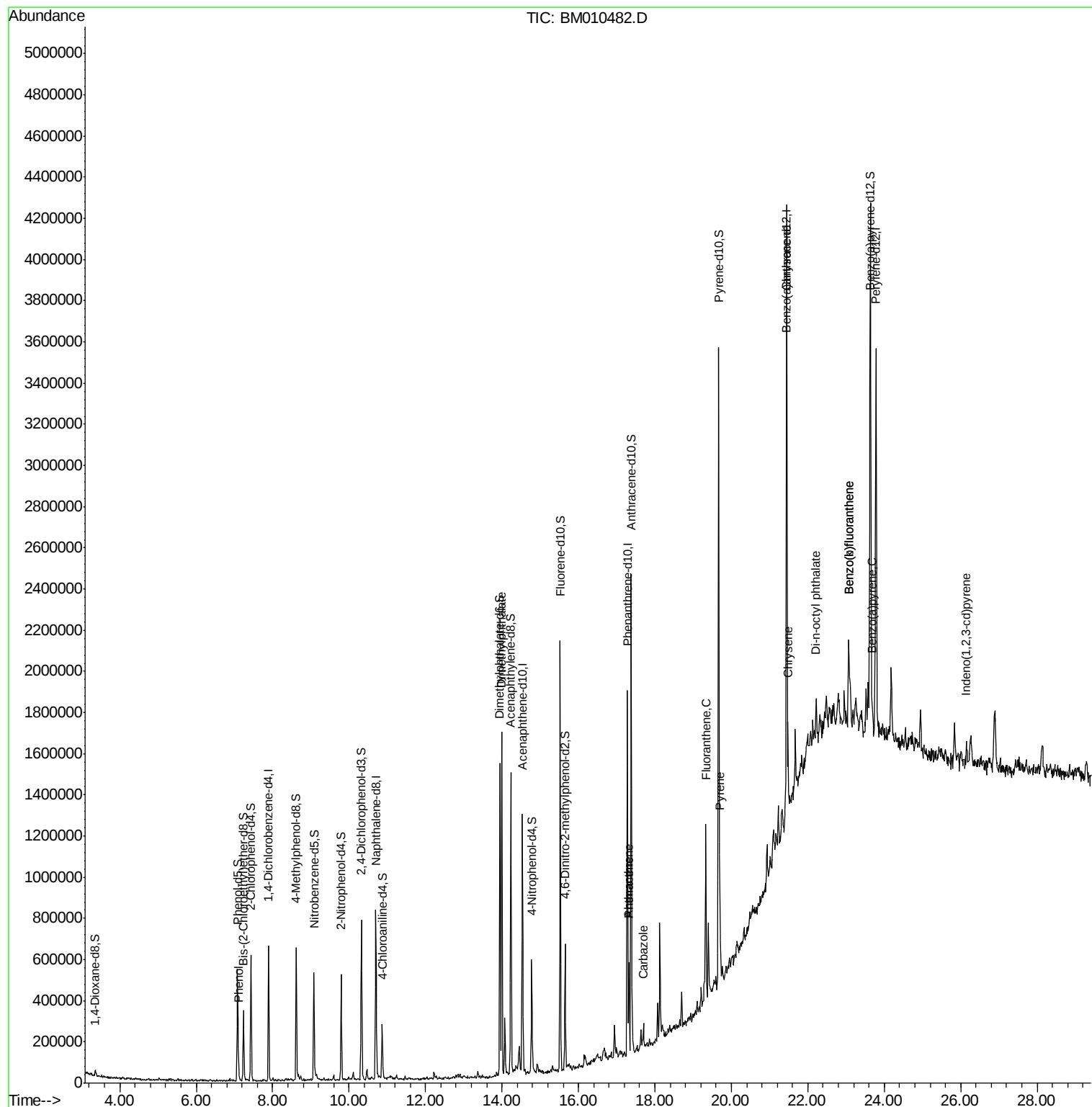
					Qvalue	
6) Phenol	7.10	94	20702	1.789	ng/ul	93
44) Dimethylphthalate	13.99	163	871693	28.147	ng/ul	100
69) Phenanthrene	17.32	178	245393	5.005	ng/ul	97
71) Anthracene	17.32	178	245393	4.794	ng/ul	99
72) Carbazole	17.70	167	48123	1.111	ng/ul	98
74) Fluoranthene	19.33	202	511086	8.476	ng/ul	99
77) Pyrene	19.70	202	344766	5.116	ng/ul#	94
80) Benzo(a)anthracene	21.43	228	109316	1.482	ng/ul	93
82) Chrysene	21.48	228	254419	3.816	ng/ul	91
84) Di-n-octyl phthalate	22.22	149	129540	2.005	ng/ul#	63
85) Benzo(b)fluoranthene	23.07	252	318746	3.902	ng/ul#	93
86) Benzo(k)fluoranthene	23.07	252	318746	4.084	ng/ul#	91
88) Benzo(a)pyrene	23.68	252	98018	1.210	ng/ul#	84
89) Indeno(1,2,3-cd)pyrene	26.16	276	125527	1.227	ng/ul	96

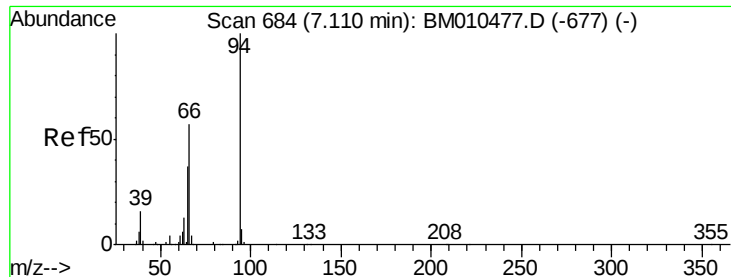
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010482.D
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 04:15:09 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.789 ng/ul

