

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004544.D
 Acq On : 03 Mar 2016 22:37
 Operator : SJ/UM
 Sample : H1616-05
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BLDG06-P002-SS001-01

Quant Time: Mar 04 04:33:14 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM030316.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 04 04:25:59 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	52347	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	147028	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.28	164	68592	20.00	ng/ul	0.02
62) Phenanthrene-d10	17.02	188	128163	20.00	ng/ul	0.01
78) Chrysene-d12	21.23	240	88296	20.00	ng/ul	0.01
86) Perylene-d12	23.45	264	16230	20.00	ng/ul	0.02

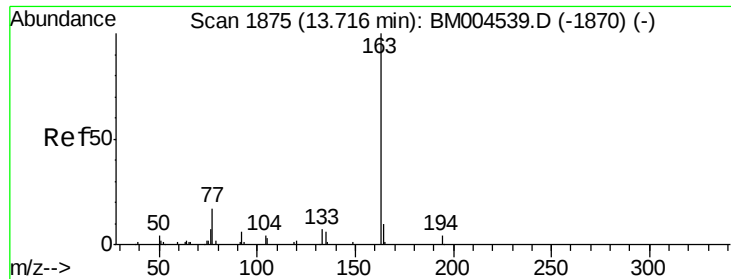
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.06	96	2128	2.19	ng/uL	0.00
5) Phenol-d5	6.80	99	51246	12.15	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	26864	12.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.14	132	49932	13.28	ng/ul	0.01
13) 4-Methylphenol-d8	8.33	113	44485	11.97	ng/ul	0.00
19) Nitrobenzene-d5	8.76	128	24145	21.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.48	143	28037	22.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.03	165	44579	19.59	ng/ul	0.01
29) 4-Chloroaniline-d4	10.54	131	42199	15.08	ng/ul	0.01
44) Dimethylphthalate-d6	13.73	166	104786	18.37	ng/ul	0.06
47) Acenaphthylene-d8	13.97	160	143005	20.73	ng/ul	0.03
52) 4-Nitrophenol-d4	14.50	143	228	0.27	ng/ul	-0.01
58) Fluorene-d10	15.27	176	101170	20.44	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.42	200	15963	19.18	ng/ul	0.01
71) Anthracene-d10	17.12	188	136897	21.83	ng/ul	0.01
79) Pyrene-d10	19.43	212	128261	27.01	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.31	264	14089	16.32	ng/ul	0.02

Target Compounds

						Qvalue
45) Dimethylphthalate	13.76	163	41879	6.98	ng/ul	97
46) 2,6-Dinitrotoluene	13.89	165	1733	1.44	ng/ul#	57
59) Fluorene	15.32	166	6744	1.16	ng/ul#	88
70) Phenanthrene	17.06	178	59740	7.78	ng/ul	98
72) Anthracene	17.06	178	59740	7.66	ng/ul	97
77) Fluoranthene	19.10	202	73501	8.89	ng/ul	97
80) Pyrene	19.46	202	67853	10.59	ng/ul	99
81) Butylbenzylphthalate	20.33	149	124370	49.12	ng/ul#	29
83) Benzo(a)anthracene	21.22	228	26428	4.64	ng/ul#	91
84) Bis(2-ethylhexyl)phthalate	21.16	149	115153	32.24	ng/ul#	60
85) Chrysene	21.27	228	23338	4.27	ng/ul#	89
87) Di-n-octyl phthalate	22.01	149	62952	51.62	ng/ul#	1
88) Benzo(b)fluoranthene	22.79	252	43802	40.50	ng/ul#	53
89) Benzo(k)fluoranthene	22.79	252	43802	40.86	ng/ul#	52
91) Benzo(a)pyrene	23.36	252	20788	20.34	ng/ul#	29
92) Indeno(1,2,3-cd)pyrene	25.69	276	22694	22.30	ng/ul#	91
93) Dibenzo(a,h)anthracene	25.67	278	2754	3.27	ng/ul#	1
94) Benzo(g,h,i)perylene	26.37	276	21064	24.58	ng/ul#	88

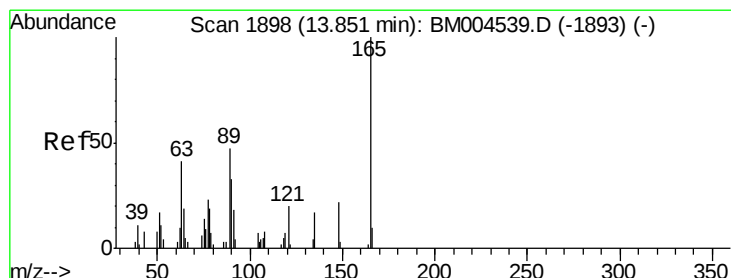
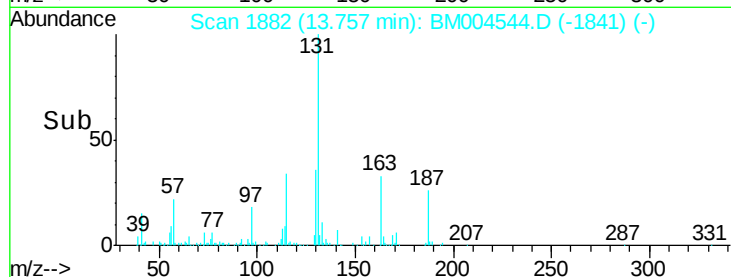
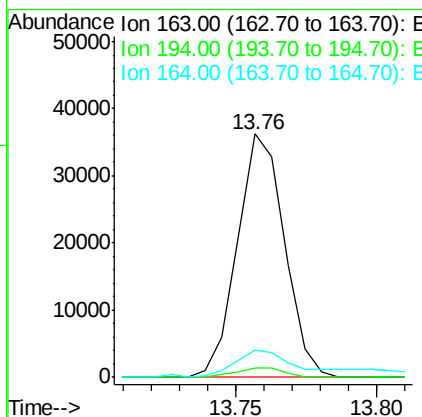
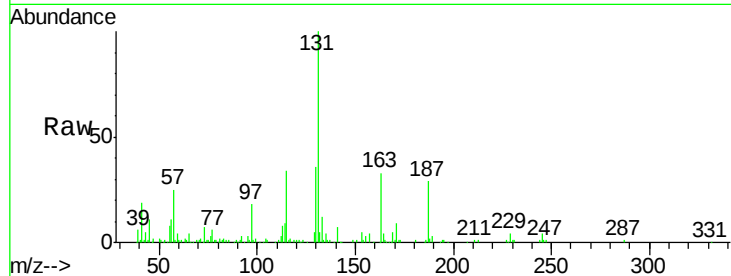
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#45
Dimethylphthalate
Concen: 6.98 ng/ul
RT: 13.76 min Scan# 1882
Delta R.T. 0.04 min
Lab File: BM004544.D
Acq: 03 Mar 2016 22:37

