

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
 Data File : BM010514.D
 Acq On : 11 Jun 2017 08:22
 Operator : SJ/MA
 Sample : I3520-14
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B41

Quant Time: Jun 12 09:07:48 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jun 12 09:00:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	152026	20.00	ng/ul	0.00
18) Naphthalene-d8	10.69	136	567930	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	390911	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.27	188	1016345	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1497747	20.00	ng/ul	0.00
83) Perylene-d12	23.78	264	1510489	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.36	96	10675	2.88	ng/uL	0.00
5) Phenol-d5	7.07	99	180069	15.63	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	104125	16.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	155369	16.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	151003	16.25	ng/ul	0.00
19) Nitrobenzene-d5	9.07	128	73636	17.70	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	91780	19.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.32	165	195399	19.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.86	131	177625	18.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	657234	20.24	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	720814	19.02	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	64738	13.32	ng/ul	0.00
57) Fluorene-d10	15.52	176	572541	20.05	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.64	200	104106	14.46	ng/ul	0.00
70) Anthracene-d10	17.37	188	926902	18.74	ng/ul	0.00
76) Pyrene-d10	19.66	212	1186190	19.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1299910	18.48	ng/ul	0.00

Target Compounds

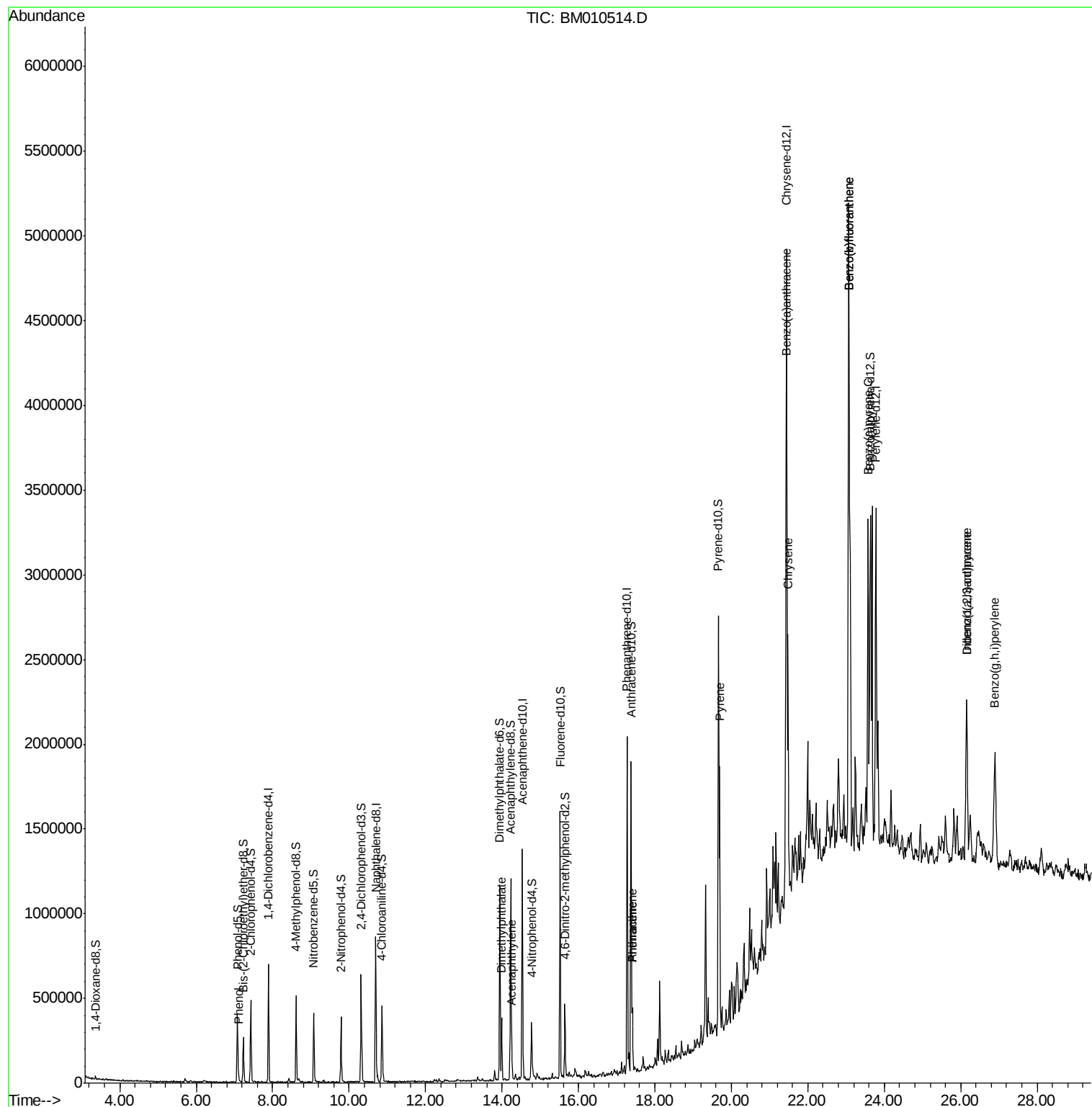
					Qvalue	
6) Phenol	7.10	94	15591	1.320	ng/ul#	78
44) Dimethylphthalate	13.99	163	196364	6.148	ng/ul	99
47) Acenaphthylene	14.26	152	82364	2.224	ng/ul#	92
69) Phenanthrene	17.41	178	205976	3.796	ng/ul	98
71) Anthracene	17.41	178	205976	3.636	ng/ul	97
77) Pyrene	19.69	202	880783	11.412	ng/ul#	94
80) Benzo(a)anthracene	21.43	228	936766	11.091	ng/ul	95
82) Chrysene	21.48	228	570643	7.474	ng/ul	97
85) Benzo(b)fluoranthene	23.07	252	3275282	37.265	ng/ul	98
86) Benzo(k)fluoranthene	23.07	252	3275282	39.008	ng/ul	100
88) Benzo(a)pyrene	23.57	252	1378338	15.821	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.16	276	989886	8.993	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.15	278	279546	2.949	ng/ul#	87
91) Benzo(g,h,i)perylene	26.90	276	703403	7.757	ng/ul	99