RT: 7.10 min Scan# 683

Delta R.T. -0.01 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Instrument :

BNA_M

ClientSampleId :

F5C54

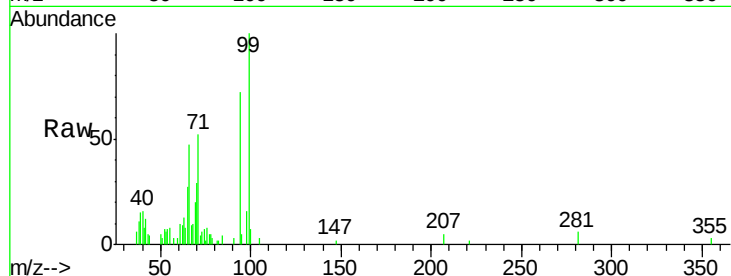
Tgt Ion: 94 Resp: 20702

Ion Ratio Lower Upper

94 100

65 37.6 28.2 42.4

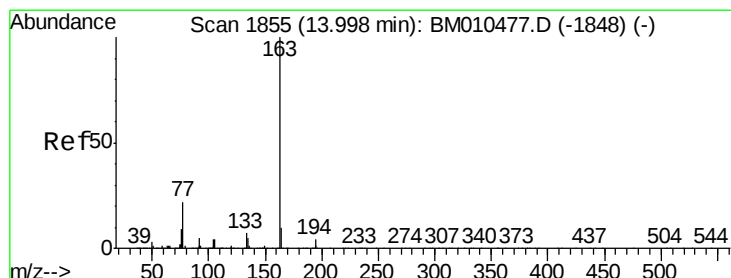
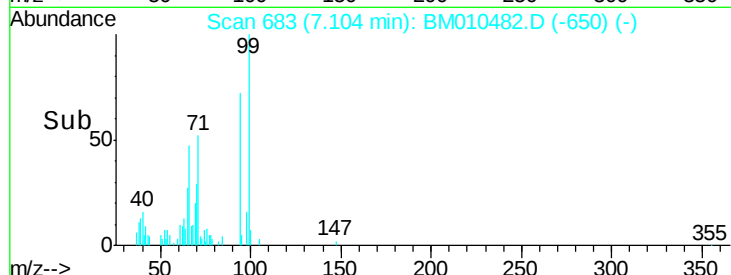
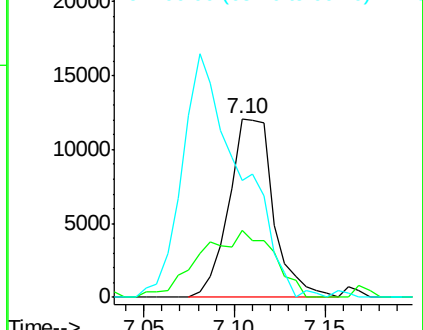
66 65.5 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010477.D (-677) (-)

Ion 65.00 (64.70 to 65.70): BM010477.D (-677) (-)

Ion 66.00 (65.70 to 66.70): BM010477.D (-677) (-)



#44

Dimethylphthalate

Concen: 28.147 ng/ul

RT: 13.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

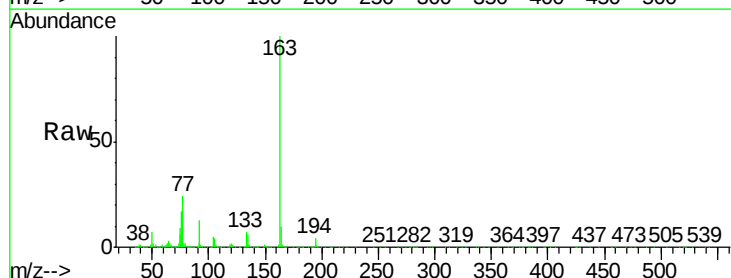
Tgt Ion:163 Resp: 871693

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

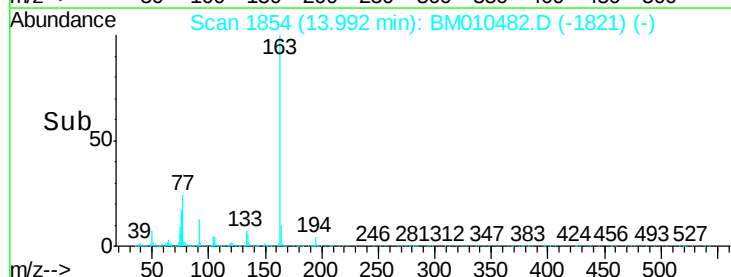
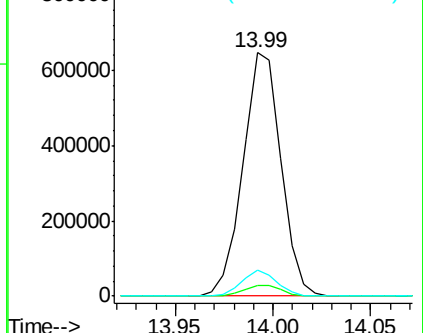
164 10.5 8.2 12.4

