

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004554.D
 Acq On : 04 Mar 2016 04:36
 Operator : SJ/UM
 Sample : H1616-15
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P010-SS004-01

Quant Time: Mar 04 06:55:46 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	7.59	152	38944	20.00	ng/ul	0.00
18) Naphthalene-d8	10.37	136	181398	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	102342	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	185977	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	136342	20.00	ng/ul	0.01
86) Perylene-d12	23.45	264	139088	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	1950	2.69	ng/uL	0.00
5) Phenol-d5	6.85	99	55115	17.56	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	6.93	67	27208	17.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.16	132	52412	18.73	ng/ul	0.03
13) 4-Methylphenol-d8	8.37	113	37725	13.64	ng/ul	0.05
19) Nitrobenzene-d5	8.76	128	26115	19.26	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	30981	19.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	52727	18.78	ng/ul	0.06
29) 4-Chloroaniline-d4	10.54	131	24223	7.01	ng/ul	0.01
44) Dimethylphthalate-d6	13.67	166	170475	20.03	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	209167	20.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.68	143	4982	3.97	ng/ul	0.17
58) Fluorene-d10	15.26	176	143528	19.44	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	16245	13.45	ng/ul	0.00
71) Anthracene-d10	17.12	188	184441	20.27	ng/ul	0.00
79) Pyrene-d10	19.43	212	158989	21.68	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.32	264	147119	19.88	ng/ul	0.02

Target Compounds

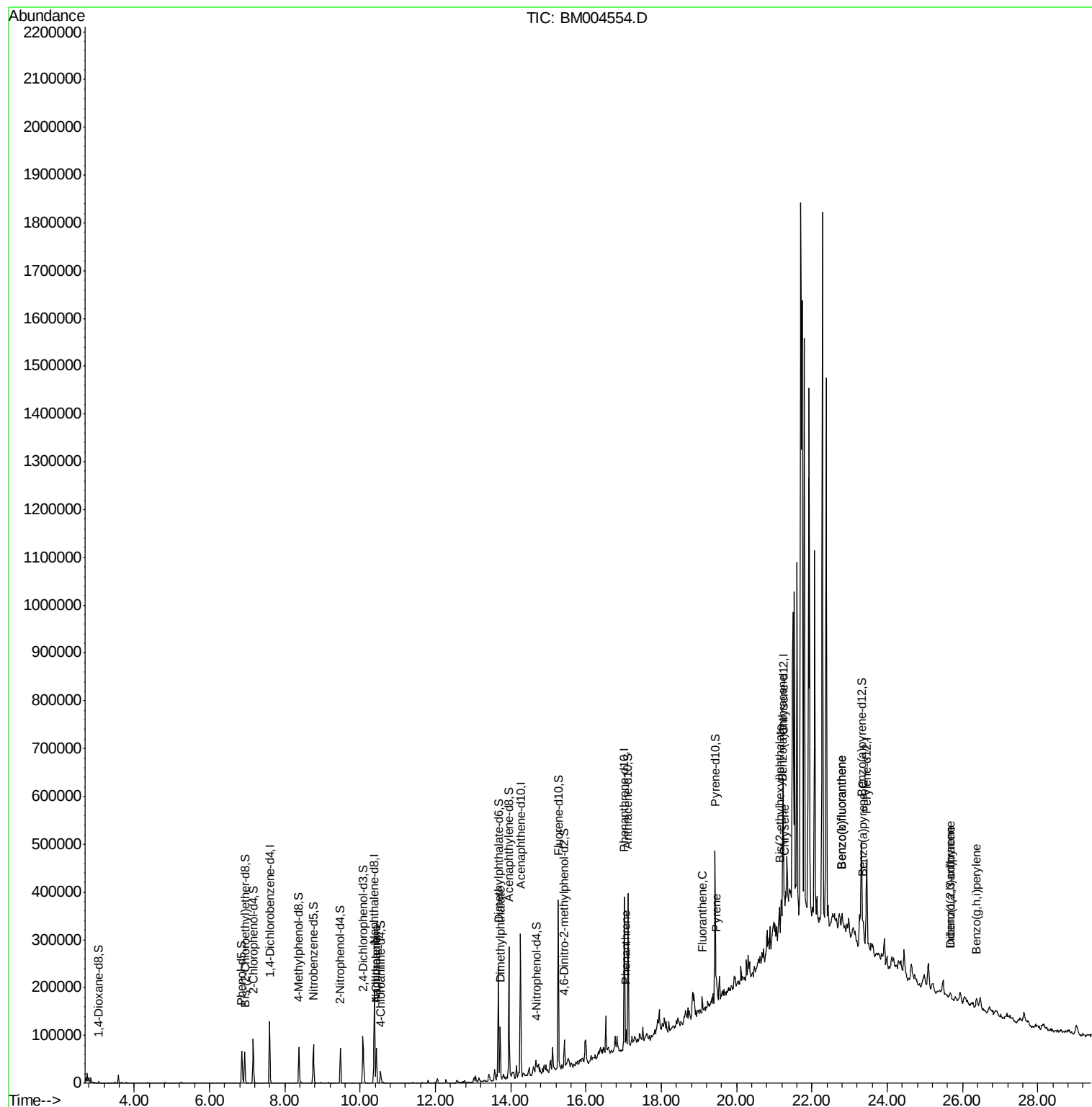
						Qvalue
28) Naphthalene	10.43	128	66025	6.62	ng/ul	100
30) 4-Chloroaniline	10.43	127	8637	2.35	ng/ul#	3
45) Dimethylphthalate	13.72	163	76375	8.53	ng/ul	99
70) Phenanthrene	17.06	178	21457	1.93	ng/ul#	95
77) Fluoranthene	19.09	202	16980	1.41	ng/ul	99
80) Pyrene	19.46	202	32423	3.28	ng/ul	99
83) Benzo(a)anthracene	21.22	228	17081	1.94	ng/ul#	66
84) Bis(2-ethylhexyl)phthalate	21.13	149	10180	1.85	ng/ul#	74
85) Chrysene	21.27	228	15797	1.87	ng/ul#	77
88) Benzo(b)fluoranthene	22.79	252	19533	2.11	ng/ul#	70
89) Benzo(k)fluoranthene	22.79	252	19533	2.13	ng/ul#	69
91) Benzo(a)pyrene	23.36	252	21344	2.44	ng/ul#	76
92) Indeno(1,2,3-cd)pyrene	25.69	276	10874	1.25	ng/ul#	88
93) Dibenzo(a,h)anthracene	25.66	278	7462	1.03	ng/ul#	27
94) Benzo(g,h,i)perylene	26.37	276	23477	3.20	ng/ul#	89

