

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
 Data File : BM005800.D
 Acq On : 15 Jun 2016 00:31
 Operator : UM/SJ
 Sample : H3565-08
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9Y01

Quant Time: Jun 15 01:44:47 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jun 15 01:42:36 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	90331	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	414457	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	217595	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	433696	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	465481	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	502020	20.00	ng/ul	0.00

System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	957	0.49	ng/uL	0.00
3) Phenol-d5	6.93	99	20299	2.74	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	24184	5.48	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	27432	4.44	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	7114	1.13	ng/ul	0.01
8) Nitrobenzene-d5	8.90	128	12321	4.20	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	13719	4.21	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	22066	3.54	ng/ul	0.01
12) 4-Chloroaniline-d4	10.69	131	18866	2.75	ng/ul	0.01
16) Dimethylphthalate-d6	13.79	166	133998	7.76	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	152417	6.95	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	14691	7.40	ng/ul	0.02
21) Fluorene-d10	15.38	176	117346	8.16	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	12257	6.32	ng/ul	0.00
26) Anthracene-d10	17.23	188	233140	11.59	ng/ul	0.00
30) Pyrene-d10	19.52	212	381088	16.82	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	434240	18.73	ng/ul	0.00

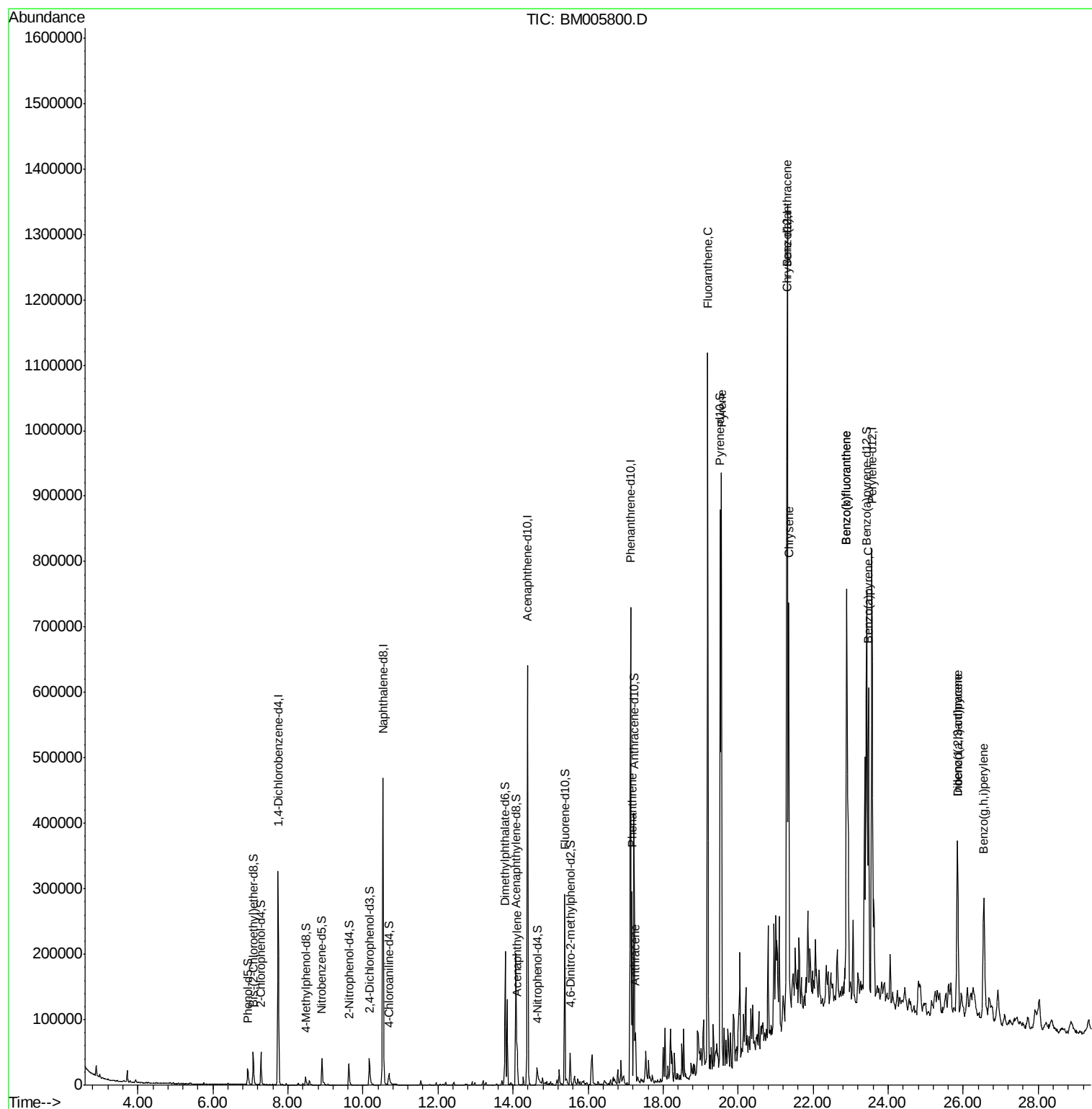
Target Compounds				Qvalue		
18) Acenaphthylene	14.11	152	53116	2.40	ng/ul	99
25) Phenanthrene	17.17	178	179314	7.54	ng/ul	100
27) Anthracene	17.26	178	55346	2.35	ng/ul	99
28) Fluoranthene	19.19	202	664583	26.25	ng/ul	100
31) Pyrene	19.56	202	561122	19.63	ng/ul	97
32) Benzo(a)anthracene	21.30	228	356161	13.23	ng/ul	97
33) Chrysene	21.35	228	344628	13.06	ng/ul	97
35) Benzo(b)fluoranthene	22.89	252	527638	17.59	ng/ul	98
36) Benzo(k)fluoranthene	22.89	252	527638	19.00	ng/ul	99
38) Benzo(a)pyrene	23.47	252	339431	11.85	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.85	276	261565	7.96	ng/ul	94
40) Dibenzo(a,h)anthracene	25.84	278	68479	2.49	ng/ul#	76
41) Benzo(g,h,i)perylene	26.56	276	222373	7.82	ng/ul	99