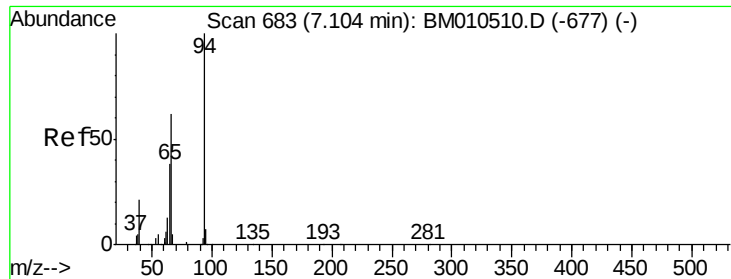
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.320 ng/ul

RT: 7.10 min Scan# 683

Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

Instrument :

BNA_M

ClientSampleId :

F5B41

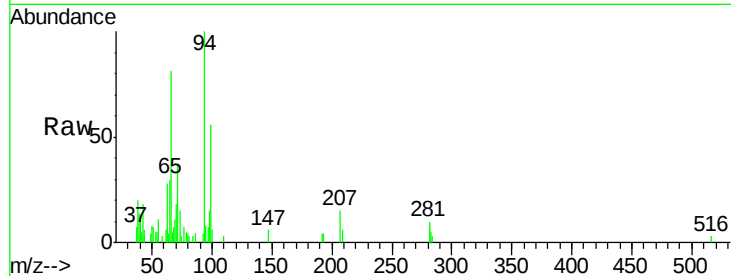
Tgt Ion: 94 Resp: 15591

Ion Ratio Lower Upper

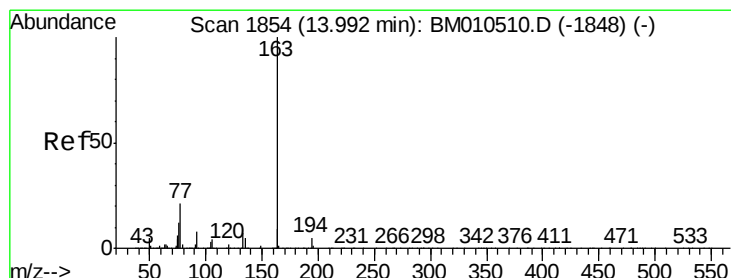
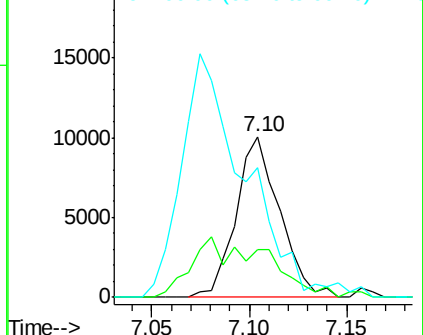
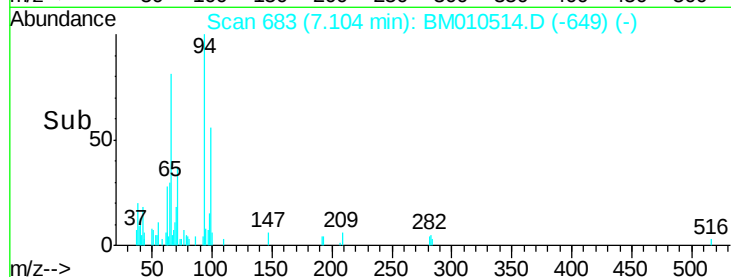
94 100

65 29.6 28.2 42.4

66 80.7 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM010514.D (-649) (-)



#44

Dimethylphthalate

Concen: 6.148 ng/ul

RT: 13.99 min Scan# 1854

Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

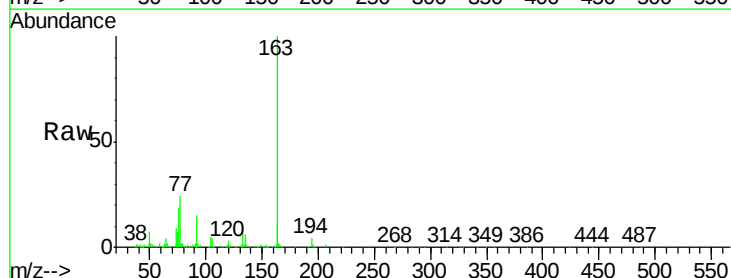
Tgt Ion:163 Resp: 196364

Ion Ratio Lower Upper

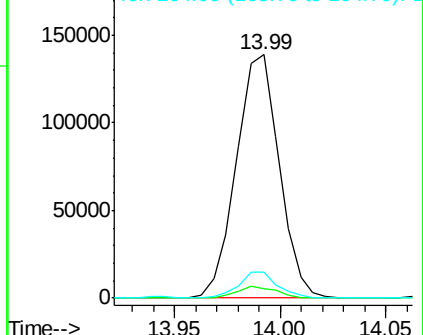
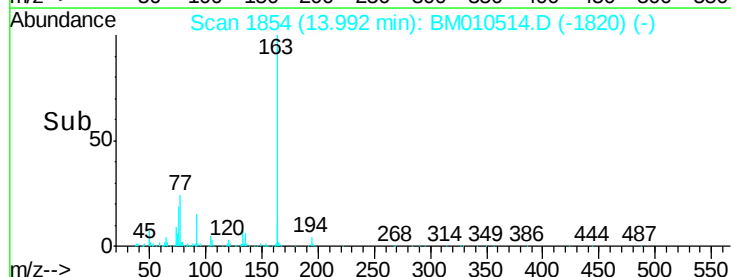
163 100

