

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072315\
 Data File : BM002025.D
 Acq On : 23 Jul 2015 20:25
 Operator : TP/UM
 Sample : G3000-20
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C02J4RE

Quant Time: Jul 24 01:34:23 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071315.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 24 01:29:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	71281	20.00	ng/ul	0.00
18) Naphthalene-d8	10.40	136	270640	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.27	164	147968	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.03	188	313136	20.00	ng/ul	0.00
77) Chrysene-d12	21.23	240	347002	20.00	ng/ul	0.00
85) Perylene-d12	23.44	264	354257	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	8122	5.57	ng/uL	0.00
5) Phenol-d5	6.79	99	196065	33.68	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.95	67	104832	33.05	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	168422	36.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.33	113	159730	33.42	ng/ul	0.00
19) Nitrobenzene-d5	8.77	128	76320	37.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	84337	37.65	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	167820	37.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	174142	37.37	ng/ul	0.00
43) Dimethylphthalate-d6	13.69	166	424044	35.53	ng/ul	0.00
46) Acenaphthylene-d8	13.97	160	524099	36.51	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	69688	34.48	ng/ul	0.00
57) Fluorene-d10	15.27	176	336911	33.04	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.41	200	17672	8.72	ng/ul	0.00
70) Anthracene-d10	17.13	188	481220	32.74	ng/ul	0.00
78) Pyrene-d10	19.43	212	475916	30.03	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.30	264	452325	25.25	ng/ul	0.00

Target Compounds

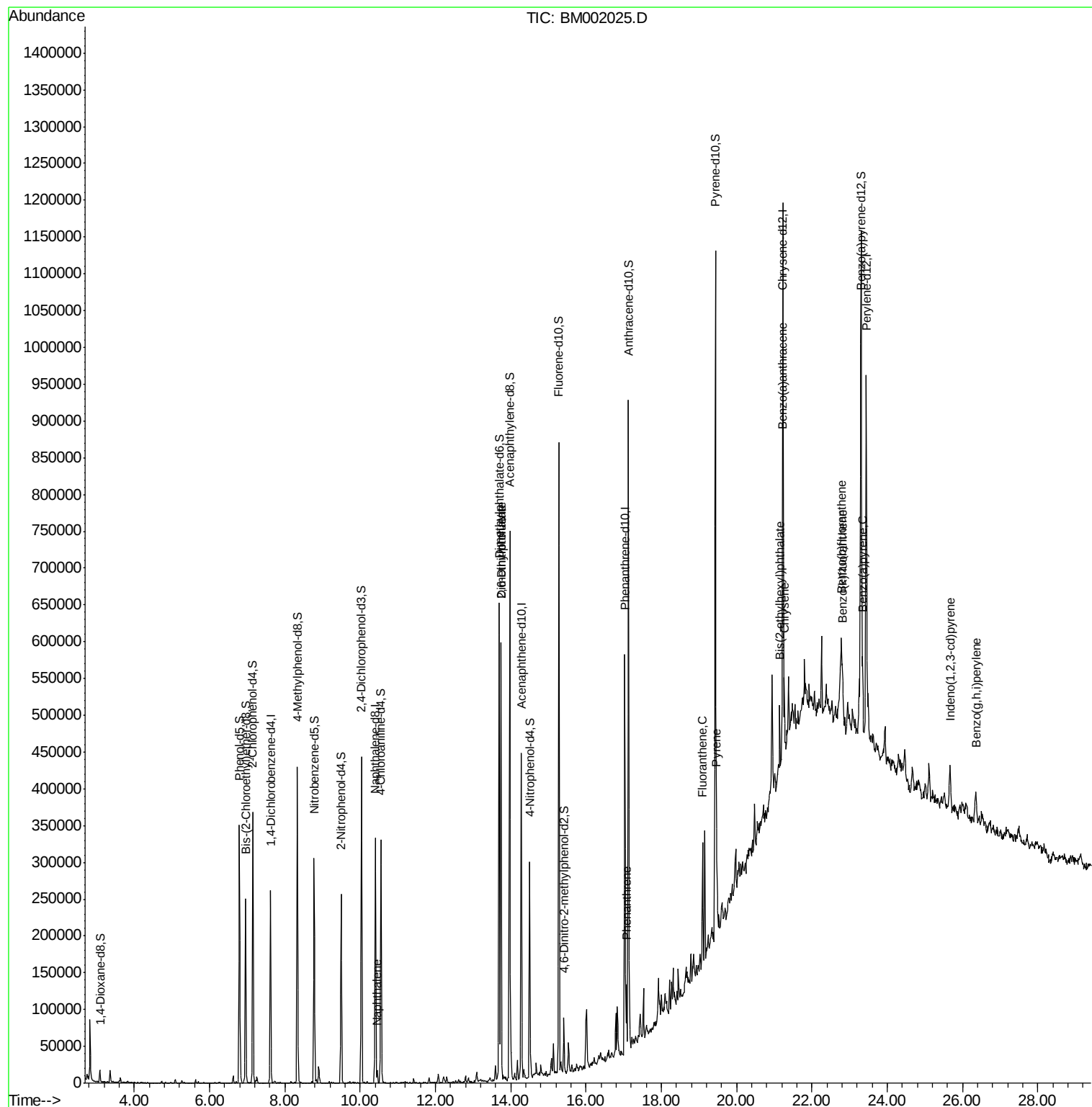
						Qvalue
28) Naphthalene	10.45	128	14506	1.06	ng/ul	98
44) Dimethylphthalate	13.74	163	368808	30.38	ng/ul	99
45) 2,6-Dinitrotoluene	13.74	165	3942	1.58	ng/ul#	57
69) Phenanthrene	17.07	178	51849	3.06	ng/ul	98
76) Fluoranthene	19.09	202	93491	4.71	ng/ul	100
79) Pyrene	19.46	202	92636	4.46	ng/ul	99
82) Benzo(a)anthracene	21.21	228	55791	2.70	ng/ul#	92
83) Bis(2-ethylhexyl)phthalate	21.14	149	27529	2.38	ng/ul#	95
84) Chrysene	21.26	228	57466	2.97	ng/ul#	94
87) Benzo(b)fluoranthene	22.77	252	84599	3.90	ng/ul#	88
88) Benzo(k)fluoranthene	22.81	252	28247	1.35	ng/ul#	74
90) Benzo(a)pyrene	23.34	252	56455	2.77	ng/ul#	88
91) Indeno(1,2,3-cd)pyrene	25.66	276	50716	2.37	ng/ul	94
93) Benzo(g,h,i)perylene	26.34	276	54559	3.10	ng/ul#	95