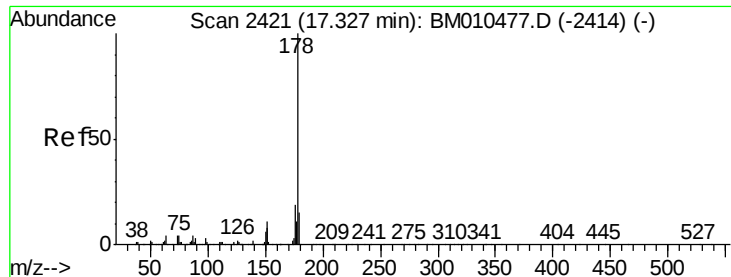


Abundance Ion 163.00 (162.70 to 163.70): BM010477.D (-1848) (-)

Ion 194.00 (193.70 to 194.70): BM010477.D (-1848) (-)

Ion 164.00 (163.70 to 164.70): BM010477.D (-1848) (-)





#69

Phenanthrene

Concen: 5.005 ng/ul

RT: 17.32 min Scan# 2420

Delta R.T. -0.01 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Instrument :

BNA_M

ClientSampleId :

F5C54

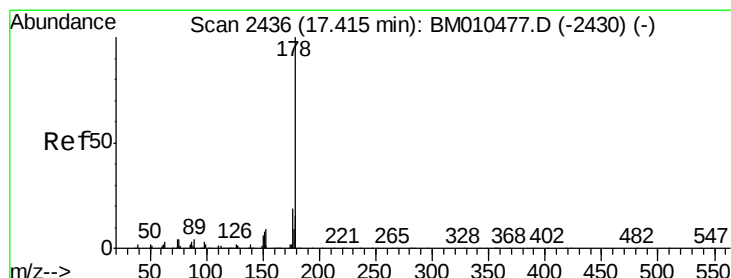
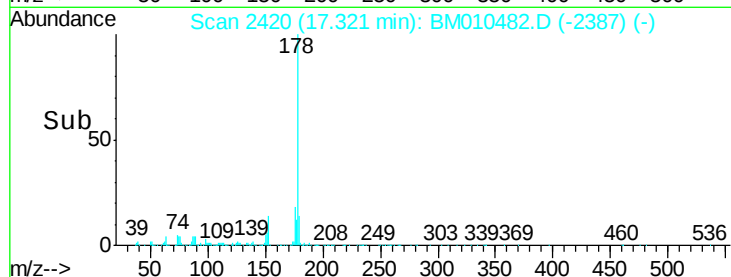
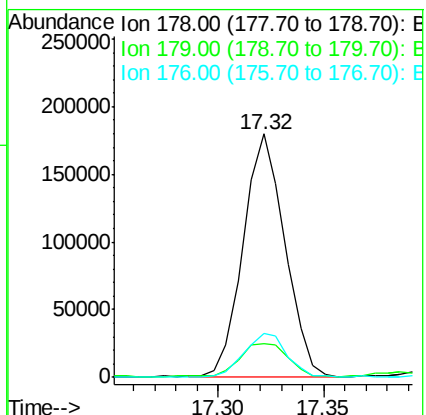
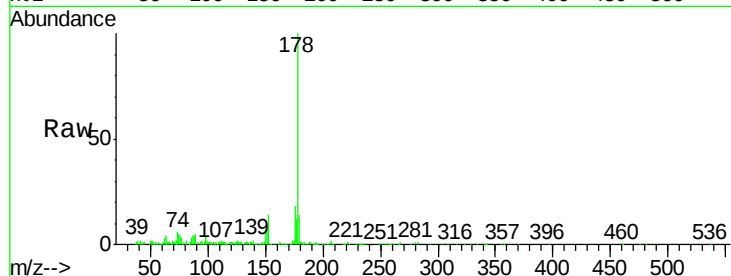
Tgt Ion:178 Resp: 245393

Ion Ratio Lower Upper

178 100

179 13.9 12.6 19.0

176 18.1 14.9 22.3



#71

Anthracene

Concen: 4.794 ng/ul

RT: 17.32 min Scan# 2420

Delta R.T. -0.09 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

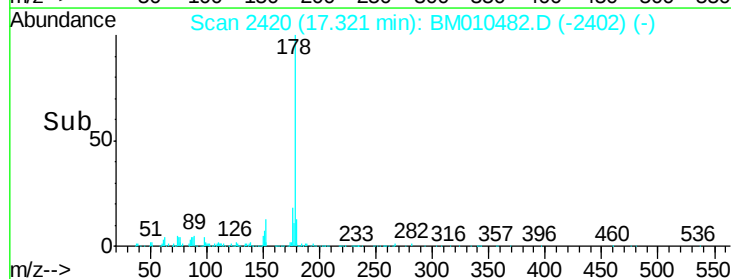
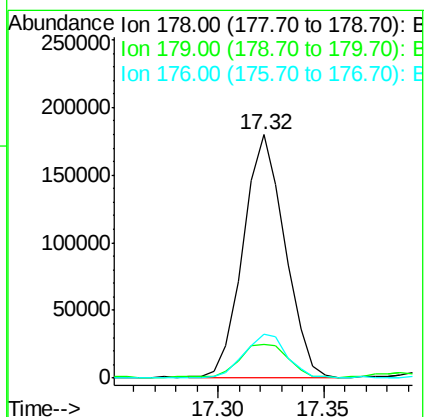
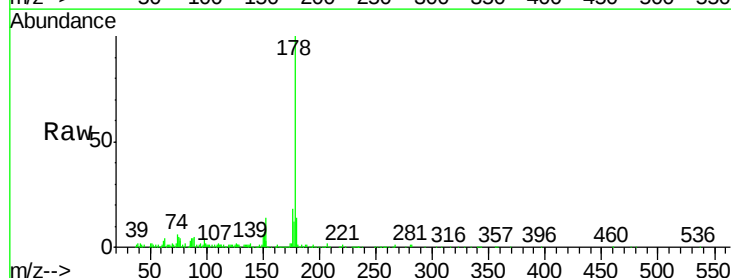
Tgt Ion:178 Resp: 245393

