

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM030316\
 Data File : BM004550.D
 Acq On : 04 Mar 2016 02:13
 Operator : SJ/UM
 Sample : H1616-11
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 P009-SS004-01

Quant Time: Mar 04 04:34:41 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	34777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.38	136	171005	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.26	164	104694	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	225013	20.00	ng/ul	0.00
78) Chrysene-d12	21.23	240	161902	20.00	ng/ul	0.00
86) Perylene-d12	23.44	264	139222	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.05	96	2218	3.43	ng/uL	0.00
5) Phenol-d5	6.85	99	62930	22.46	ng/ul	0.06
7) Bis-(2-Chloroethyl)ether-d	6.93	67	29500	20.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.15	132	57288	22.93	ng/ul	0.02
13) 4-Methylphenol-d8	8.36	113	53456	21.64	ng/ul	0.04
19) Nitrobenzene-d5	8.76	128	29776	23.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.47	143	35289	24.12	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.07	165	62814	23.73	ng/ul	0.05
29) 4-Chloroaniline-d4	10.53	131	49791	15.29	ng/ul	0.00
44) Dimethylphthalate-d6	13.67	166	202415	23.24	ng/ul	0.00
47) Acenaphthylene-d8	13.95	160	250462	23.79	ng/ul	0.00
52) 4-Nitrophenol-d4	14.65	143	12444	9.69	ng/ul	0.14
58) Fluorene-d10	15.26	176	177290	23.47	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	27333	18.71	ng/ul	0.00
71) Anthracene-d10	17.12	188	259164	23.54	ng/ul	0.00
79) Pyrene-d10	19.42	212	245740	28.22	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.30	264	175786	23.73	ng/ul	0.01

Target Compounds

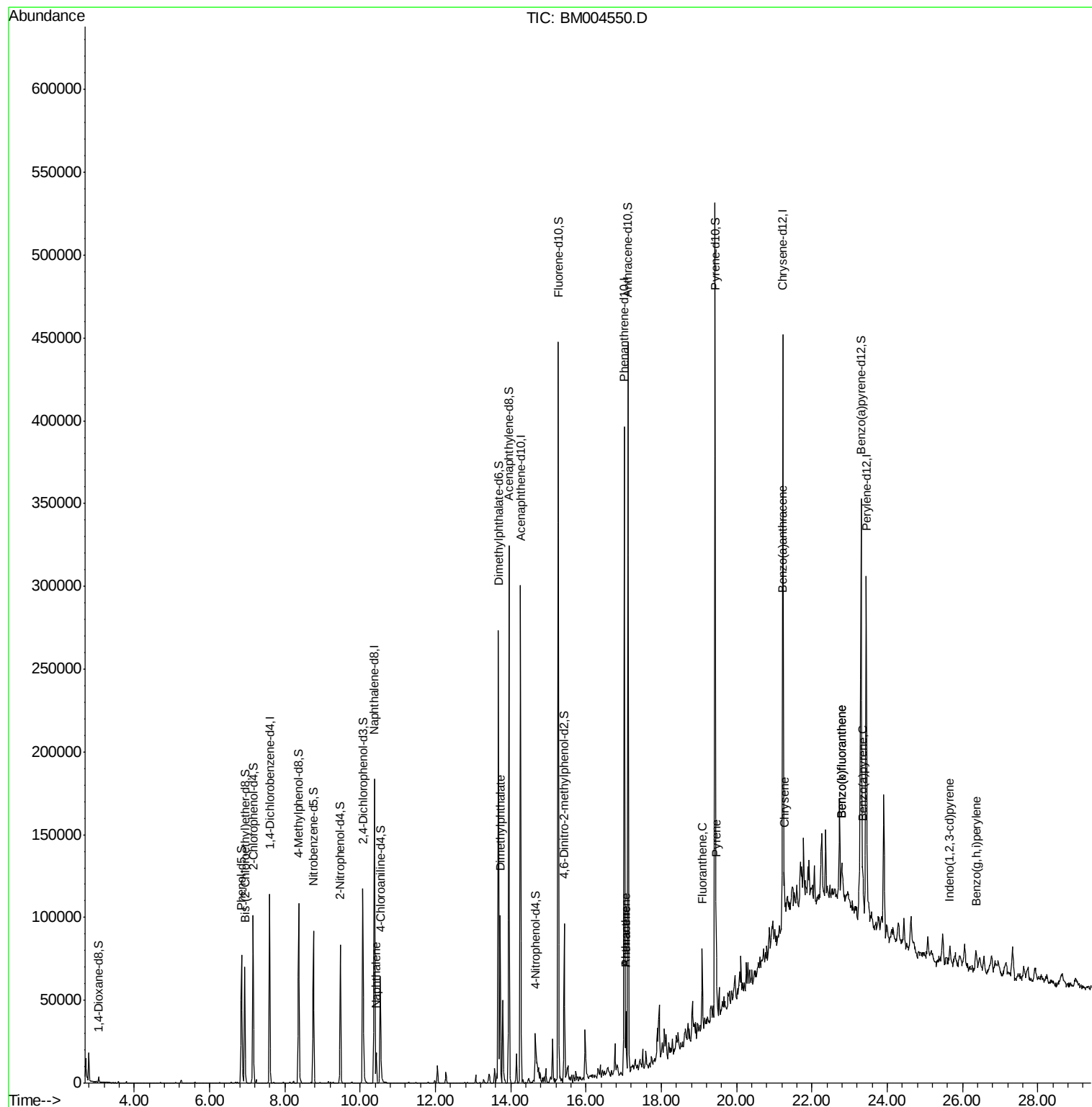
						Qvalue
28) Naphthalene	10.43	128	17767	1.89	ng/ul	97
45) Dimethylphthalate	13.72	163	72123	7.88	ng/ul	99
70) Phenanthrene	17.06	178	22216	1.65	ng/ul	98
72) Anthracene	17.06	178	22216	1.62	ng/ul	98
77) Fluoranthene	19.09	202	27400	1.89	ng/ul	99
80) Pyrene	19.45	202	37540	3.19	ng/ul	99
83) Benzo(a)anthracene	21.21	228	13675	1.31	ng/ul#	88
85) Chrysene	21.26	228	17953	1.79	ng/ul#	94
88) Benzo(b)fluoranthene	22.78	252	18127	1.95	ng/ul#	84
89) Benzo(k)fluoranthene	22.78	252	18127	1.97	ng/ul#	83
91) Benzo(a)pyrene	23.34	252	13490	1.54	ng/ul#	87
92) Indeno(1,2,3-cd)pyrene	25.66	276	10482	1.20	ng/ul	98
94) Benzo(g,h,i)perylene	26.35	276	13676	1.86	ng/ul	94