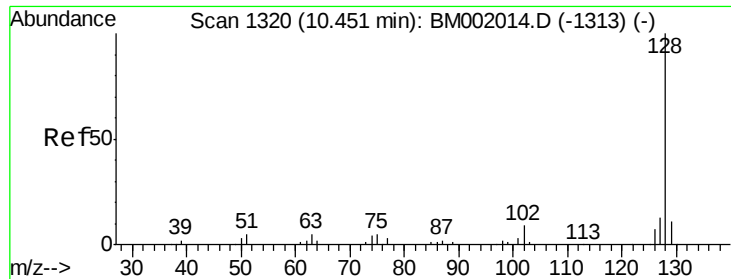
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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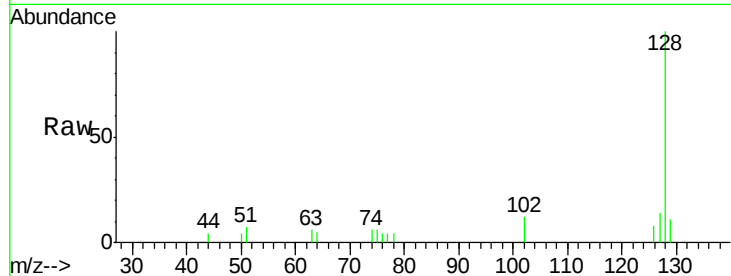




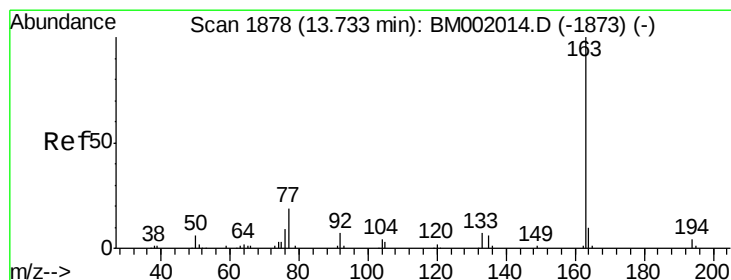
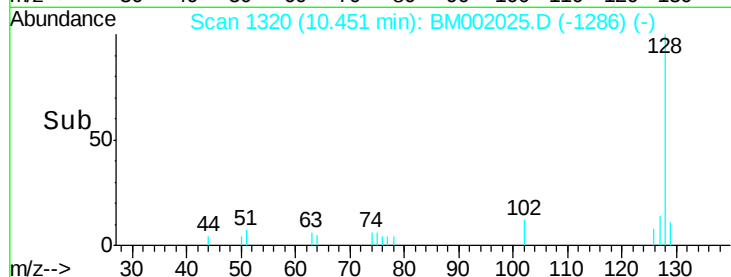
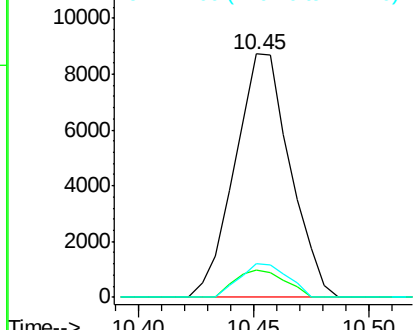
#28
Naphthalene
Concen: 1.06 ng/ul
RT: 10.45 min Scan# 1320
Delta R.T. -0.00 min
Lab File: BM002025.D
Acq: 23 Jul 2015 20:25

Instrument :
BNA_M
ClientSampleId :
C02J4RE

Tgt Ion:128 Resp: 14506
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 14.0 10.4 15.6

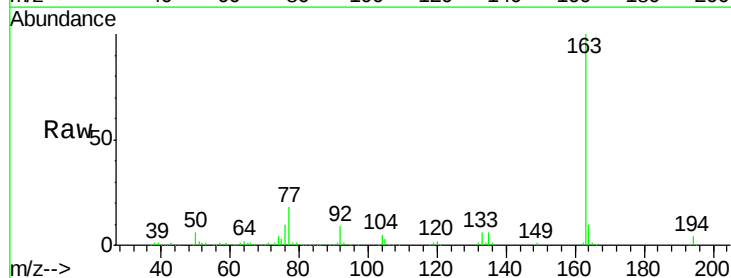


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

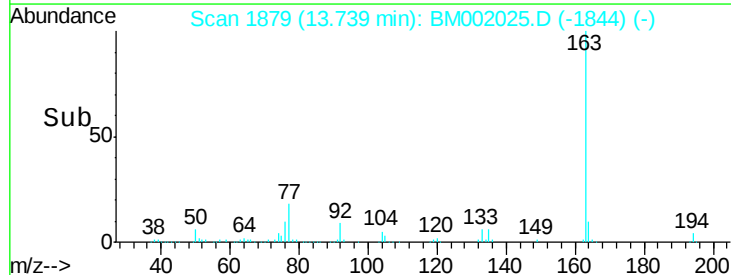
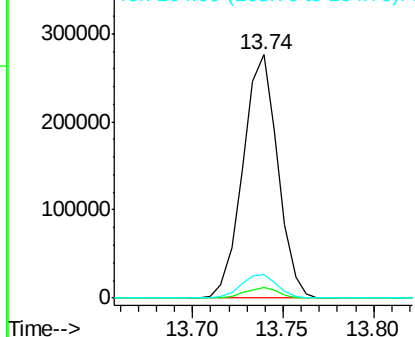