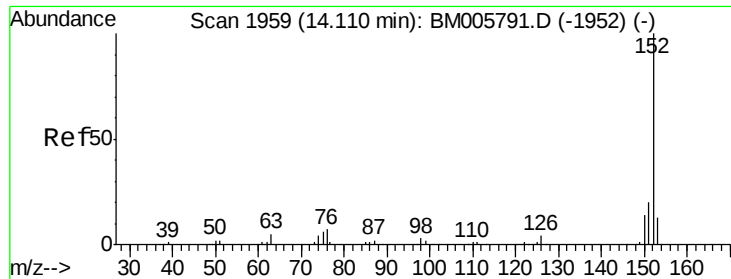
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 15 01:42:36 2016
Response via : Initial Calibration





#18

Acenaphthylene

Concen: 2.40 ng/ul

RT: 14.11 min Scan# 1959

Delta R.T. -0.00 min

Lab File: BM005800.D

Acq: 15 Jun 2016 00:31

Instrument :

BNA_M

ClientSampleId :

D9Y01

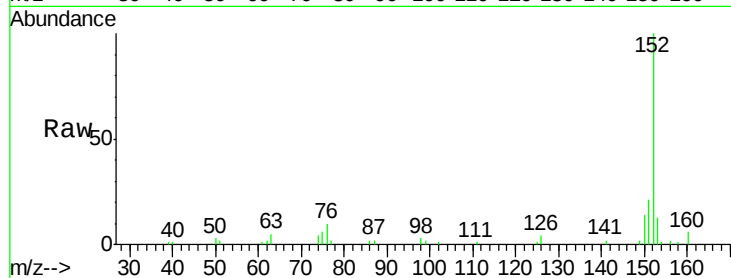
Tgt Ion:152 Resp: 53116

Ion Ratio Lower Upper

152 100

151 20.5 15.8 23.6

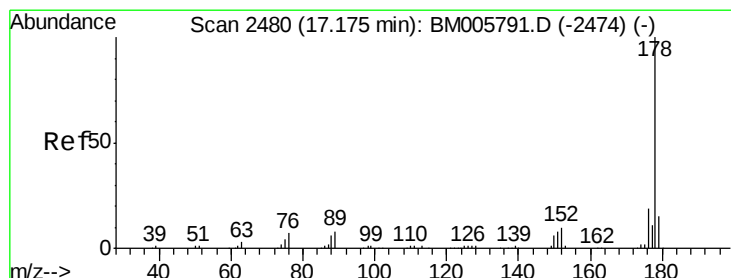
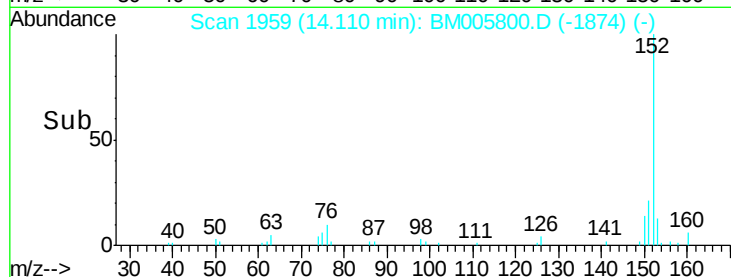
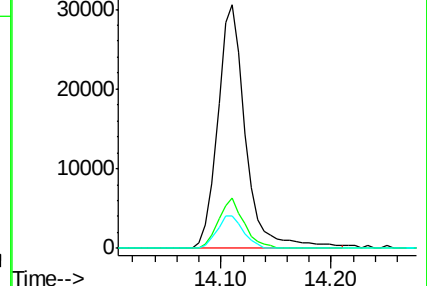
153 13.2 10.3 15.5



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#25

Phenanthrene

Concen: 7.54 ng/ul

RT: 17.17 min Scan# 2480

Delta R.T. -0.00 min

Lab File: BM005800.D

Acq: 15 Jun 2016 00:31

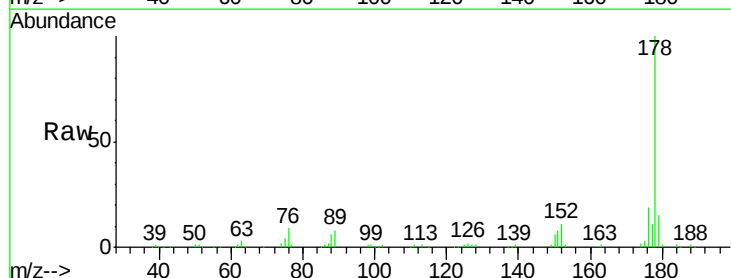
Tgt Ion:178 Resp: 179314

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.2

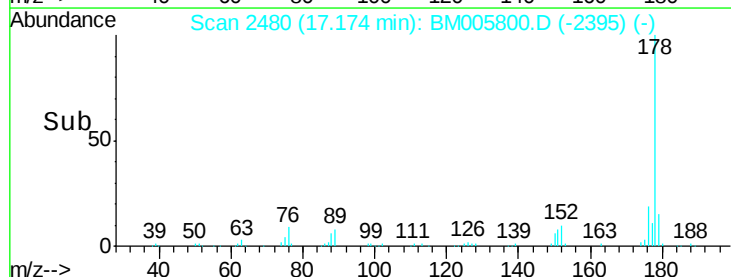
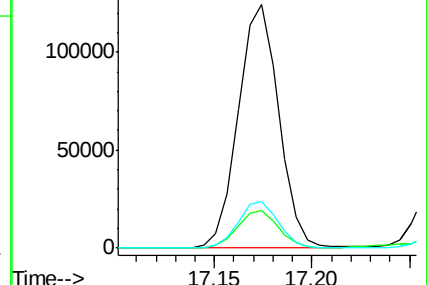
176 18.9 15.3 22.9

