

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030218\
 Data File : BM014464.D
 Acq On : 02 Mar 2018 16:31
 Operator : SJ/JU
 Sample : J1678-18RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5W6RE

Quant Time: Mar 02 23:58:51 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 02 22:33:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	108260	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	452553	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.18	164	249638	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	532432	20.00	ng/ul	0.01
75) Chrysene-d12	21.17	240	411591	20.00	ng/ul	0.01
83) Perylene-d12	23.36	264	353956	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	10599	4.19	ng/uL	0.00
5) Phenol-d5	6.73	99	260826	28.51	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	151759	27.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	213379	30.41	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	209766	26.20	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	110705	33.10	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	113443	32.77	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.95	165	211905	29.56	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	256448	36.31	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	702203	34.06	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	854238	33.60	ng/ul	0.01
51) 4-Nitrophenol-d4	14.49	143	62738	22.04	ng/ul	0.04
57) Fluorene-d10	15.19	176	563190	30.49	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	7185	2.25	ng/ul	0.02
70) Anthracene-d10	17.05	188	812609	31.63	ng/ul	0.01
76) Pyrene-d10	19.36	212	802376	37.80	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.22	264	550930	31.98	ng/ul	0.02

Target Compounds

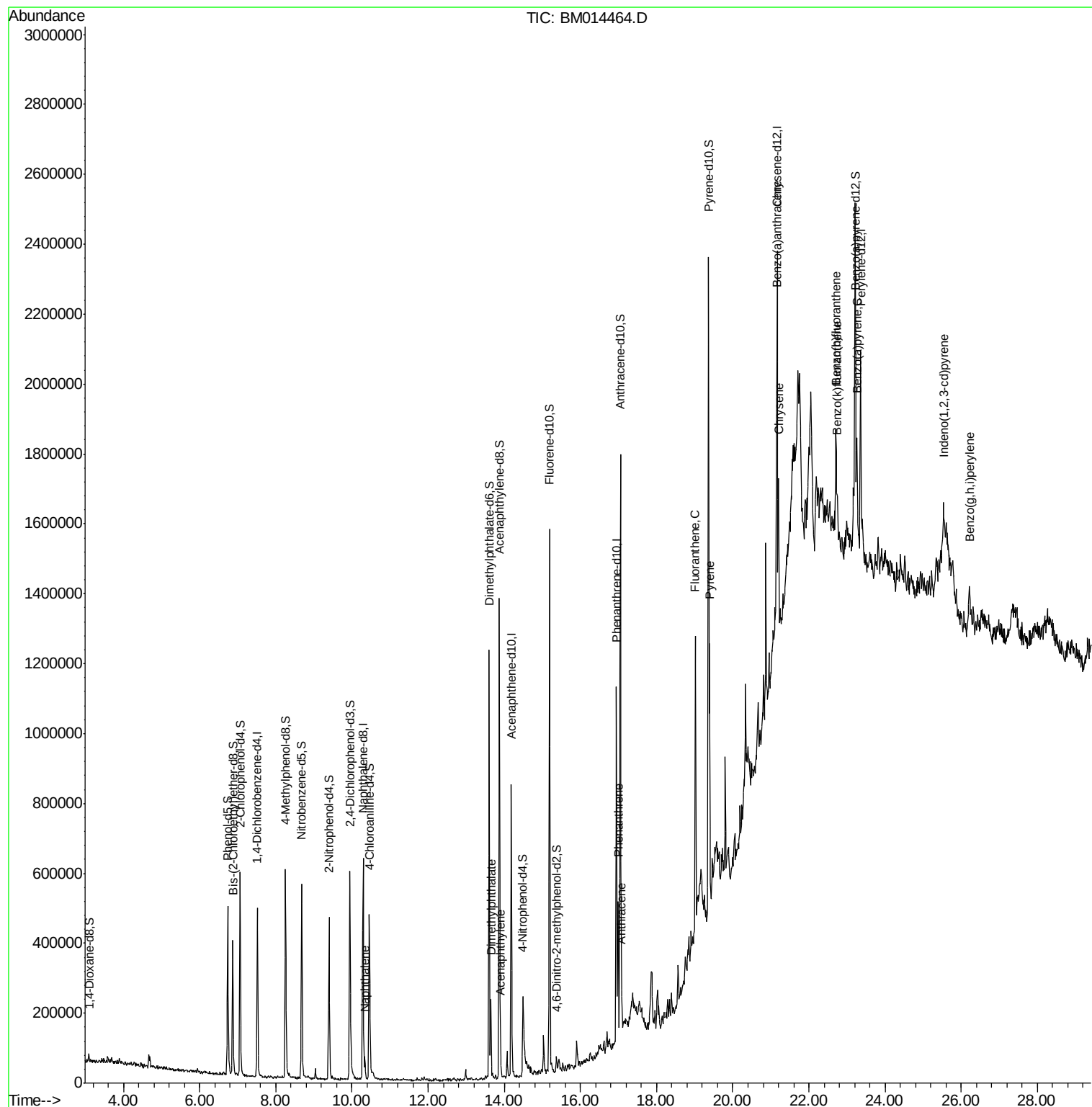
					Ovalue	
28) Naphthalene	10.35	128	44011	1.893	ng/ul#	93
44) Dimethylphthalate	13.65	163	108025	5.314	ng/ul	100
47) Acenaphthylene	13.90	152	35964	1.497	ng/ul#	94
69) Phenanthrene	16.99	178	208000	6.780	ng/ul	98
71) Anthracene	17.08	178	52219	1.693	ng/ul	97
74) Fluoranthene	19.02	202	435264	11.876	ng/ul#	94
77) Pyrene	19.39	202	420536	15.374	ng/ul	99
80) Benzo(a)anthracene	21.15	228	209319	8.149	ng/ul#	96
82) Chrysene	21.20	228	192826	8.047	ng/ul	94
85) Benzo(b)fluoranthene	22.70	252	226155	9.542	ng/ul#	94
86) Benzo(k)fluoranthene	22.74	252	72883	3.234	ng/ul#	83
88) Benzo(a)pyrene	23.26	252	159853	7.548	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.54	276	102459	4.986	ng/ul#	96
91) Benzo(g,h,i)perylene	26.21	276	87039	5.228	ng/ul#	86