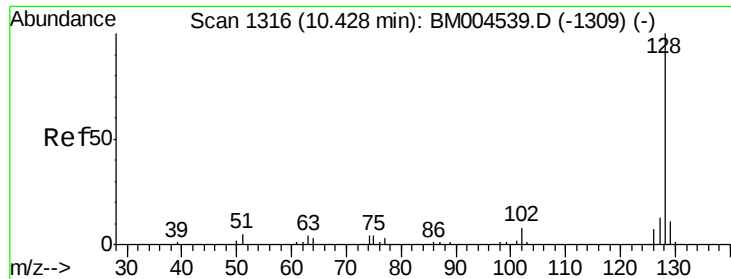
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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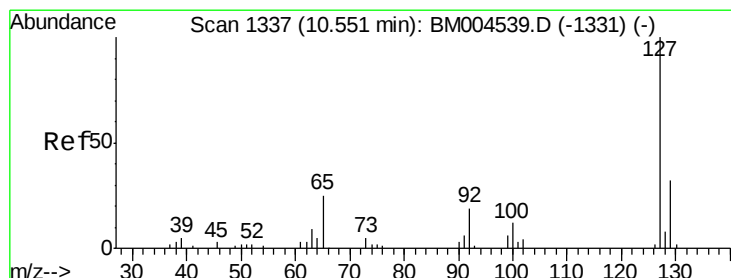
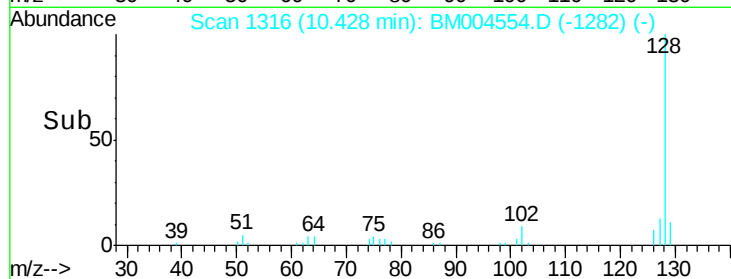
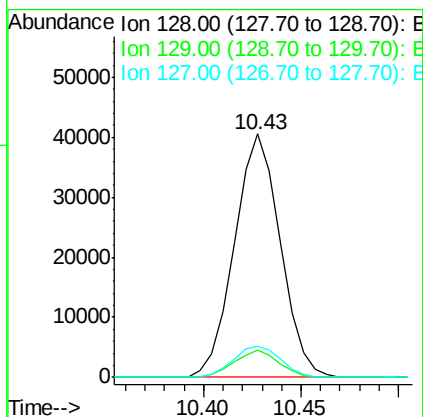
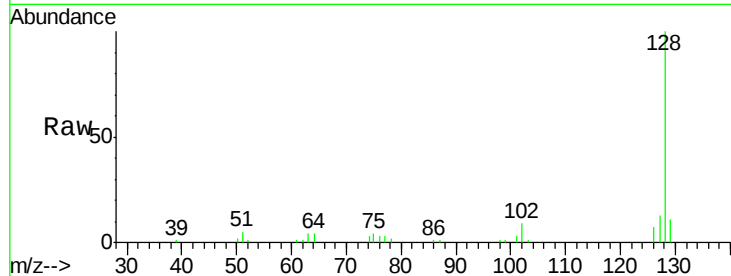




#28
Naphthalene
Concen: 6.62 ng/ul
RT: 10.43 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM004554.D
Acq: 04 Mar 2016 04:36

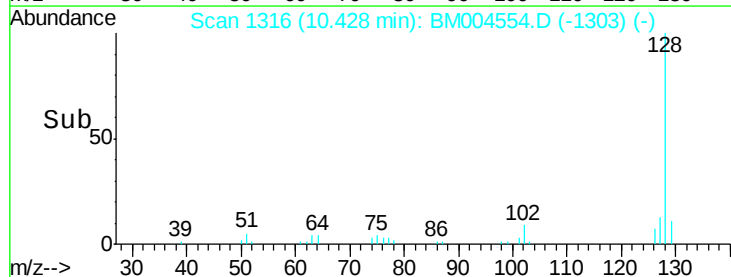
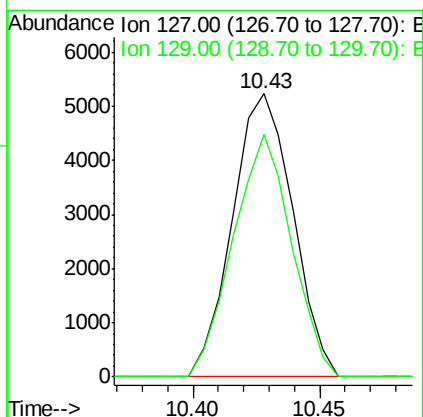
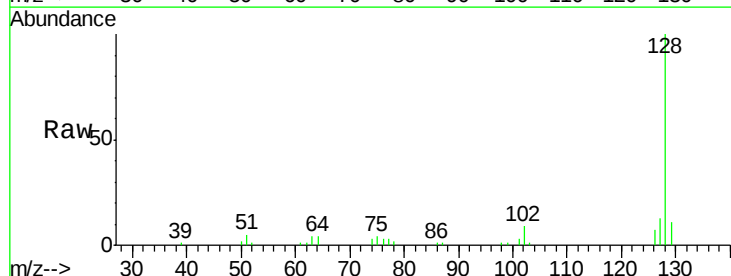
Instrument :
BNA_M
ClientSampleId :
P010-SS004-01

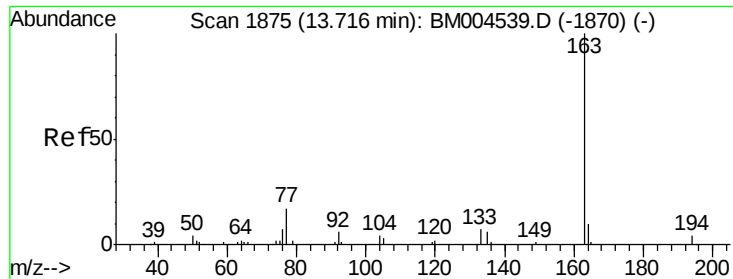
Tgt Ion:128 Resp: 66025
Ion Ratio Lower Upper
128 100
129 11.1 8.8 13.2
127 12.9 10.5 15.7