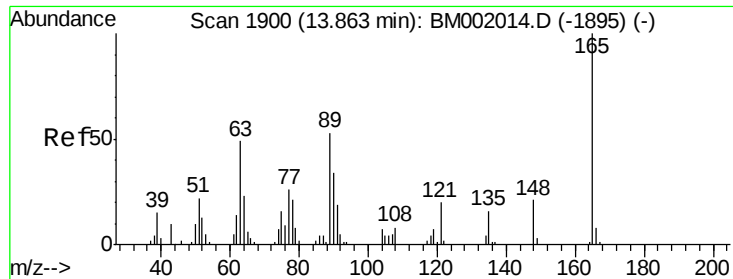
#44
Dimethylphthalate
Concen: 30.38 ng/ul
RT: 13.74 min Scan# 1879
Delta R.T. 0.01 min
Lab File: BM002025.D
Acq: 23 Jul 2015 20:25

Tgt Ion:163 Resp: 368808
Ion Ratio Lower Upper
163 100
194 4.5 3.5 5.3
164 9.9 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

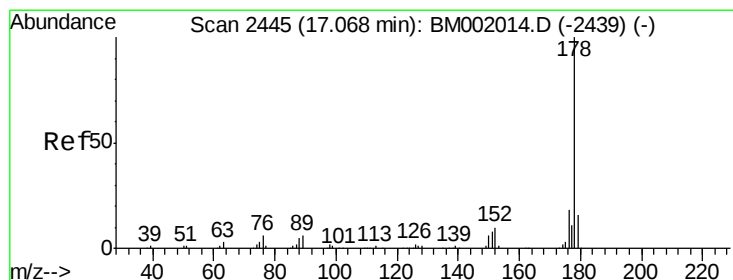
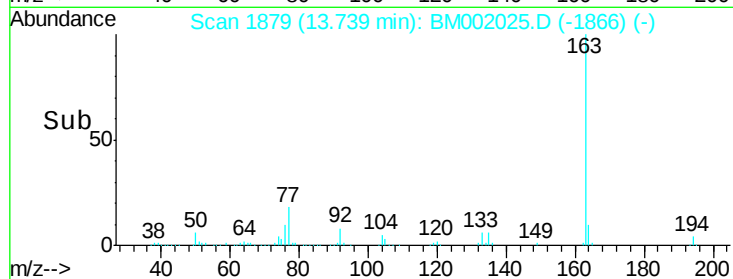
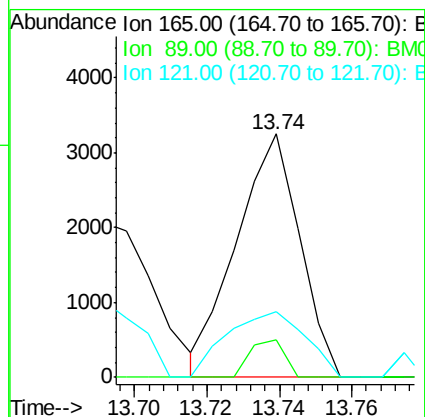
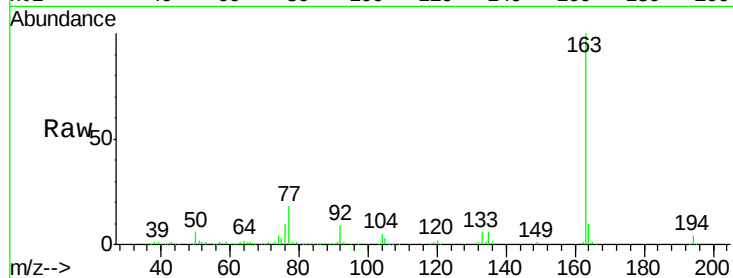




#45
 2,6-Dinitrotoluene
 Concen: 1.58 ng/ul
 RT: 13.74 min Scan# 1879
 Delta R.T. -0.12 min
 Lab File: BM002025.D
 Acq: 23 Jul 2015 20:25

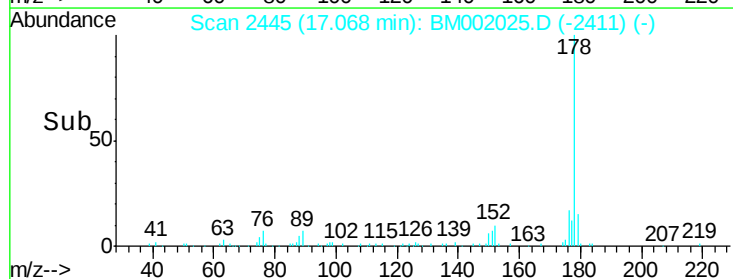
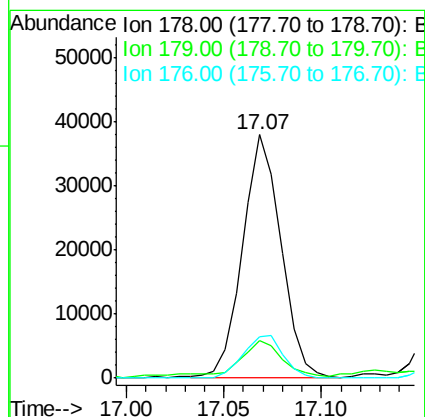
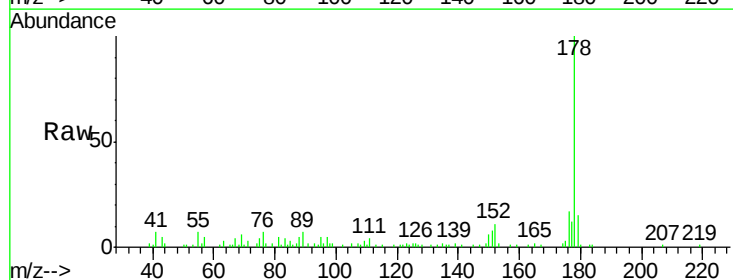
Instrument :
 BNA_M
 ClientSampleId :
 C02J4RE

