

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022618\
 Data File : BM014356.D
 Acq On : 26 Feb 2018 14:59
 Operator : SJ/JU
 Sample : J1646-18
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 27 01:36:58 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 01:33:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	122211	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	556535	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	335301	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	726133	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	600006	20.00	ng/ul	0.00
83) Perylene-d12	23.31	264	490802	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	11507	4.03	ng/uL	0.00
5) Phenol-d5	6.72	99	288707	27.95	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	177697	28.42	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	233998	29.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	213975	23.68	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	119523	29.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	131257	30.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	231536	26.26	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	133517	15.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	820671	29.64	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1029031	30.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	57962	15.16	ng/ul	0.01
57) Fluorene-d10	15.18	176	696090	28.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	97882	22.47	ng/ul	0.00
70) Anthracene-d10	17.04	188	1014979	28.97	ng/ul	0.00
76) Pyrene-d10	19.34	212	1052536	34.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.18	264	692685	29.00	ng/ul	0.00

Target Compounds

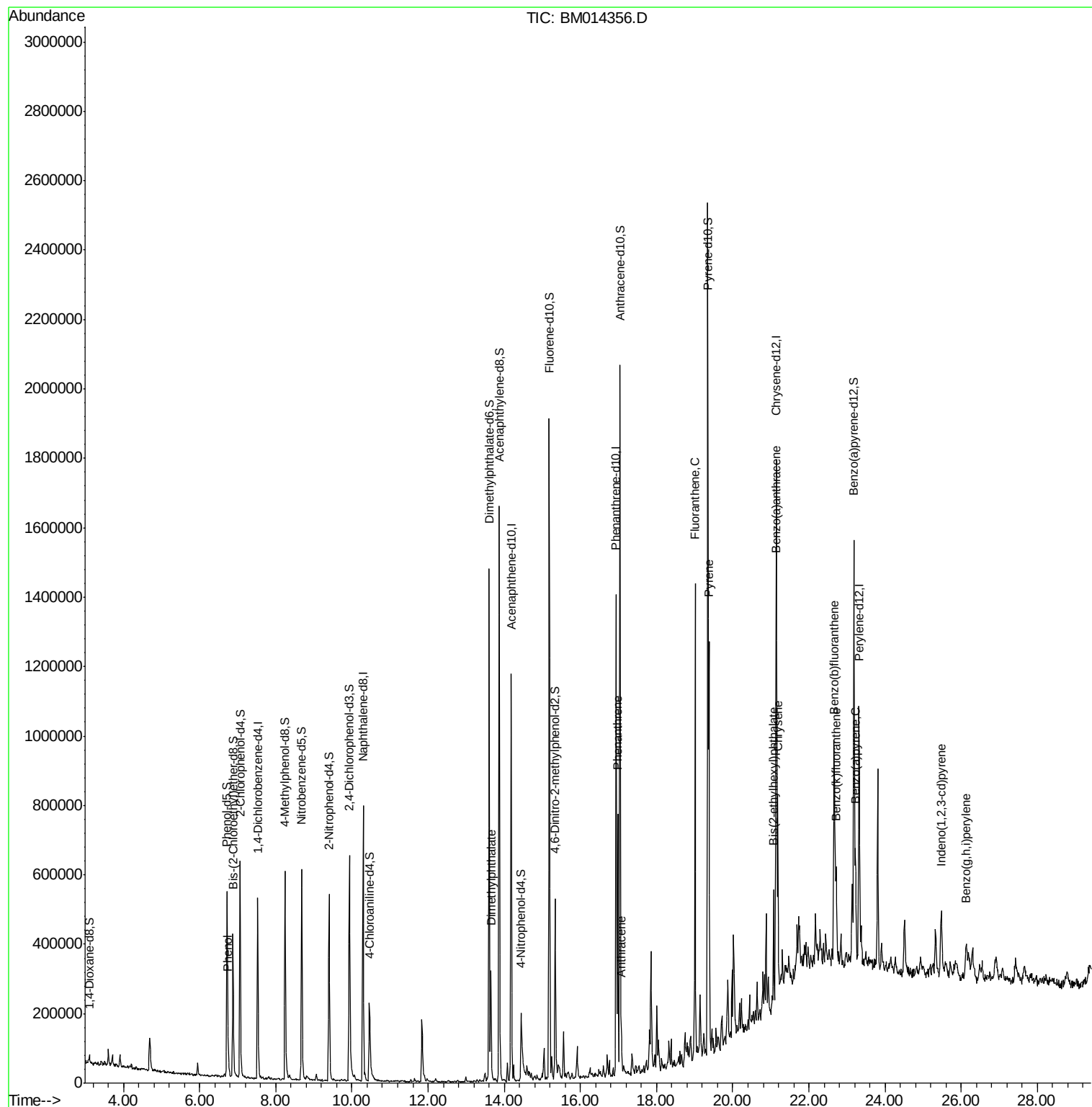
					Ovalue	
6) Phenol	6.75	94	33336	3.076	ng/ul#	92
44) Dimethylphthalate	13.65	163	177586	6.504	ng/ul	99
69) Phenanthrene	16.98	178	387313	9.258	ng/ul	98
71) Anthracene	17.07	178	67870	1.613	ng/ul	95
74) Fluoranthene	19.01	202	728551	14.576	ng/ul#	94
77) Pyrene	19.37	202	666249	16.709	ng/ul#	93
80) Benzo(a)anthracene	21.13	228	299256	7.992	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.07	149	90805	3.846	ng/ul#	94
82) Chrysene	21.19	228	278691	7.978	ng/ul	97
85) Benzo(b)fluoranthene	22.67	252	323906	9.856	ng/ul#	95
86) Benzo(k)fluoranthene	22.71	252	105471	3.376	ng/ul#	94
88) Benzo(a)pyrene	23.23	252	227674	7.753	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.47	276	138518	4.861	ng/ul	94
91) Benzo(g,h,i)perylene	26.12	276	45759	1.982	ng/ul#	88