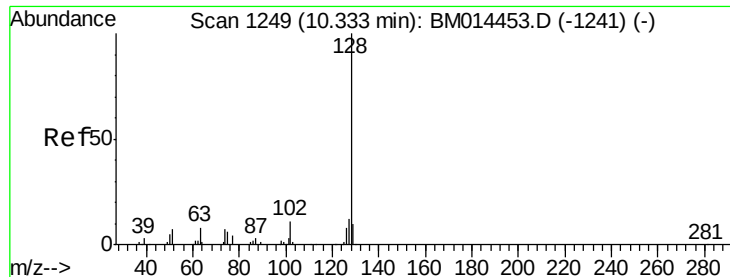
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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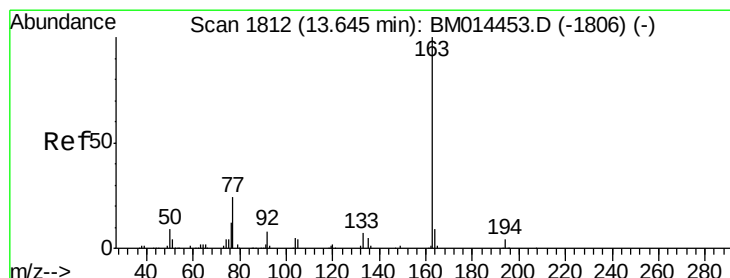
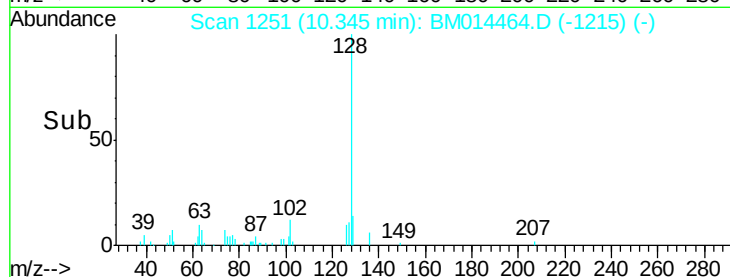
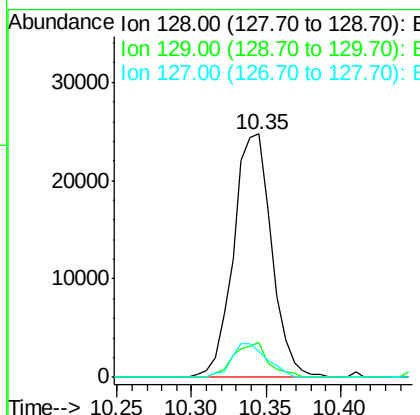
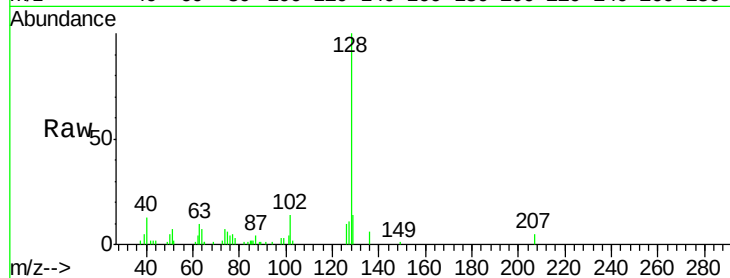




#28
Naphthalene
Concen: 1.893 ng/ul
RT: 10.35 min Scan# 1251
Delta R.T. 0.01 min
Lab File: BM014464.D
Acq: 02 Mar 2018 16:31

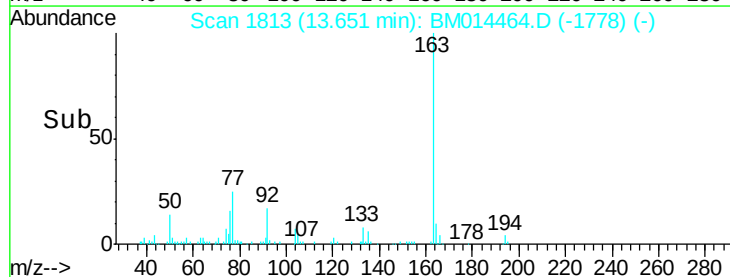
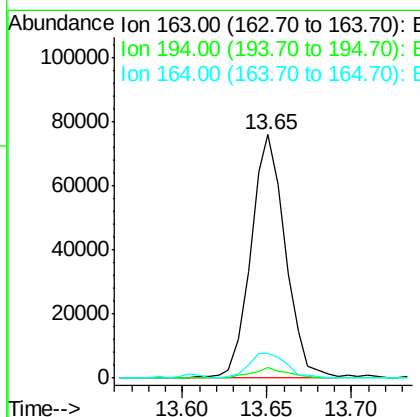
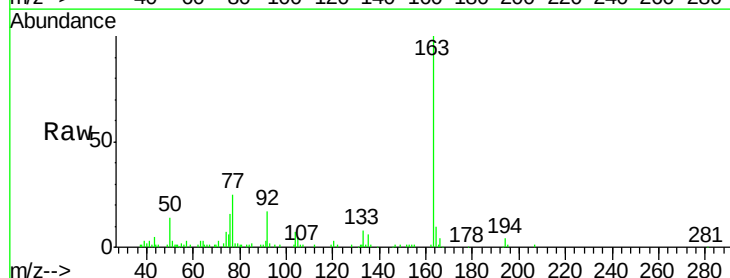
Instrument :
BNA_M
ClientSampleId :
BE5W6RE