#30
4-Chloroaniline
Concen: 2.35 ng/ul
RT: 10.43 min Scan# 1316
Delta R.T. -0.12 min
Lab File: BM004554.D
Acq: 04 Mar 2016 04:36

Tgt Ion:127 Resp: 8637
Ion Ratio Lower Upper
127 100
129 85.9 25.4 38.2#

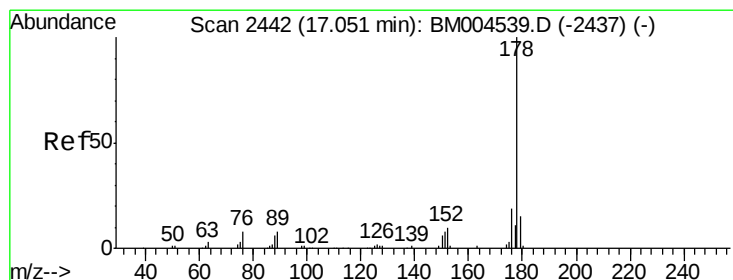
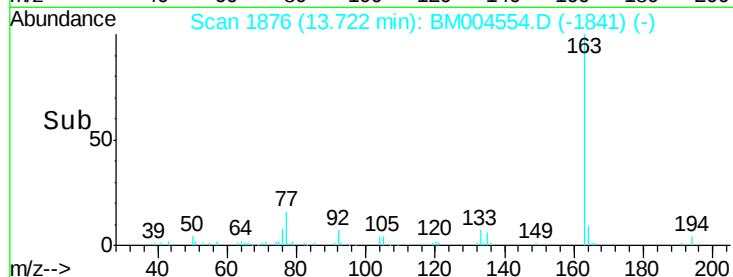
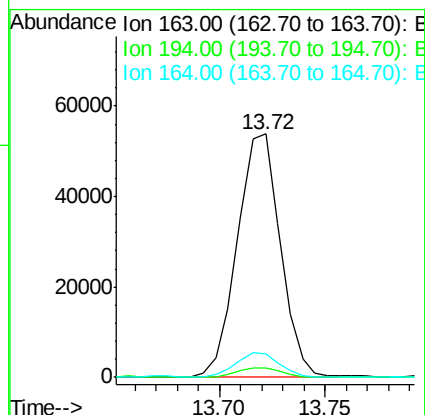
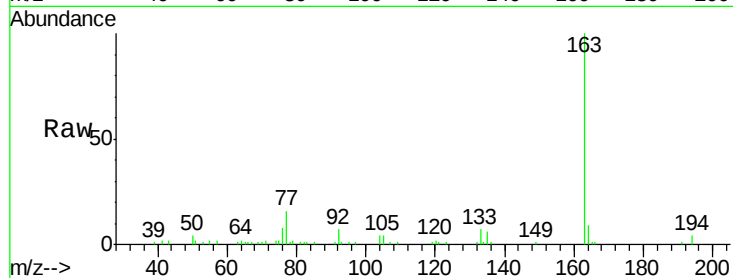




#45
Dimethylphthalate
Concen: 8.53 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM004554.D
Acq: 04 Mar 2016 04:36

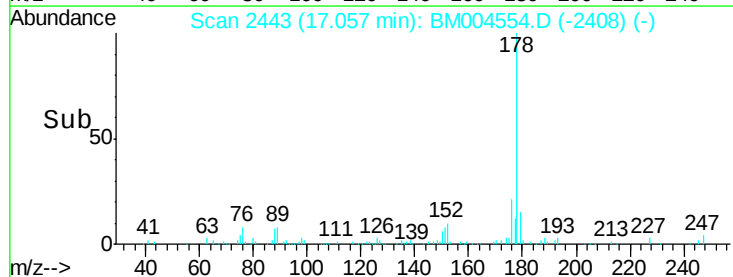
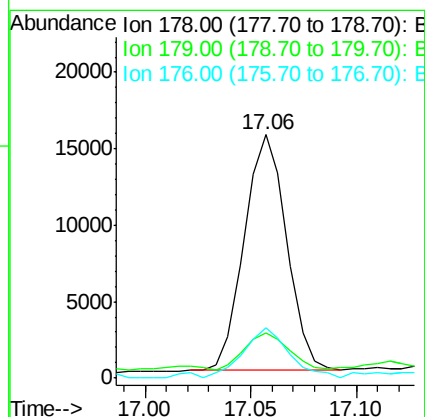
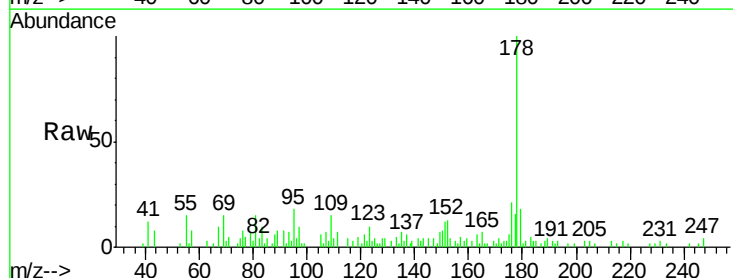
Instrument :
BNA_M
ClientSampleId :
P010-SS004-01

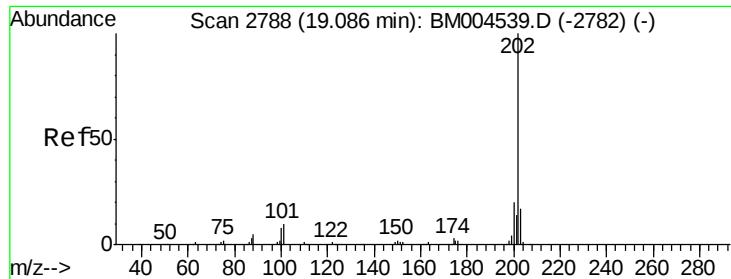
Tgt Ion:163 Resp: 76375
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 9.5 7.8 11.8



#70
Phenanthrene
Concen: 1.93 ng/ul
RT: 17.06 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BM004554.D
Acq: 04 Mar 2016 04:36