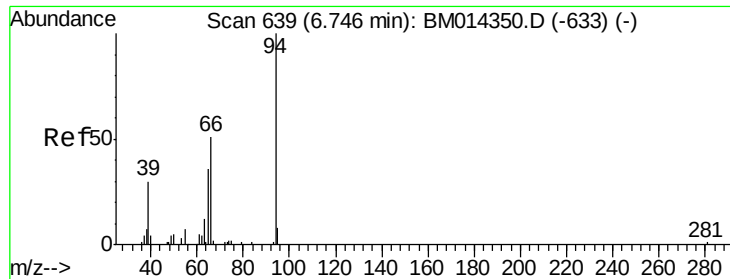
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Feb 27 01:33:52 2018
Response via : Initial Calibration





#6

Phenol

Concen: 3.076 ng/ul

RT: 6.75 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM014356.D

Acq: 26 Feb 2018 14:59

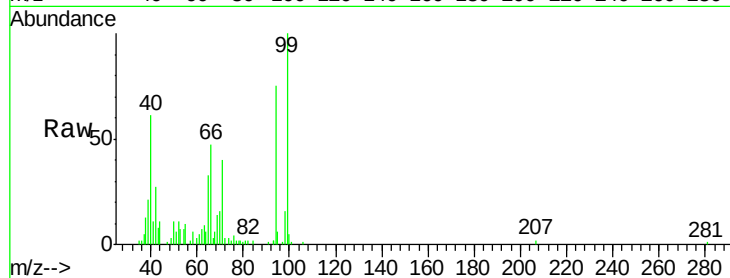
Instrument :

BNA_M

ClientSampleId :

Tot Ion: 94 Resp: 33336

Ion	Ratio	Lower	Upper
94	100		
65	43.8	28.2	42.4#
66	62.3	47.2	70.8

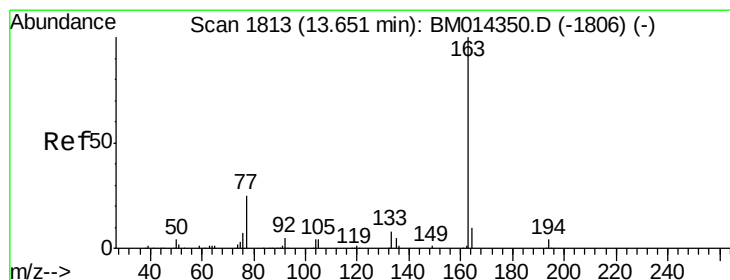
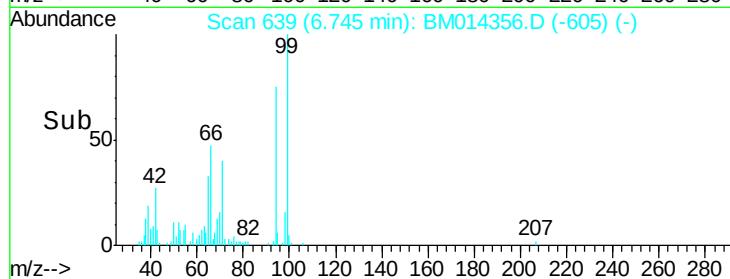
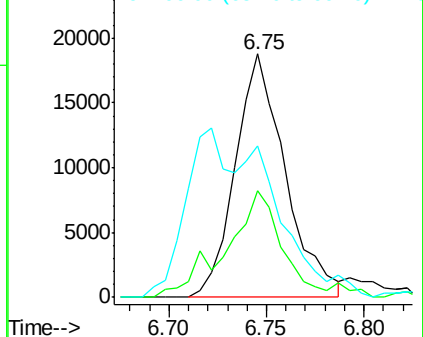


Abundance

Ion 94.00 (93.70 to 94.70): BM014350.D (-633) (-)

Ion 65.00 (64.70 to 65.70): BM014350.D (-633) (-)

Ion 66.00 (65.70 to 66.70): BM014350.D (-633) (-)