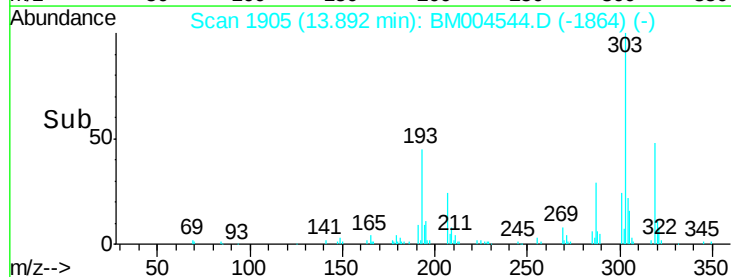
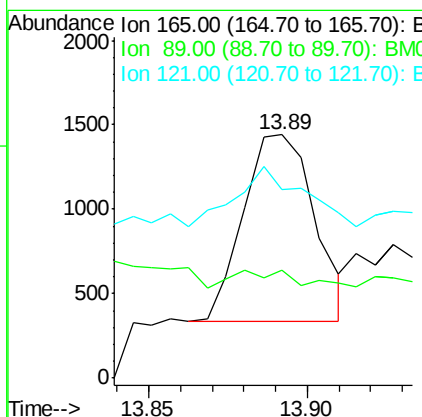
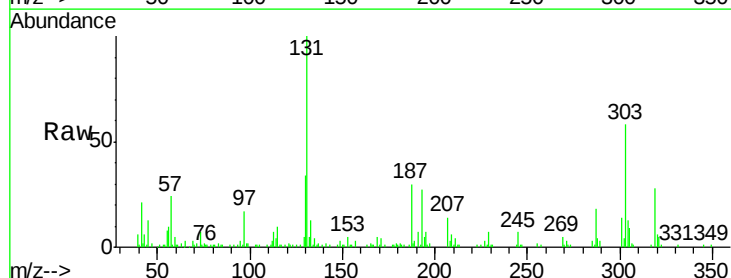
Instrument :
BNA_M
ClientSampleId :
BLDG06-P002-SS001-01

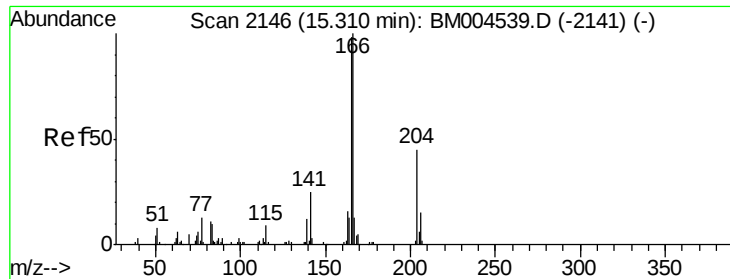
Tgt Ion:163 Resp: 41879
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 11.2 7.8 11.8



#46
2,6-Dinitrotoluene
Concen: 1.44 ng/ul
RT: 13.89 min Scan# 1905
Delta R.T. 0.04 min
Lab File: BM004544.D
Acq: 03 Mar 2016 22:37

Tgt Ion:165 Resp: 1733
Ion Ratio Lower Upper
165 100
89 44.6 42.4 63.6
121 77.7 16.6 24.8#





#59

Fluorene

Concen: 1.16 ng/ul

RT: 15.32 min Scan# 2148

Delta R.T. 0.01 min

Lab File: BM004544.D

Acq: 03 Mar 2016 22:37

Instrument :

BNA_M

ClientSampleId :

BLDG06-P002-SS001-01

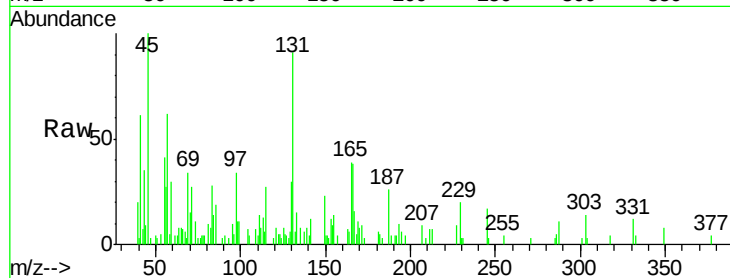
Tgt Ion:166 Resp: 6744

Ion Ratio Lower Upper

166 100

165 102.2 78.5 117.7

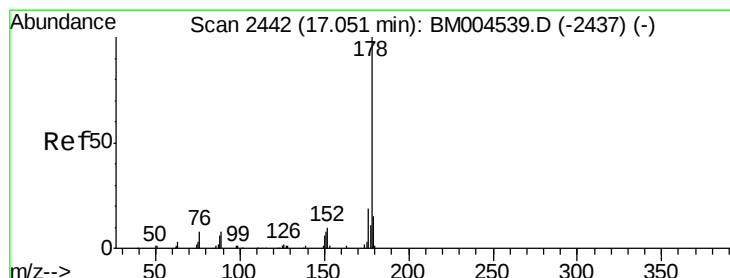
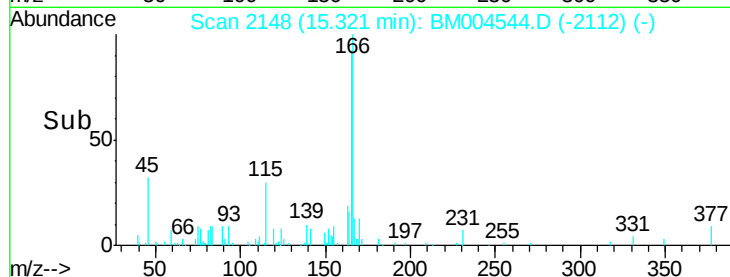
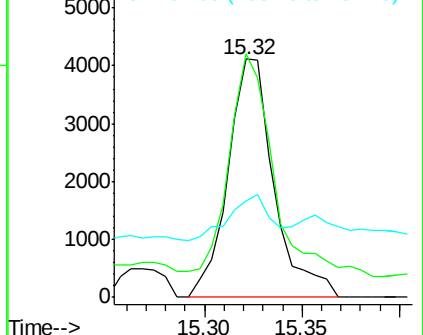
167 40.7 10.7 16.1#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 7.78 ng/ul