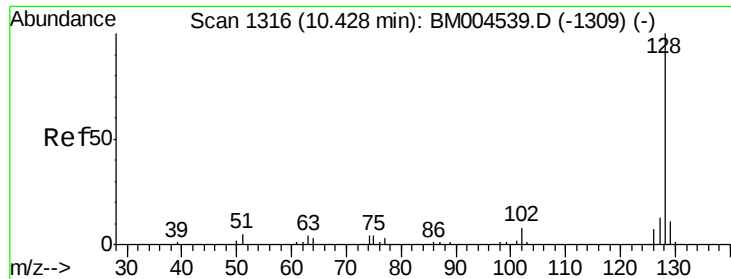
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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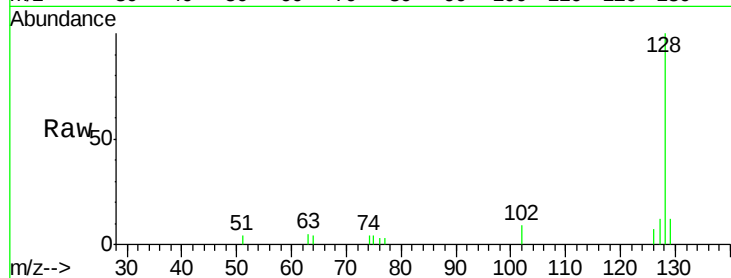




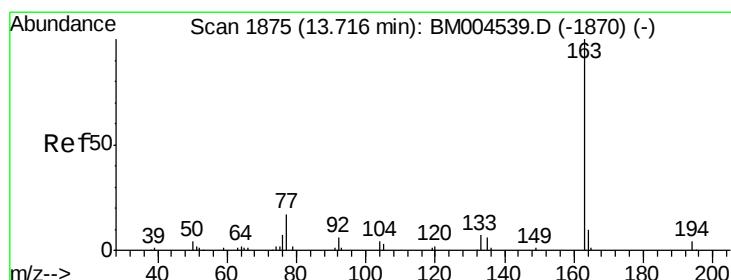
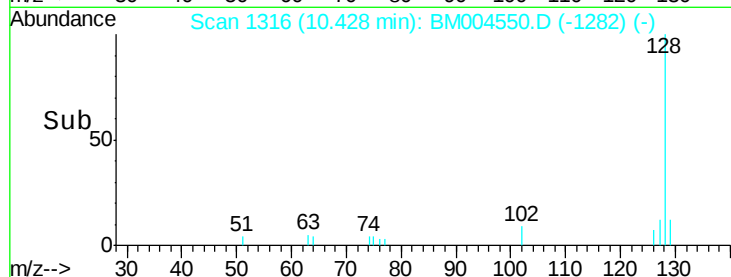
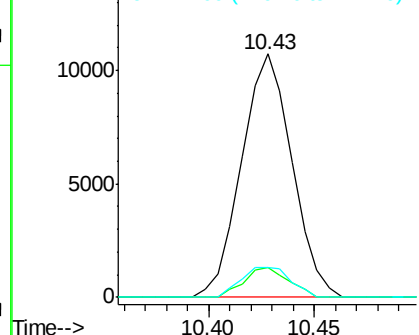
#28
Naphthalene
Concen: 1.89 ng/ul
RT: 10.43 min Scan# 1316
Delta R.T. 0.00 min
Lab File: BM004550.D
Acq: 04 Mar 2016 02:13

Instrument :
BNA_M
ClientSampleId :
P009-SS004-01

Tgt Ion:128 Resp: 17767
Ion Ratio Lower Upper
128 100
129 12.4 8.8 13.2
127 12.2 10.5 15.7