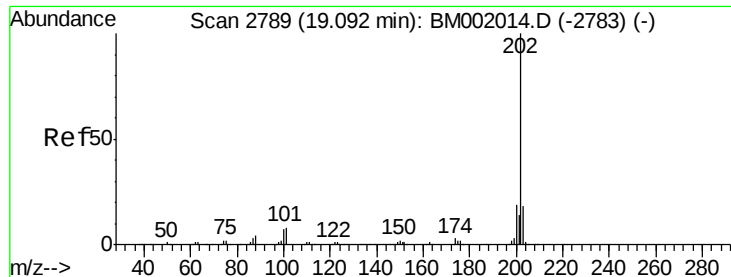
Tgt Ion:165 Resp: 3942
 Ion Ratio Lower Upper
 165 100
 89 15.5 43.9 65.9#
 121 26.9 17.0 25.6#



#69
 Phenanthrene
 Concen: 3.06 ng/ul
 RT: 17.07 min Scan# 2445
 Delta R.T. -0.00 min
 Lab File: BM002025.D
 Acq: 23 Jul 2015 20:25

Tgt Ion:178 Resp: 51849
 Ion Ratio Lower Upper
 178 100
 179 15.4 12.1 18.1
 176 17.0 14.6 21.8

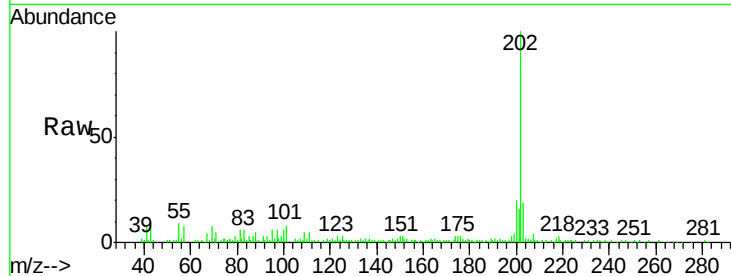




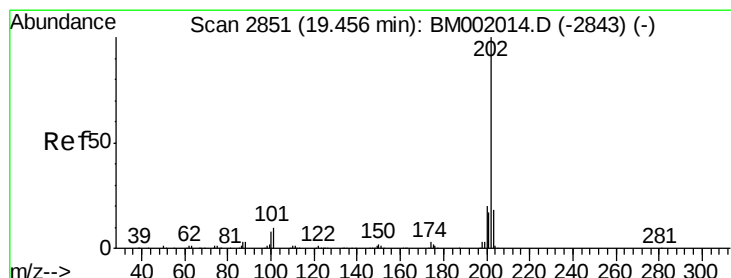
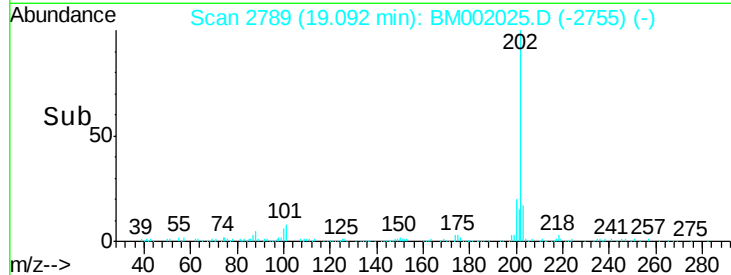
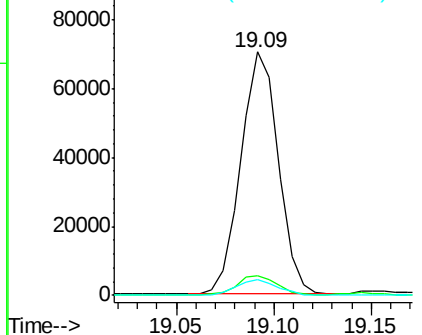
#76
Fluoranthene
Concen: 4.71 ng/ul
RT: 19.09 min Scan# 2789
Delta R.T. -0.00 min
Lab File: BM002025.D
Acq: 23 Jul 2015 20:25

Instrument :
BNA_M
ClientSampleId :
C02J4RE

Tgt Ion:	202	Resp:	93491
Ion Ratio	Lower	Upper	
202	100		
101	8.1	6.3	9.5
100	6.3	5.0	7.4