RT: 17.06 min Scan# 2444

Delta R.T. 0.01 min

Lab File: BM004544.D

Acq: 03 Mar 2016 22:37

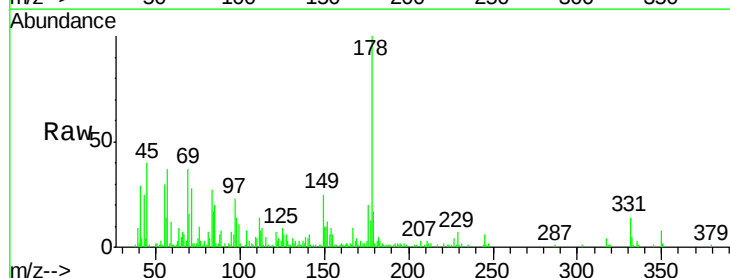
Tgt Ion:178 Resp: 59740

Ion Ratio Lower Upper

178 100

179 16.7 12.2 18.4

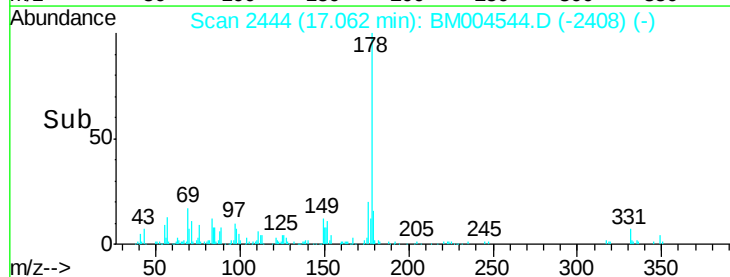
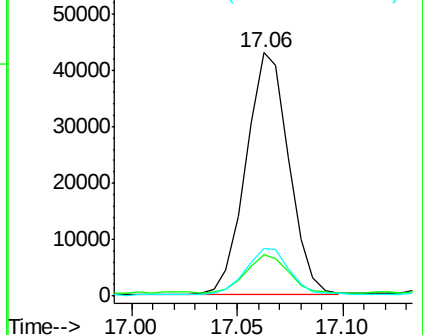
176 19.8 15.6 23.4

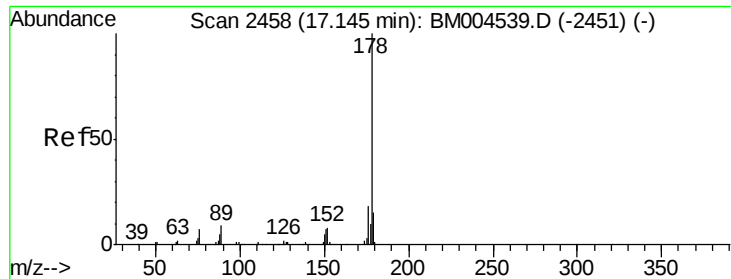


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 7.66 ng/ul

RT: 17.06 min Scan# 2444

Delta R.T. -0.08 min

Lab File: BM004544.D

Acq: 03 Mar 2016 22:37

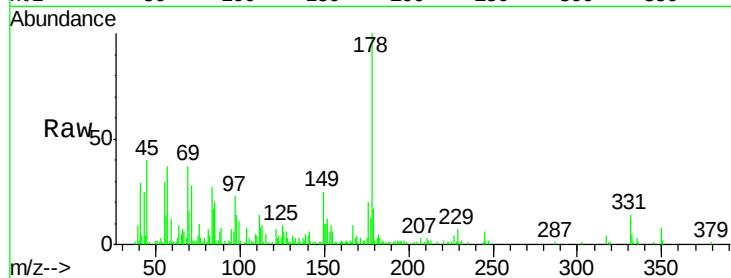
Instrument :

BNA_M

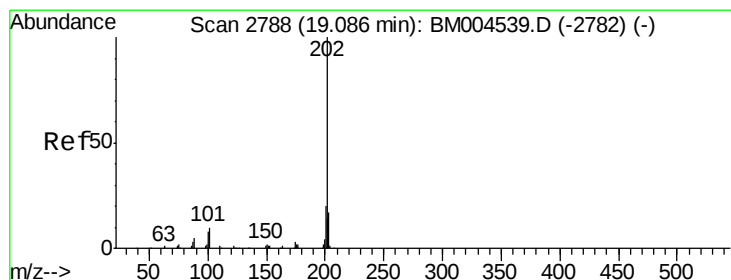
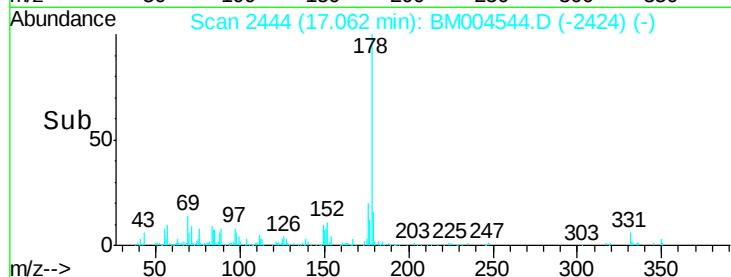
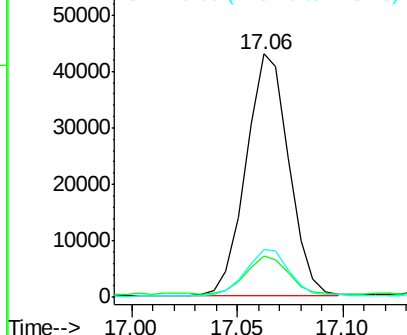
ClientSampleId :

BLDG06-P002-SS001-01

Tgt Ion:	178	Resp:	59740
Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.1	18.1
176	19.8	14.8	22.2



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



#77

Fluoranthene

Concen: 8.89 ng/ul

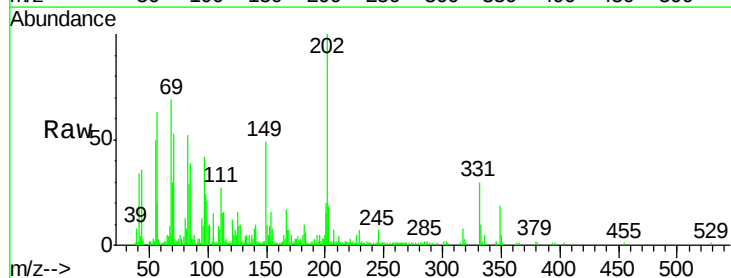
RT: 19.10 min Scan# 2790

Delta R.T. 0.01 min

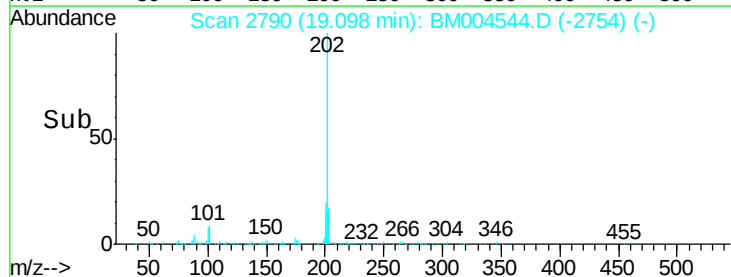
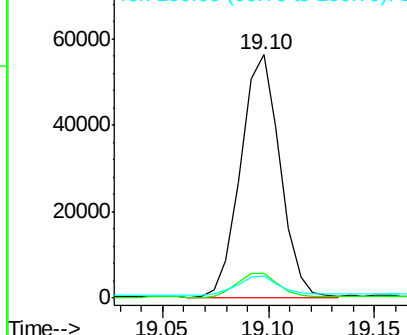
Lab File: BM004544.D