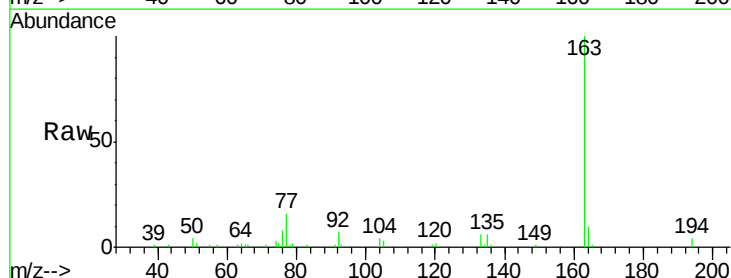


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

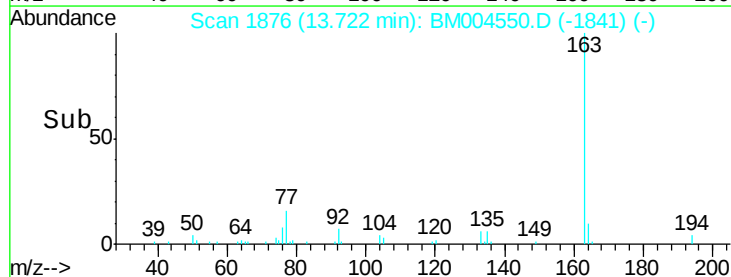
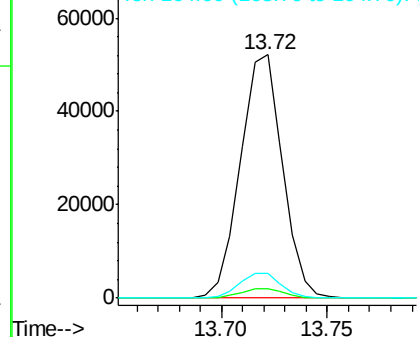


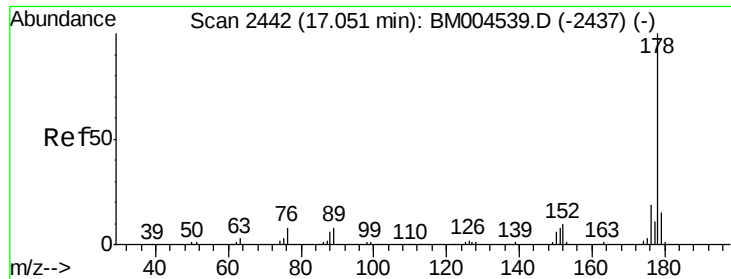
#45
Dimethylphthalate
Concen: 7.88 ng/ul
RT: 13.72 min Scan# 1876
Delta R.T. 0.01 min
Lab File: BM004550.D
Acq: 04 Mar 2016 02:13

Tgt Ion:163 Resp: 72123
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 7.8 11.8



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

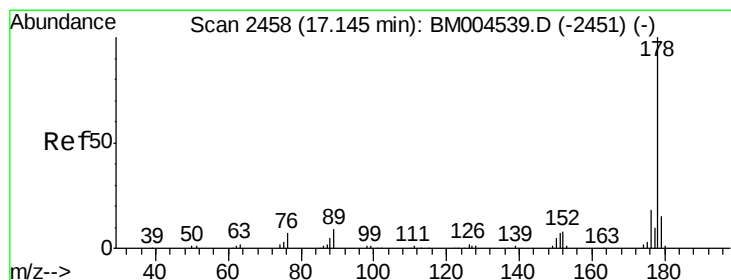
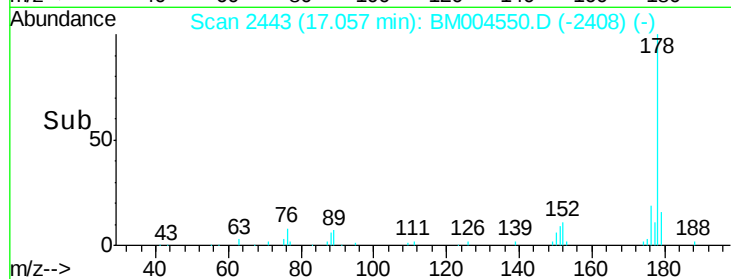
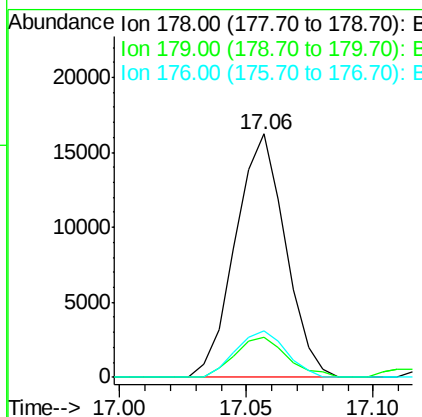
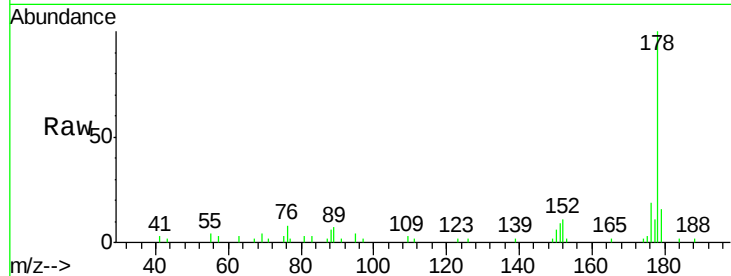




#70
Phenanthrene
Concen: 1.65 ng/ul
RT: 17.06 min Scan# 2443
Delta R.T. 0.01 min
Lab File: BM004550.D
Acq: 04 Mar 2016 02:13