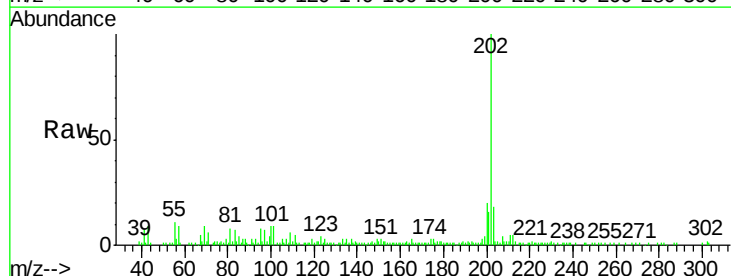


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

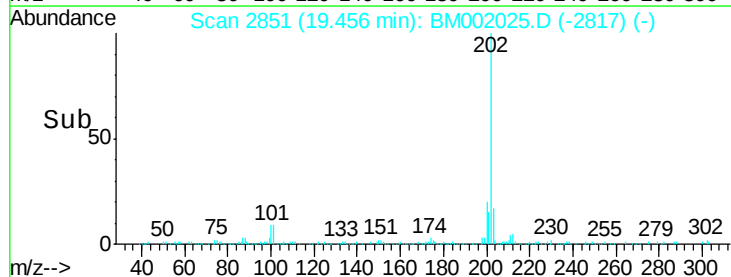
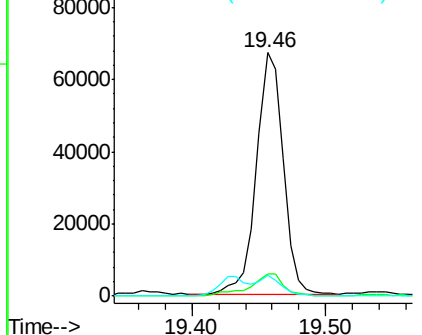


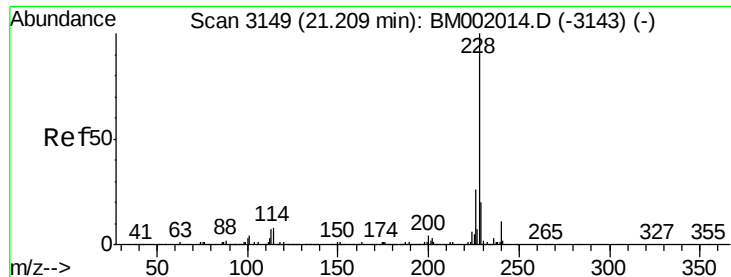
#79
Pyrene
Concen: 4.46 ng/ul
RT: 19.46 min Scan# 2851
Delta R.T. -0.00 min
Lab File: BM002025.D
Acq: 23 Jul 2015 20:25

Tgt Ion:	202	Resp:	92636
Ion Ratio	Lower	Upper	
202	100		
101	9.2	7.3	10.9
100	8.5	6.2	9.4



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





#82

Benzo(a)anthracene

Concen: 2.70 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. -0.00 min

Lab File: BM002025.D

Acq: 23 Jul 2015 20:25

Instrument :

BNA_M

ClientSampled :

C02J4RE

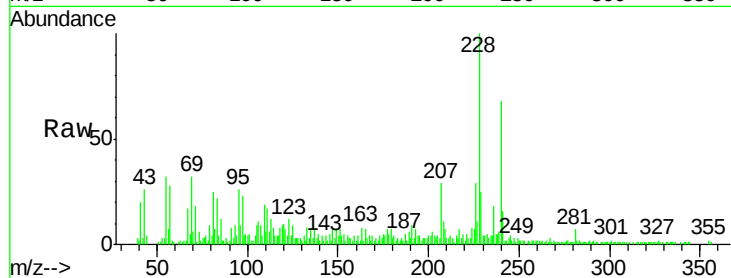
Tgt Ion:228 Resp: 55791

Ion Ratio Lower Upper

228 100

229 24.6 15.4 23.2#

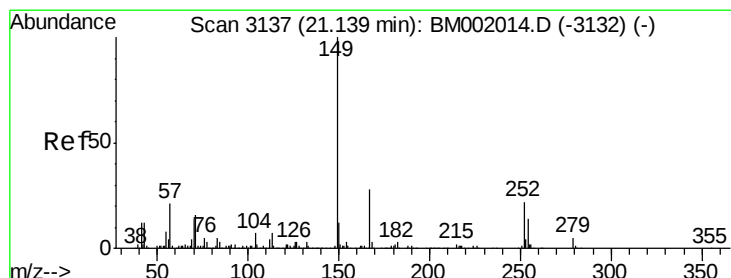
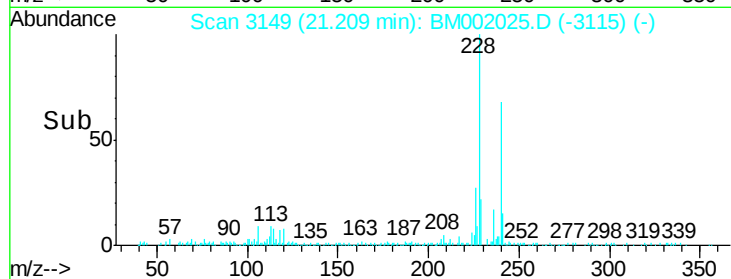
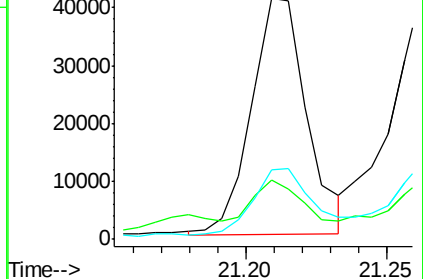
226 28.8 20.7 31.1