#44

Dimethylphthalate

Concen: 6.504 ng/ul

RT: 13.65 min Scan# 1813

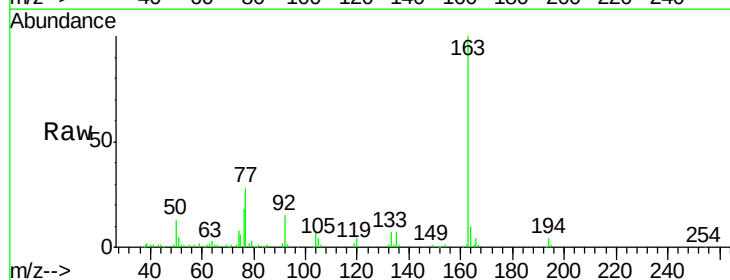
Delta R.T. -0.00 min

Lab File: BM014356.D

Acq: 26 Feb 2018 14:59

Tgt Ion: 163 Resp: 177586

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.5	5.3
164	10.1	8.2	12.4

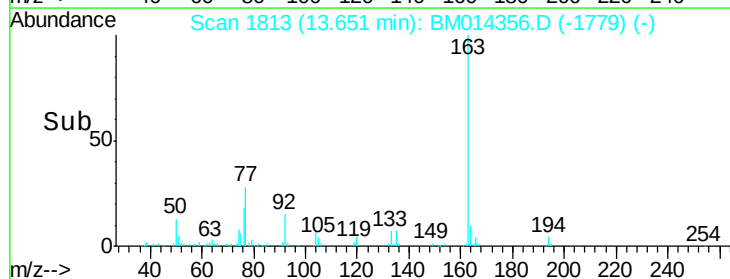
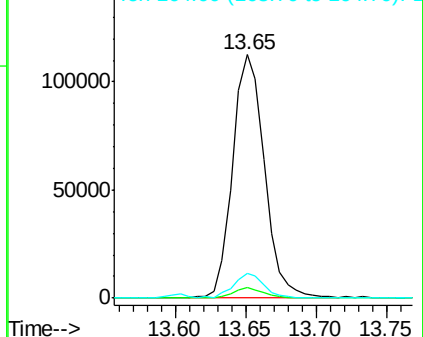


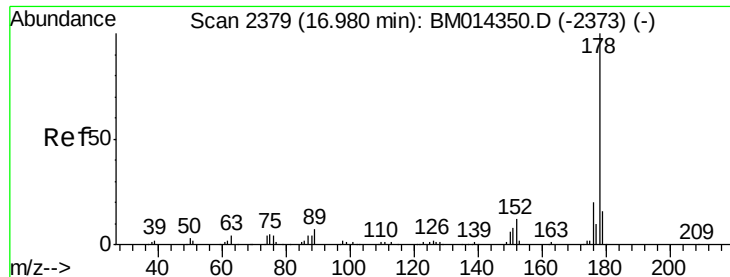
Abundance

Ion 163.00 (162.70 to 163.70): BM014350.D (-1806) (-)

Ion 194.00 (193.70 to 194.70): BM014350.D (-1806) (-)

Ion 164.00 (163.70 to 164.70): BM014350.D (-1806) (-)





#69

Phenanthrene

Concen: 9.258 ng/ul

RT: 16.98 min Scan# 2379

Delta R.T. -0.00 min

Lab File: BM014356.D

Acq: 26 Feb 2018 14:59

Instrument :

BNA_M

ClientSampleId :

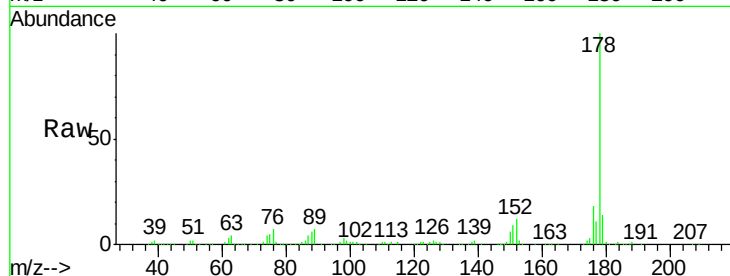
Tot Ion:178 Resp: 387313

Ion Ratio Lower Upper

178 100

179 14.1 12.6 19.0

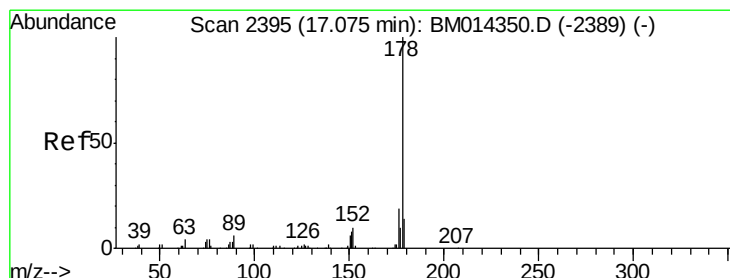
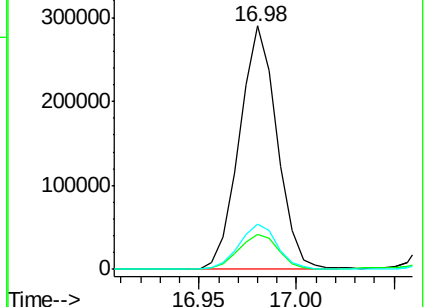
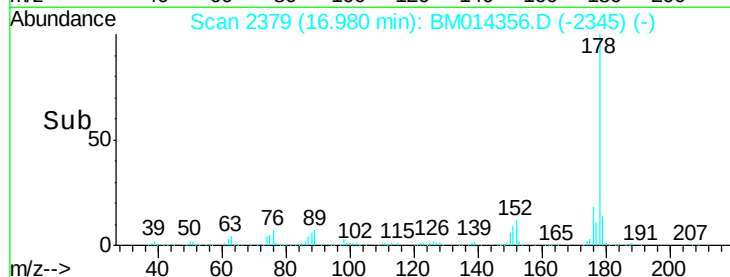
176 18.4 14.9 22.3