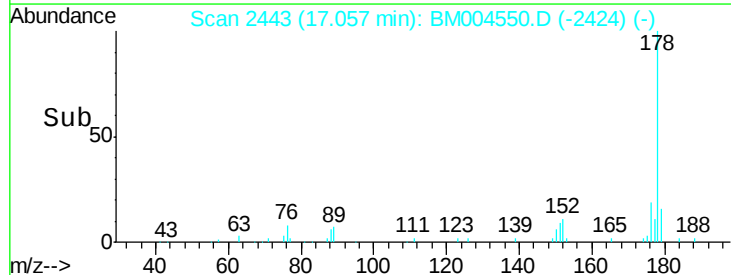
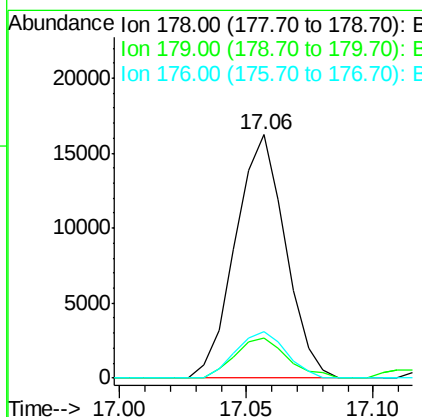
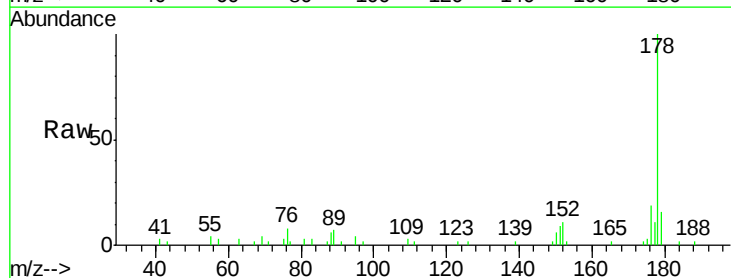
Instrument :
BNA_M
ClientSampleId :
P009-SS004-01

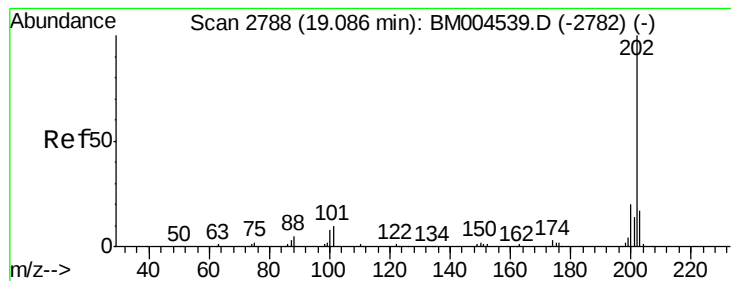
Tgt Ion:178 Resp: 22216
Ion Ratio Lower Upper
178 100
179 16.4 12.2 18.4
176 18.9 15.6 23.4



#72
Anthracene
Concen: 1.62 ng/ul
RT: 17.06 min Scan# 2443
Delta R.T. -0.09 min
Lab File: BM004550.D
Acq: 04 Mar 2016 02:13

Tgt Ion:178 Resp: 22216
Ion Ratio Lower Upper
178 100
179 16.4 12.1 18.1
176 18.9 14.8 22.2





#77

Fluoranthene

Concen: 1.89 ng/ul

RT: 19.09 min Scan# 2788

Delta R.T. 0.00 min

Lab File: BM004550.D

Acq: 04 Mar 2016 02:13

Instrument :

BNA_M

ClientSampleId :

P009-SS004-01

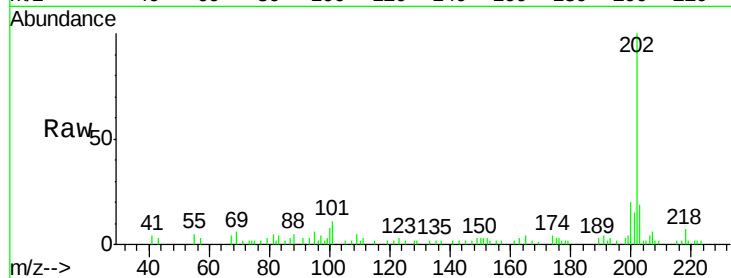
Tgt Ion:202 Resp: 27400

Ion Ratio Lower Upper

202 100

101 10.9 8.8 13.2

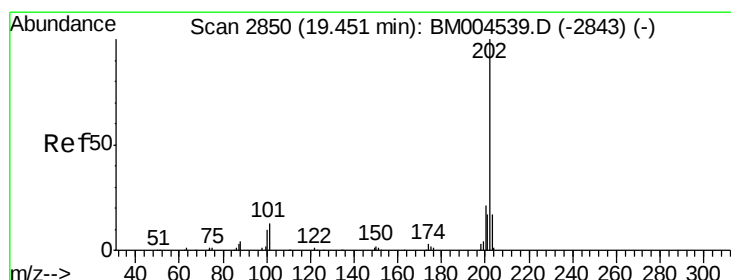
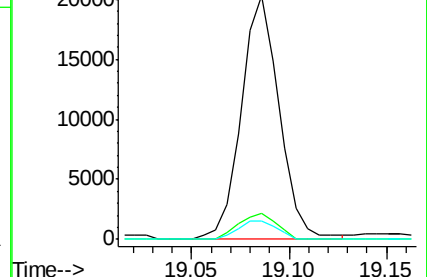
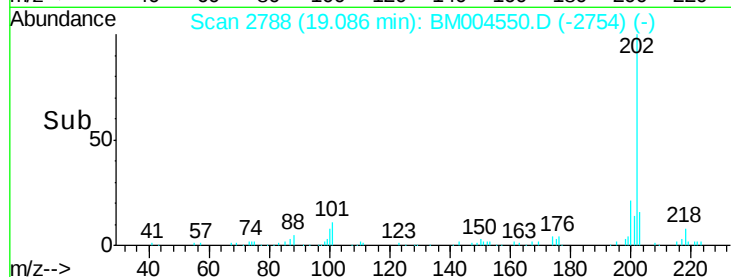
100 7.7 6.6 9.8