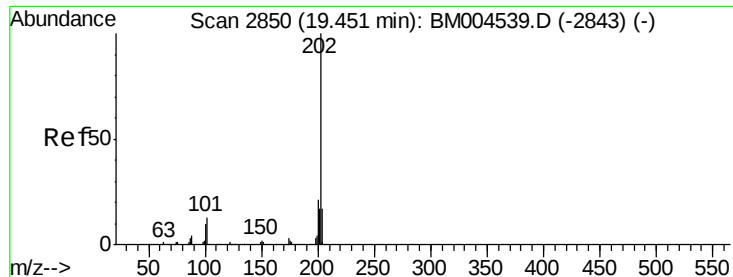
Acq: 03 Mar 2016 22:37

Tgt Ion:	202	Resp:	73501
Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.8	13.2
100	9.2	6.6	9.8



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

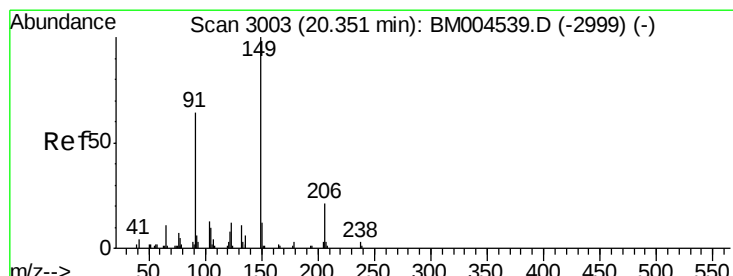
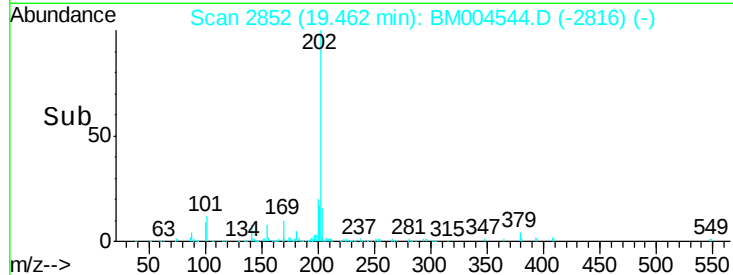
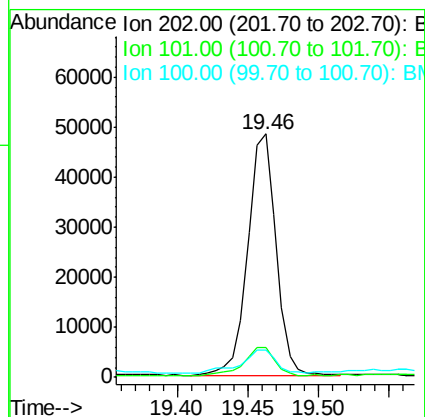
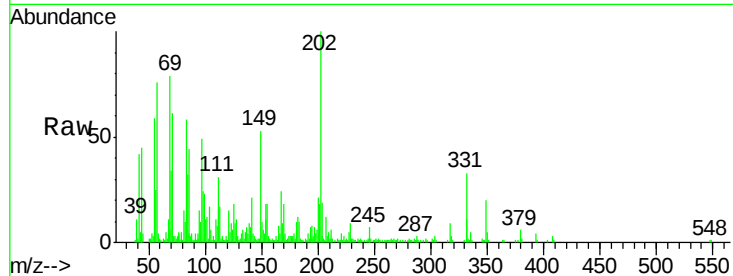




#80
 Pyrene
 Concen: 10.59 ng/ul
 RT: 19.46 min Scan# 2852
 Delta R.T. 0.01 min
 Lab File: BM004544.D
 Acq: 03 Mar 2016 22:37

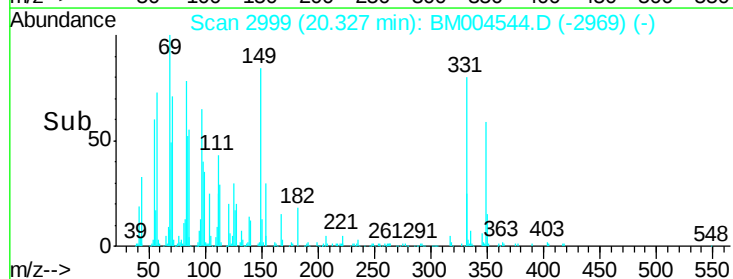
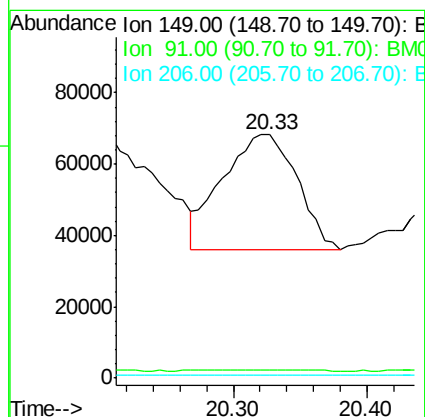
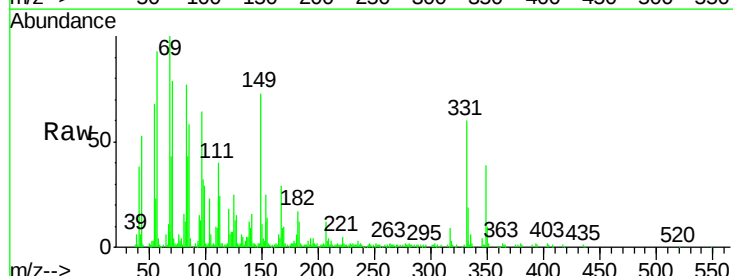
Instrument :
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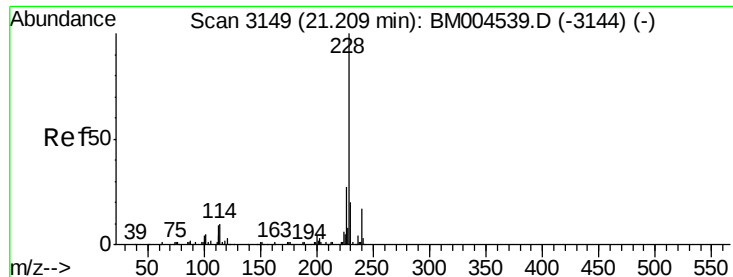
Tgt Ion:202 Resp: 67853
 Ion Ratio Lower Upper
 202 100
 101 12.4 10.2 15.2
 100 11.4 8.5 12.7



#81
 Butylbenzylphthalate
 Concen: 49.12 ng/ul
 RT: 20.33 min Scan# 2999
 Delta R.T. -0.02 min
 Lab File: BM004544.D
 Acq: 03 Mar 2016 22:37