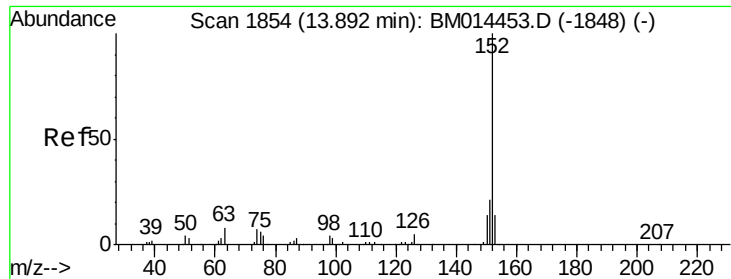
Tot Ion:128 Resp: 44011
Ion Ratio Lower Upper
128 100
129 14.2 8.8 13.2#
127 10.8 10.6 16.0



#44
Dimethylphthalate
Concen: 5.314 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM014464.D
Acq: 02 Mar 2018 16:31

Tgt Ion:163 Resp: 108025
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.1 8.2 12.4





#47

Acenaphthylene

Concen: 1.497 ng/ul

RT: 13.90 min Scan# 1856

Delta R.T. 0.01 min

Lab File: BM014464.D

Acq: 02 Mar 2018 16:31

Instrument :

BNA_M

ClientSampleId :

BE5W6RE

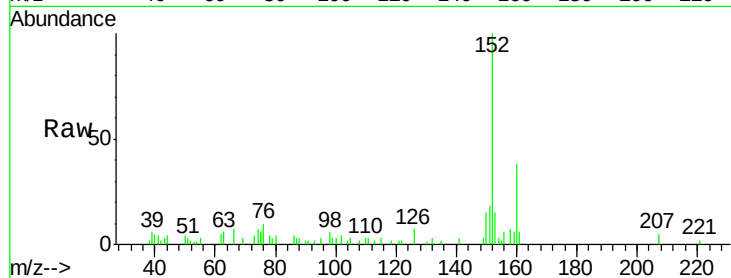
Tot Ion:152 Resp: 35964

Ion Ratio Lower Upper

152 100

151 17.9 16.3 24.5

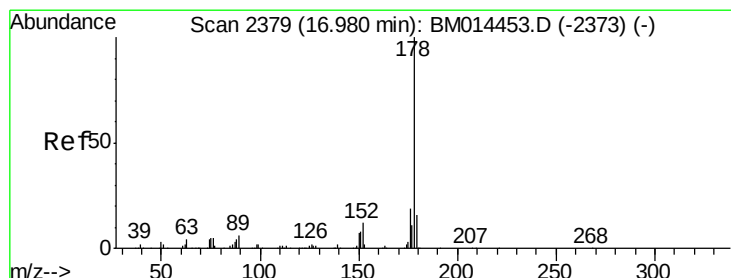
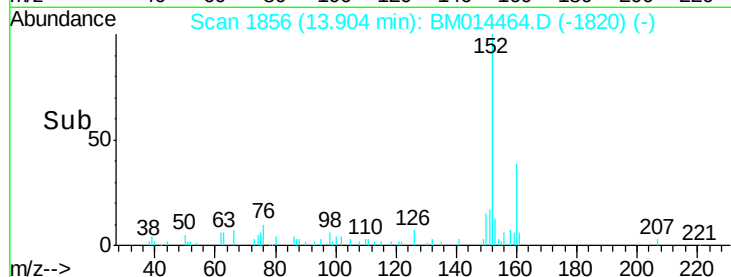
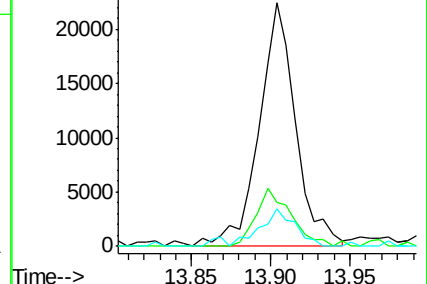
153 15.4 10.2 15.4#