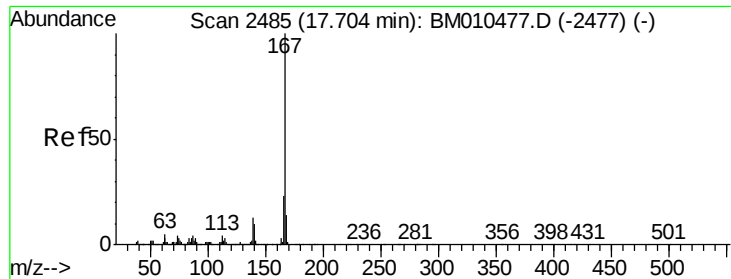
Ion Ratio Lower Upper

178 100

179 13.9 11.7 17.5

176 18.1 14.6 21.8





#72

Carbazole

Concen: 1.111 ng/ul

RT: 17.70 min Scan# 2485

Delta R.T. 0.00 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Instrument :

BNA_M

ClientSampleId :

F5C54

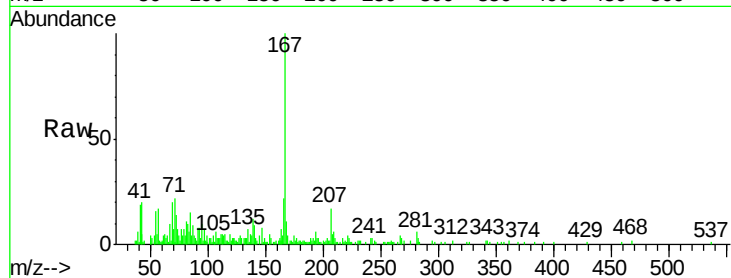
Tgt Ion:167 Resp: 48123

Ion Ratio Lower Upper

167 100

166 22.3 17.1 25.7

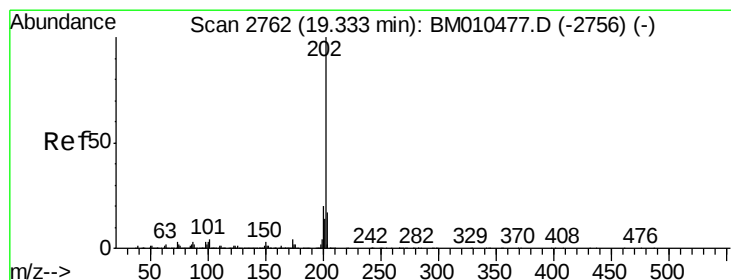
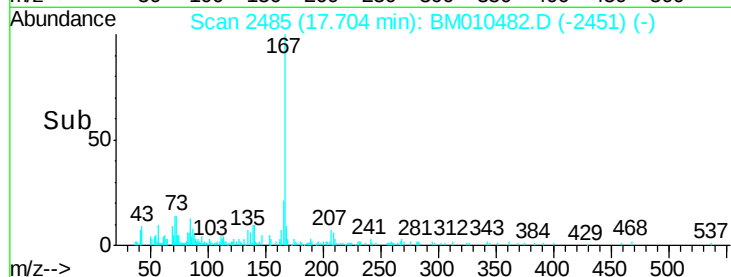
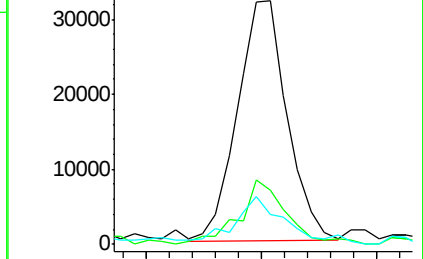
139 12.1 10.0 15.0



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: 8.476 ng/ul

RT: 19.33 min Scan# 2761

Delta R.T. -0.01 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

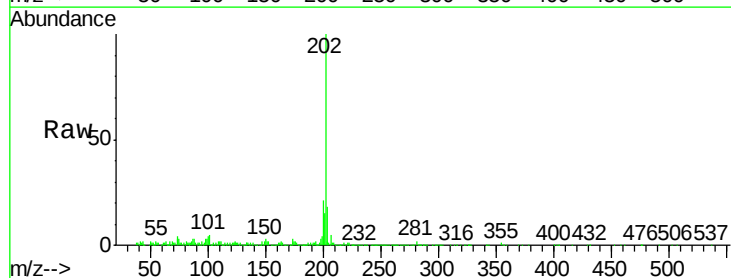
Tgt Ion:202 Resp: 511086

Ion Ratio Lower Upper

202 100

101 5.4 4.6 7.0

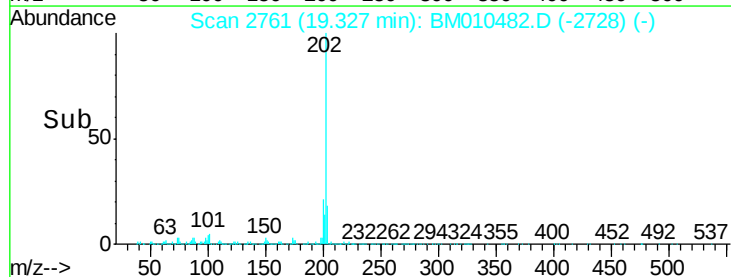
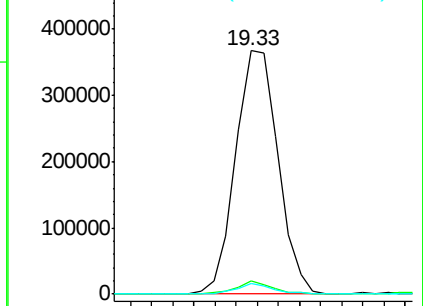
100 4.1 3.4 5.2