Tgt Ion:149 Resp: 124370
 Ion Ratio Lower Upper
 149 100
 91 3.3 53.4 80.2#
 206 1.2 16.6 24.8#

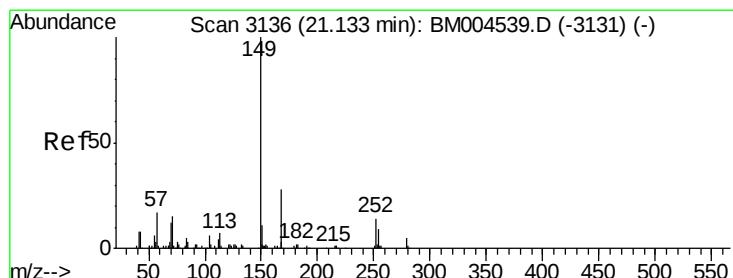
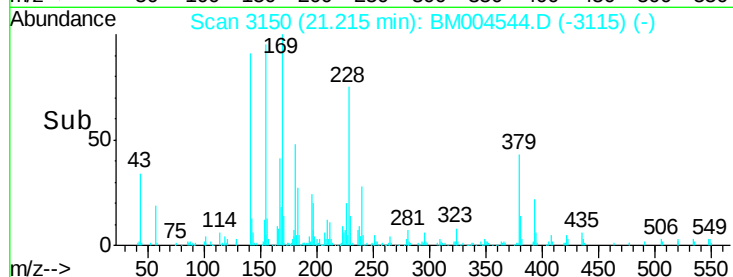
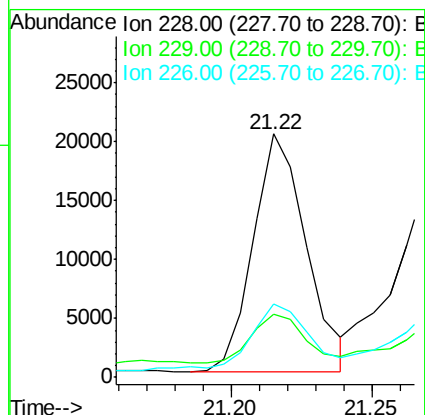
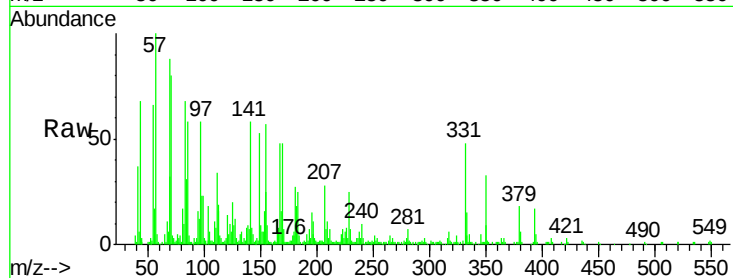




#83
Benzo(a)anthracene
Concen: 4.64 ng/ul
RT: 21.22 min Scan# 3150
Delta R.T. 0.01 min
Lab File: BM004544.D
Acq: 03 Mar 2016 22:37

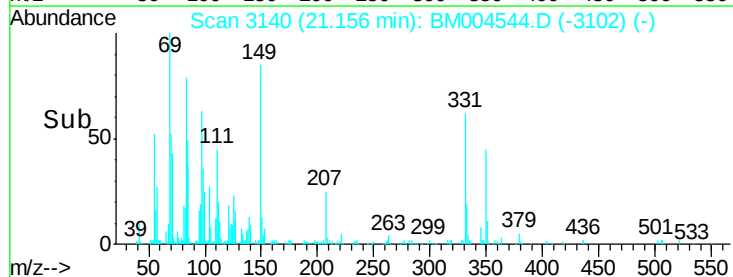
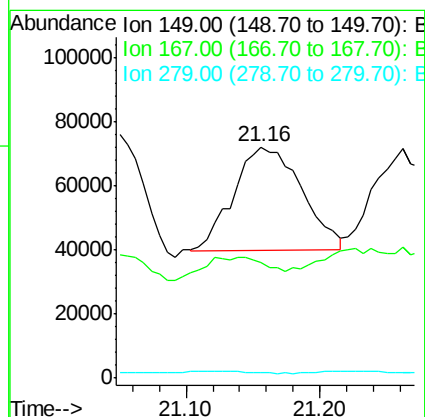
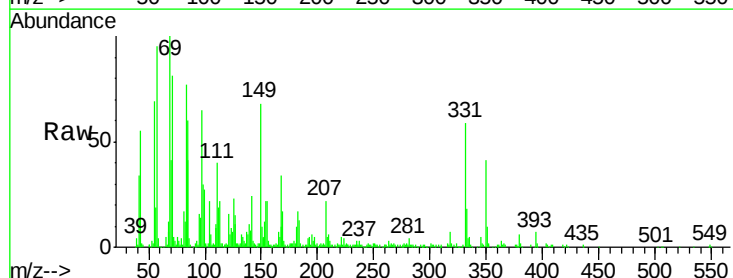
Instrument :
BNA_M
ClientSampleId :
BLDG06-P002-SS001-01

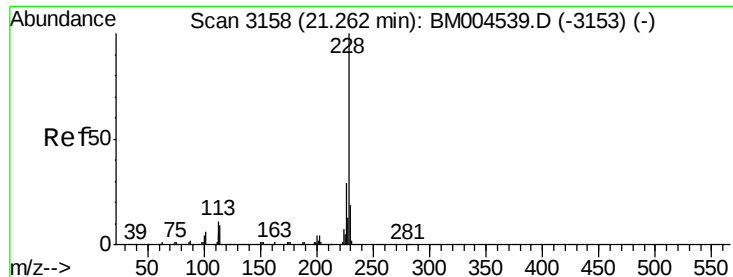
Tgt Ion: 228 Resp: 26428
Ion Ratio Lower Upper
228 100
229 26.1 15.7 23.5#
226 30.1 21.8 32.6



#84
Bis(2-ethylhexyl)phthalate
Concen: 32.24 ng/ul
RT: 21.16 min Scan# 3140
Delta R.T. 0.02 min
Lab File: BM004544.D
Acq: 03 Mar 2016 22:37

Tgt Ion: 149 Resp: 115153
Ion Ratio Lower Upper
149 100
167 50.0 21.6 32.4#
279 2.4 3.0 4.4#





#85

Chrysene

Concen: 4.27 ng/ul

RT: 21.27 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BM004544.D

Acq: 03 Mar 2016 22:37

Instrument :

BNA_M

ClientSampleId :