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: 3.19 ng/ul

RT: 19.45 min Scan# 2850

Delta R.T. 0.00 min

Lab File: BM004550.D

Acq: 04 Mar 2016 02:13

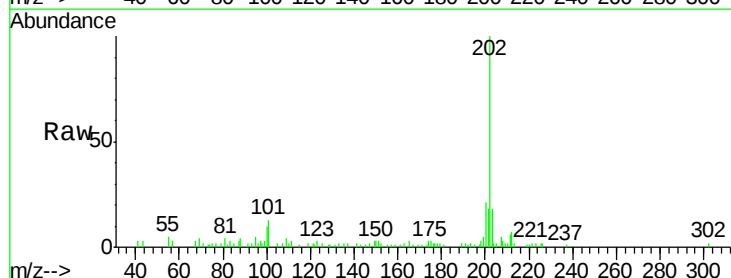
Tgt Ion:202 Resp: 37540

Ion Ratio Lower Upper

202 100

101 12.7 10.2 15.2

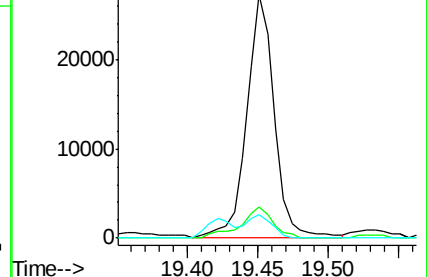
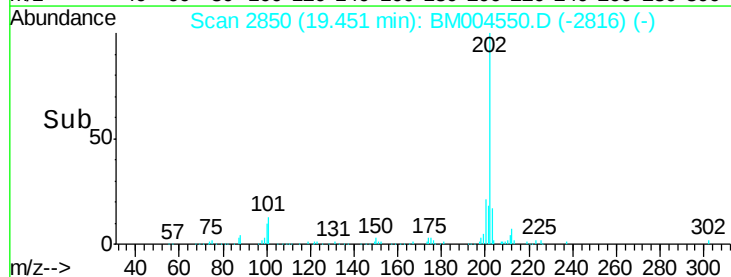
100 9.8 8.5 12.7

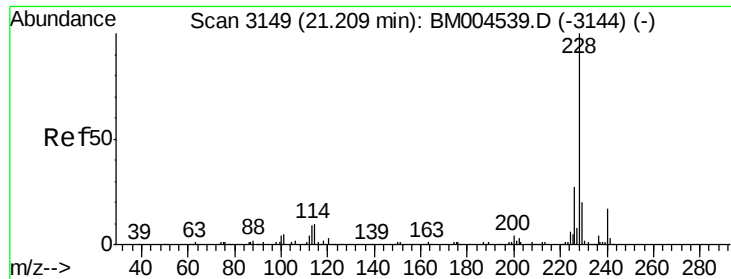


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.31 ng/ul

RT: 21.21 min Scan# 3149

Delta R.T. 0.00 min

Lab File: BM004550.D

Acq: 04 Mar 2016 02:13

Instrument :

BNA_M

ClientSampleId :

P009-SS004-01

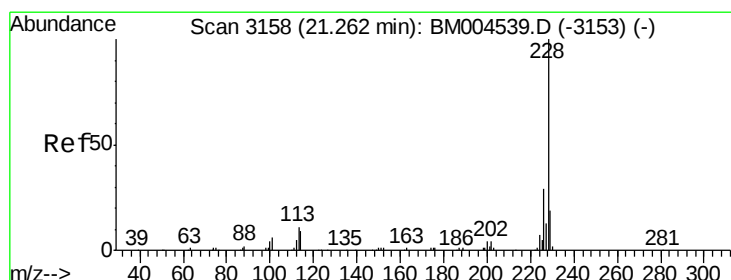
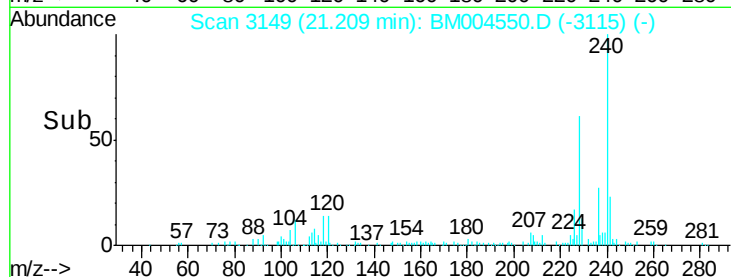
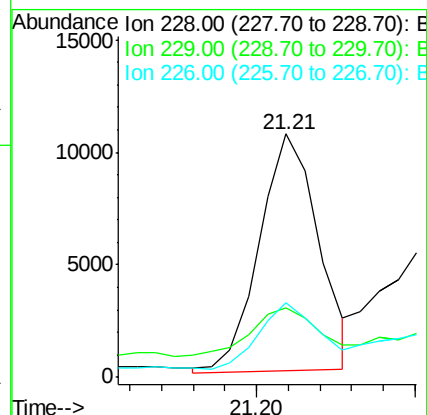
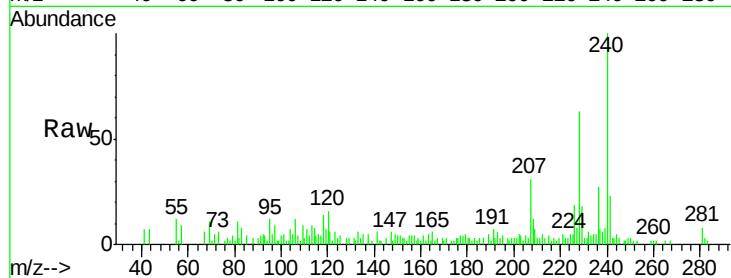
Tgt Ion:228 Resp: 13675