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: 1.613 ng/ul

RT: 17.07 min Scan# 2395

Delta R.T. -0.00 min

Lab File: BM014356.D

Acq: 26 Feb 2018 14:59

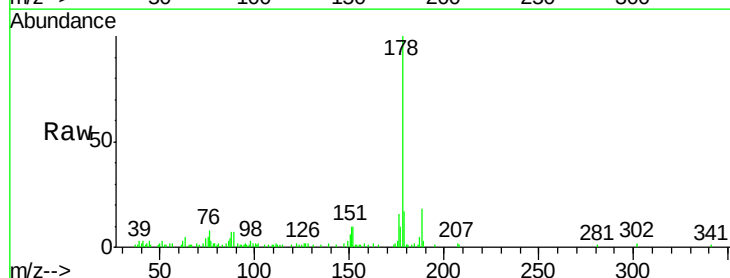
Tgt Ion:178 Resp: 67870

Ion Ratio Lower Upper

178 100

179 16.9 11.7 17.5

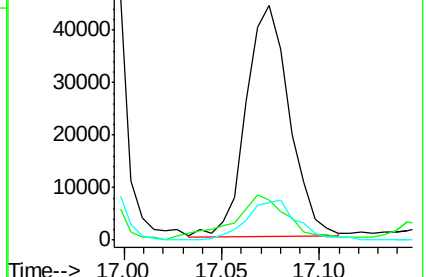
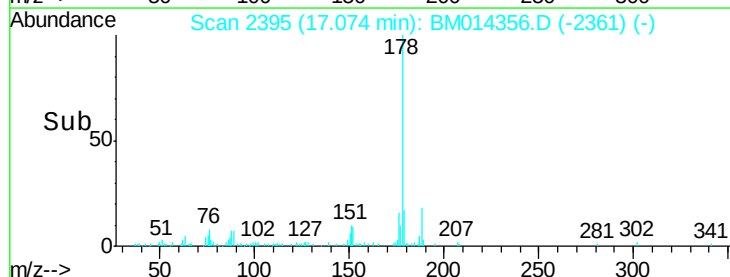
176 16.0 14.6 21.8

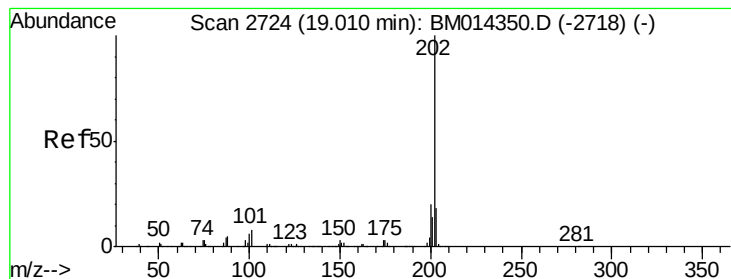


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 14.576 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. -0.00 min

Lab File: BM014356.D

Acq: 26 Feb 2018 14:59

Instrument :

BNA_M

ClientSampleId :

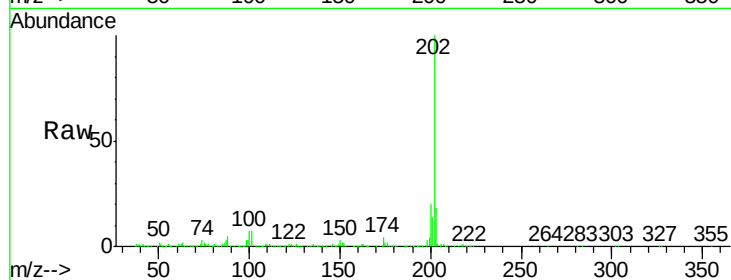
Tot Ion:202 Resp: 728551

Ion Ratio Lower Upper

202 100

101 7.3 4.6 7.0#

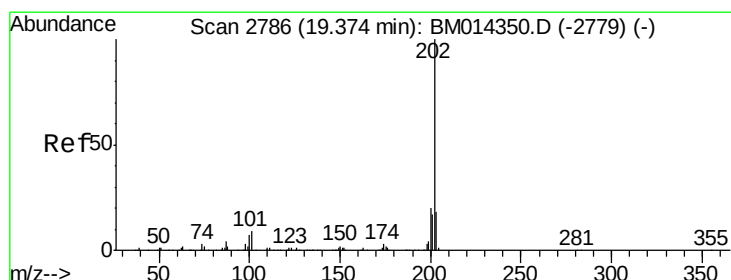
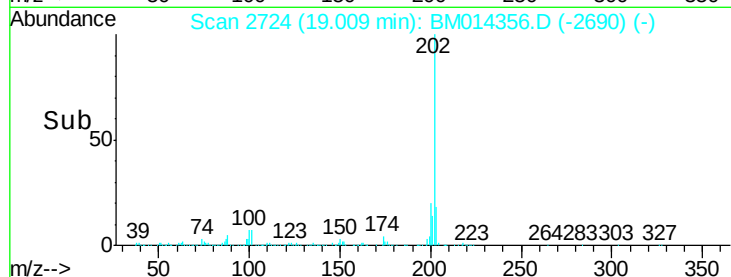
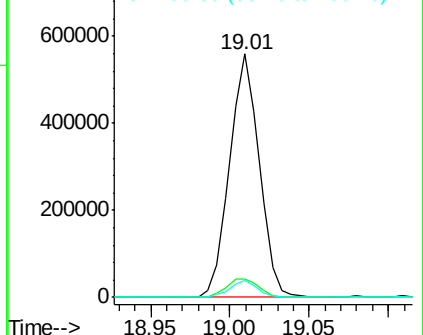
100 6.9 3.4 5.2#