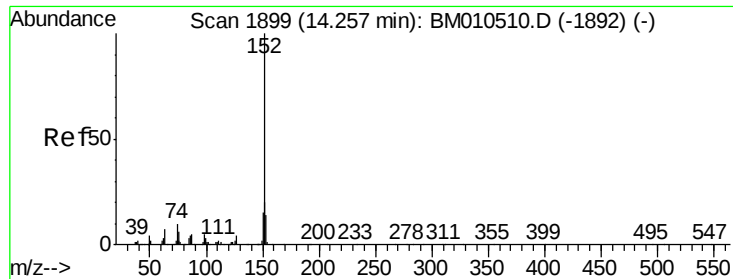
194 4.1 3.5 5.3

164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): BM010514.D (-1820) (-)





#47

Acenaphthylene

Concen: 2.224 ng/ul

RT: 14.26 min Scan# 1899

Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

Instrument :

BNA_M

ClientSampleId :

F5B41

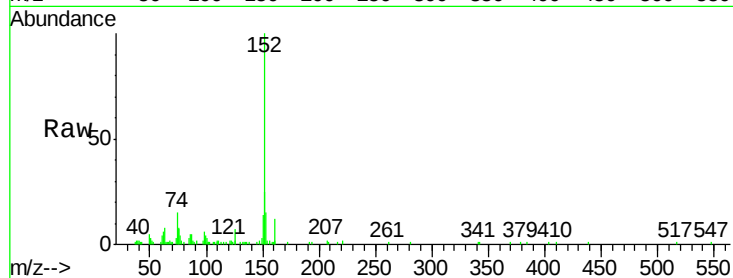
Tgt Ion:152 Resp: 82364

Ion Ratio Lower Upper

152 100

151 24.9 16.3 24.5#

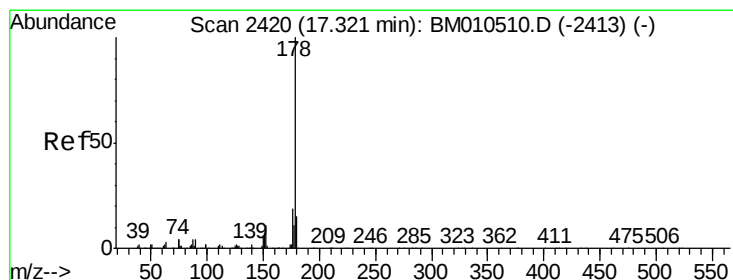
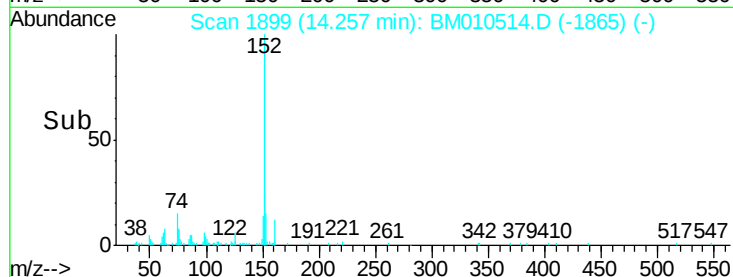
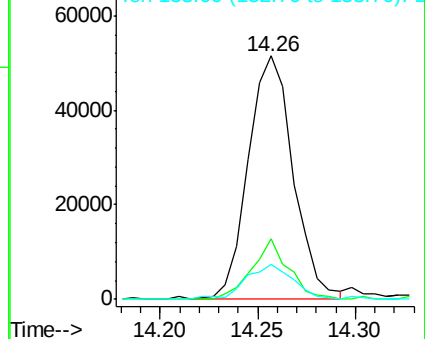
153 14.6 10.2 15.4



