

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
 Data File : BM002244.D
 Acq On : 05 Aug 2015 22:11
 Operator : TP/UM
 Sample : G3030-20DL 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 06 01:48:36 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 06 01:44:45 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.51
18) Naphthalene-d8	0.00	136	0	0.00	ng/ul	-10.30
36) Acenaphthene-d10	0.00	164	0	0.00	ng/ul	-14.19
62) Phenanthrene-d10	16.97	188	570	20.00	ng/ul	0.02
78) Chrysene-d12	21.17	240	1797	20.00	ng/ul	0.02
86) Perylene-d12	23.20	264	39345	20.00	ng/ul	-0.14

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.95	96	261	0.00	ng/uL	0.00
5) Phenol-d5	6.74	99	5842	0.00	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.86	67	3286	0.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	8388	0.00	ng/ul	0.01
13) 4-Methylphenol-d8	8.29	113	6612	0.00	ng/ul	0.03
19) Nitrobenzene-d5	8.69	128	3784	0.00	ng/ul	0.01
22) 2-Nitrophenol-d4	9.42	143	3864	0.00	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.98	165	3002	0.00	ng/ul	0.03
29) 4-Chloroaniline-d4	10.49	131	1269	0.00	ng/ul	0.02
44) Dimethylphthalate-d6	13.60	166	33466	0.00	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	37942	0.00	ng/ul	0.00
52) 4-Nitrophenol-d4	14.52	143	2415	0.00	ng/ul	0.05
58) Fluorene-d10	15.20	176	27866	0.00	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.05	188	43030	1696.18	ng/ul	0.00
79) Pyrene-d10	19.36	212	48643	565.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.05	264	200	0.10	ng/ul	-0.15

Target Compounds

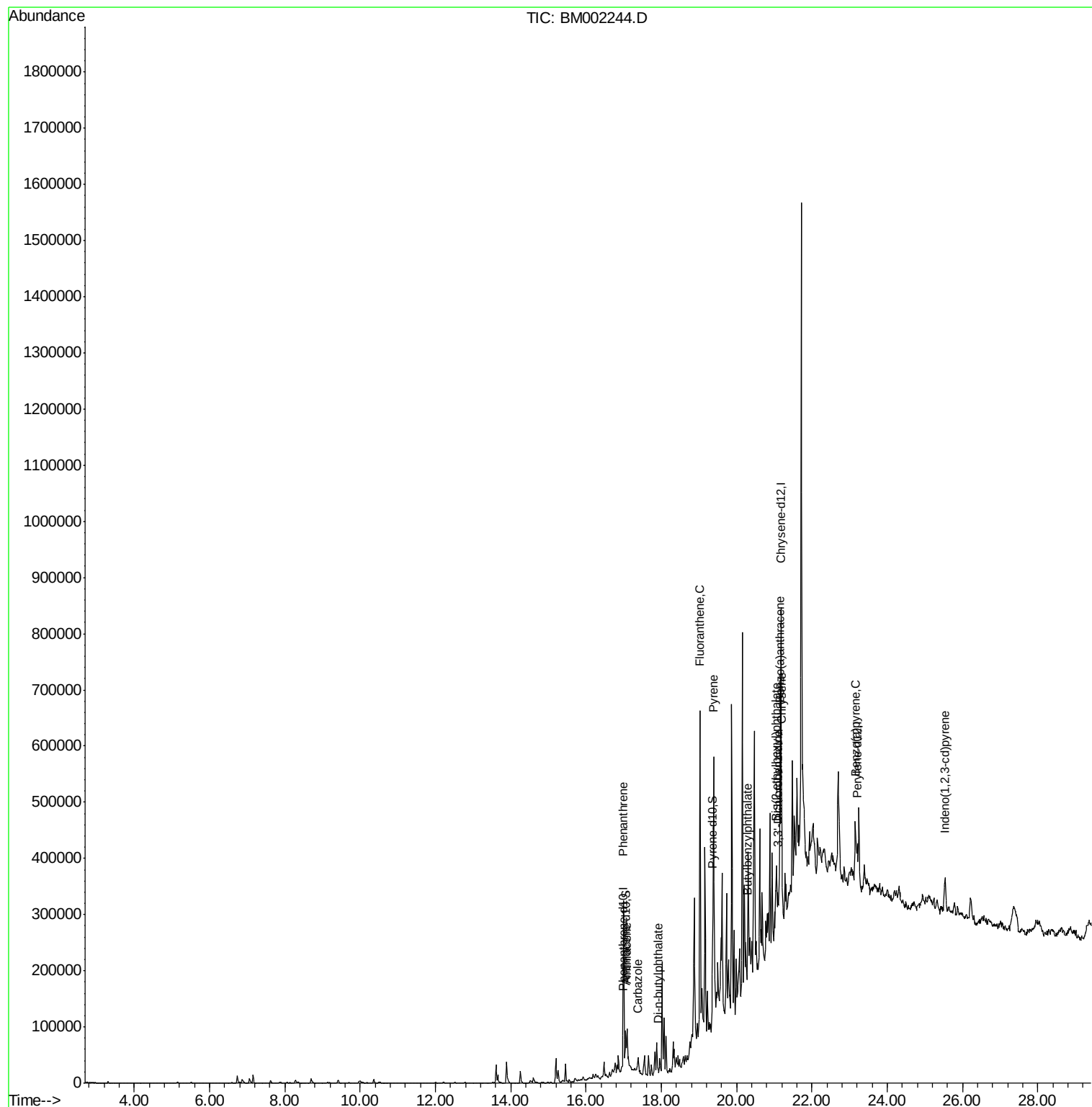
						Ovalue
70) Phenanthrene	16.99	178	217717	7438.82	ng/ul	99
72) Anthracene	17.09	178	60246	2013.94	ng/ul	98
75) Carbazole	17.38	167	23701	950.68	ng/ul	96
76) Di-n-butylphthalate	17.91	149	8490	288.17	ng/ul#	90
77) Fluoranthene	19.02	202	369458	11534.28	ng/ul	99
80) Pyrene	19.39	202	313066	2834.46	ng/ul	100
81) Butylbenzylphthalate	20.29	149	3849	96.64	ng/ul	92
82) 3,3'-Dichlorobenzidine	21.10	252	1621	52.11	ng/ul#	76
83) Benzo(a)anthracene	21.14	228	164879	1637.78	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.06	149	35161	620.63	ng/ul	100
85) Chrysene	21.19	228	143212	1545.13	ng/ul	97
91) Benzo(a)pyrene	23.15	252	67210	31.74	ng/ul#	91
92) Indeno(1,2,3-cd)pyrene	25.53	276	54156	22.70	ng/ul	96