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: 16.709 ng/ul

RT: 19.37 min Scan# 2786

Delta R.T. -0.00 min

Lab File: BM014356.D

Acq: 26 Feb 2018 14:59

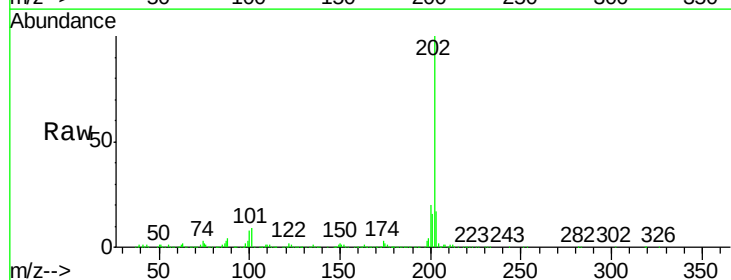
Tgt Ion:202 Resp: 666249

Ion Ratio Lower Upper

202 100

101 8.6 5.1 7.7#

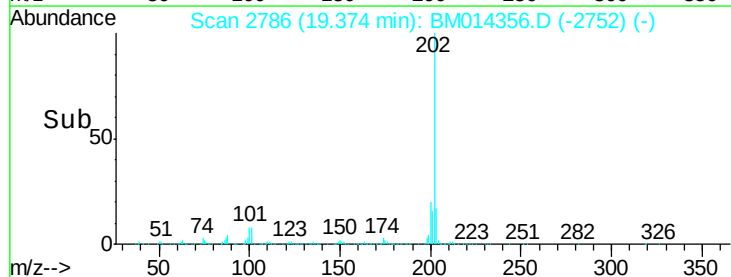
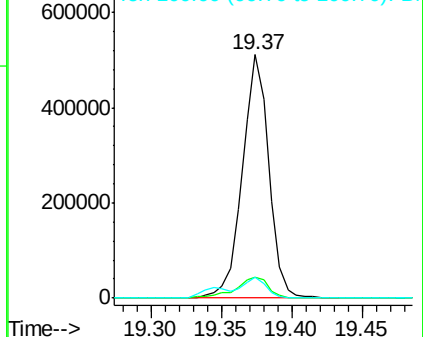
100 8.4 4.9 7.3#

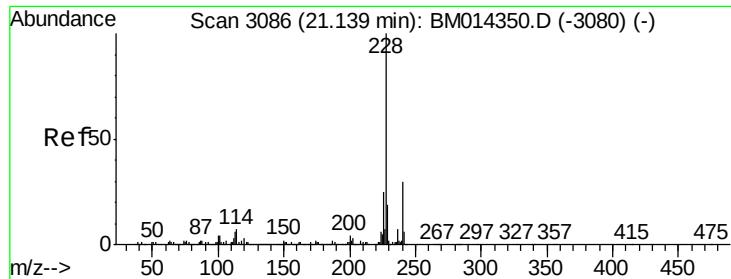


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 7.992 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM014356.D

Acq: 26 Feb 2018 14:59

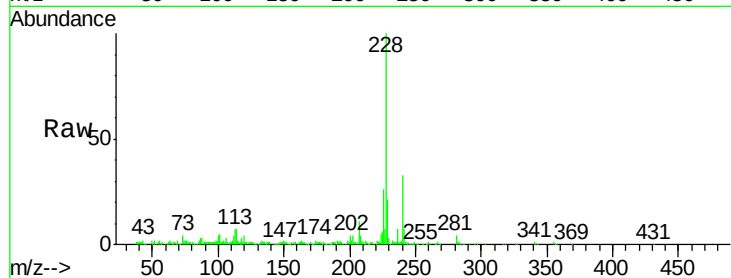
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 299256

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.4	23.0
226	25.8	21.4	32.0

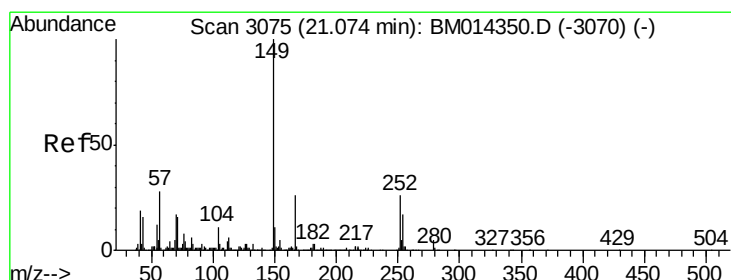
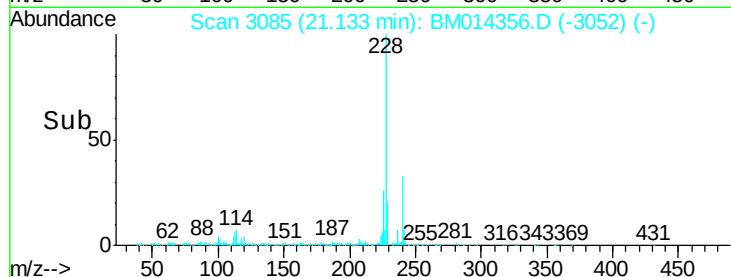
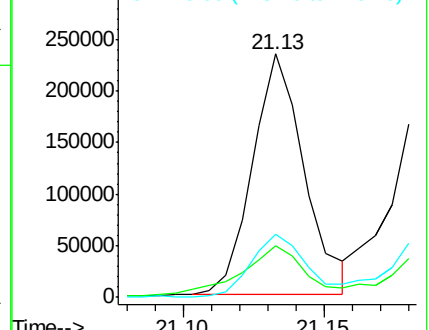