Tgt Ion:178 Resp: 21457
Ion Ratio Lower Upper
178 100
179 18.4 12.2 18.4#
176 20.7 15.6 23.4





#77

Fluoranthene

Concen: 1.41 ng/ul

RT: 19.09 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BM004554.D

Acq: 04 Mar 2016 04:36

Instrument :

BNA_M

ClientSampleId :

P010-SS004-01

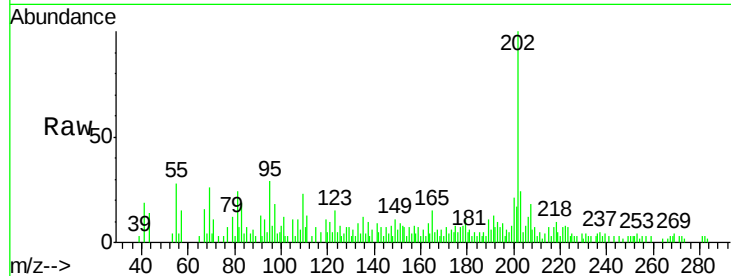
Tgt Ion:202 Resp: 16980

Ion Ratio Lower Upper

202 100

101 11.8 8.8 13.2

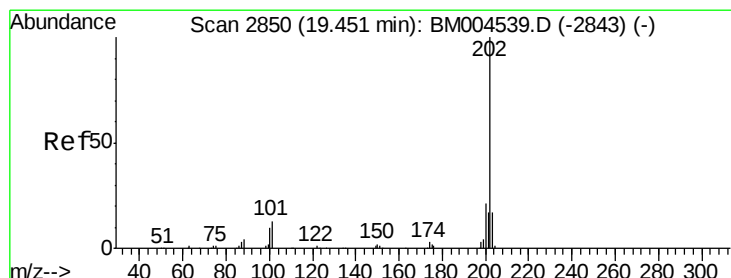
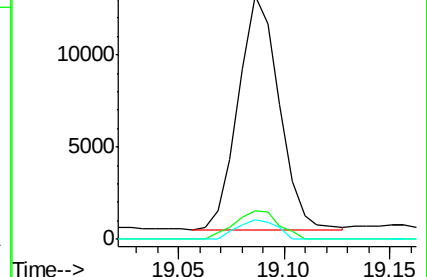
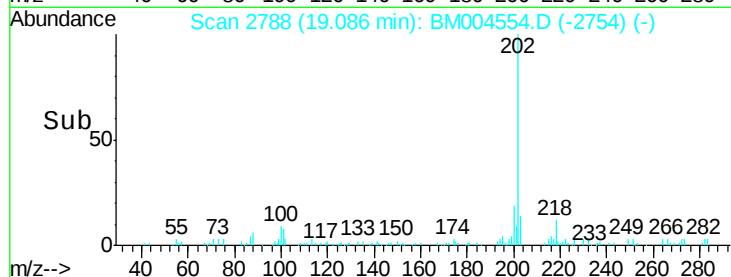
100 8.0 6.6 9.8



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: 3.28 ng/ul

RT: 19.46 min Scan# 2851

Delta R.T. 0.01 min

Lab File: BM004554.D

Acq: 04 Mar 2016 04:36

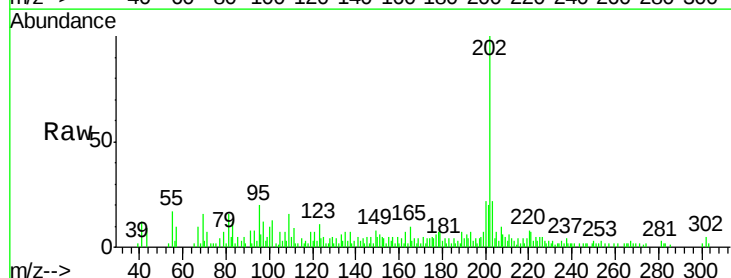
Tgt Ion:202 Resp: 32423

Ion Ratio Lower Upper

202 100

101 12.6 10.2 15.2

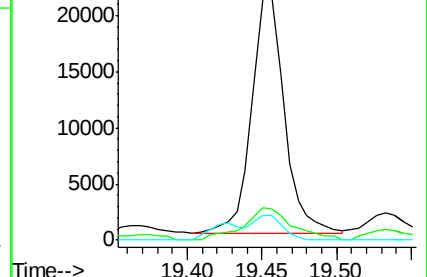
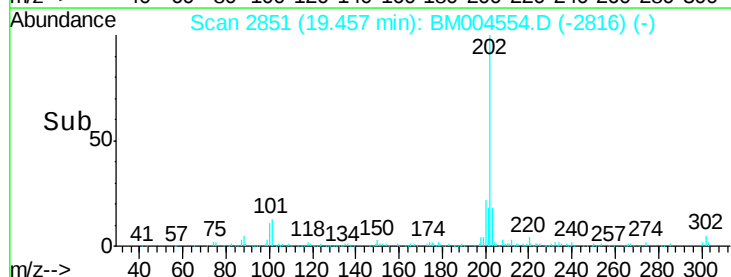
100 10.1 8.5 12.7

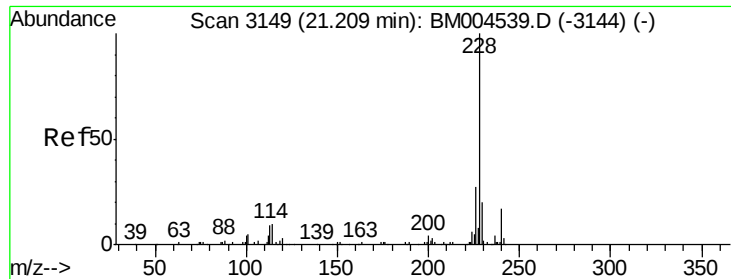


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.94 ng/ul

RT: 21.22 min Scan# 3150

Delta R.T. 0.01 min

Lab File: BM004554.D

Acq: 04 Mar 2016 04:36

Instrument :

BNA_M

ClientSampleId :