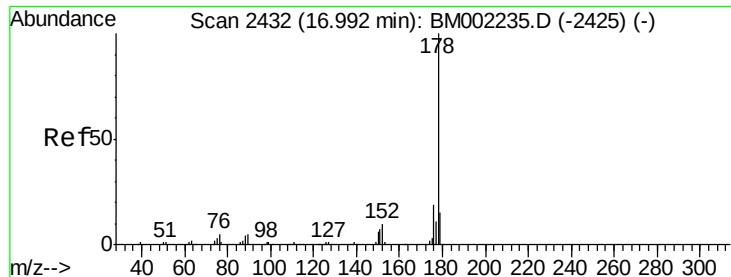
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080515\
Data File : BM002244.D
Acq On : 05 Aug 2015 22:11
Operator : TP/UM
Sample : G3030-20DL 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Aug 06 01:48:36 2015
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 06 01:44:45 2015
Response via : Initial Calibration





#70

Phenanthrene

Concen: 7438.82 ng/ul

RT: 16.99 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BM002244.D

Acq: 05 Aug 2015 22:11

Instrument :

BNA_M

ClientSampleId :

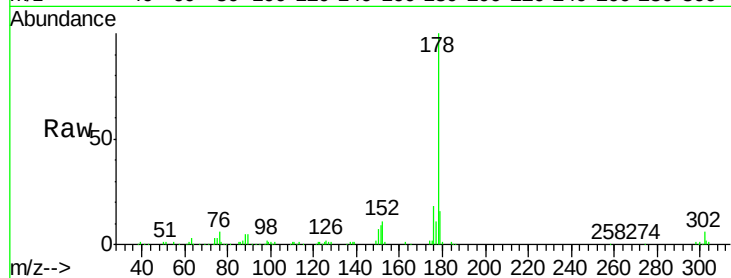
Tot Ion:178 Resp: 217717

Ion Ratio Lower Upper

178 100

179 15.8 12.2 18.4

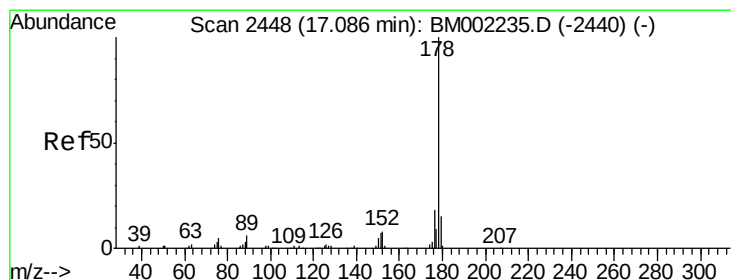
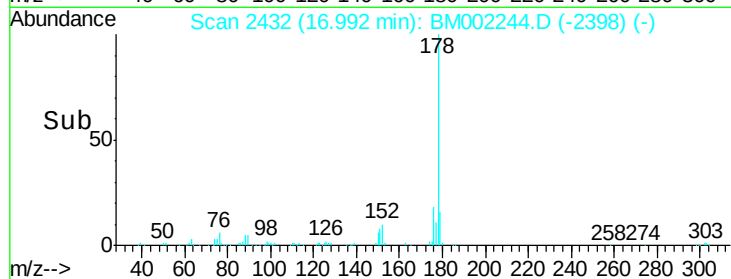
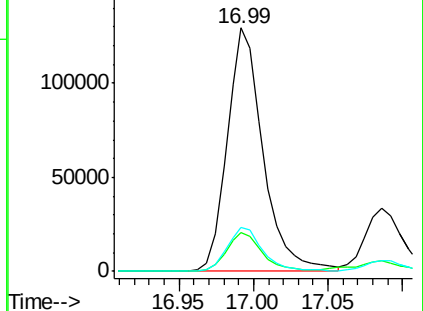
176 18.1 14.6 21.8