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: 6.780 ng/ul

RT: 16.99 min Scan# 2381

Delta R.T. 0.01 min

Lab File: BM014464.D

Acq: 02 Mar 2018 16:31

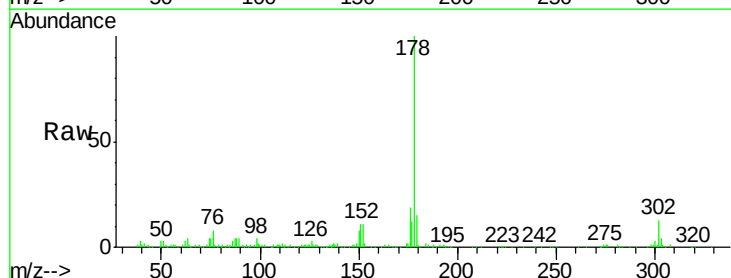
Tgt Ion:178 Resp: 208000

Ion Ratio Lower Upper

178 100

179 14.7 12.6 19.0

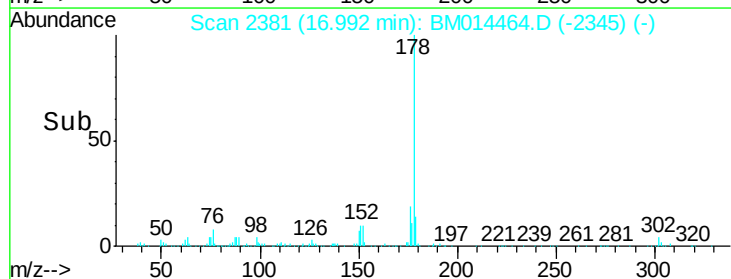
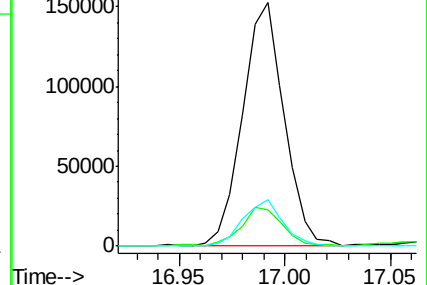
176 18.9 14.9 22.3

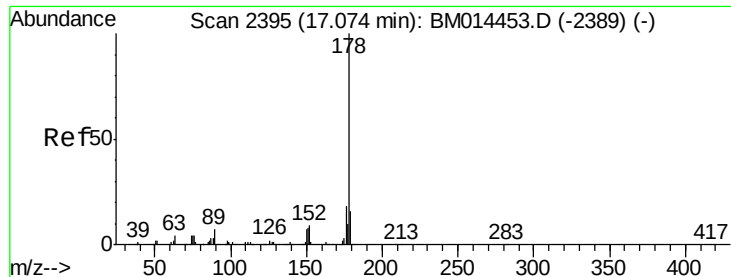


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 1.693 ng/ul

RT: 17.08 min Scan# 2396

Delta R.T. 0.01 min

Lab File: BM014464.D

Acq: 02 Mar 2018 16:31

Instrument :

BNA_M

ClientSampleId :

BE5W6RE

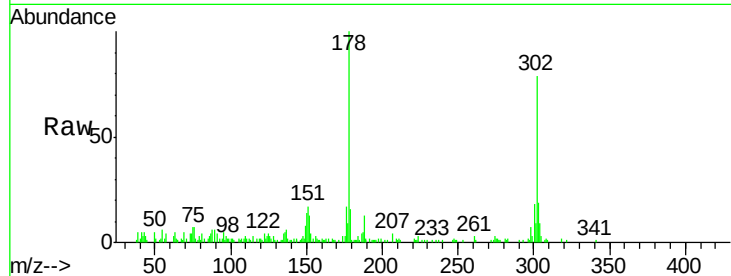
Tot Ion:178 Resp: 52219

Ion Ratio Lower Upper

178 100

179 15.5 11.7 17.5

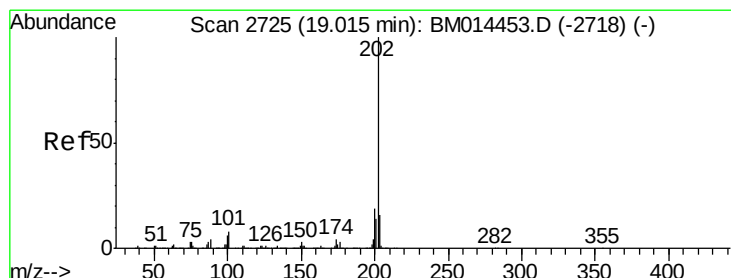
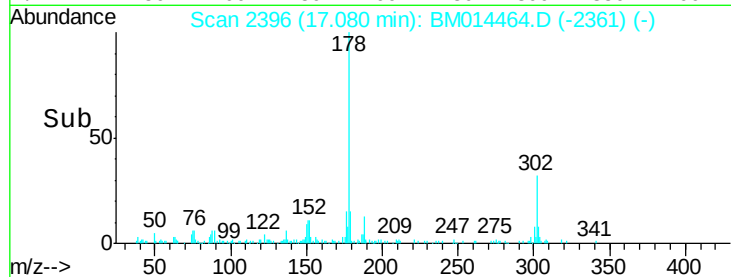
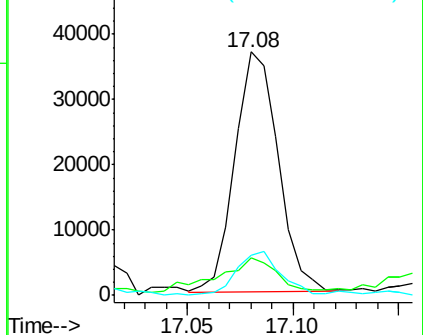
176 16.7 14.6 21.8