Ion Ratio Lower Upper

228 100

229 28.6 15.7 23.5#

226 30.7 21.8 32.6



#85

Chrysene

Concen: 1.79 ng/ul

RT: 21.26 min Scan# 3158

Delta R.T. 0.00 min

Lab File: BM004550.D

Acq: 04 Mar 2016 02:13

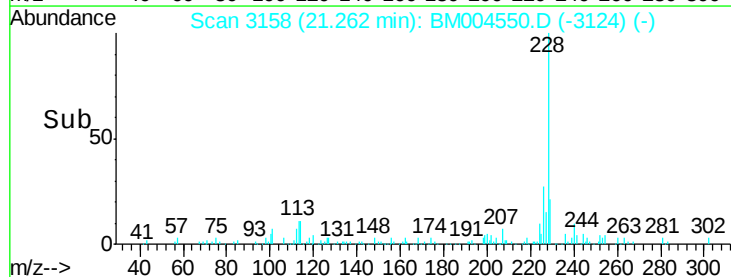
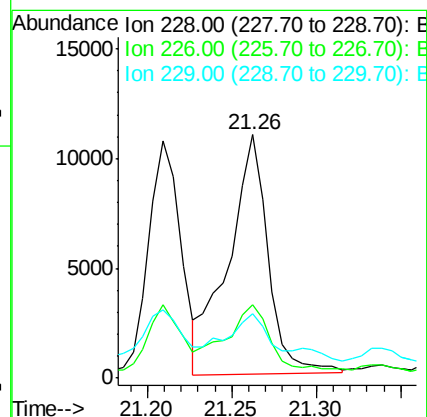
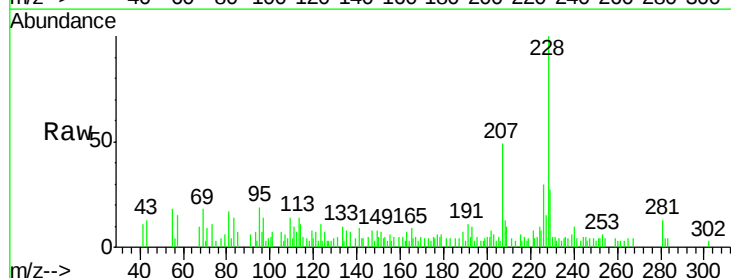
Tgt Ion:228 Resp: 17953

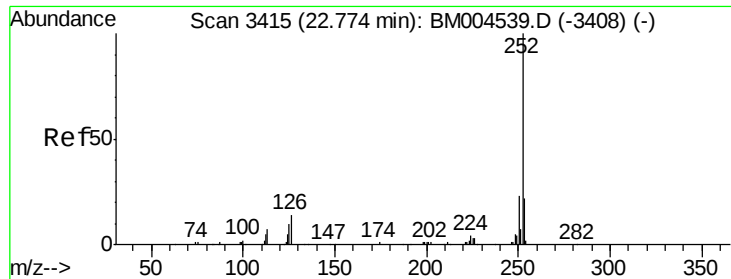
Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 26.5 15.6 23.4#





#88

Benzo(b)fluoranthene

Concen: 1.95 ng/ul

RT: 22.78 min Scan# 3416

Delta R.T. 0.01 min

Lab File: BM004550.D

Acq: 04 Mar 2016 02:13

Instrument :

BNA_M

ClientSampleId :

P009-SS004-01

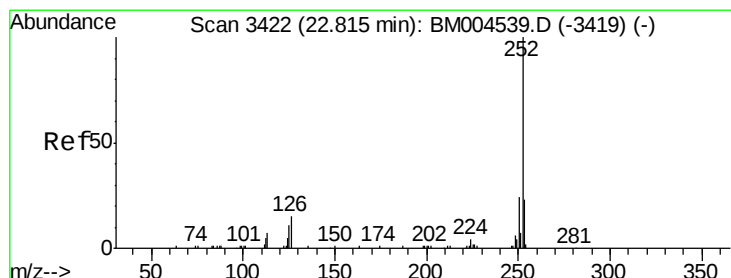
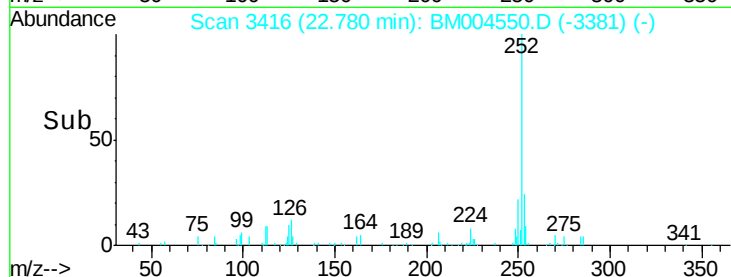
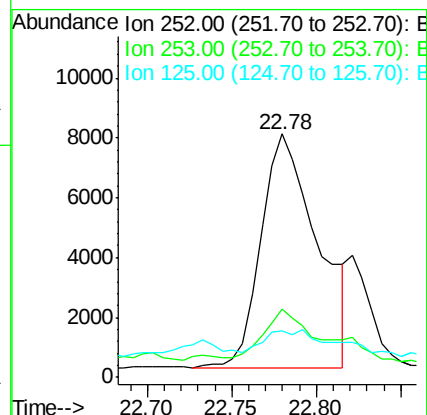
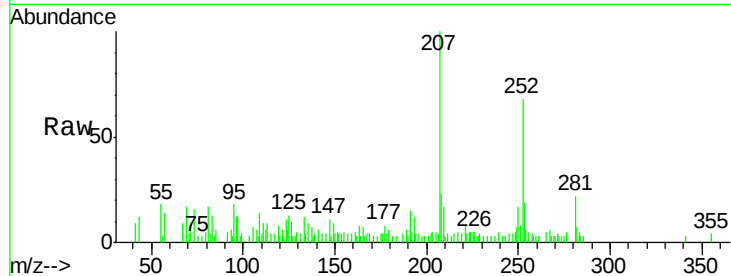
Tgt Ion:252 Resp: 18127