P010-SS004-01

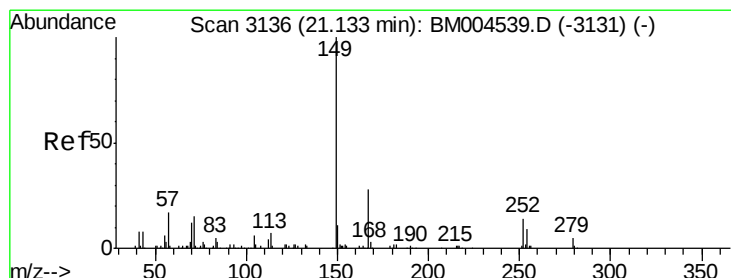
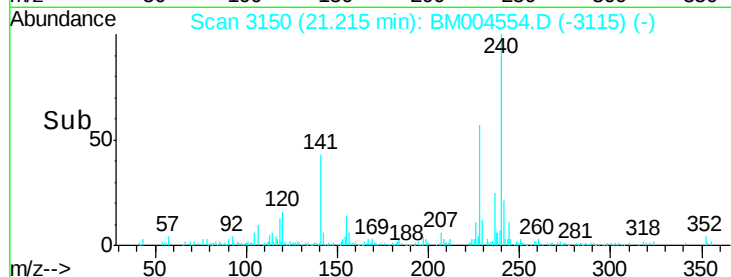
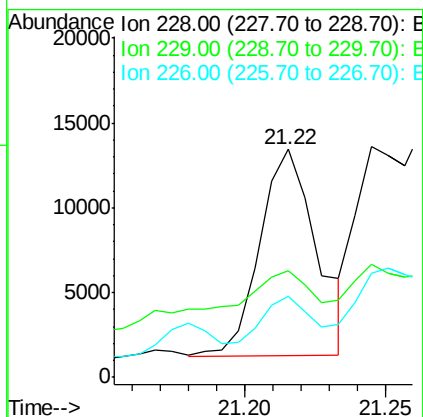
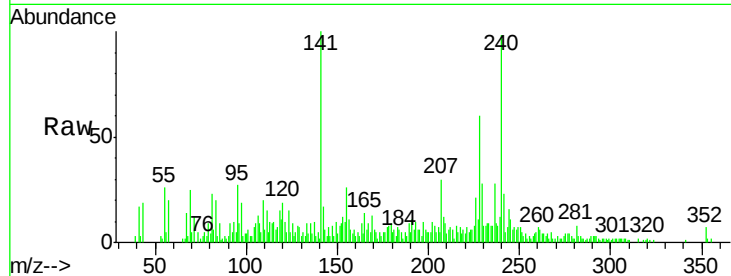
Tgt Ion:228 Resp: 17081

Ion Ratio Lower Upper

228 100

229 46.6 15.7 23.5#

226 35.4 21.8 32.6#



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.85 ng/ul

RT: 21.13 min Scan# 3136

Delta R.T. 0.00 min

Lab File: BM004554.D

Acq: 04 Mar 2016 04:36

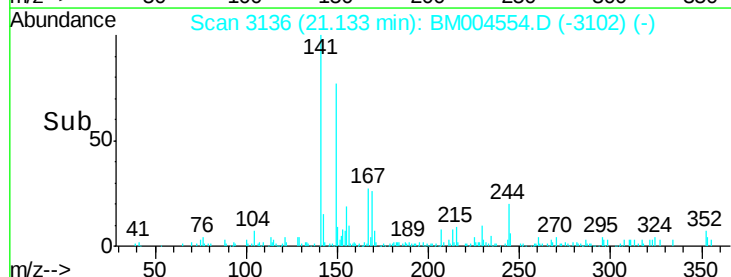
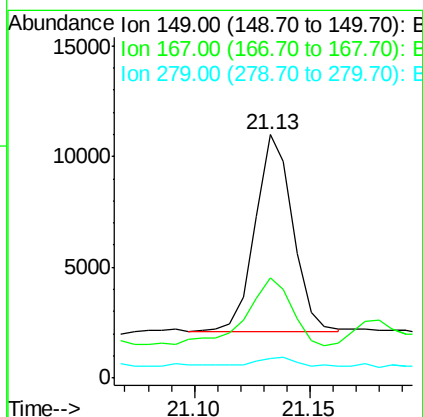
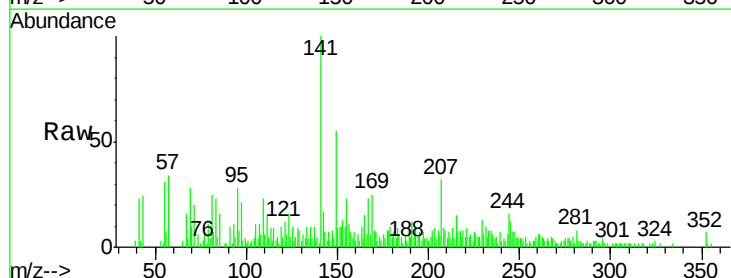
Tgt Ion:149 Resp: 10180

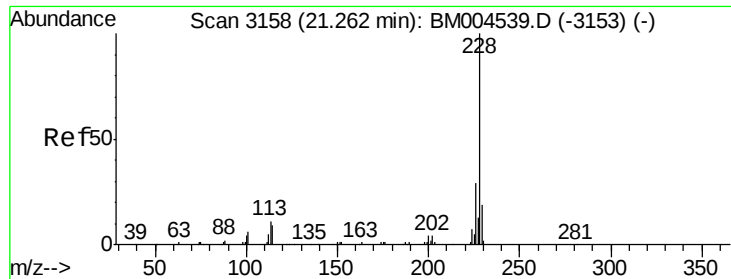
Ion Ratio Lower Upper

149 100

167 41.2 21.6 32.4#

279 8.2 3.0 4.4#





#85

Chrysene

Concen: 1.87 ng/ul

RT: 21.27 min Scan# 3159

Delta R.T. 0.01 min

Lab File: BM004554.D

Acq: 04 Mar 2016 04:36

Instrument :

BNA_M

ClientSampleId :