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



#74

Fluoranthene

Concen: 11.876 ng/ul

RT: 19.02 min Scan# 2726

Delta R.T. 0.01 min

Lab File: BM014464.D

Acq: 02 Mar 2018 16:31

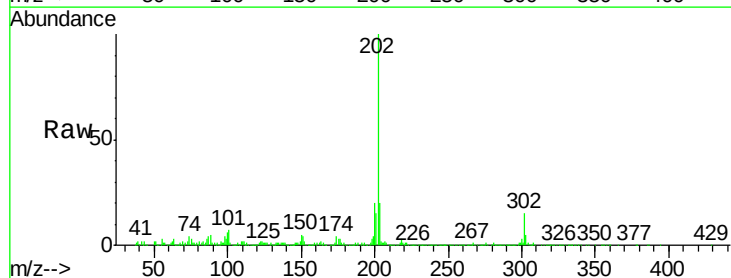
Tgt Ion:202 Resp: 435264

Ion Ratio Lower Upper

202 100

101 7.4 4.6 7.0#

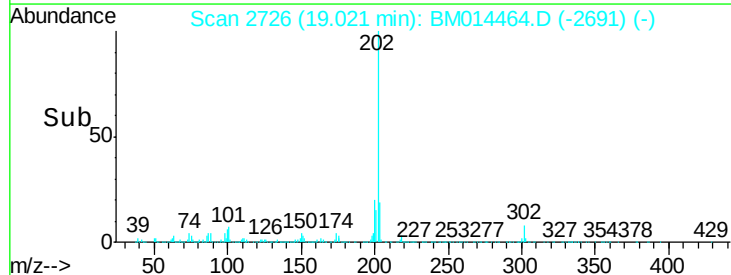
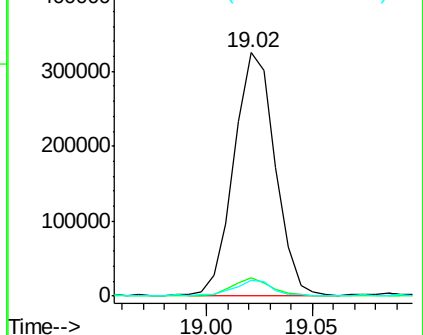
100 6.4 3.4 5.2#

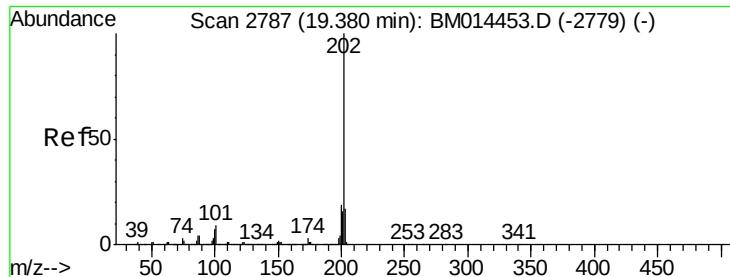


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 15.374 ng/ul

RT: 19.39 min Scan# 2789

Delta R.T. 0.01 min

Lab File: BM014464.D

Acq: 02 Mar 2018 16:31

Instrument :

BNA_M

ClientSampleId :

BE5W6RE

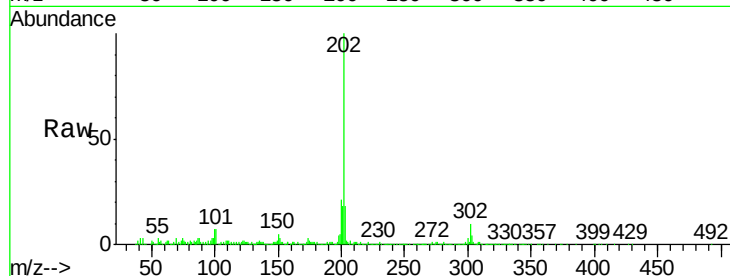
Tot Ion:202 Resp: 420536

Ion Ratio Lower Upper

202 100

101 6.6 5.1 7.7

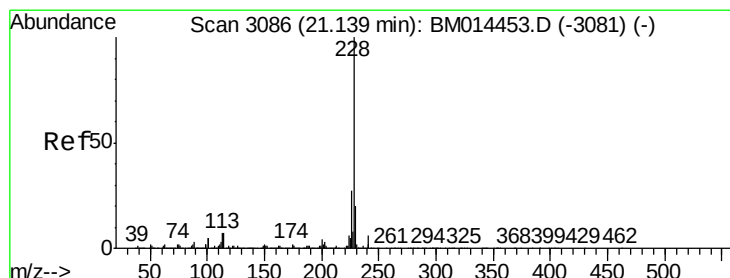
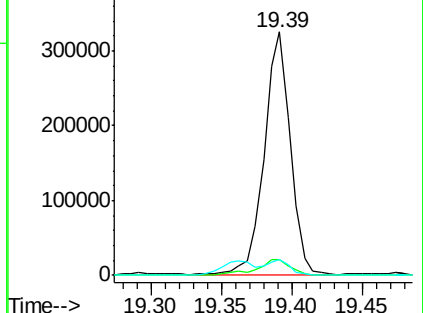
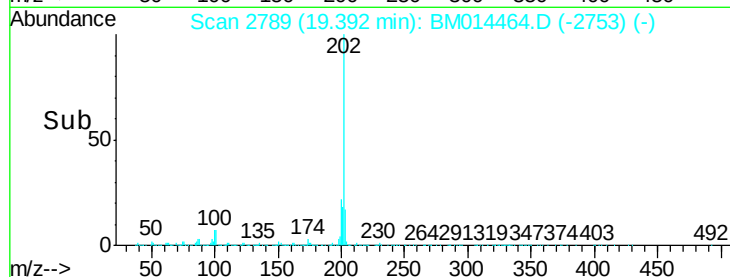
100 6.7 4.9 7.3



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: 8.149 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BM014464.D