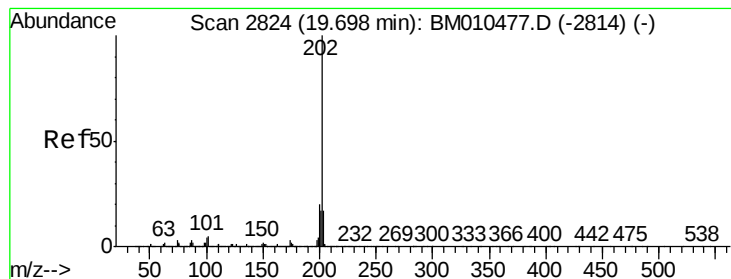


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pyrene

Concen: 5.116 ng/ul

RT: 19.70 min Scan# 2824

Delta R.T. 0.00 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Instrument :

BNA_M

ClientSampleId :

F5C54

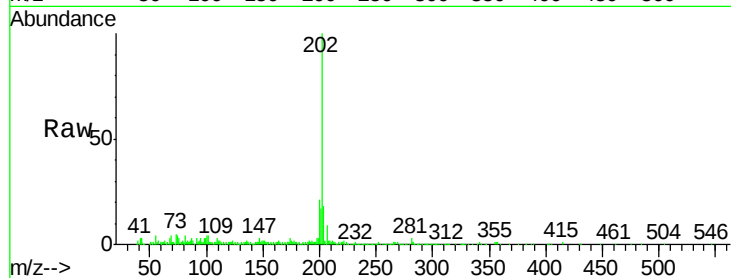
Tgt Ion:202 Resp: 344766

Ion Ratio Lower Upper

202 100

101 3.9 5.1 7.7#

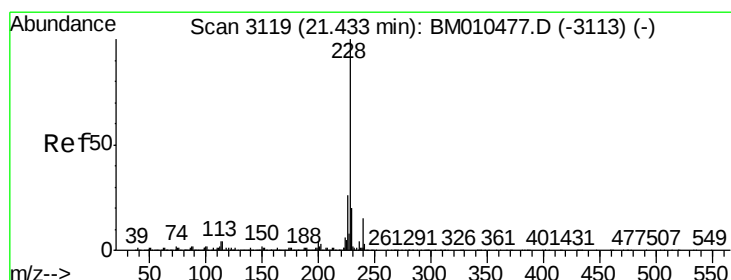
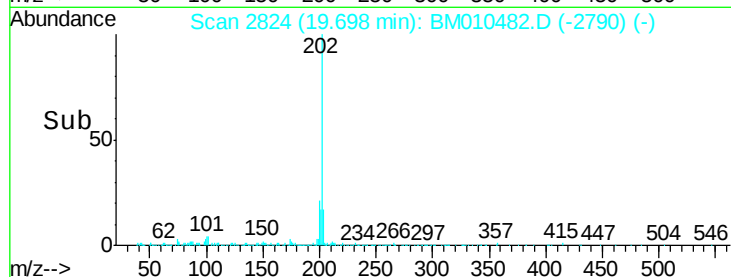
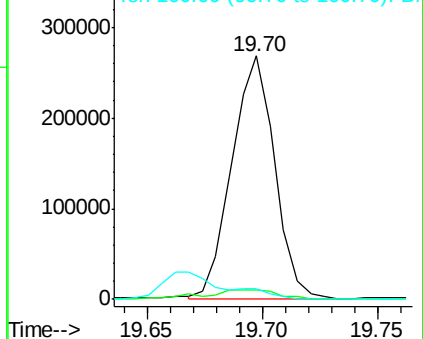
100 4.3 4.9 7.3#



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: 1.482 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. 0.00 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

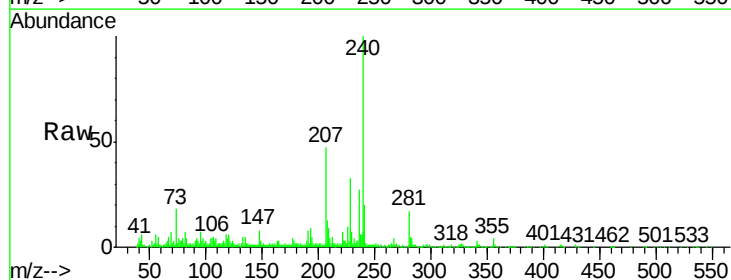
Tgt Ion:228 Resp: 109316

Ion Ratio Lower Upper

228 100

229 21.8 15.4 23.0

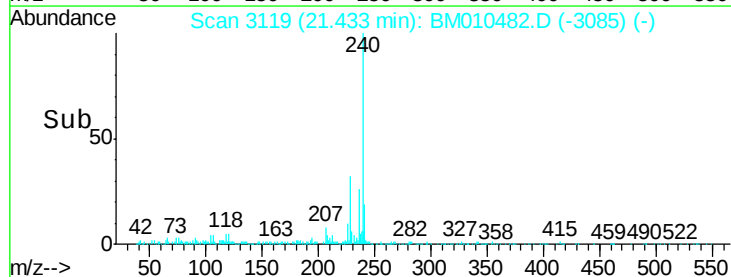
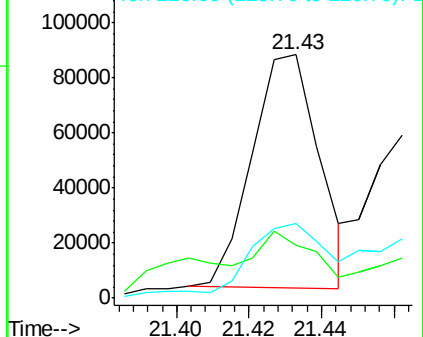
226 30.8 21.4 32.0