BLDG06-P002-SS001-01

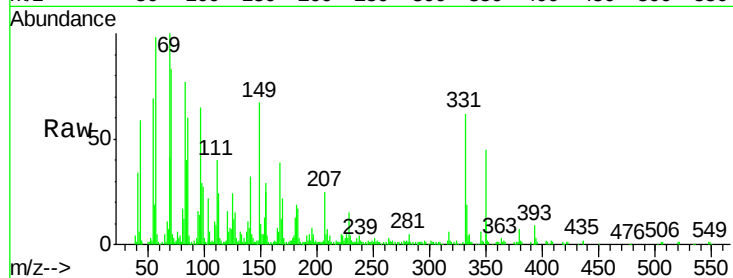
Tgt Ion:228 Resp: 23338

Ion Ratio Lower Upper

228 100

226 33.6 24.0 36.0

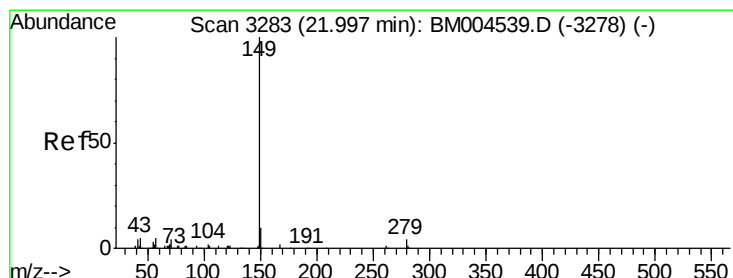
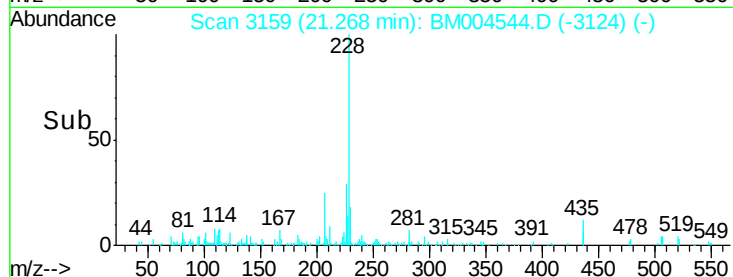
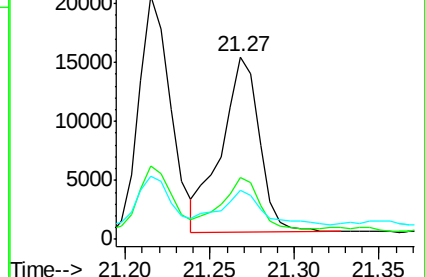
229 27.2 15.6 23.4#



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

Di-n-octyl phthalate

Concen: 51.62 ng/ul

RT: 22.01 min Scan# 3285

Delta R.T. 0.01 min

Lab File: BM004544.D

Acq: 03 Mar 2016 22:37

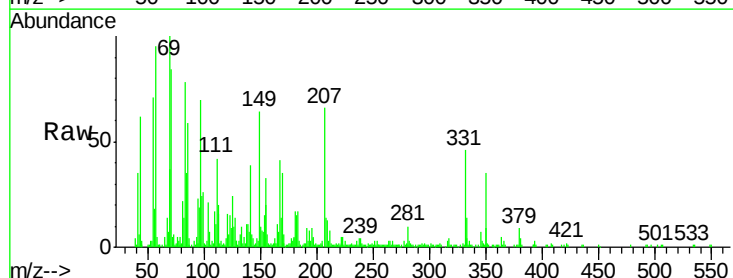
Tgt Ion:149 Resp: 62952

Ion Ratio Lower Upper

149 100

167 63.9 1.2 1.8#

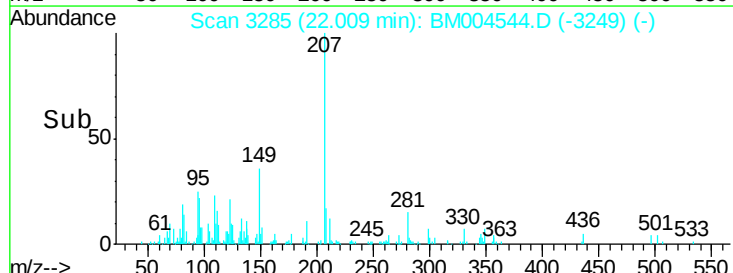
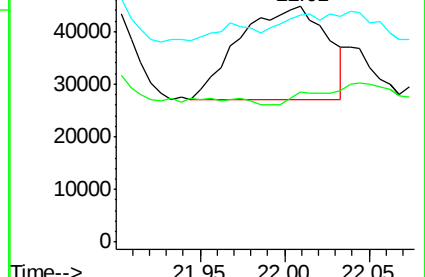
43 96.4 5.6 8.4#

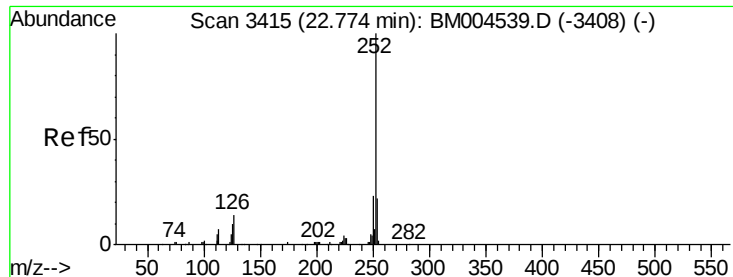


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BM





#88

Benzo(b)fluoranthene

Concen: 40.50 ng/ul

RT: 22.79 min Scan# 3418

Delta R.T. 0.02 min

Lab File: BM004544.D

Acq: 03 Mar 2016 22:37

Instrument :

BNA_M

ClientSampleId :

BLDG06-P002-SS001-01

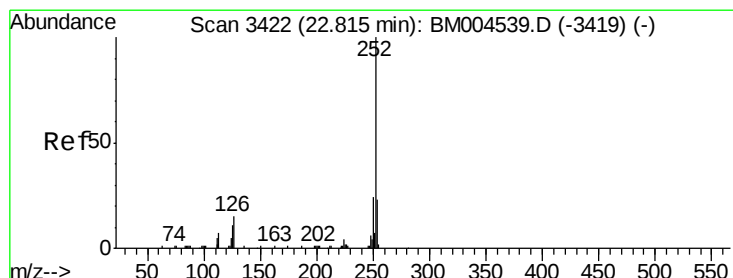
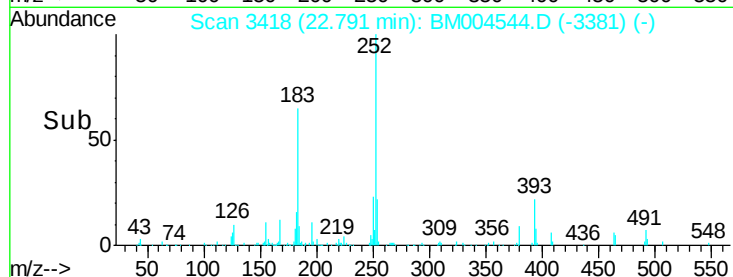
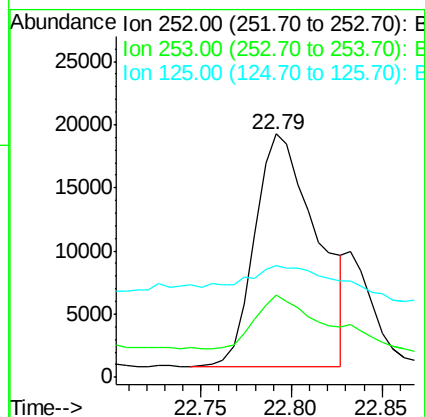
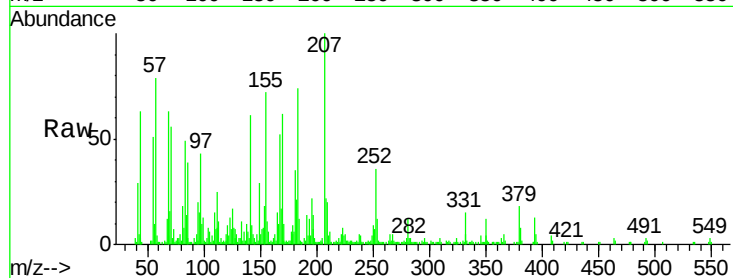
Tgt Ion:252 Resp: 43802