Acq: 02 Mar 2018 16:31

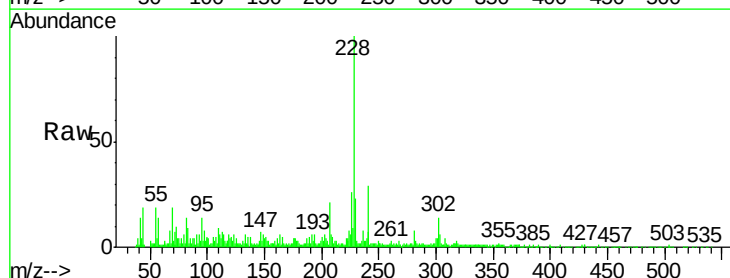
Tgt Ion:228 Resp: 209319

Ion Ratio Lower Upper

228 100

229 23.2 15.4 23.0#

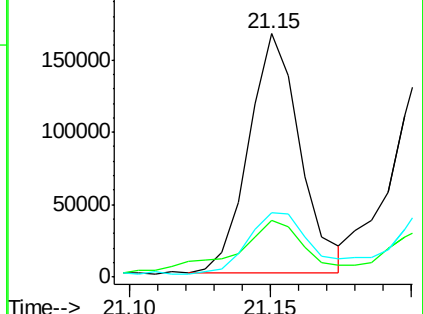
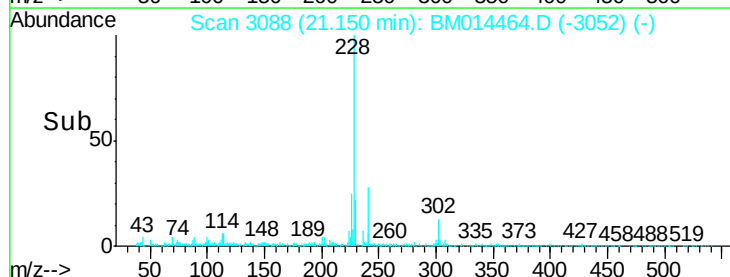
226 26.5 21.4 32.0

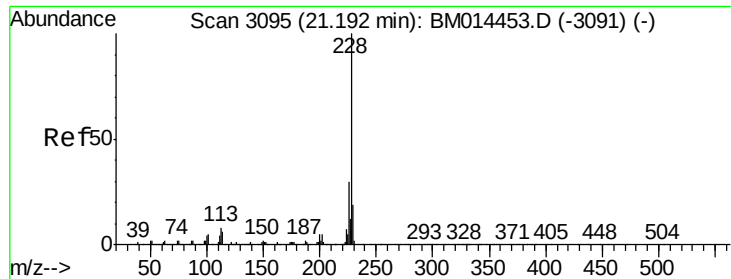


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 8.047 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.01 min

Lab File: BM014464.D

Acq: 02 Mar 2018 16:31

Instrument :

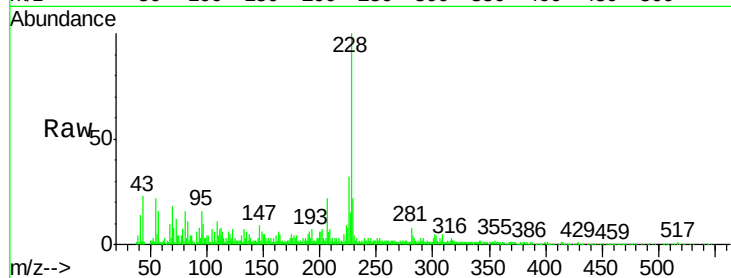
BNA_M

ClientSampleId :

BE5W6RE

Tot Ion:228 Resp: 192826

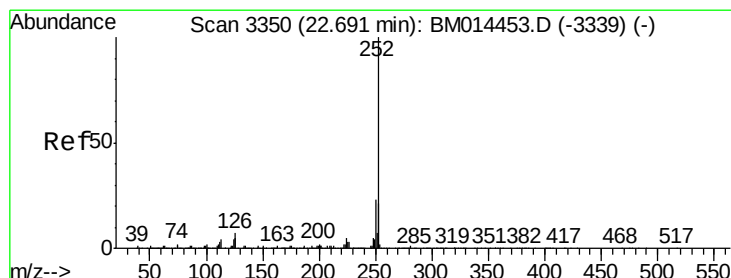
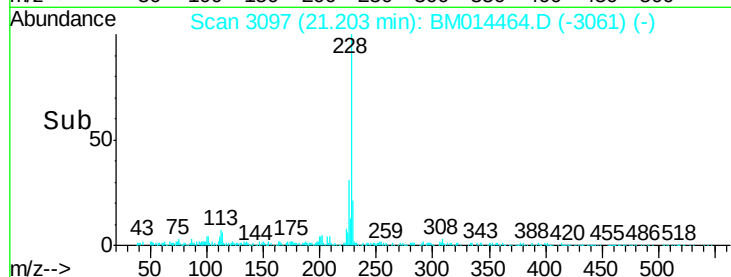
Ion	Ratio	Lower	Upper
228	100		
226	32.3	23.4	35.2
229	22.2	15.5	23.3