Abundance

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



#81

Bis(2-ethylhexyl)phthalate

Concen: 3.846 ng/ul

RT: 21.07 min Scan# 3074

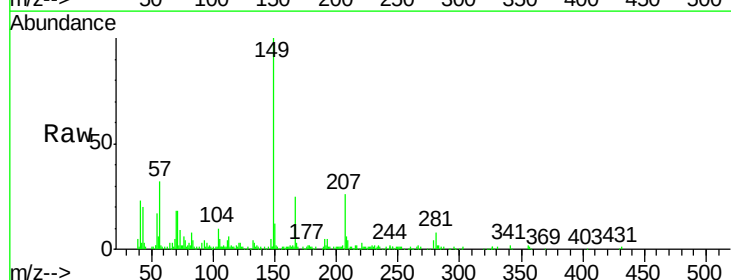
Delta R.T. -0.01 min

Lab File: BM014356.D

Acq: 26 Feb 2018 14:59

Tgt Ion:149 Resp: 90805

Ion	Ratio	Lower	Upper
149	100		
167	25.3	22.8	34.2
279	3.8	4.9	7.3#

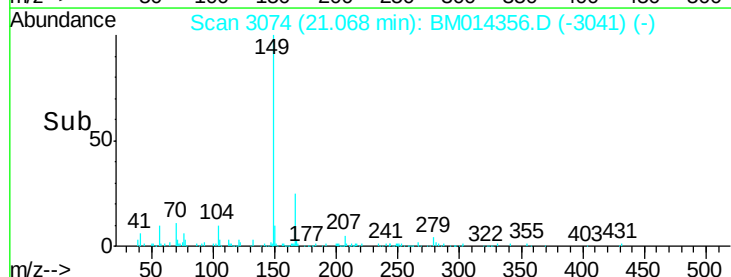
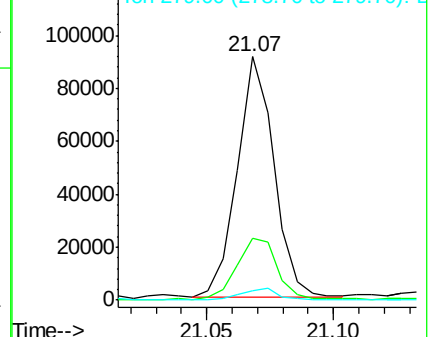


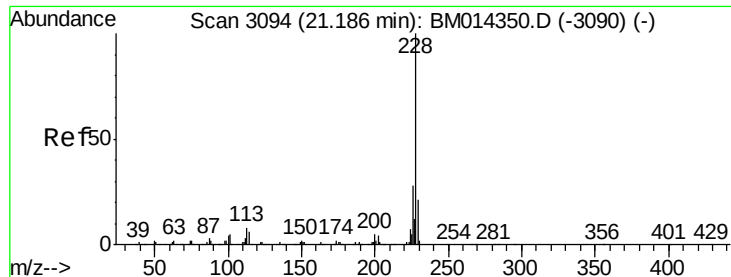
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

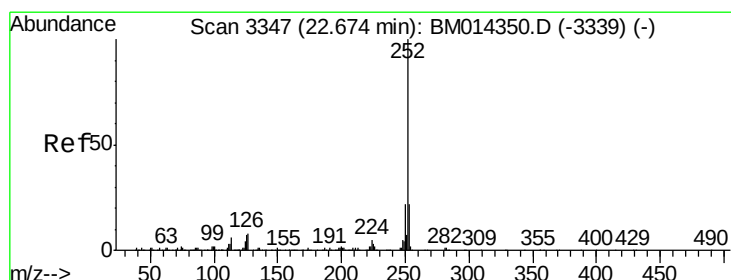
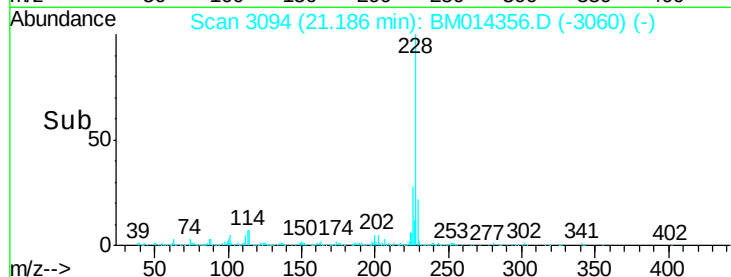
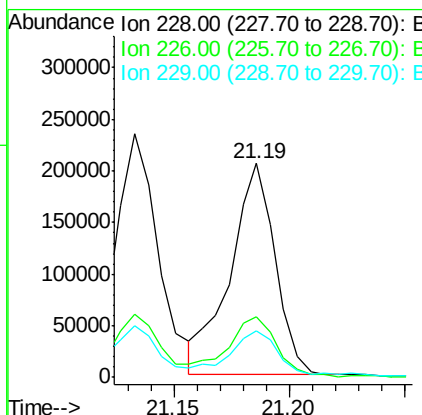
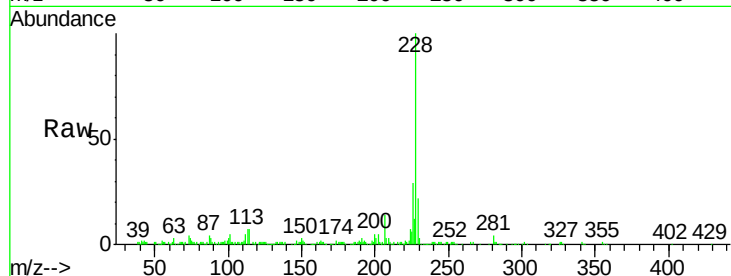




#82
Chrysene
Concen: 7.978 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM014356.D
Acq: 26 Feb 2018 14:59