Ion Ratio Lower Upper

252 100

253 33.7 17.5 26.3#

125 45.8 8.5 12.7#



#89

Benzo(k)fluoranthene

Concen: 40.86 ng/ul

RT: 22.79 min Scan# 3418

Delta R.T. -0.02 min

Lab File: BM004544.D

Acq: 03 Mar 2016 22:37

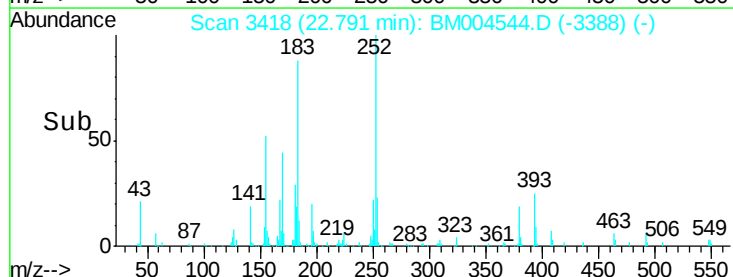
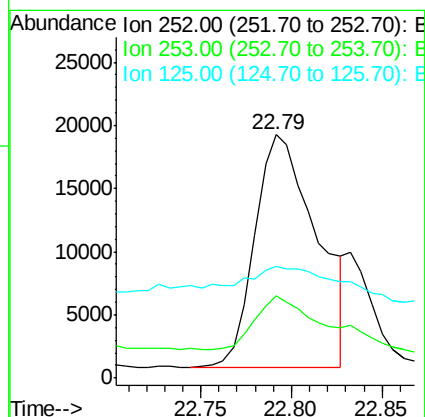
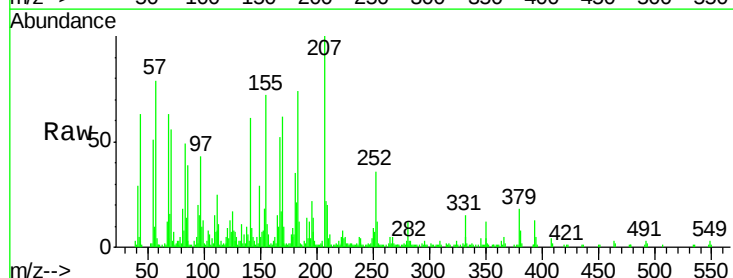
Tgt Ion:252 Resp: 43802

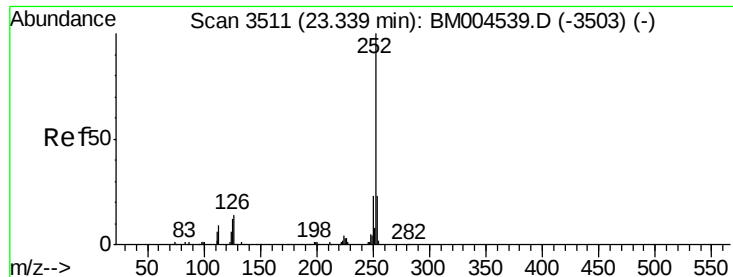
Ion Ratio Lower Upper

252 100

253 33.7 17.3 25.9#

125 45.8 8.2 12.2#





#91

Benzo(a)pyrene

Concen: 20.34 ng/ul

RT: 23.36 min Scan# 3514

Delta R.T. 0.02 min

Lab File: BM004544.D

Acq: 03 Mar 2016 22:37

Instrument :

BNA_M

ClientSampleId :

BLDG06-P002-SS001-01

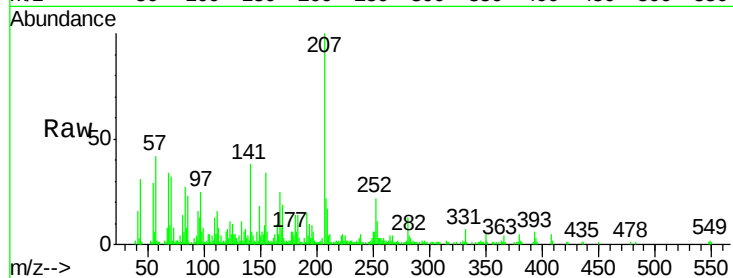
Tgt Ion:252 Resp: 20788

Ion Ratio Lower Upper

252 100

253 50.1 17.2 25.8#

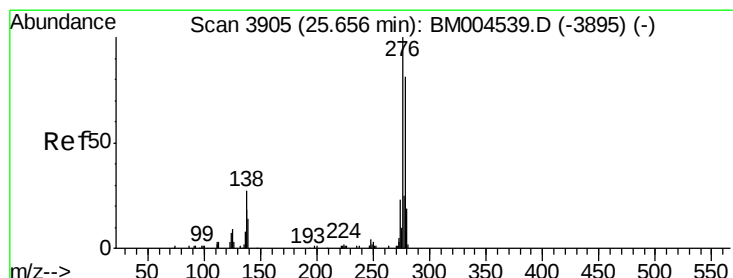
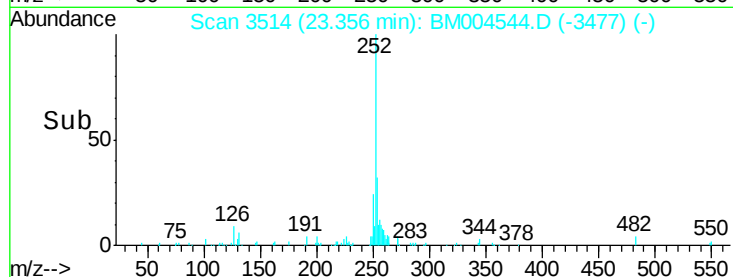
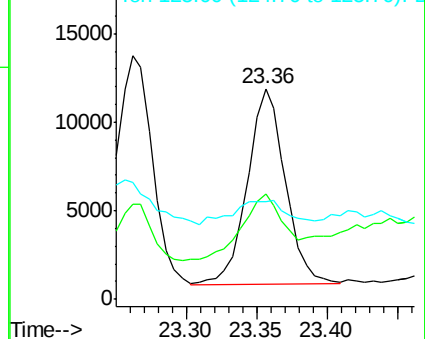
125 46.3 9.0 13.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 22.30 ng/ul