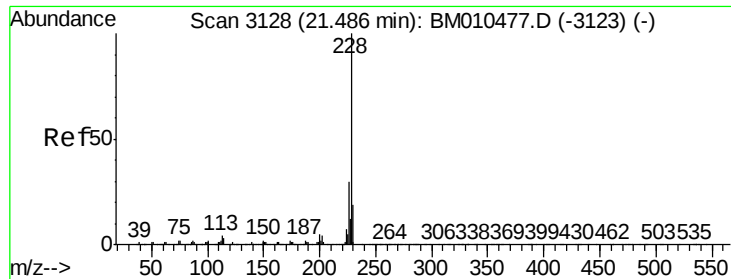


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 3.816 ng/ul

RT: 21.48 min Scan# 3127

Delta R.T. -0.01 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Instrument :

BNA_M

ClientSampleId :

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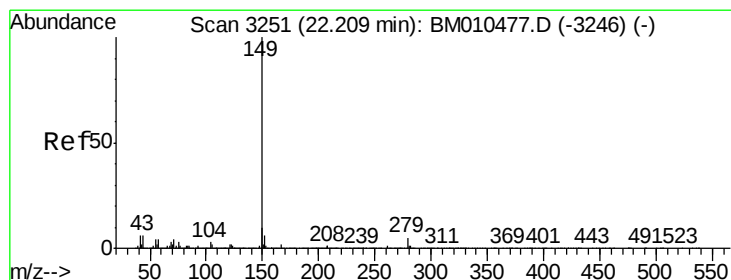
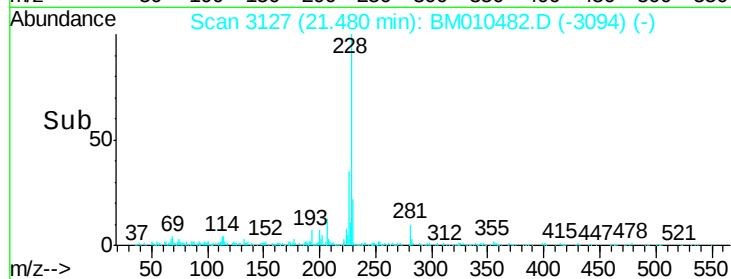
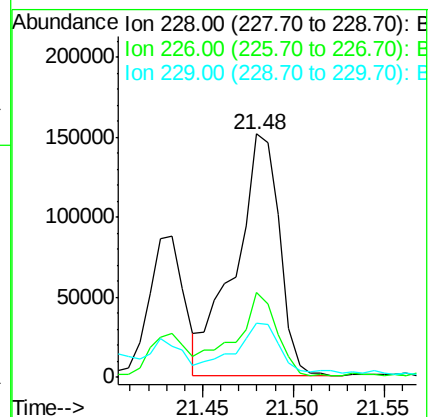
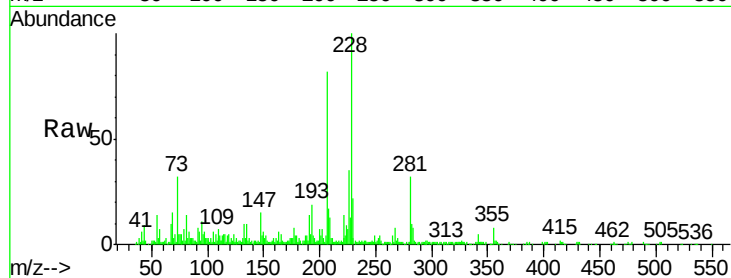
Tgt Ion: 228 Resp: 254419

Ion Ratio Lower Upper

228 100

226 35.0 23.4 35.2

229 22.4 15.5 23.3



#84

Di-n-octyl phthalate

Concen: 2.005 ng/ul

RT: 22.22 min Scan# 3252

Delta R.T. 0.01 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

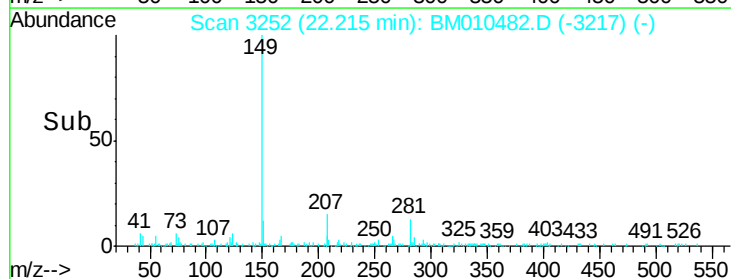
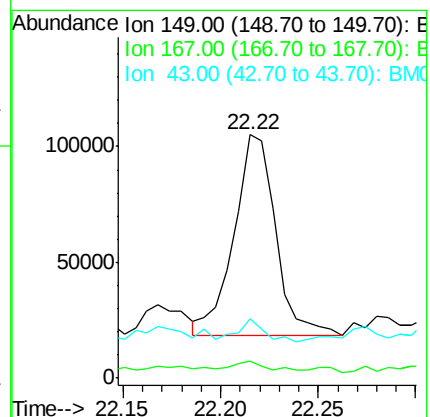
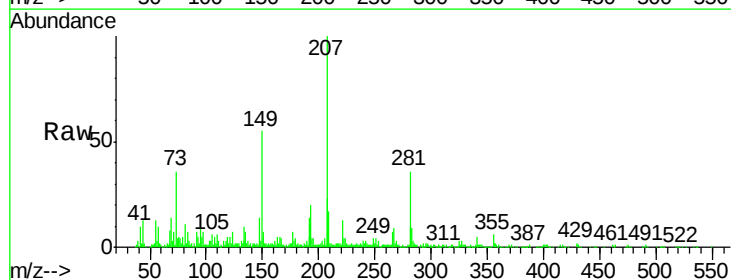
Tgt Ion: 149 Resp: 129540