P010-SS004-01

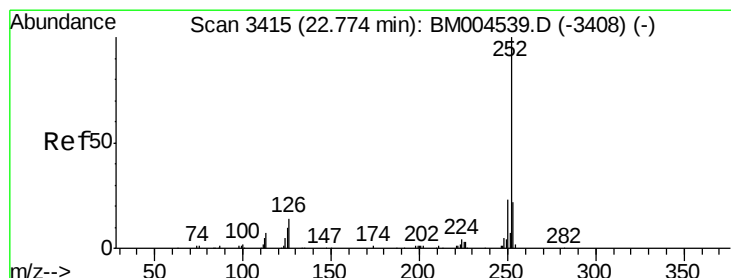
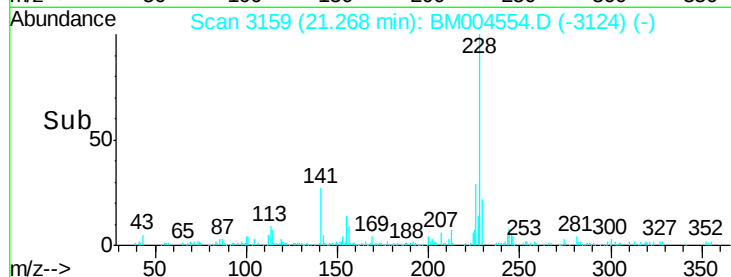
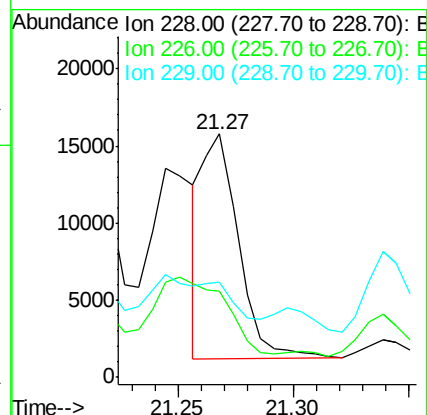
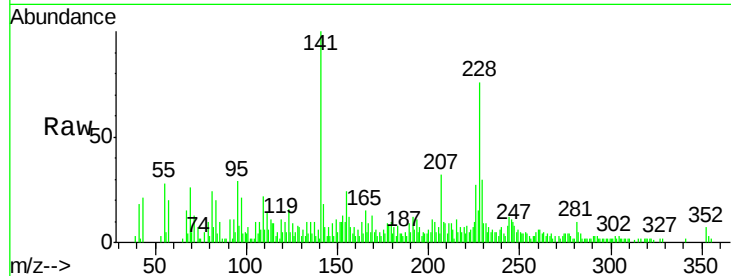
Tgt Ion:228 Resp: 15797

Ion Ratio Lower Upper

228 100

226 35.2 24.0 36.0

229 39.0 15.6 23.4#



#88

Benzo(b)fluoranthene

Concen: 2.11 ng/ul

RT: 22.79 min Scan# 3418

Delta R.T. 0.02 min

Lab File: BM004554.D

Acq: 04 Mar 2016 04:36

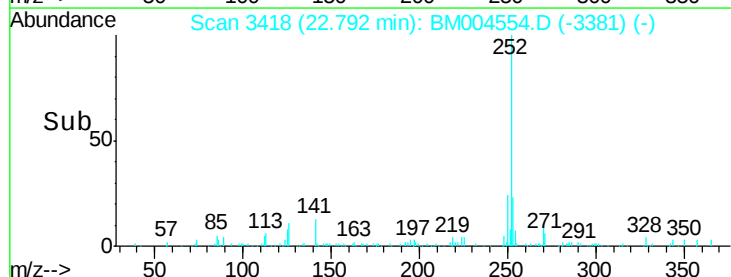
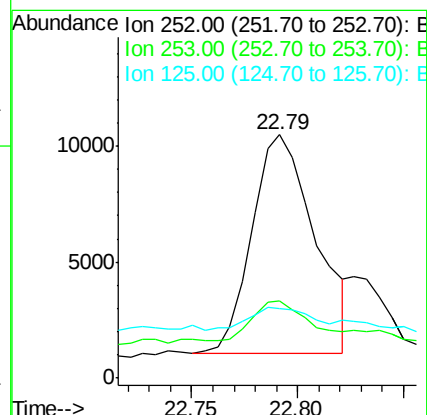
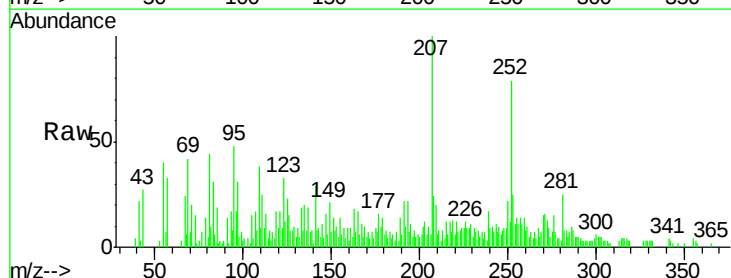
Tgt Ion:252 Resp: 19533

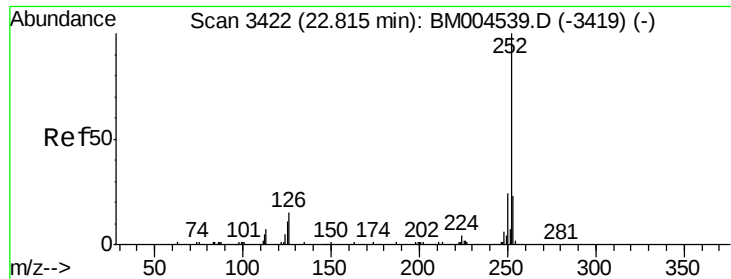
Ion Ratio Lower Upper

252 100

253 31.9 17.5 26.3#

125 28.7 8.5 12.7#





#89

Benzo(k)fluoranthene

Concen: 2.13 ng/ul

RT: 22.79 min Scan# 3418

Delta R.T. -0.02 min

Lab File: BM004554.D

Acq: 04 Mar 2016 04:36

Instrument :

BNA_M

ClientSampleId :