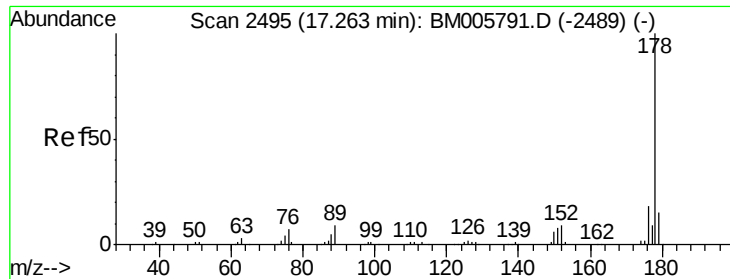


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

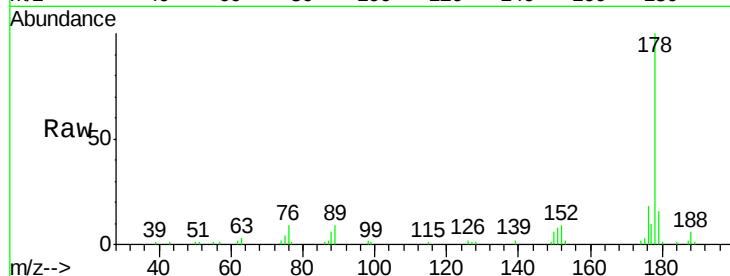




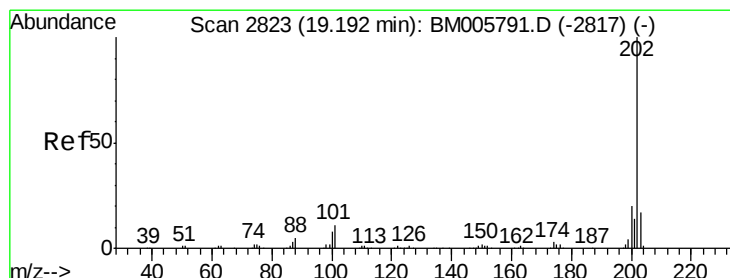
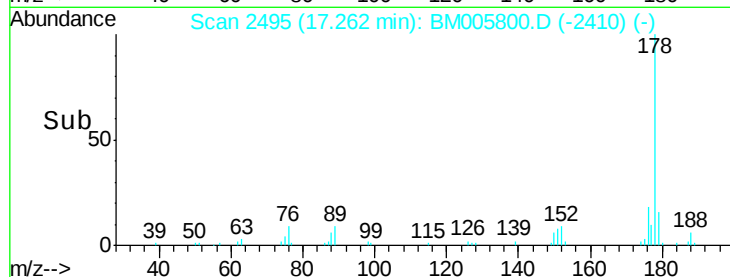
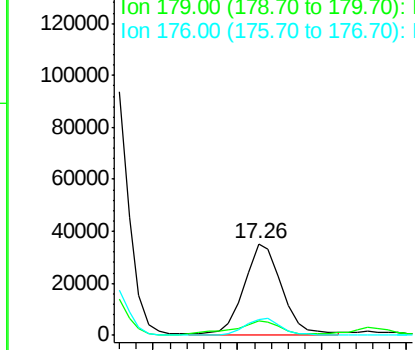
#27
 Anthracene
 Concen: 2.35 ng/ul
 RT: 17.26 min Scan# 2495
 Delta R.T. -0.00 min
 Lab File: BM005800.D
 Acq: 15 Jun 2016 00:31

Instrument :
 BNA_M
 ClientSampleId :
 D9Y01

Tgt Ion:178 Resp: 55346
 Ion Ratio Lower Upper
 178 100
 179 15.6 12.3 18.5
 176 17.8 14.6 22.0

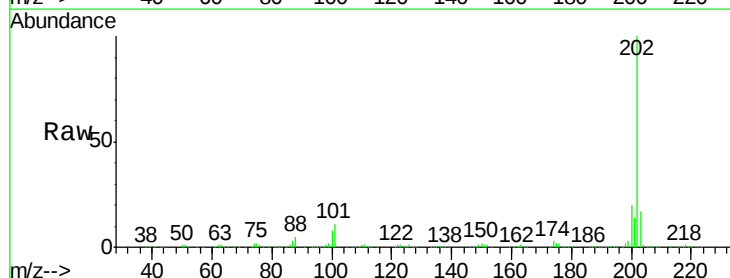


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

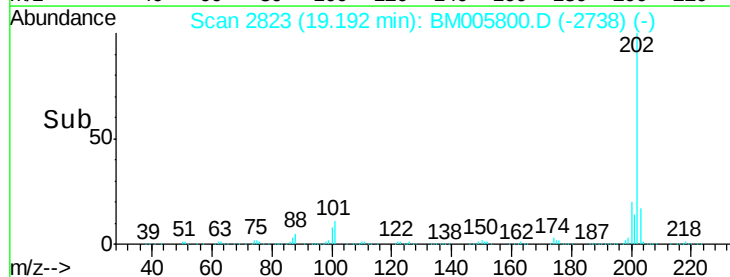
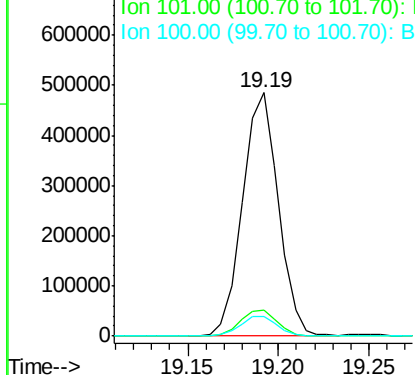