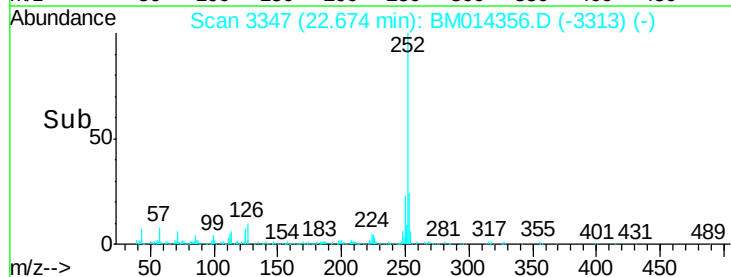
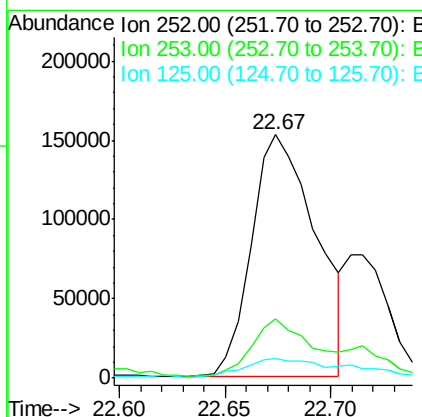
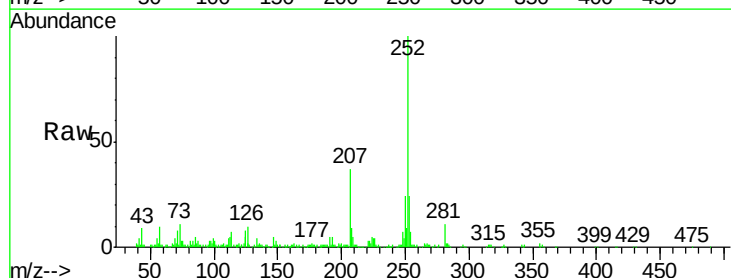
Instrument :
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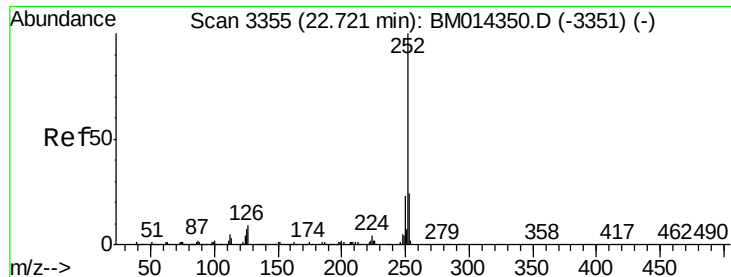
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.4	35.2
229	21.9	15.5	23.3



#85
Benzo(b)fluoranthene
Concen: 9.856 ng/ul
RT: 22.67 min Scan# 3347
Delta R.T. -0.00 min
Lab File: BM014356.D
Acq: 26 Feb 2018 14:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.9	26.9
125	8.0	3.6	5.4





#86

Benzo(k)fluoranthene

Concen: 3.376 ng/ul

RT: 22.71 min Scan# 3353

Delta R.T. -0.01 min

Lab File: BM014356.D

Acq: 26 Feb 2018 14:59

Instrument :

BNA_M

ClientSampleId :

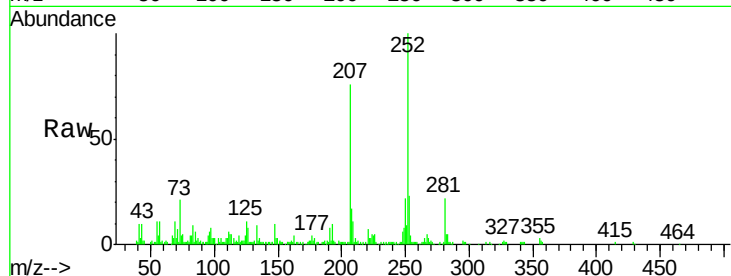
Tot Ion:252 Resp: 105471

Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

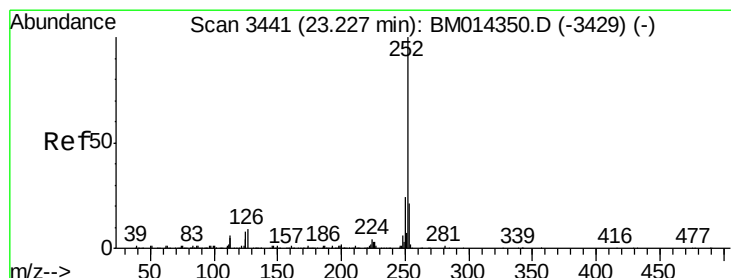
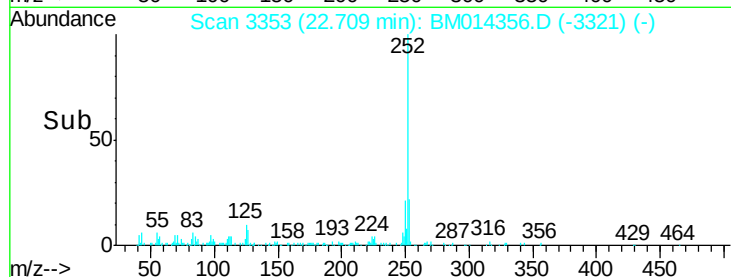
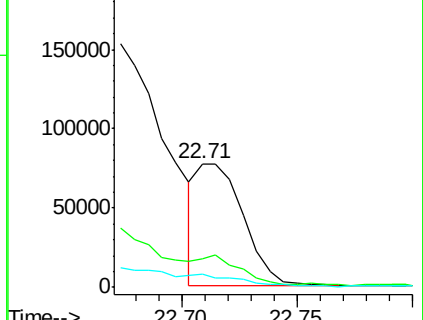
125 11.1 3.4 5.2#