RT: 25.69 min Scan# 3910

Delta R.T. 0.03 min

Lab File: BM004544.D

Acq: 03 Mar 2016 22:37

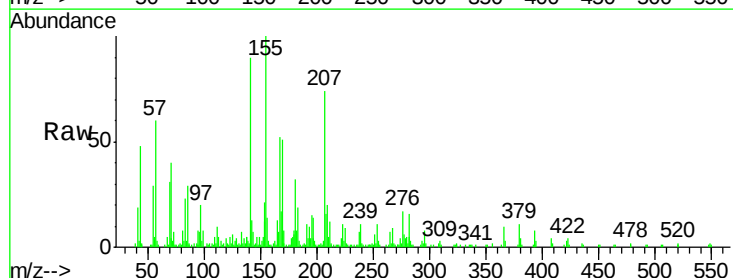
Tgt Ion:276 Resp: 22694

Ion Ratio Lower Upper

276 100

138 26.4 22.3 33.5

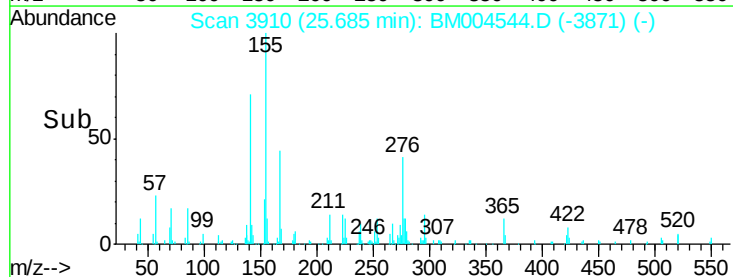
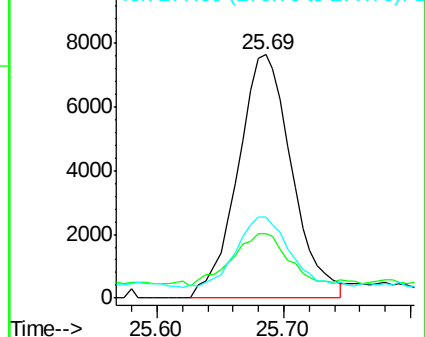
277 33.1 20.2 30.2#

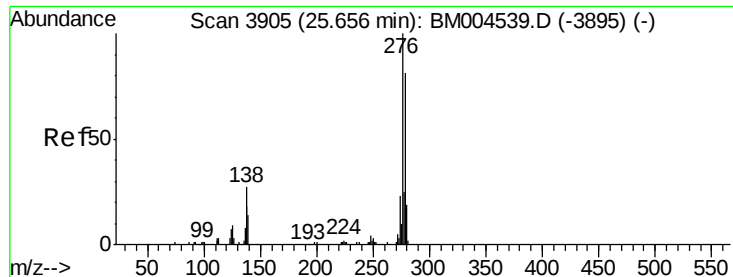


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Dibenzo(a,h)anthracene

Concen: 3.27 ng/ul

RT: 25.67 min Scan# 3907

Delta R.T. 0.01 min

Lab File: BM004544.D

Acq: 03 Mar 2016 22:37

Instrument :

BNA_M

ClientSampleId :

BLDG06-P002-SS001-01

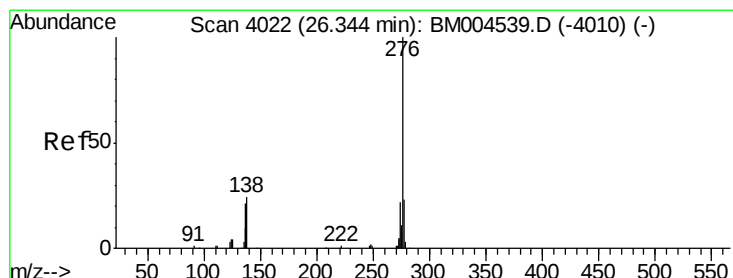
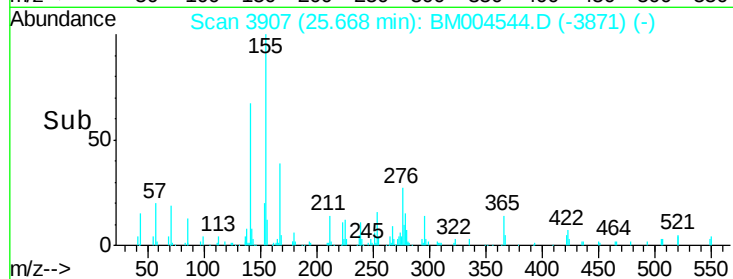
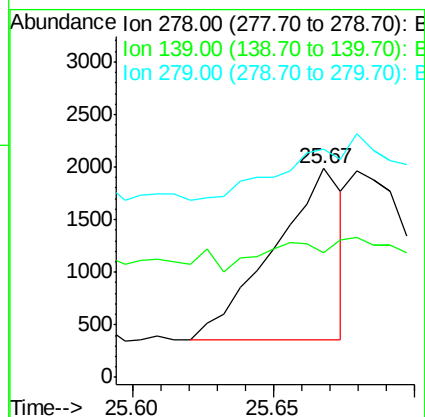
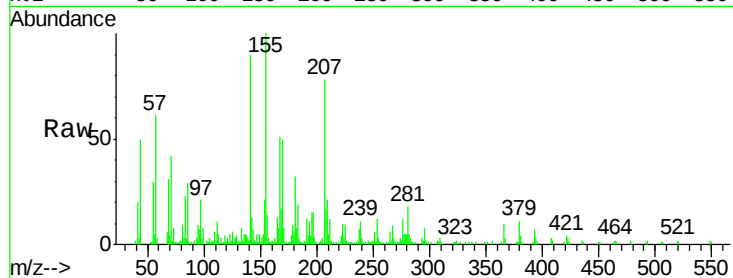
Tgt Ion:278 Resp: 2754

Ion Ratio Lower Upper

278 100

139 59.9 13.9 20.9#

279 109.6 19.0 28.4#



#94

Benzo(g,h,i)perylene

Concen: 24.58 ng/ul

RT: 26.37 min Scan# 4026

Delta R.T. 0.02 min

Lab File: BM004544.D

Acq: 03 Mar 2016 22:37

Tgt Ion:276 Resp: 21064

Ion Ratio Lower Upper

276 100

138 26.0 18.9 28.3

277 33.5 19.2 28.8#