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



#72

Anthracene

Concen: 2013.94 ng/ul

RT: 17.09 min Scan# 2448

Delta R.T. 0.00 min

Lab File: BM002244.D

Acq: 05 Aug 2015 22:11

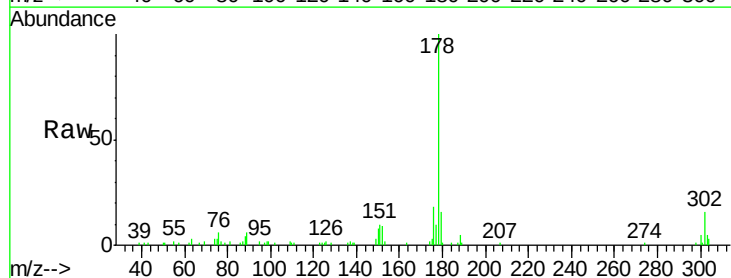
Tgt Ion:178 Resp: 60246

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.2

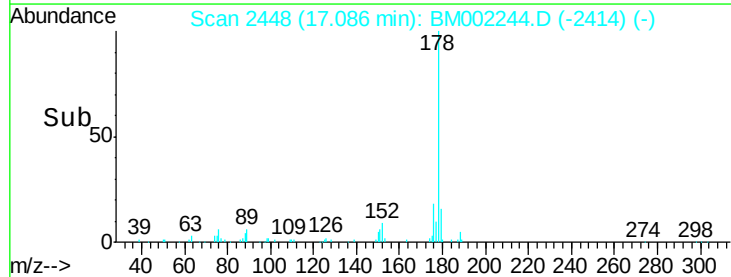
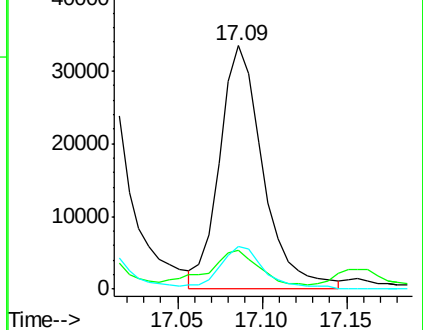
176 17.8 13.8 20.6

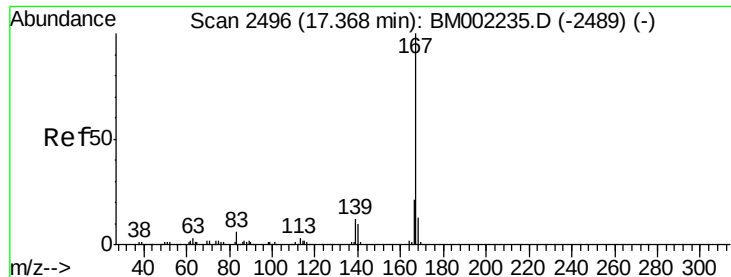


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 950.68 ng/ul

RT: 17.38 min Scan# 2498

Delta R.T. 0.01 min

Lab File: BM002244.D

Acq: 05 Aug 2015 22:11

Instrument :

BNA_M

ClientSampleId :

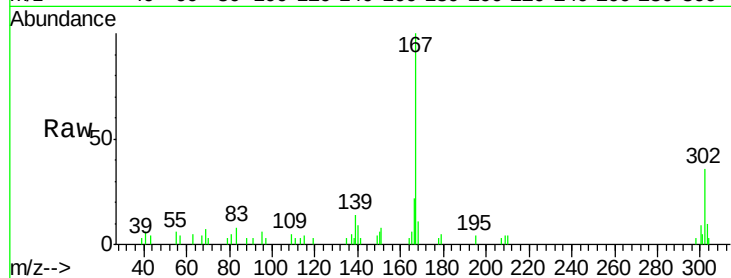
Tot Ion:167 Resp: 23701

Ion Ratio Lower Upper

167 100

166 22.3 16.7 25.1

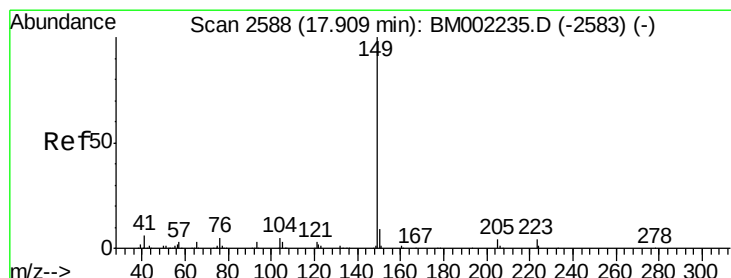
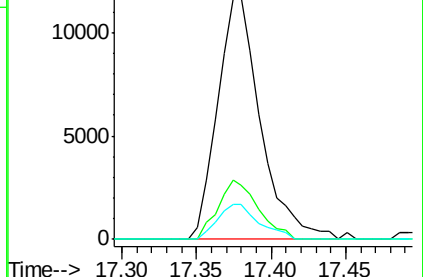
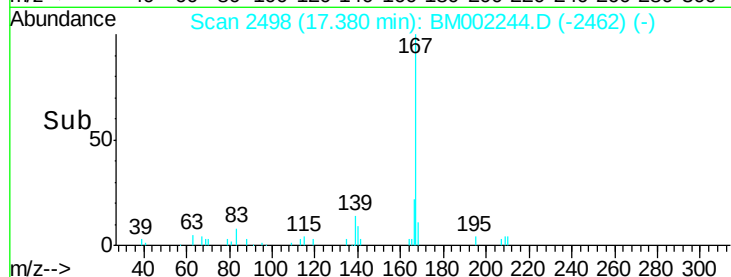
139 14.1 9.4 14.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#76