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.38 ng/ul

RT: 21.14 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BM002025.D

Acq: 23 Jul 2015 20:25

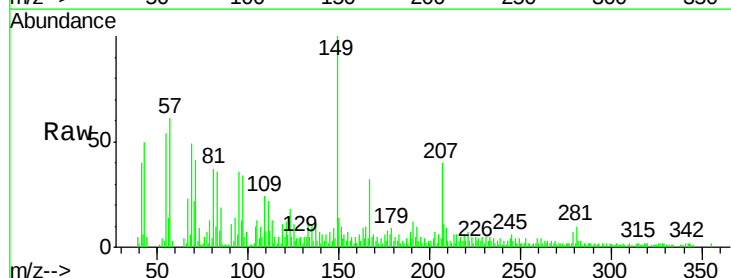
Tgt Ion:149 Resp: 27529

Ion Ratio Lower Upper

149 100

167 31.6 23.2 34.8

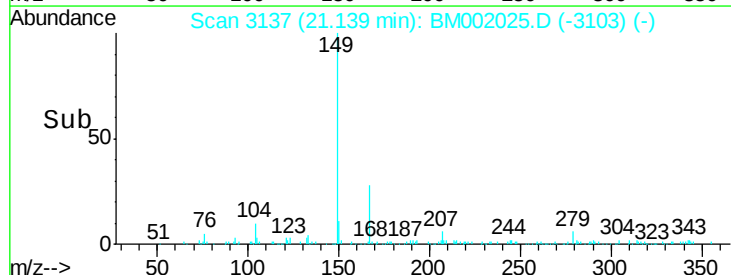
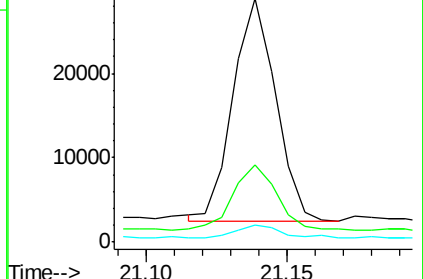
279 6.8 4.5 6.7#

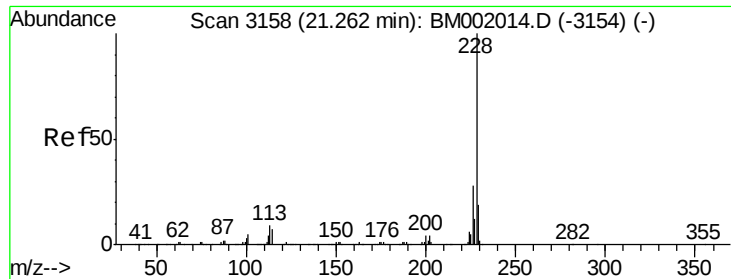


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 2.97 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. -0.00 min

Lab File: BM002025.D

Acq: 23 Jul 2015 20:25

Instrument :

BNA_M

ClientSampleId :

C02J4RE

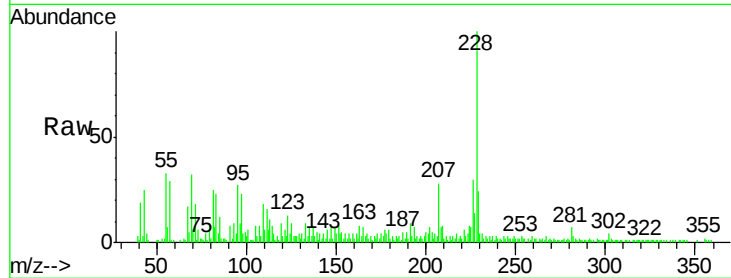
Tgt Ion:228 Resp: 57466

Ion Ratio Lower Upper

228 100

226 30.2 23.0 34.4

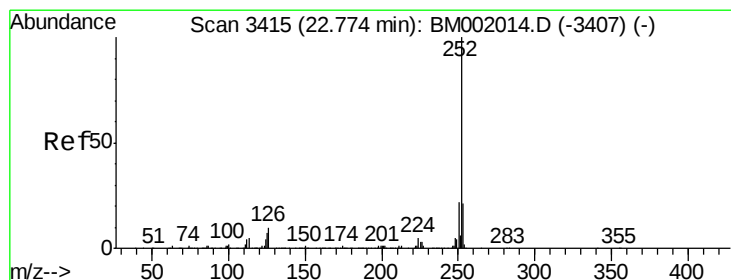
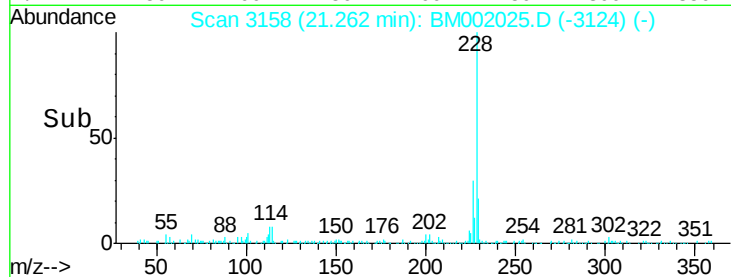
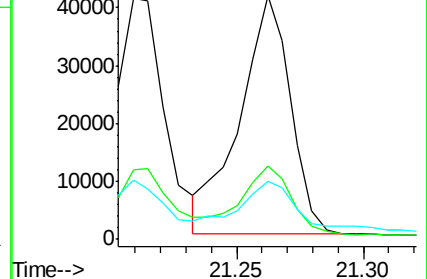
229 23.9 15.6 23.4#