P010-SS004-01

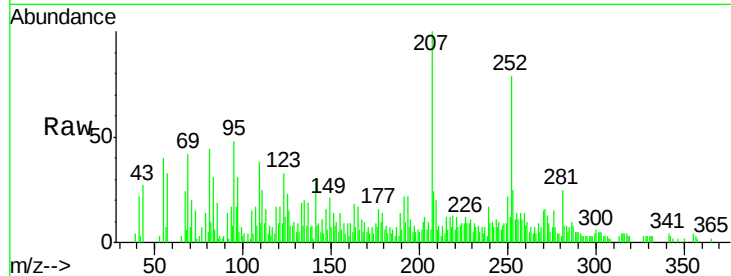
Tgt Ion:252 Resp: 19533

Ion Ratio Lower Upper

252 100

253 31.9 17.3 25.9#

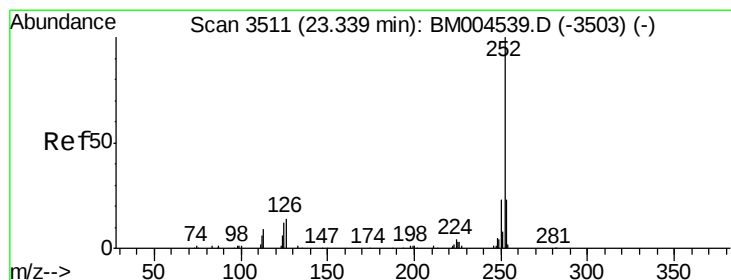
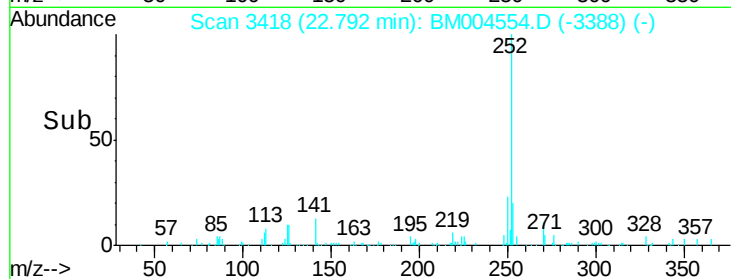
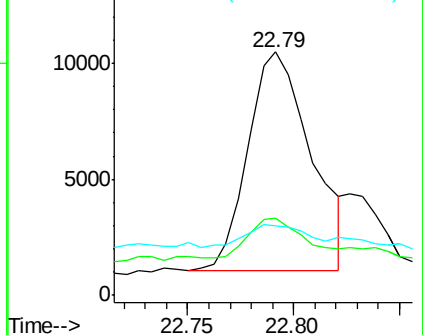
125 28.7 8.2 12.2#



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



#91

Benzo(a)pyrene

Concen: 2.44 ng/ul

RT: 23.36 min Scan# 3514

Delta R.T. 0.02 min

Lab File: BM004554.D

Acq: 04 Mar 2016 04:36

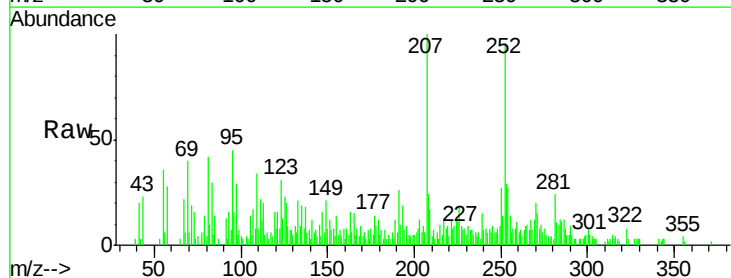
Tgt Ion:252 Resp: 21344

Ion Ratio Lower Upper

252 100

253 30.2 17.2 25.8#

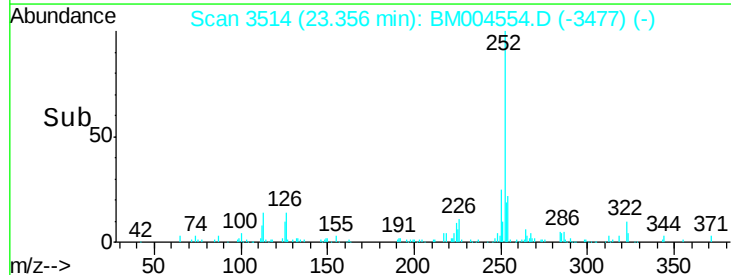
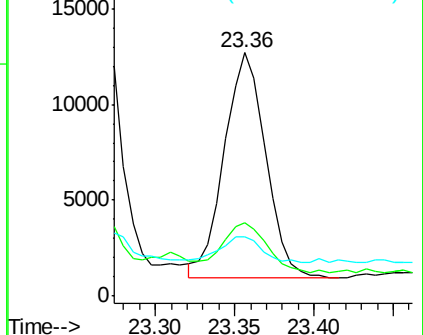
125 24.5 9.0 13.6#

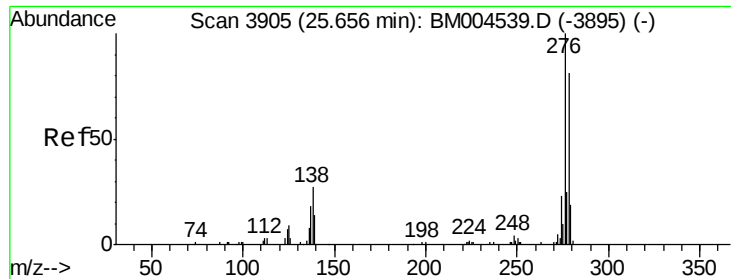


Abundance Ion 252.00 (251.70 to 252.70): E

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: 1.25 ng/ul

RT: 25.69 min Scan# 3910

Delta R.T. 0.03 min

Lab File: BM004554.D

Acq: 04 Mar 2016 04:36

Instrument :