Ion Ratio Lower Upper

252 100

253 27.9 17.5 26.3#

125 19.0 8.5 12.7#



#89

Benzo(k)fluoranthene

Concen: 1.97 ng/ul

RT: 22.78 min Scan# 3416

Delta R.T. -0.04 min

Lab File: BM004550.D

Acq: 04 Mar 2016 02:13

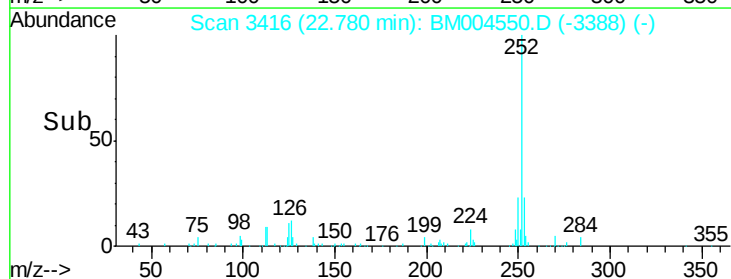
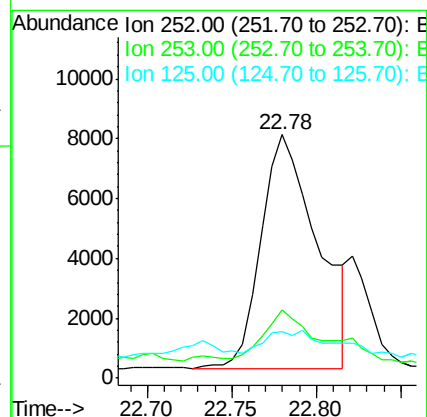
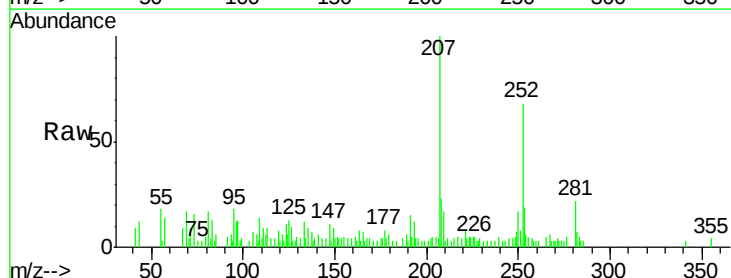
Tgt Ion:252 Resp: 18127

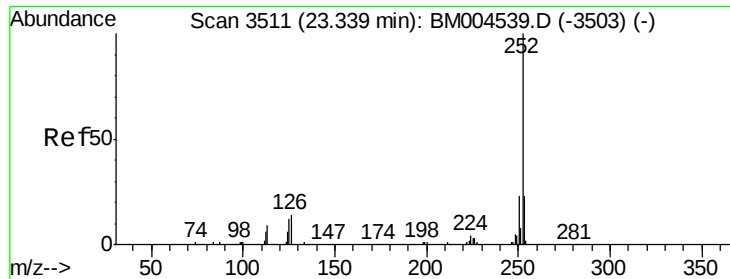
Ion Ratio Lower Upper

252 100

253 27.9 17.3 25.9#

125 19.0 8.2 12.2#





#91

Benzo(a)pyrene

Concen: 1.54 ng/ul

RT: 23.34 min Scan# 3512

Delta R.T. 0.01 min

Lab File: BM004550.D

Acq: 04 Mar 2016 02:13

Instrument :

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P009-SS004-01

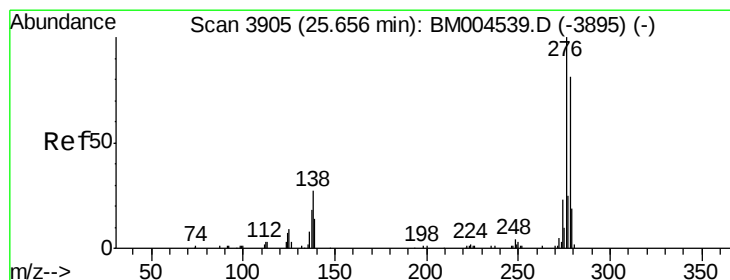
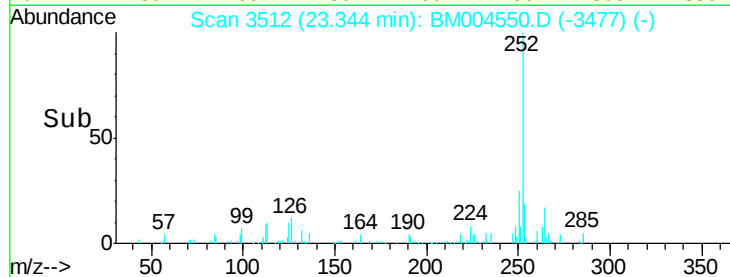
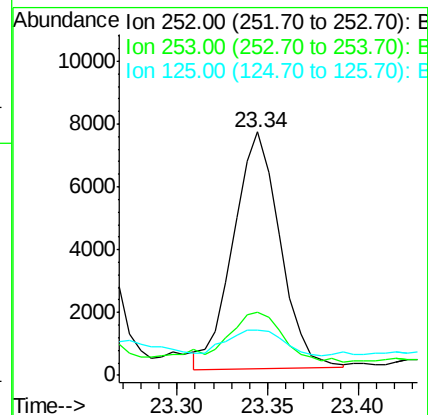
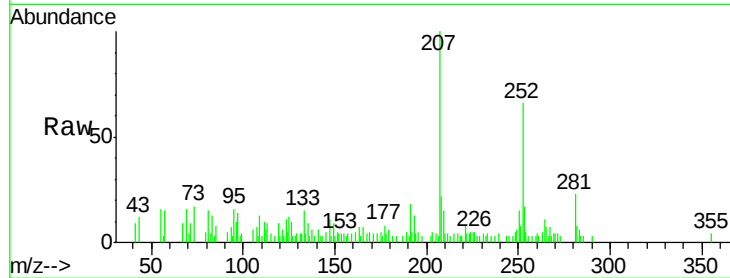
Tgt Ion:252 Resp: 13490