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: 9.542 ng/ul

RT: 22.70 min Scan# 3352

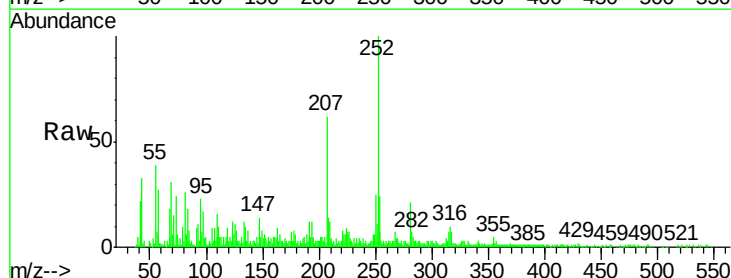
Delta R.T. 0.01 min

Lab File: BM014464.D

Acq: 02 Mar 2018 16:31

Tgt Ion:252 Resp: 226155

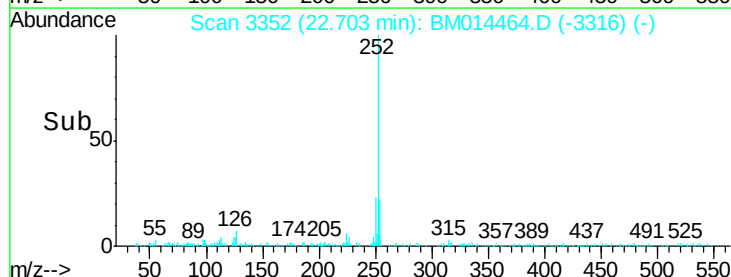
Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	10.7	3.6	5.4

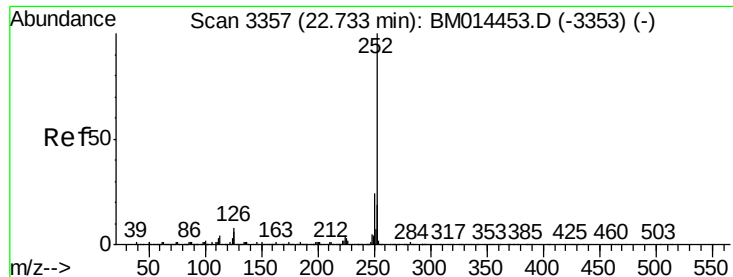


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 3.234 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. 0.01 min

Lab File: BM014464.D

Acq: 02 Mar 2018 16:31

Instrument :

BNA_M

ClientSampleId :

BE5W6RE

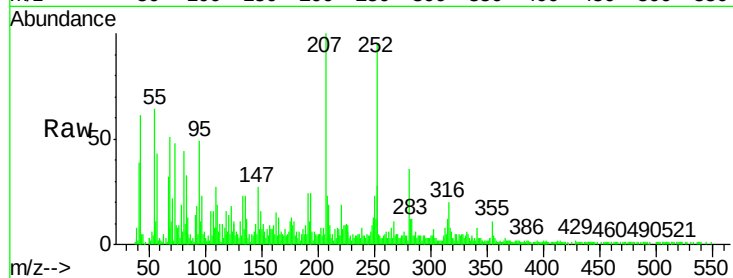
Tot Ion:252 Resp: 72883

Ion Ratio Lower Upper

252 100

253 29.3 17.1 25.7#

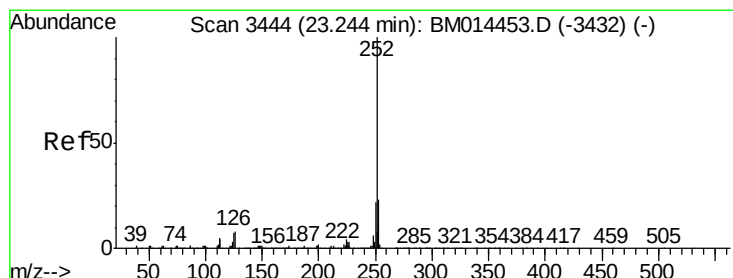
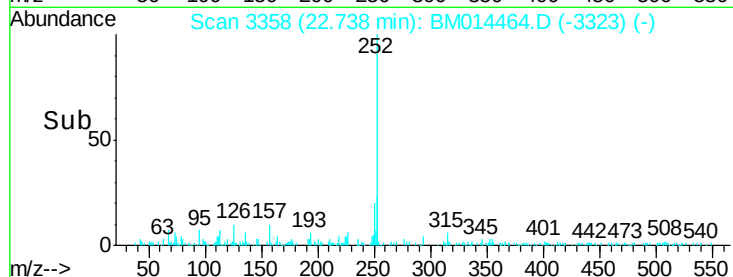
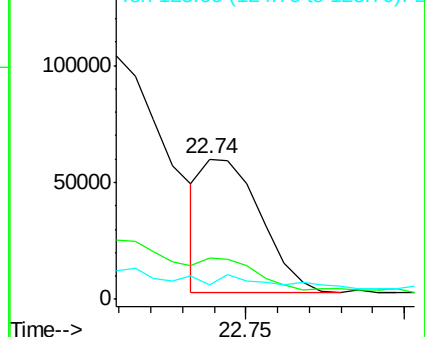
125 10.7 3.4 5.2#