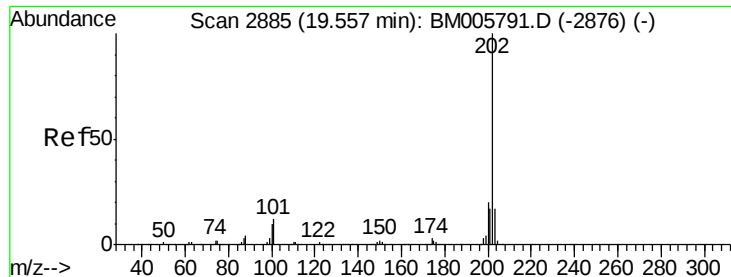
#28
 Fluoranthene
 Concen: 26.25 ng/ul
 RT: 19.19 min Scan# 2823
 Delta R.T. -0.00 min
 Lab File: BM005800.D
 Acq: 15 Jun 2016 00:31

Tgt Ion:202 Resp: 664583
 Ion Ratio Lower Upper
 202 100
 101 10.8 8.5 12.7
 100 8.0 6.5 9.7



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





#31

Pyrene

Concen: 19.63 ng/ul

RT: 19.56 min Scan# 2885

Delta R.T. -0.00 min

Lab File: BM005800.D

Acq: 15 Jun 2016 00:31

Instrument :

BNA_M

ClientSampleId :

D9Y01

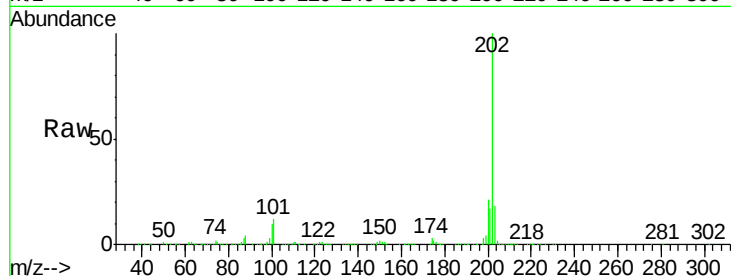
Tgt Ion:202 Resp: 561122

Ion Ratio Lower Upper

202 100

101 12.5 11.0 16.4

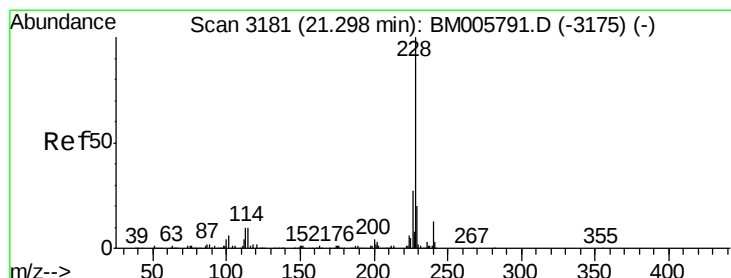
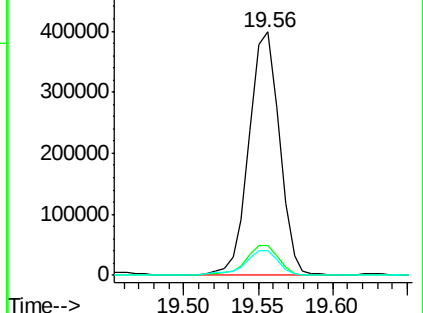
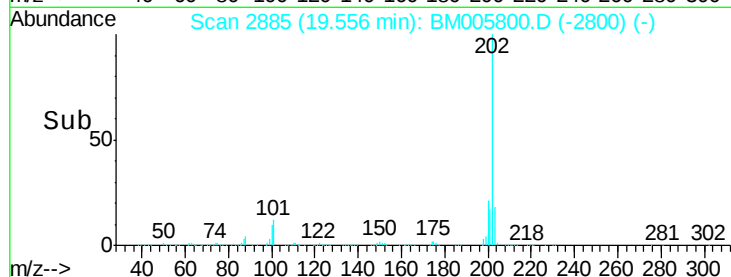
100 10.2 8.9 13.3