BNA_M

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P010-SS004-01

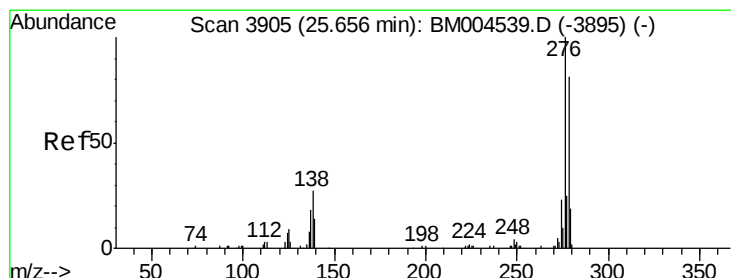
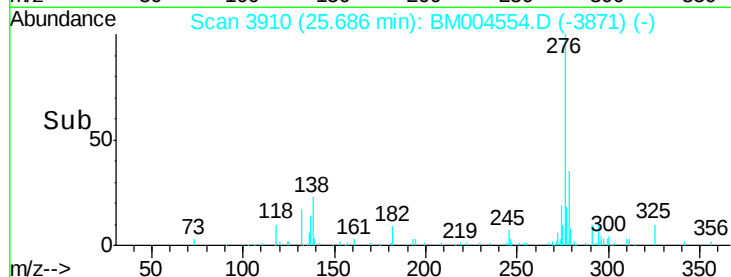
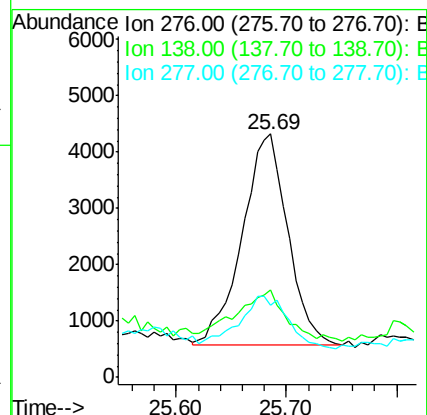
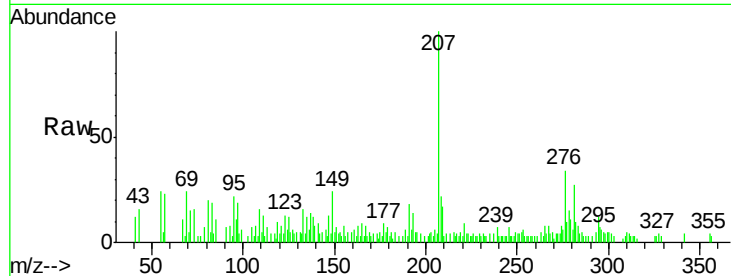
Tgt Ion:276 Resp: 10874

Ion Ratio Lower Upper

276 100

138 35.8 22.3 33.5#

277 29.6 20.2 30.2



#93

Dibenzo(a,h)anthracene

Concen: 1.03 ng/ul

RT: 25.66 min Scan# 3906

Delta R.T. 0.01 min

Lab File: BM004554.D

Acq: 04 Mar 2016 04:36

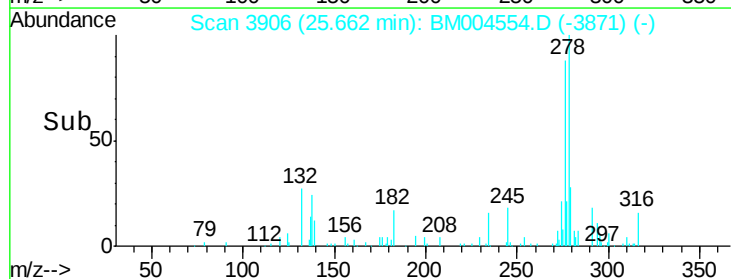
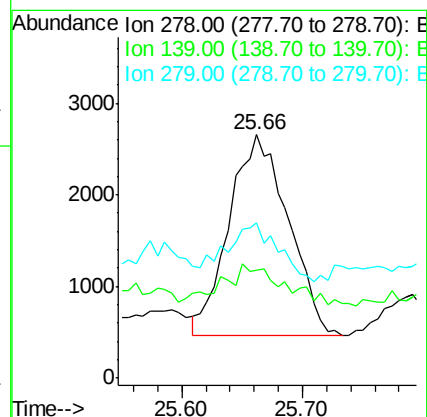
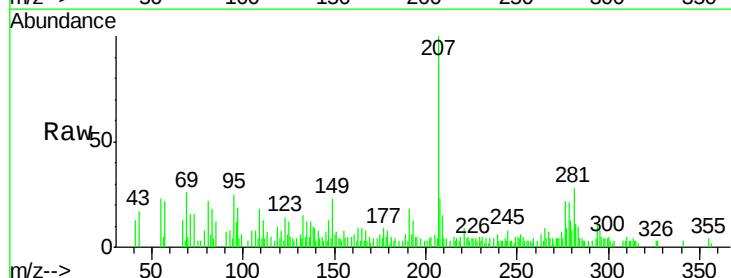
Tgt Ion:278 Resp: 7462

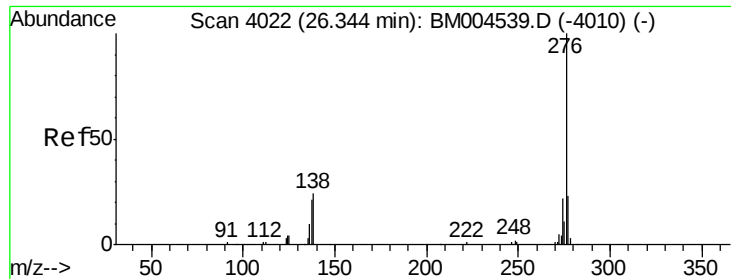
Ion Ratio Lower Upper

278 100

139 44.5 13.9 20.9#

279 63.5 19.0 28.4#





#94

Benzo(g,h,i)perylene

Concen: 3.20 ng/ul

RT: 26.37 min Scan# 4026

Delta R.T. 0.02 min

Lab File: BM004554.D

Acq: 04 Mar 2016 04:36

Instrument :

BNA_M

ClientSampleId :

P010-SS004-01

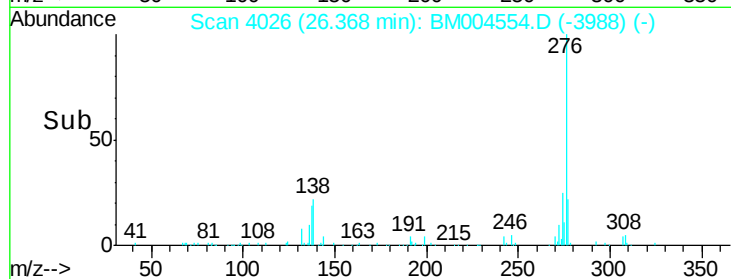
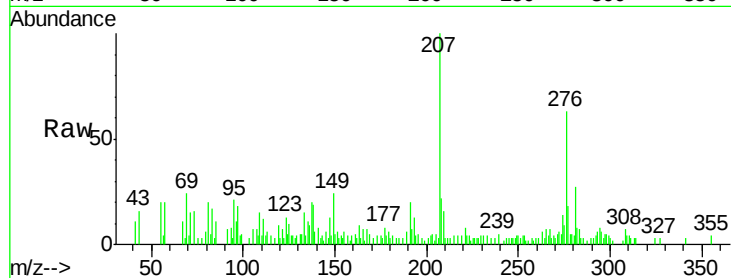
Tgt Ion: 276 Resp: 23477

Ion Ratio Lower Upper

276 100

138 30.6 18.9 28.3#

277 27.8 19.2 28.8



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