Di-n-butylphthalate

Concen: 288.17 ng/ul

RT: 17.91 min Scan# 2588

Delta R.T. 0.00 min

Lab File: BM002244.D

Acq: 05 Aug 2015 22:11

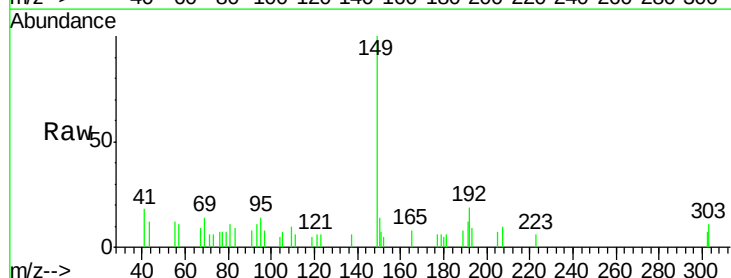
Tgt Ion:149 Resp: 8490

Ion Ratio Lower Upper

149 100

150 14.3 7.0 10.4#

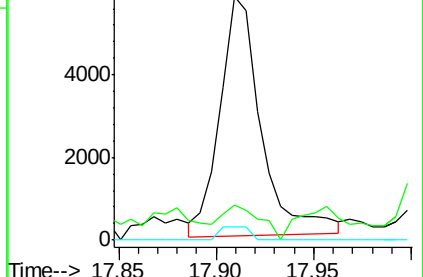
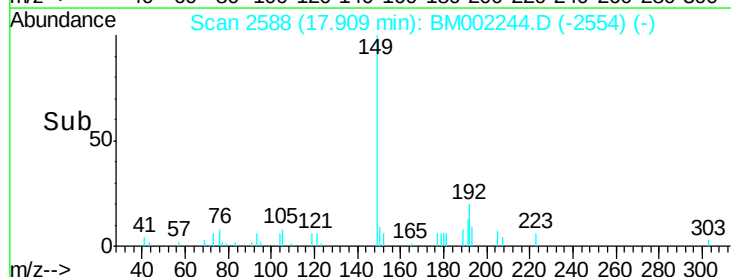
104 5.5 4.0 6.0

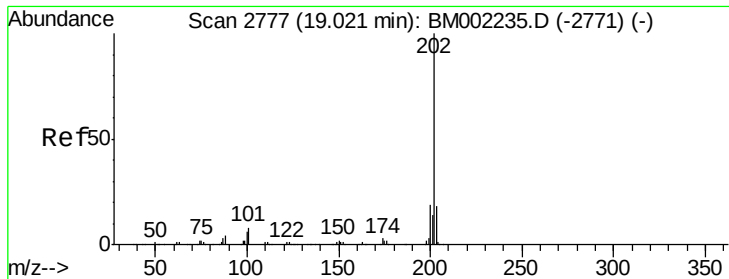


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

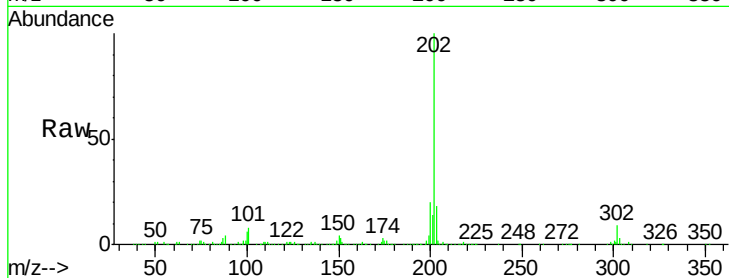




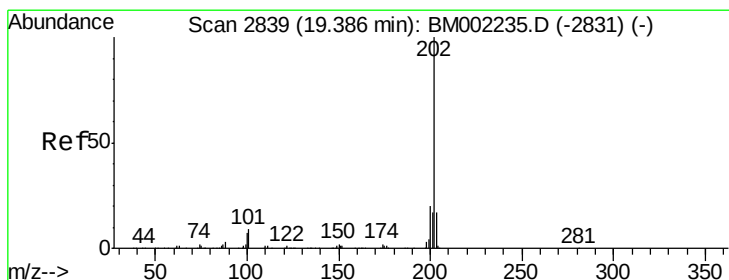
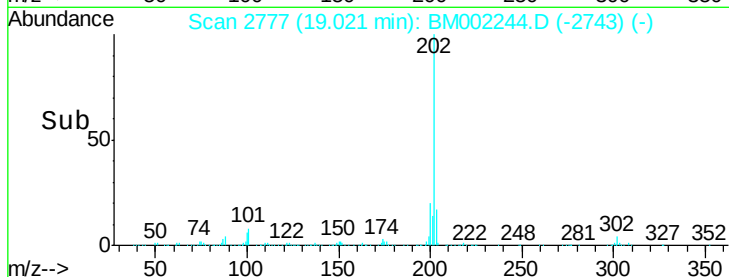
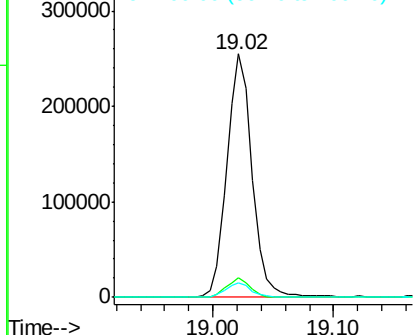
#77
Fluoranthene
Concen: 11534.28 ng/ul
RT: 19.02 min Scan# 2777
Delta R.T. 0.00 min
Lab File: BM002244.D
Acq: 05 Aug 2015 22:11