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: 3.796 ng/ul

RT: 17.41 min Scan# 2435

Delta R.T. 0.09 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

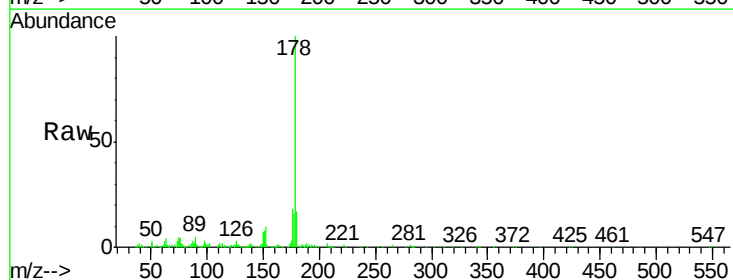
Tgt Ion:178 Resp: 205976

Ion Ratio Lower Upper

178 100

179 17.1 12.6 19.0

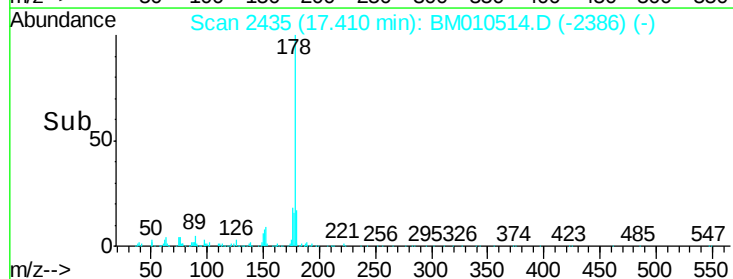
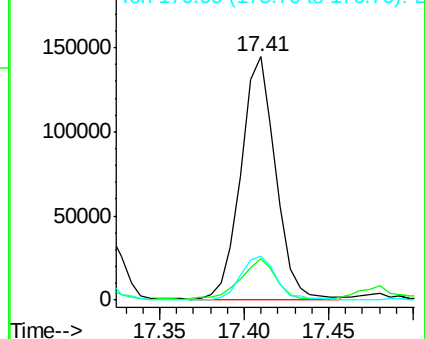
176 17.9 14.9 22.3

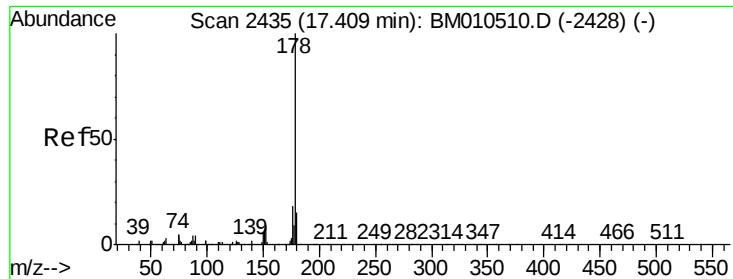


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 3.636 ng/ul

RT: 17.41 min Scan# 2435

Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

Instrument :

BNA_M

ClientSampleId :

F5B41

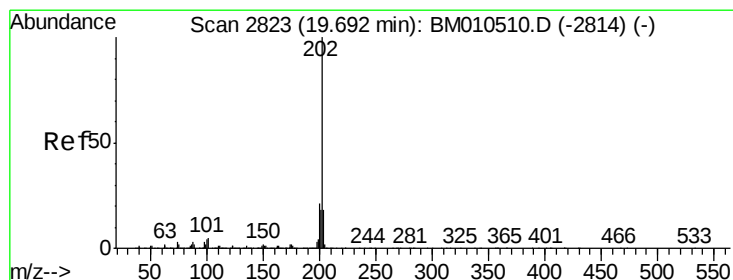
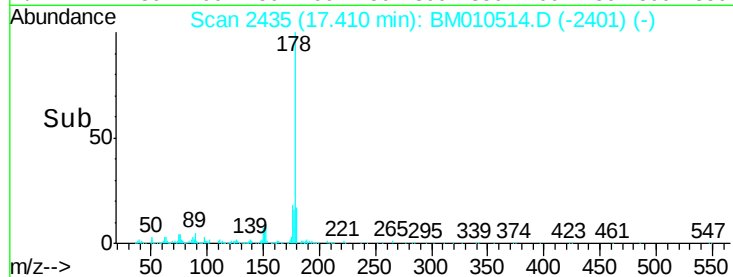
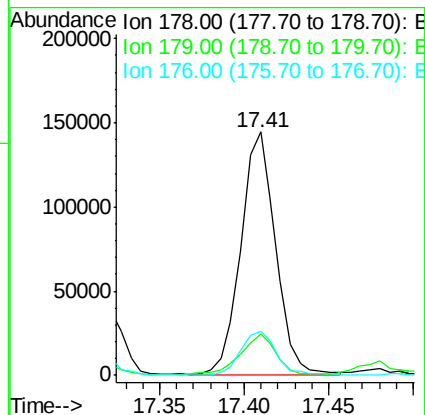
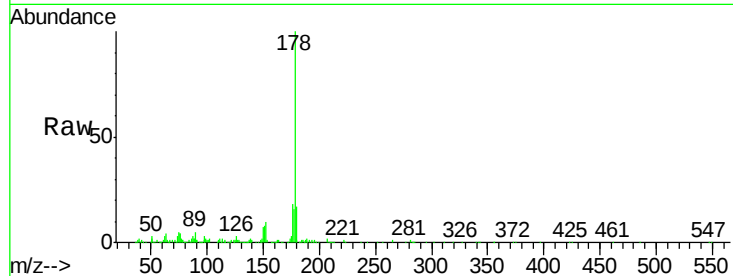
Tgt Ion:178 Resp: 205976