Ion Ratio Lower Upper

252 100

253 25.8 17.2 25.8#

125 18.8 9.0 13.6#



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.20 ng/ul

RT: 25.66 min Scan# 3906

Delta R.T. 0.01 min

Lab File: BM004550.D

Acq: 04 Mar 2016 02:13

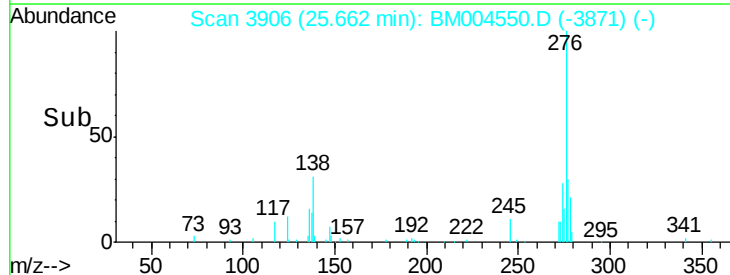
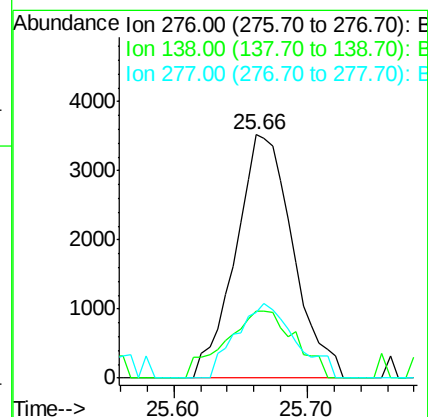
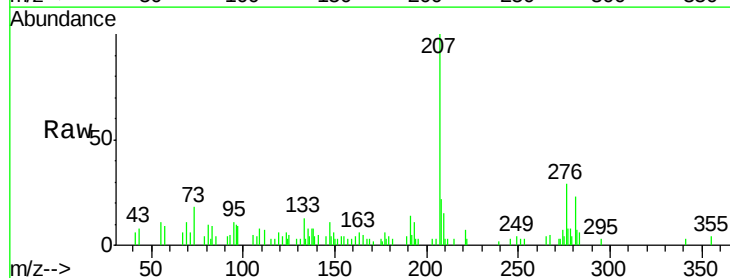
Tgt Ion:276 Resp: 10482

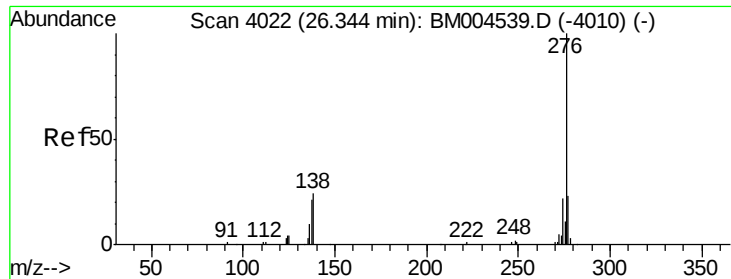
Ion Ratio Lower Upper

276 100

138 27.4 22.3 33.5

277 26.9 20.2 30.2





#94

Benzo(g,h,i)perylene

Concen: 1.86 ng/ul

RT: 26.35 min Scan# 4023

Delta R.T. 0.01 min

Lab File: BM004550.D

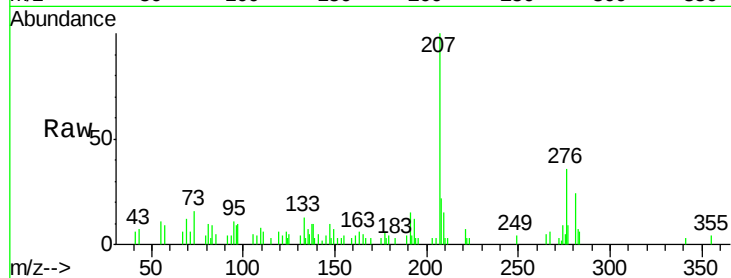
Acq: 04 Mar 2016 02:13

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P009-SS004-01



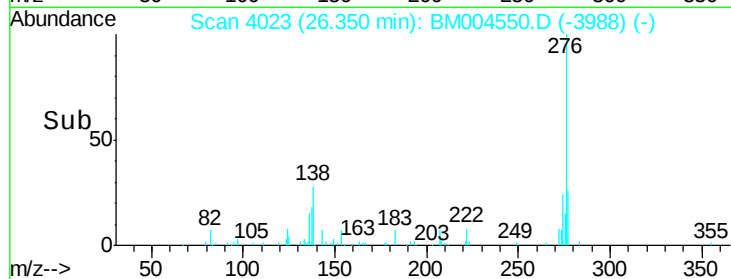
Tgt Ion: 276 Resp: 13676

Ion Ratio Lower Upper

276 100

138 28.1 18.9 28.3

277 25.9 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