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.8	6.2	9.2
100	5.7	4.8	7.2

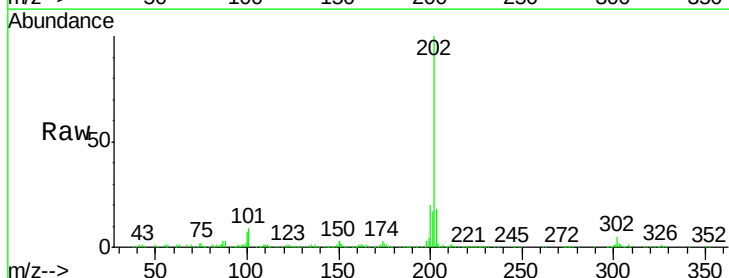


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

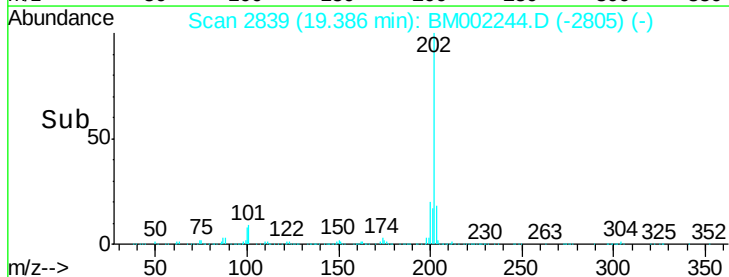
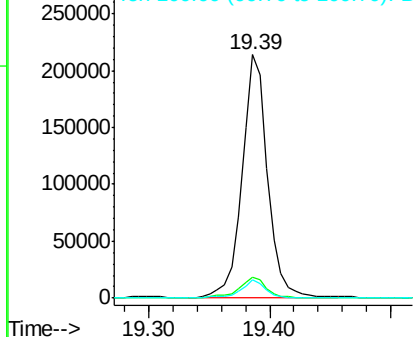


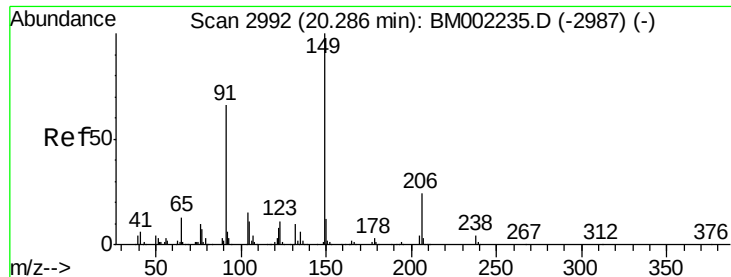
#80
Pyrene
Concen: 2834.46 ng/ul
RT: 19.39 min Scan# 2839
Delta R.T. 0.00 min
Lab File: BM002244.D
Acq: 05 Aug 2015 22:11

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	7.0	10.6
100	7.5	5.8	8.8



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

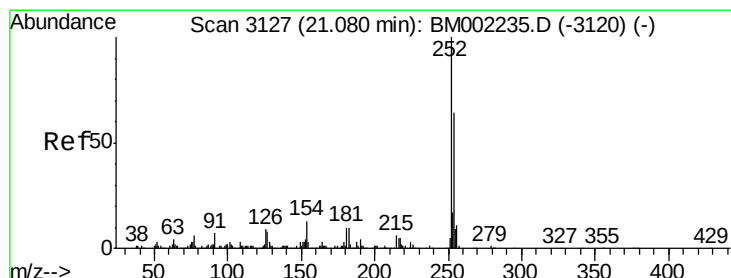
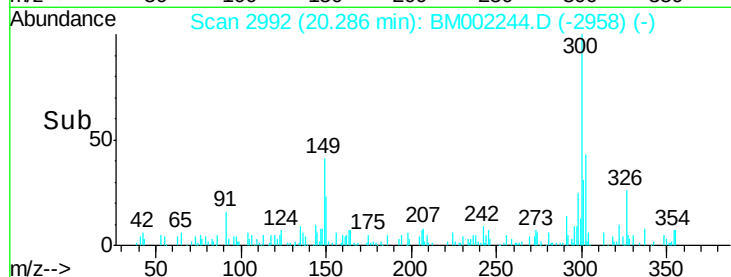
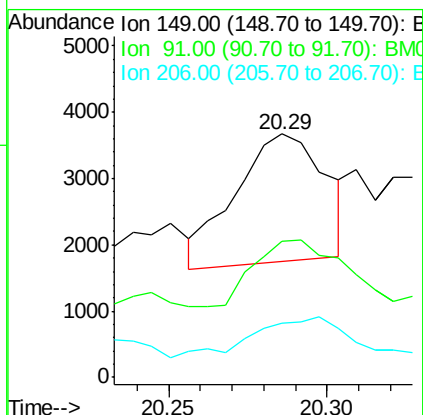
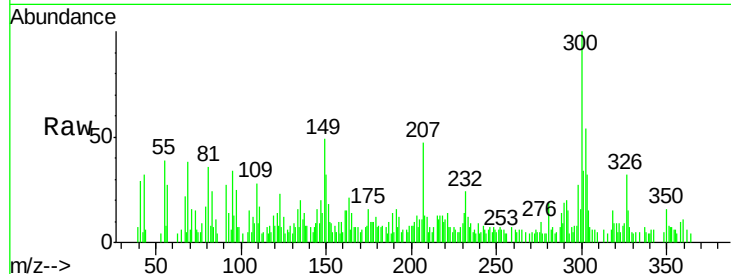




#81
Butylbenzylphthalate
Concen: 96.64 ng/ul
RT: 20.29 min Scan# 2992
Delta R.T. 0.00 min
Lab File: BM002244.D
Acq: 05 Aug 2015 22:11