Ion Ratio Lower Upper

178 100

179 17.1 11.7 17.5

176 17.9 14.6 21.8



#77

Pyrene

Concen: 11.412 ng/ul

RT: 19.69 min Scan# 2823

Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

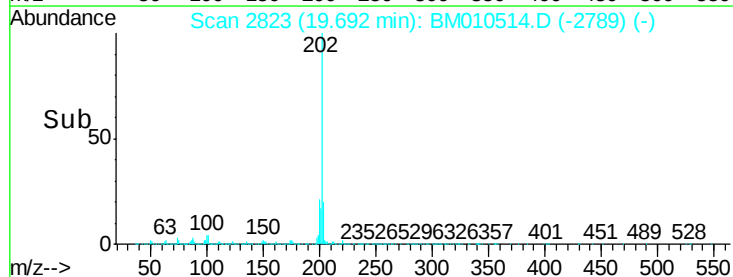
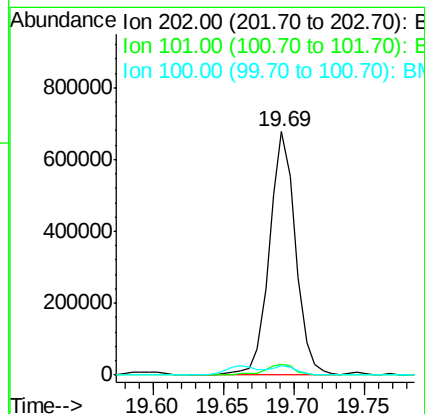
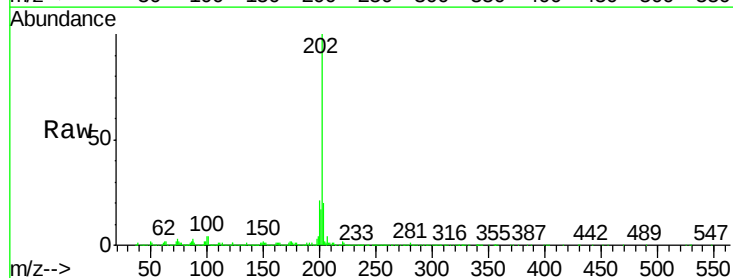
Tgt Ion:202 Resp: 880783

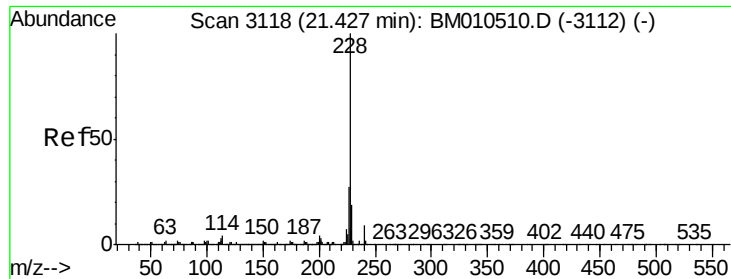
Ion Ratio Lower Upper

202 100

101 4.5 5.1 7.7#

100 3.7 4.9 7.3#





#80

Benzo(a)anthracene

Concen: 11.091 ng/ul

RT: 21.43 min Scan# 3118

Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

Instrument :

BNA_M

ClientSampleId :

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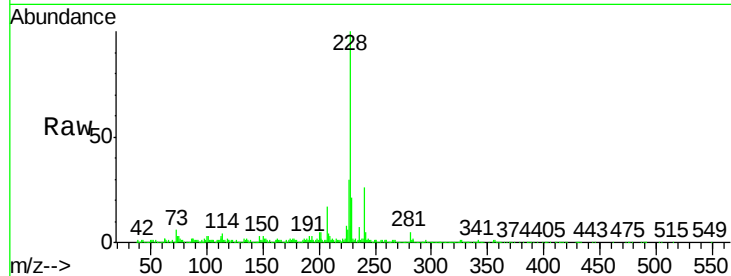
Tgt Ion:228 Resp: 936766

Ion Ratio Lower Upper

228 100

229 20.8 15.4 23.0

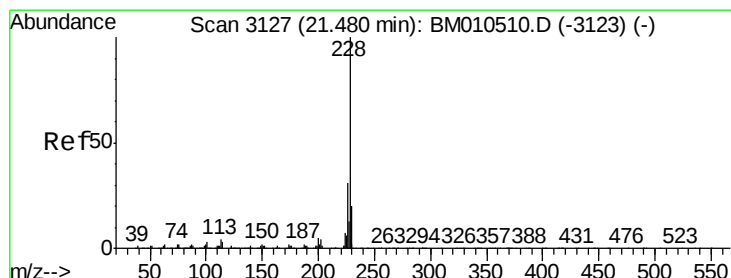
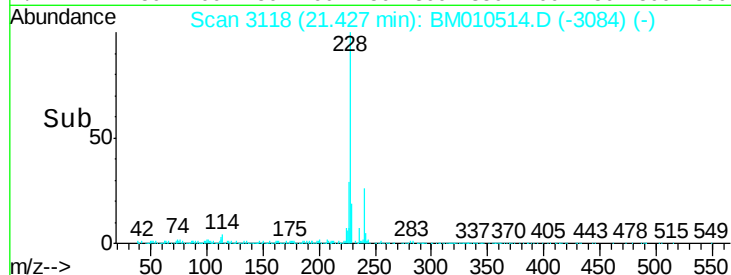
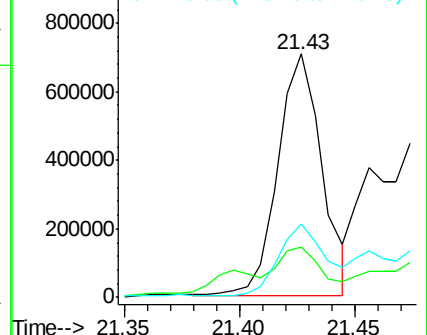
226 30.0 21.4 32.0