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



#87

Benzo(b)fluoranthene

Concen: 3.90 ng/ul

RT: 22.77 min Scan# 3415

Delta R.T. -0.00 min

Lab File: BM002025.D

Acq: 23 Jul 2015 20:25

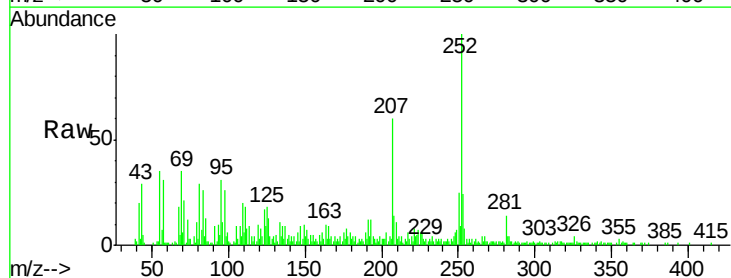
Tgt Ion:252 Resp: 84599

Ion Ratio Lower Upper

252 100

253 24.2 17.2 25.8

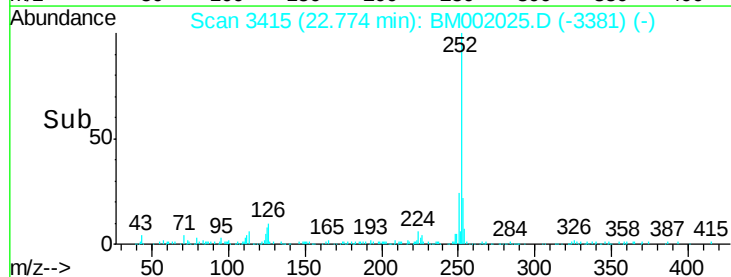
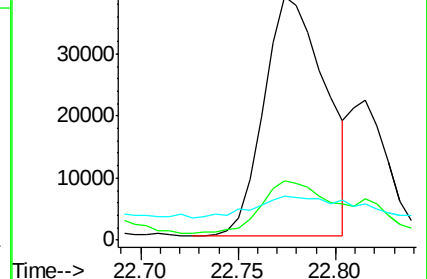
125 18.2 5.3 7.9#

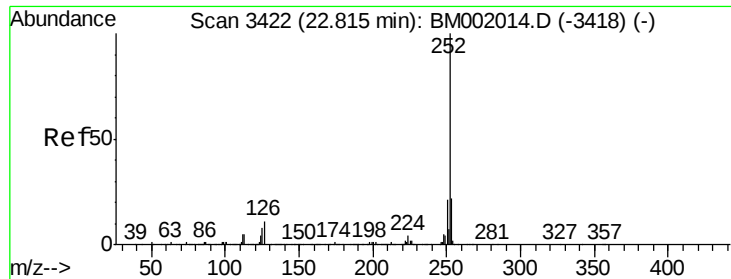


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 1.35 ng/ul

RT: 22.81 min Scan# 3422

Delta R.T. -0.00 min

Lab File: BM002025.D

Acq: 23 Jul 2015 20:25

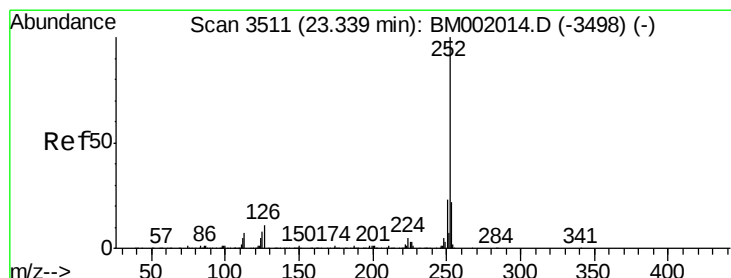
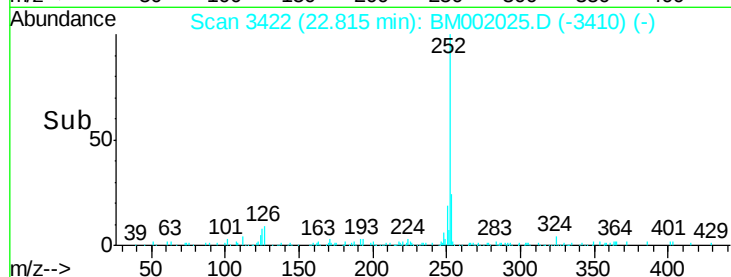
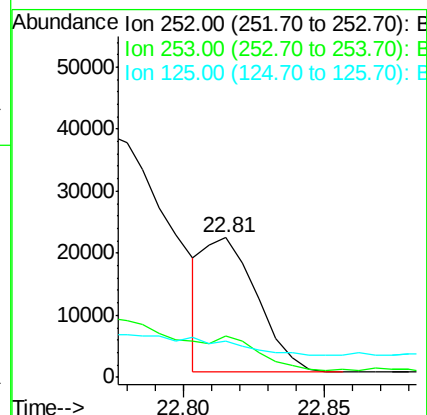
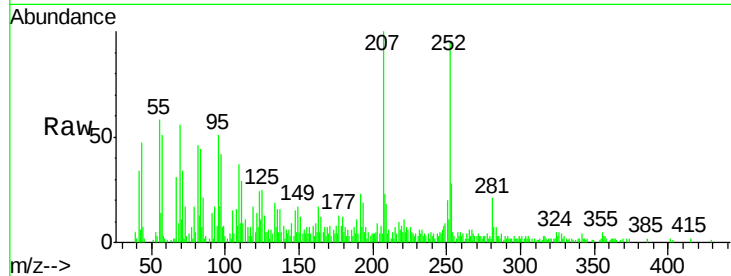
Instrument :

BNA_M

ClientSampleId :

C02J4RE

Tgt Ion:	252	Resp:	28247
Ion Ratio	Lower	Upper	
252	100		
253	29.5	17.4	26.2#
125	26.0	5.1	7.7#