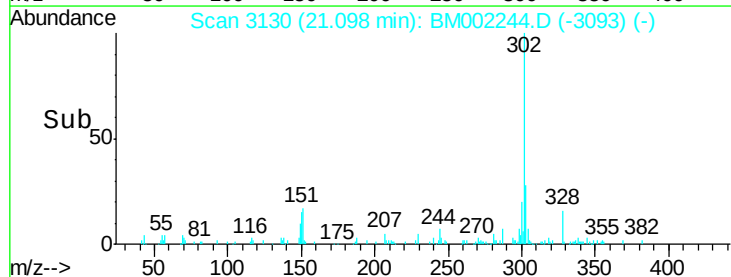
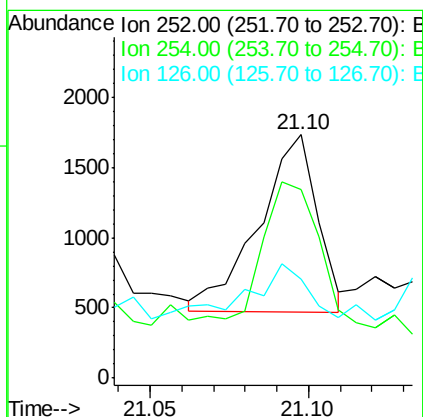
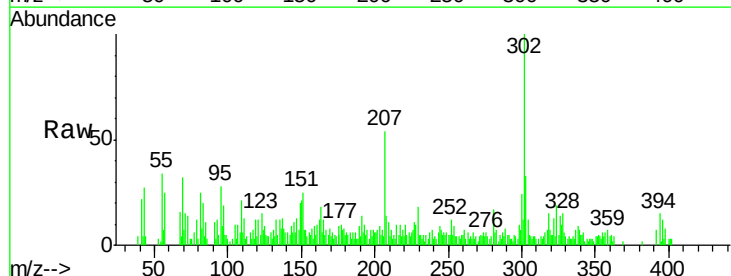
Instrument :
BNA_M
ClientSampled :

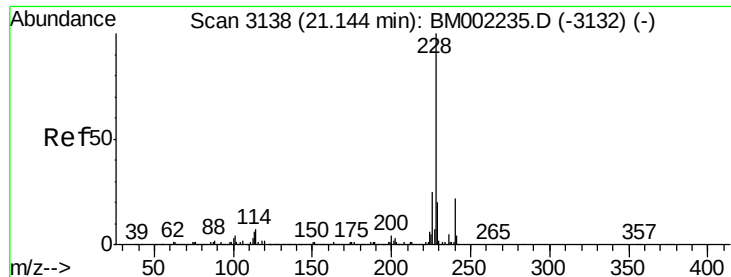
Tot Ion:149 Resp: 3849
Ion Ratio Lower Upper
149 100
91 55.9 50.6 76.0
206 22.2 19.8 29.6



#82
3,3'-Dichlorobenzidine
Concen: 52.11 ng/ul
RT: 21.10 min Scan# 3130
Delta R.T. 0.02 min
Lab File: BM002244.D
Acq: 05 Aug 2015 22:11

Tgt Ion:252 Resp: 1621
Ion Ratio Lower Upper
252 100
254 77.3 52.0 78.0
126 40.5 6.9 10.3#





#83

Benzo(a)anthracene

Concen: 1637.78 ng/ul

RT: 21.14 min Scan# 3138

Delta R.T. 0.00 min

Lab File: BM002244.D

Acq: 05 Aug 2015 22:11

Instrument :

BNA_M

ClientSampleId :

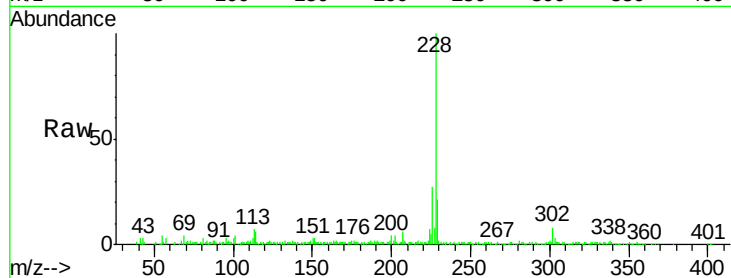
Tot Ion:228 Resp: 164879

Ion Ratio Lower Upper

228 100

229 21.1 15.9 23.9

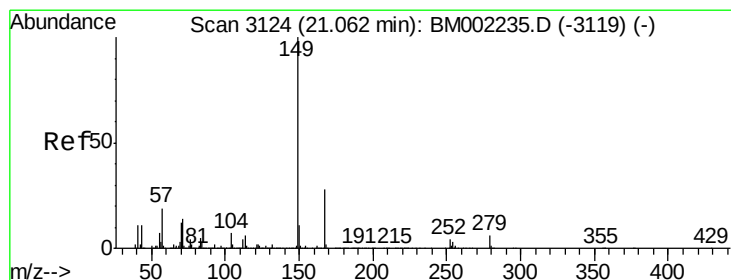
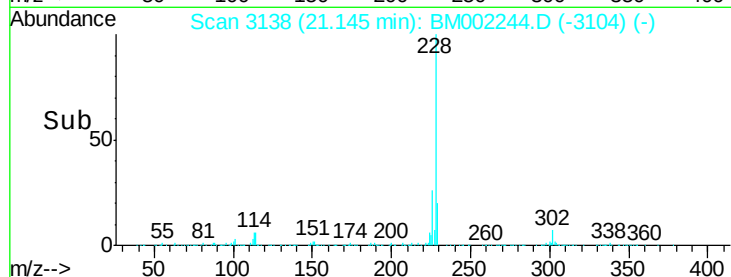
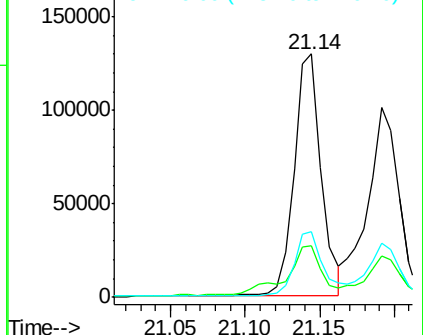
226 26.8 20.6 31.0