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: 7.474 ng/ul

RT: 21.48 min Scan# 3127

Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

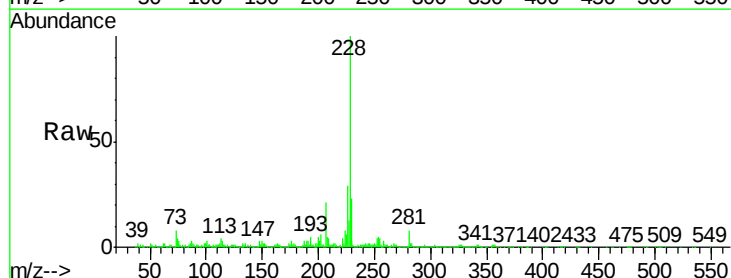
Tgt Ion:228 Resp: 570643

Ion Ratio Lower Upper

228 100

226 29.4 23.4 35.2

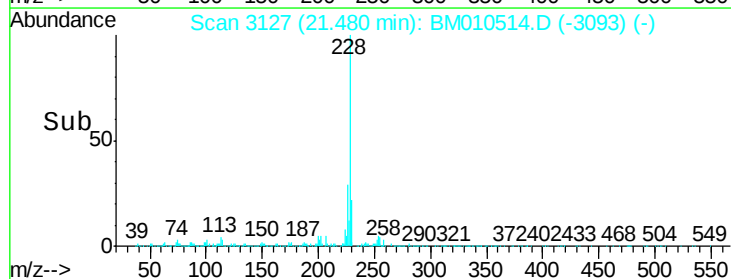
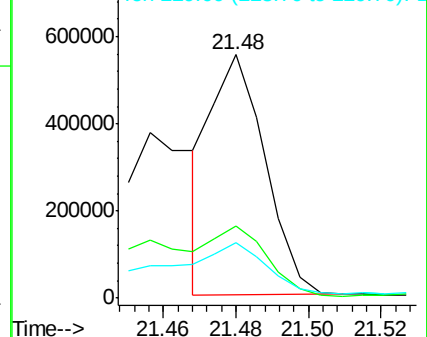
229 22.9 15.5 23.3

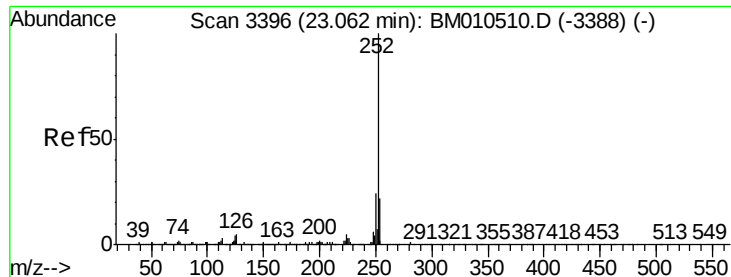


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 37.265 ng/ul

RT: 23.07 min Scan# 3397

Delta R.T. 0.01 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

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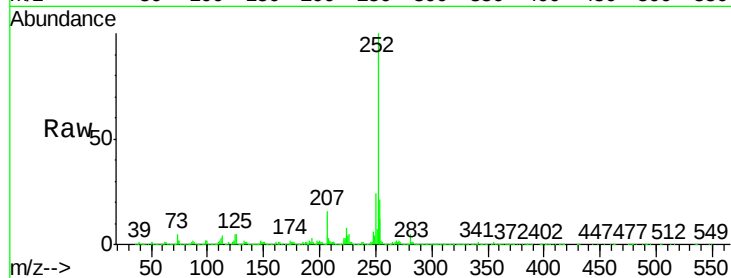
Tgt Ion:252 Resp: 3275282

Ion Ratio Lower Upper

252 100

253 21.2 17.9 26.9

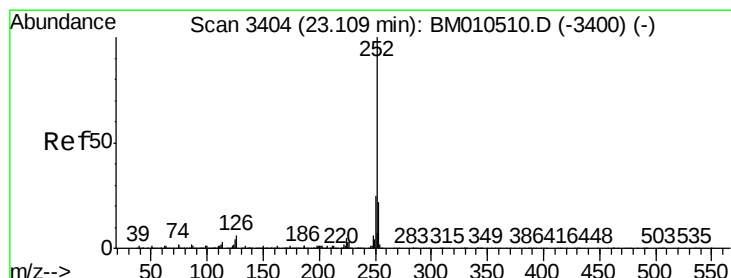
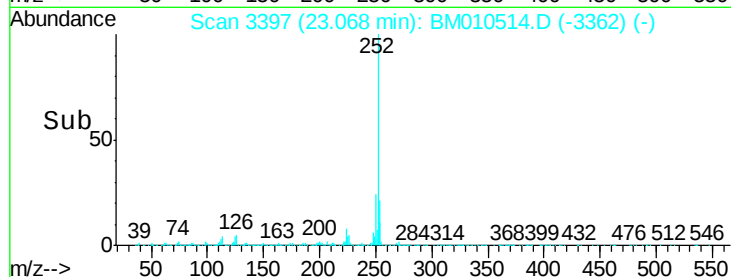
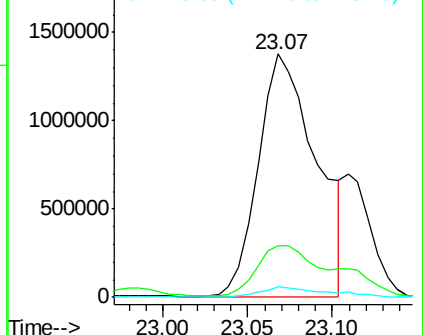
125 4.6 3.6 5.4