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: 7.548 ng/ul

RT: 23.26 min Scan# 3447

Delta R.T. 0.02 min

Lab File: BM014464.D

Acq: 02 Mar 2018 16:31

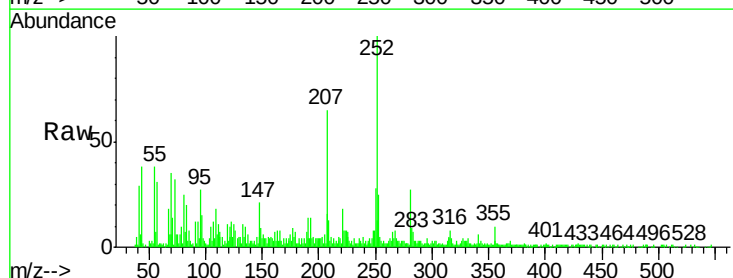
Tgt Ion:252 Resp: 159853

Ion Ratio Lower Upper

252 100

253 25.3 18.2 27.2

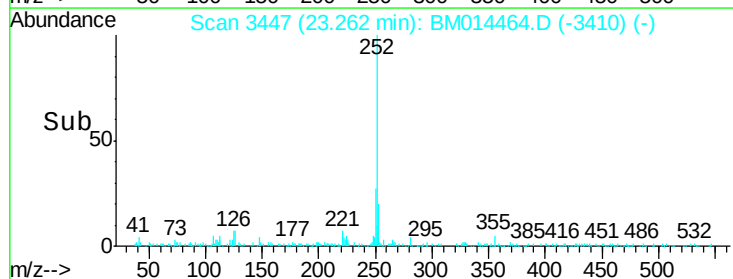
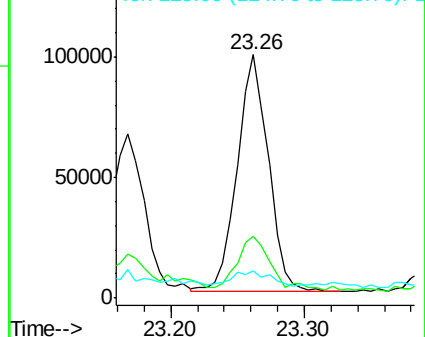
125 11.4 4.0 6.0#

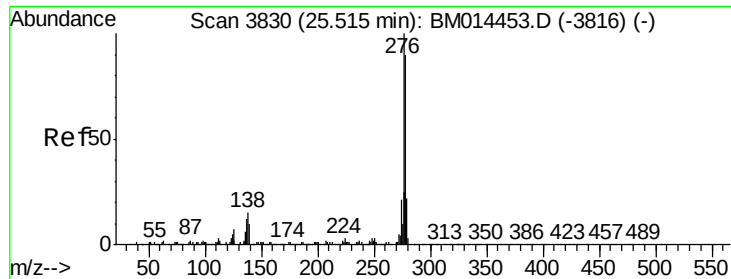


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



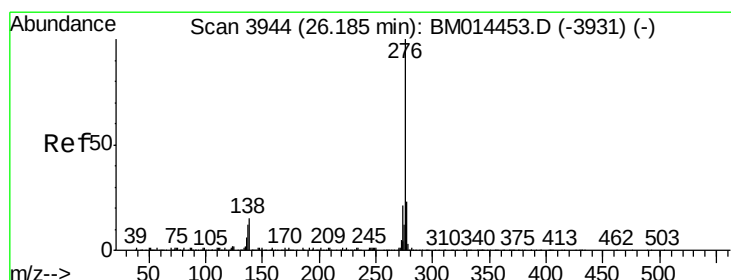
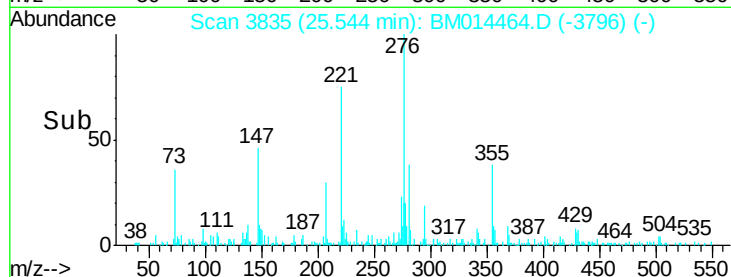
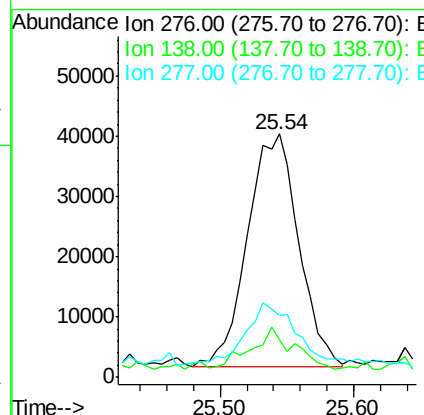
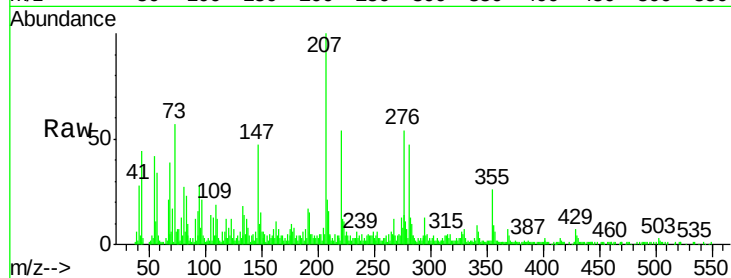


#89

Indeno(1,2,3-cd)pyrene
Concen: 4.986 ng/ul
RT: 25.54 min Scan# 3835
Delta R.T. 0.03 min
Lab File: BM014464.D
Acq: 02 Mar 2018 16:31

Instrument :
BNA_M
ClientSampled :
BE5W6RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.3	9.3	13.9#
277	25.6	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 5.228 ng/ul
RT: 26.21 min Scan# 3949
Delta R.T. 0.03 min
Lab File: BM014464.D
Acq: 02 Mar 2018 16:31

Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.0	8.5	12.7#
277	26.8	18.6	28.0