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 620.63 ng/ul

RT: 21.06 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BM002244.D

Acq: 05 Aug 2015 22:11

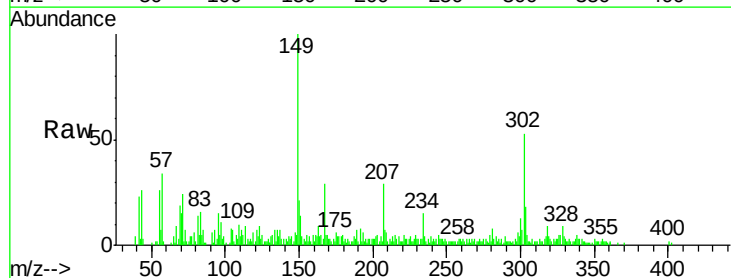
Tgt Ion:149 Resp: 35161

Ion Ratio Lower Upper

149 100

167 28.8 23.0 34.4

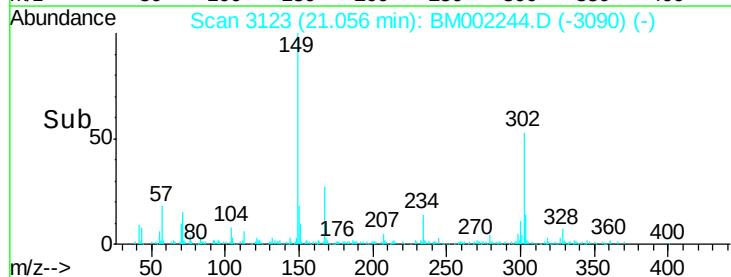
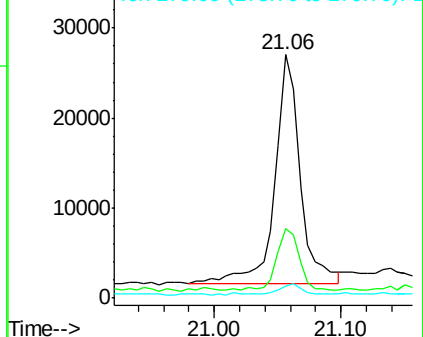
279 5.1 4.0 6.0

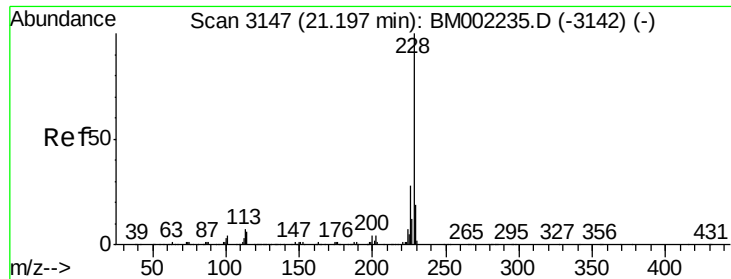


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

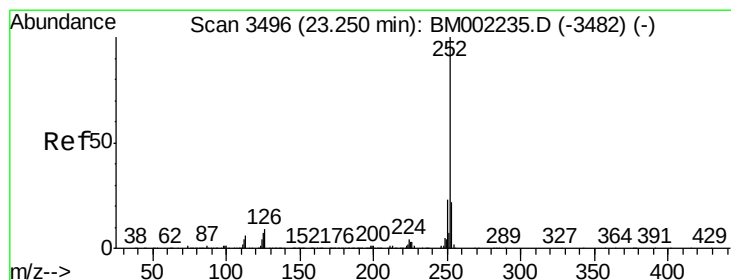
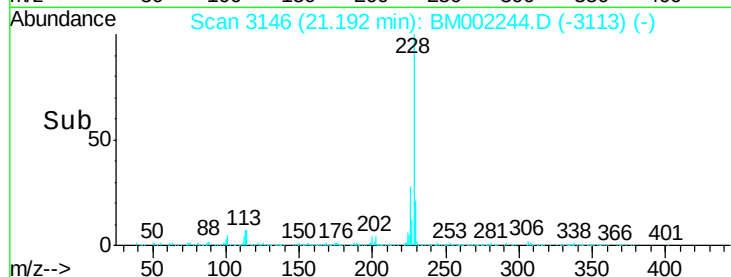
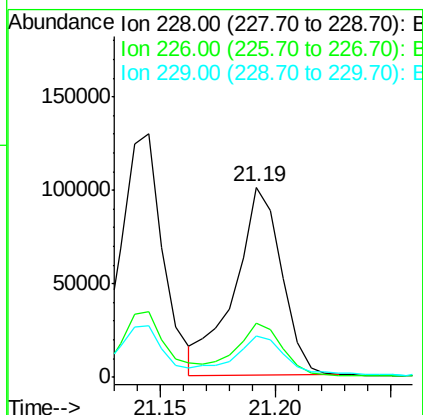
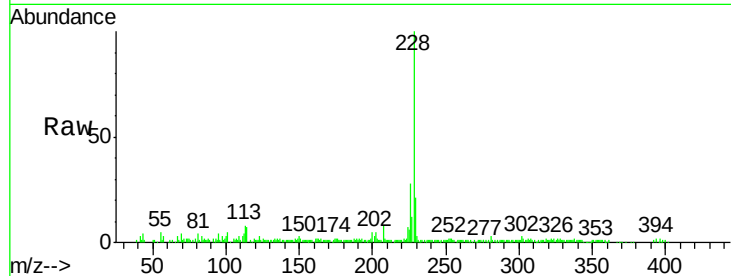