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: 39.008 ng/ul

RT: 23.07 min Scan# 3397

Delta R.T. -0.04 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

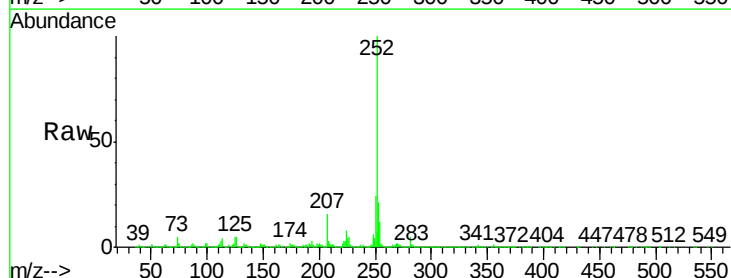
Tgt Ion:252 Resp: 3275282

Ion Ratio Lower Upper

252 100

253 21.2 17.1 25.7

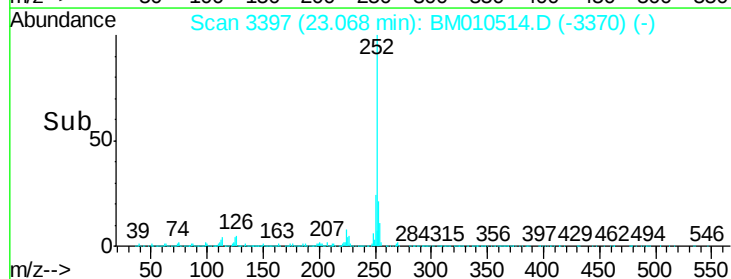
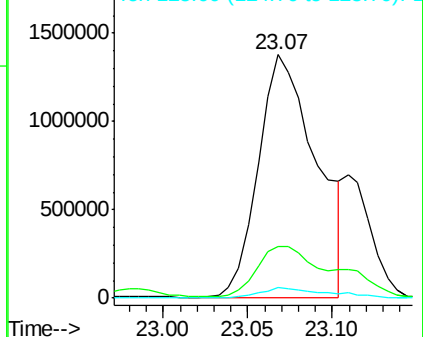
125 4.6 3.4 5.2

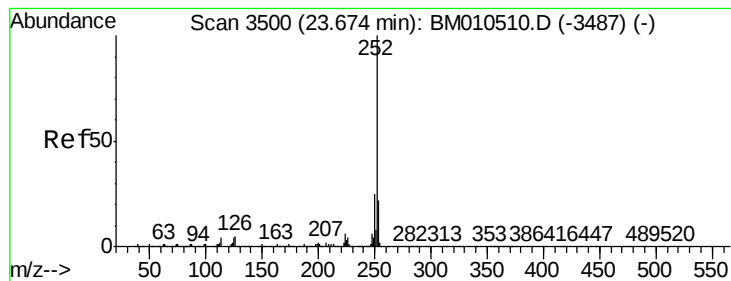


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 15.821 ng/ul

RT: 23.57 min Scan# 3483

Delta R.T. -0.10 min

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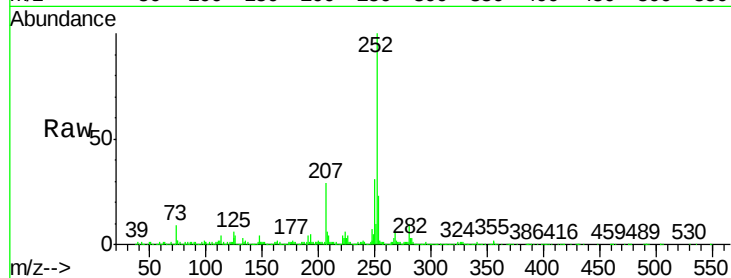
Tgt Ion:252 Resp: 1378338

Ion Ratio Lower Upper

252 100

253 23.1 18.2 27.2

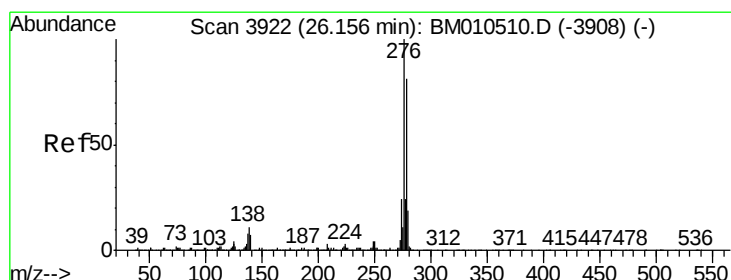
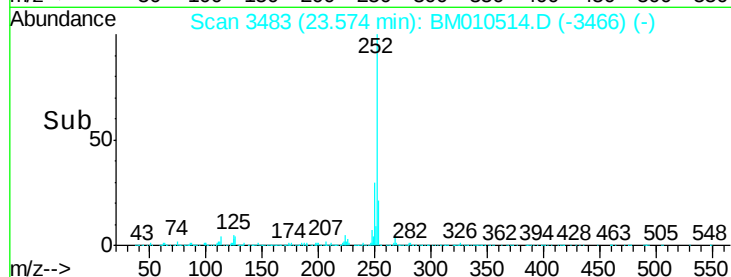
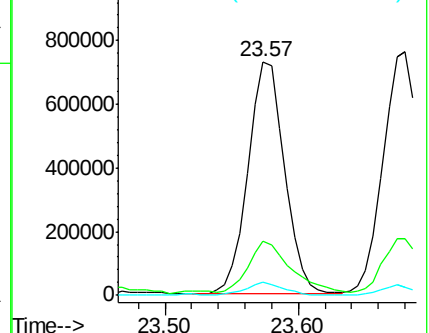
125 5.5 4.0 6.0