#90

Benzo(a)pyrene

Concen: 2.77 ng/ul

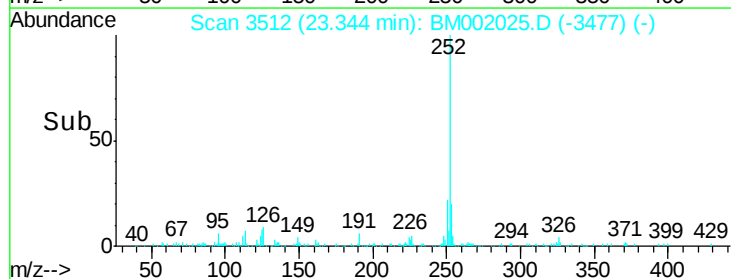
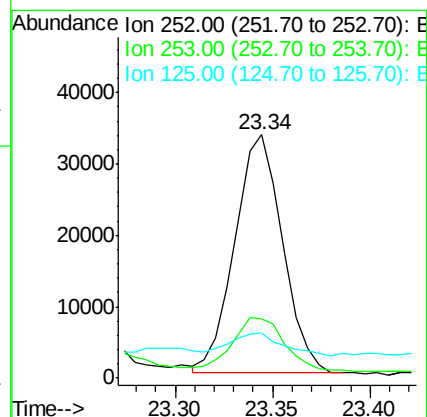
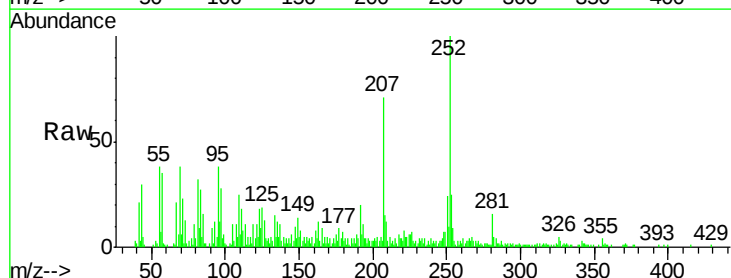
RT: 23.34 min Scan# 3512

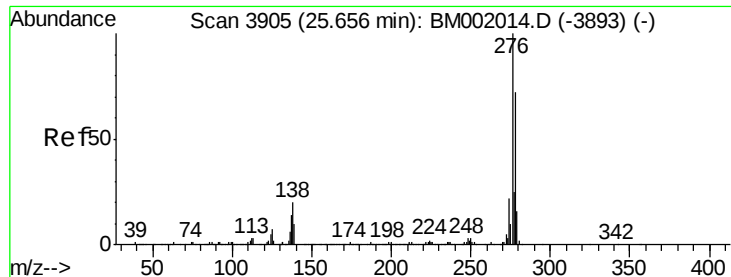
Delta R.T. 0.01 min

Lab File: BM002025.D

Acq: 23 Jul 2015 20:25

Tgt Ion:	252	Resp:	56455
Ion Ratio	Lower	Upper	
252	100		
253	24.6	17.6	26.4
125	18.7	6.0	9.0#





#91

Indeno(1,2,3-cd)pyrene

Concen: 2.37 ng/ul

RT: 25.66 min Scan# 3906

Delta R.T. 0.01 min

Lab File: BM002025.D

Acq: 23 Jul 2015 20:25

Instrument :

BNA_M

ClientSampleId :

C02J4RE

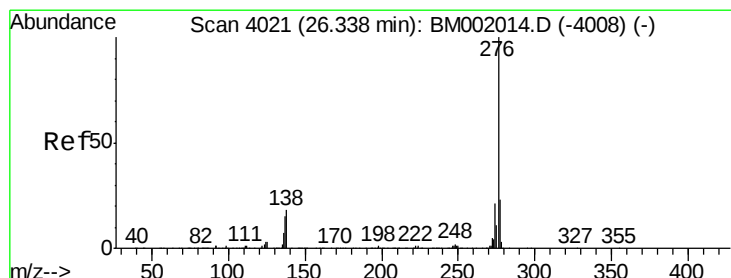
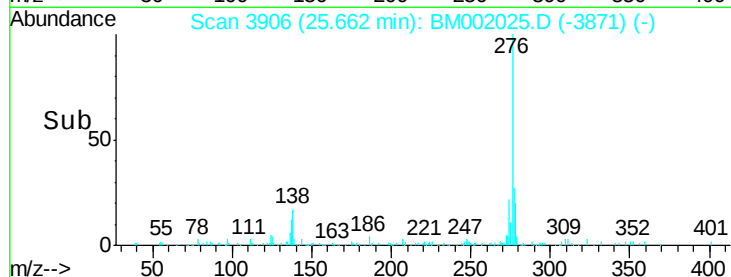
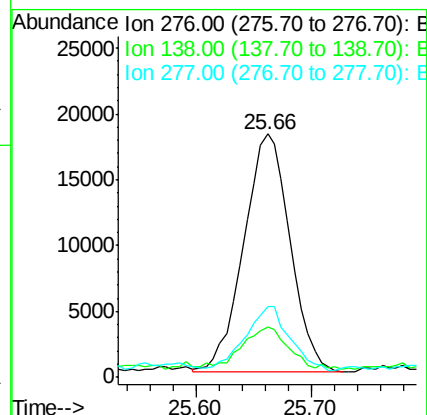
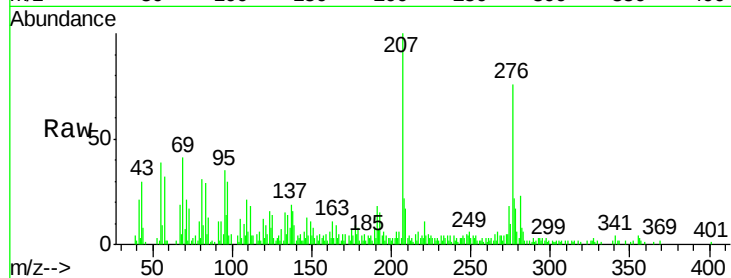
Tgt Ion:276 Resp: 50716

Ion Ratio Lower Upper

276 100

138 20.8 15.2 22.8

277 29.1 20.1 30.1



#93

Benzo(g,h,i)perylene

Concen: 3.10 ng/ul

RT: 26.34 min Scan# 4022

Delta R.T. 0.01 min

Lab File: BM002025.D

Acq: 23 Jul 2015 20:25

Tgt Ion:276 Resp: 54559

Ion Ratio Lower Upper

276 100

138 20.9 12.7 19.1#

277 23.6 18.6 28.0