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: 7.753 ng/ul

RT: 23.23 min Scan# 3441

Delta R.T. -0.00 min

Lab File: BM014356.D

Acq: 26 Feb 2018 14:59

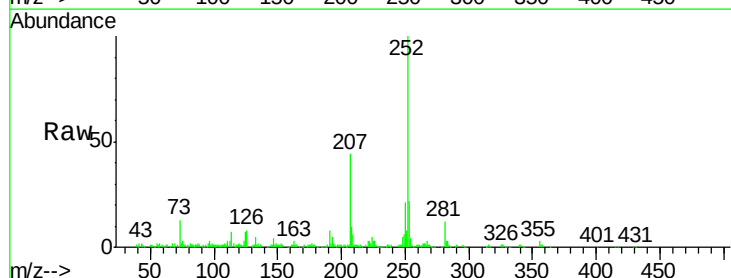
Tgt Ion:252 Resp: 227674

Ion Ratio Lower Upper

252 100

253 22.5 18.2 27.2

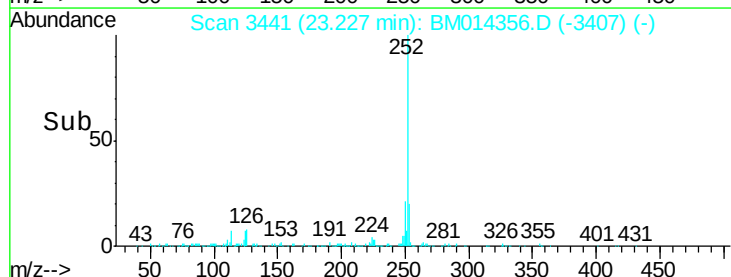
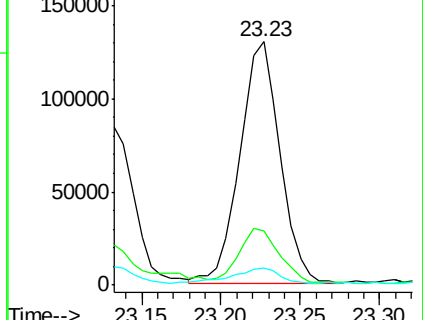
125 7.3 4.0 6.0#

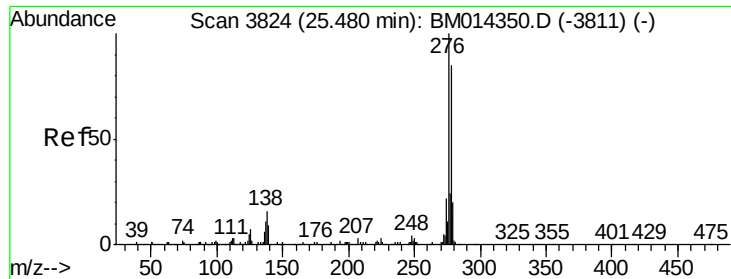


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

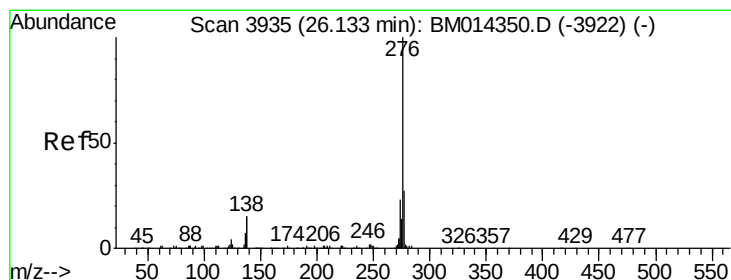
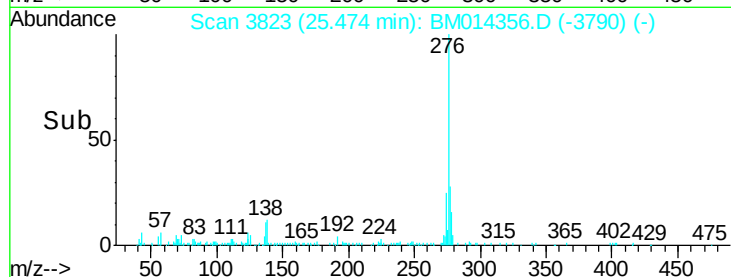
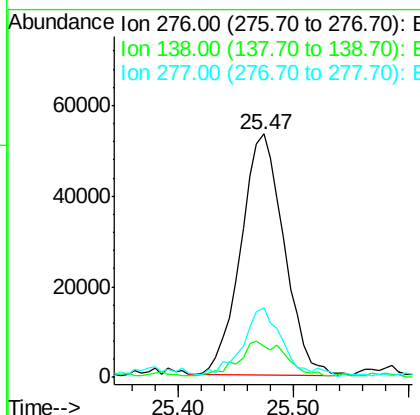
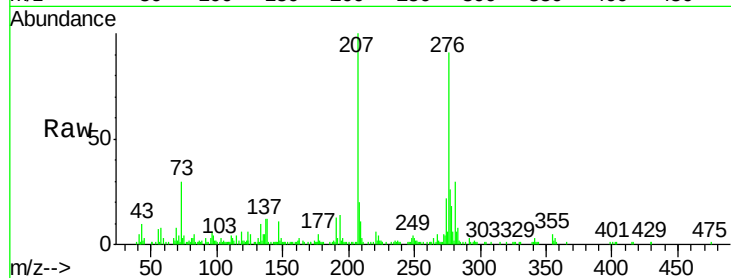




#89
 Indeno(1,2,3-cd)pyrene
 Concen: 4.861 ng/ul
 RT: 25.47 min Scan# 3823
 Delta R.T. -0.01 min
 Lab File: BM014356.D
 Acq: 26 Feb 2018 14:59

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.8	9.3	13.9
277	28.5	19.9	29.9



#91
 Benzo(g,h,i)perylene
 Concen: 1.982 ng/ul
 RT: 26.12 min Scan# 3933
 Delta R.T. -0.01 min
 Lab File: BM014356.D
 Acq: 26 Feb 2018 14:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.5	8.5	12.7#
277	23.2	18.6	28.0