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: 8.993 ng/ul

RT: 26.16 min Scan# 3922

Delta R.T. 0.00 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

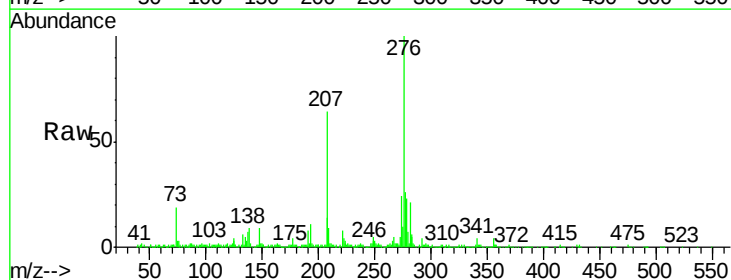
Tgt Ion:276 Resp: 989886

Ion Ratio Lower Upper

276 100

138 8.6 9.3 13.9#

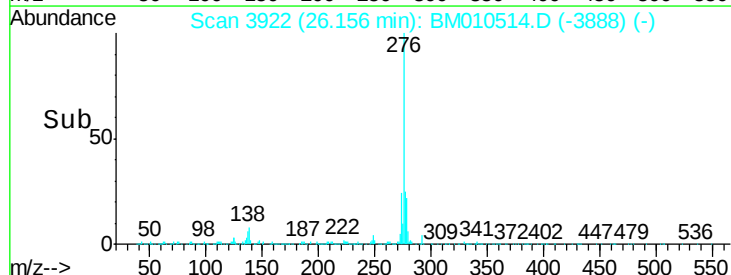
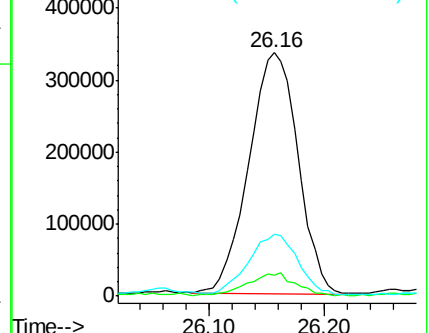
277 25.5 19.9 29.9

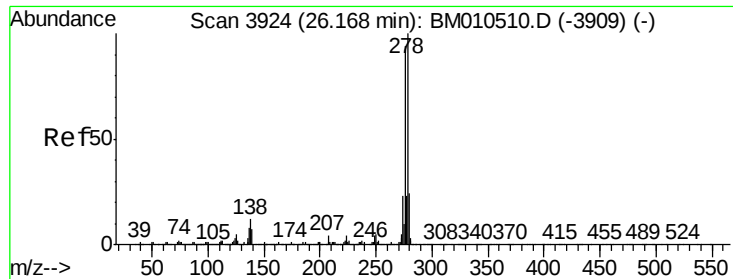


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#90

Dibenzo(a,h)anthracene

Concen: 2.949 ng/ul

RT: 26.15 min Scan# 3921

Delta R.T. -0.02 min

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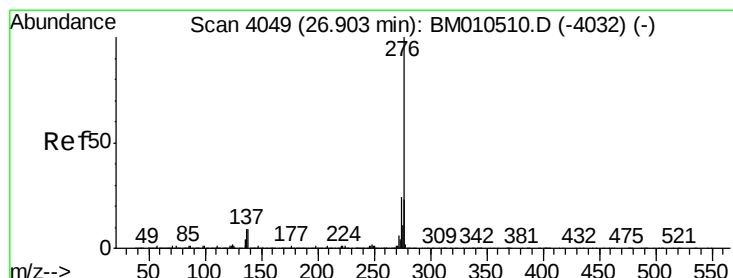
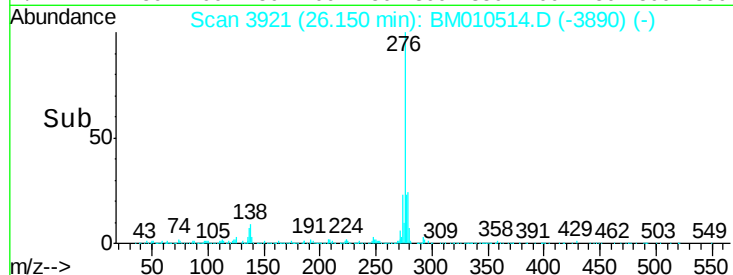
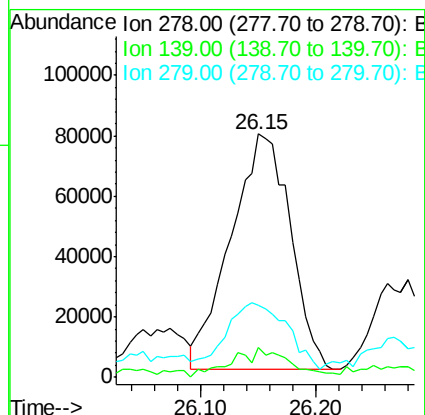
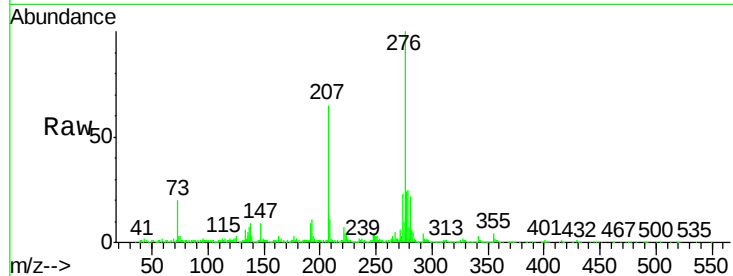
Tgt Ion:278 Resp: 279546

Ion Ratio Lower Upper

278 100

139 12.3 5.8 8.8#

279 29.6 18.6 27.8#



#91

Benzo(g,h,i)perylene

Concen: 7.757 ng/ul

RT: 26.90 min Scan# 4048

Delta R.T. -0.01 min

Lab File: BM010514.D

Acq: 11 Jun 2017 08:22

Tgt Ion:276 Resp: 703403

Ion Ratio Lower Upper

276 100

138 9.6 8.5 12.7

277 23.7 18.6 28.0