#85
 Chrysene
 Concen: 1545.13 ng/ul
 RT: 21.19 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BM002244.D
 Acq: 05 Aug 2015 22:11

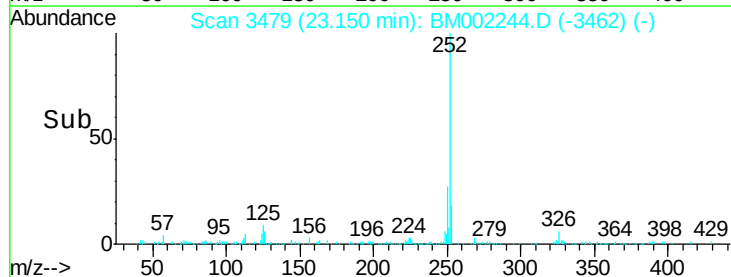
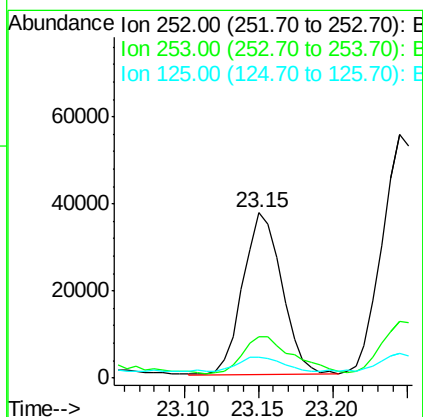
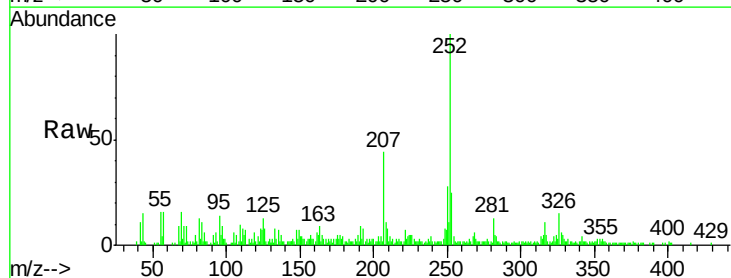
Instrument :
 BNA_M
 ClientSampleId :

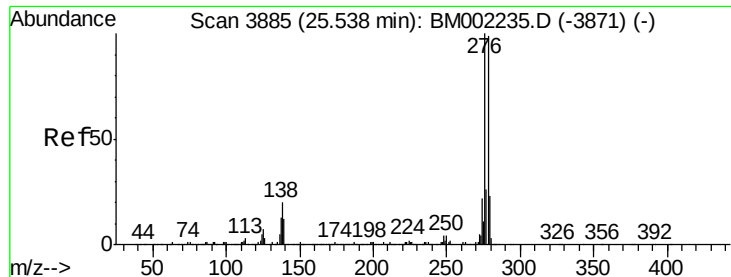
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.2	33.4
229	21.5	15.5	23.3



#91
 Benzo(a)pyrene
 Concen: 31.74 ng/ul
 RT: 23.15 min Scan# 3479
 Delta R.T. -0.10 min
 Lab File: BM002244.D
 Acq: 05 Aug 2015 22:11

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.4	26.0
125	13.0	6.1	9.1#





#92

Indeno(1,2,3-cd)pyrene

Concen: 22.70 ng/ul

RT: 25.53 min Scan# 3884

Delta R.T. -0.01 min

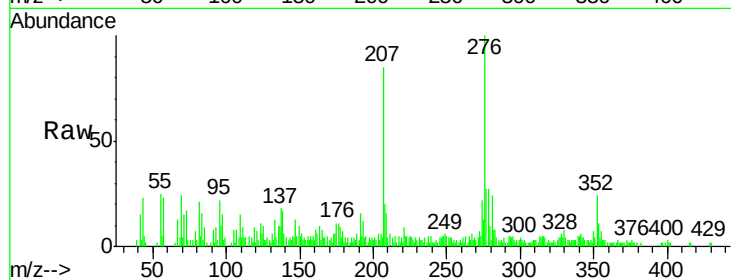
Lab File: BM002244.D

Acq: 05 Aug 2015 22:11

Instrument :

BNA_M

ClientSampleId :



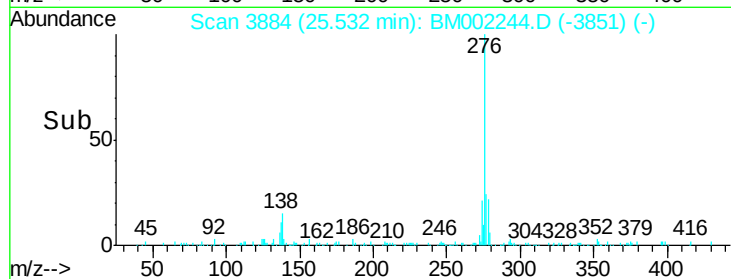
Tot Ion:276 Resp: 54156

Ion Ratio Lower Upper

276 100

138 17.5 15.4 23.0

277 27.4 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