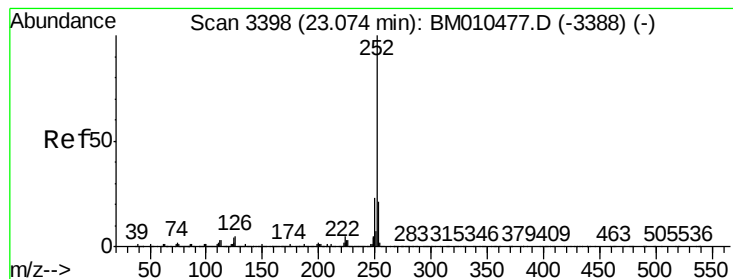
Ion Ratio Lower Upper

149 100

167 6.9 1.3 1.9#

43 24.1 7.3 10.9#





#85

Benzo(b)fluoranthene

Concen: 3.902 ng/u1

RT: 23.07 min Scan# 3397

Delta R.T. -0.01 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

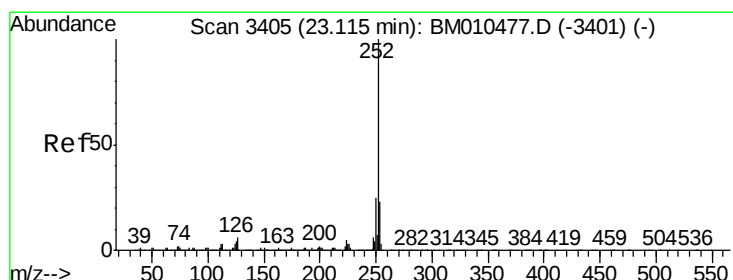
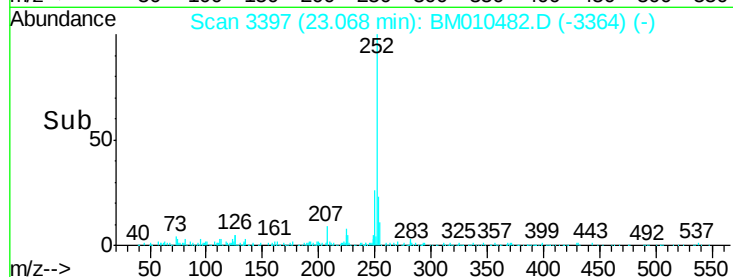
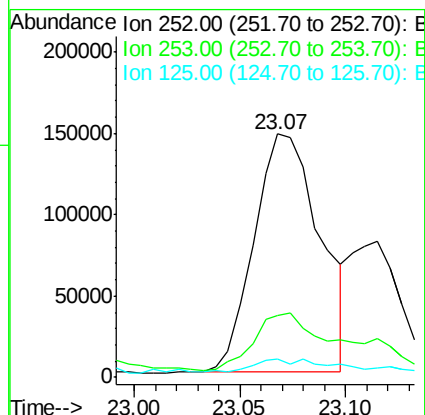
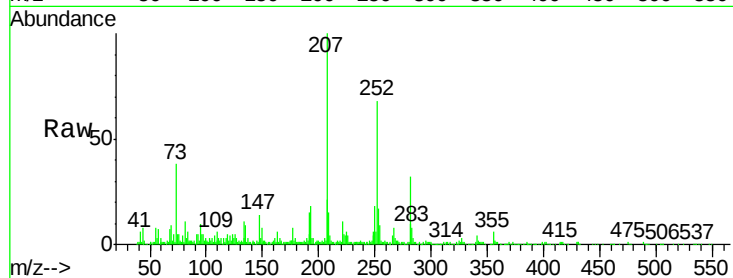
Instrument :

BNA_M

ClientSampleId :

F5C54

Tgt Ion:	252	Resp:	318746
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.9	26.9
125	7.3	3.6	5.4#



#86

Benzo(k)fluoranthene

Concen: 4.084 ng/u1

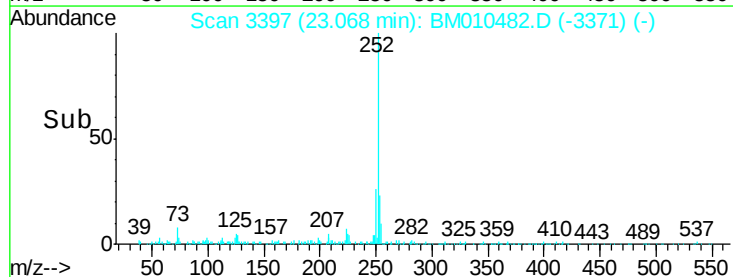
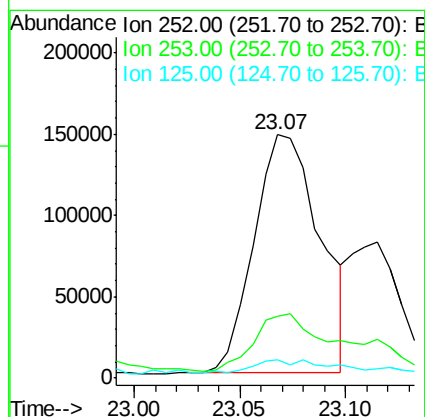
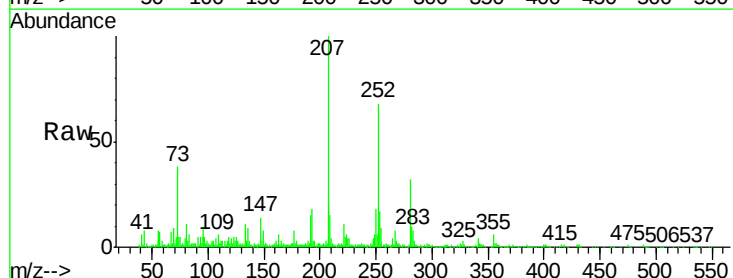
RT: 23.07 min Scan# 3397

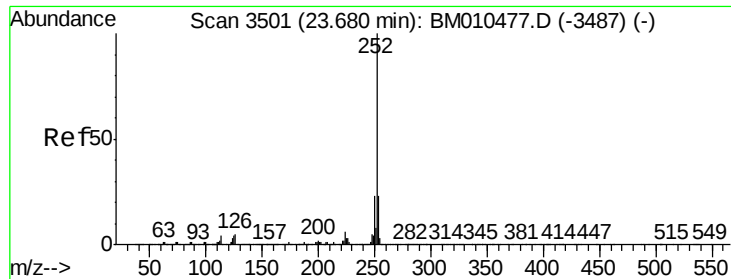
Delta R.T. -0.05 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Tgt Ion:	252	Resp:	318746
Ion Ratio	Lower	Upper	
252	100		
253	25.4	17.1	25.7
125	7.3	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 1.210 ng/ul

RT: 23.68 min Scan# 3501

Delta R.T. 0.00 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

Instrument :

BNA_M

ClientSampleId :

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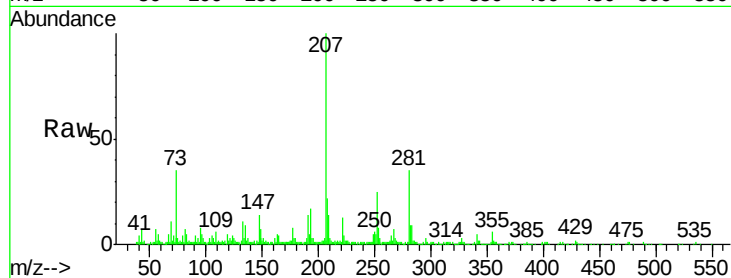
Tgt Ion:252 Resp: 98018

Ion Ratio Lower Upper

252 100

253 30.4 18.2 27.2#

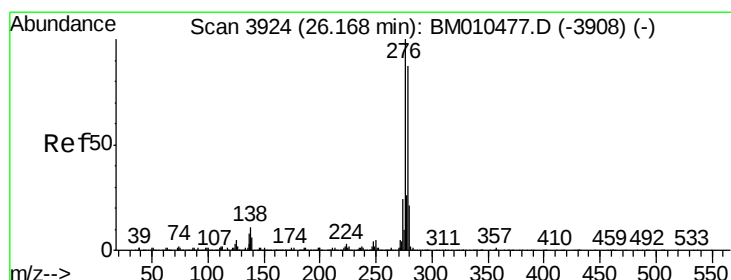
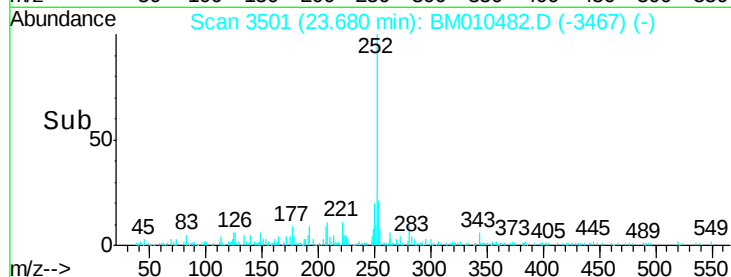
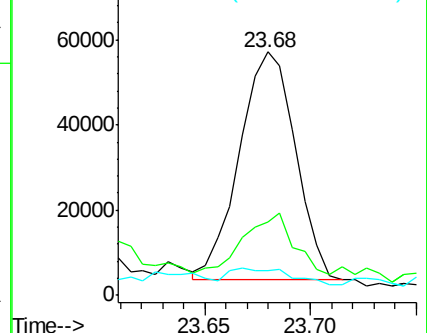
125 10.1 4.0 6.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 1.227 ng/ul

RT: 26.16 min Scan# 3922

Delta R.T. -0.01 min

Lab File: BM010482.D

Acq: 10 Jun 2017 13:10

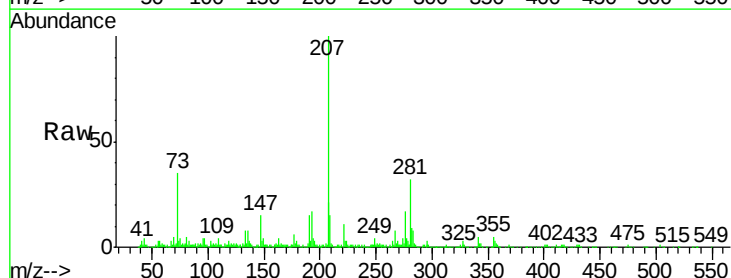
Tgt Ion:276 Resp: 125527

Ion Ratio Lower Upper

276 100

138 9.8 9.3 13.9

277 23.2 19.9 29.9



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