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



#32

Benzo(a)anthracene

Concen: 13.23 ng/ul

RT: 21.30 min Scan# 3181

Delta R.T. -0.00 min

Lab File: BM005800.D

Acq: 15 Jun 2016 00:31

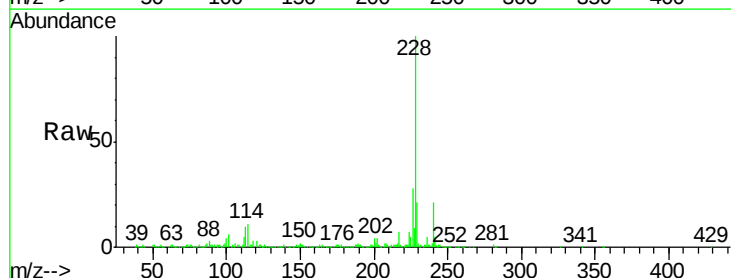
Tgt Ion:228 Resp: 356161

Ion Ratio Lower Upper

228 100

229 20.7 15.6 23.4

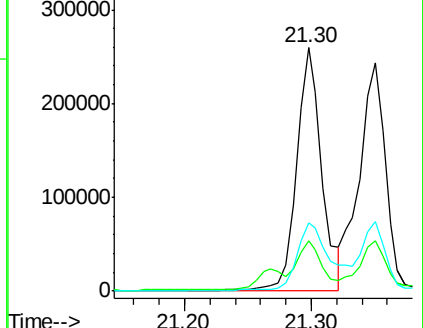
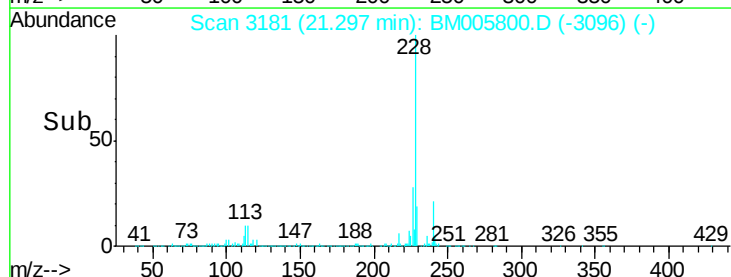
226 28.3 21.6 32.4

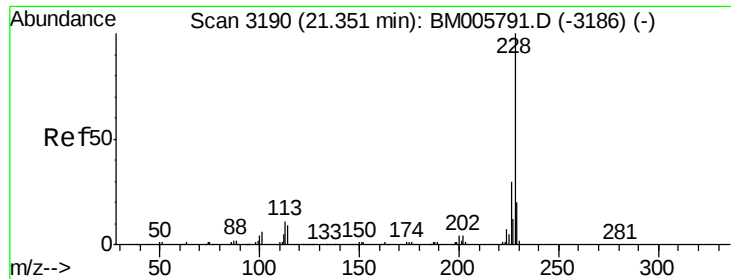


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#33

Chrysene

Concen: 13.06 ng/ul

RT: 21.35 min Scan# 3190

Delta R.T. -0.00 min

Lab File: BM005800.D

Acq: 15 Jun 2016 00:31

Instrument :

BNA_M

ClientSampleId :

D9Y01

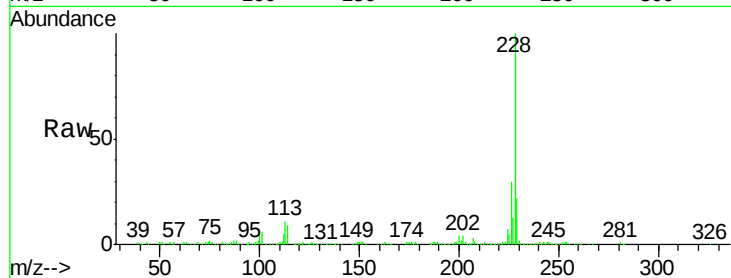
Tgt Ion:228 Resp: 344628

Ion Ratio Lower Upper

228 100

226 30.4 23.8 35.6

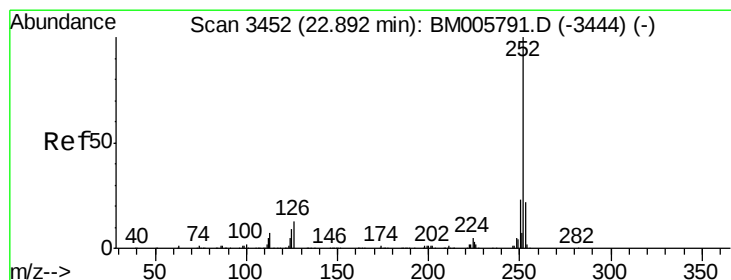
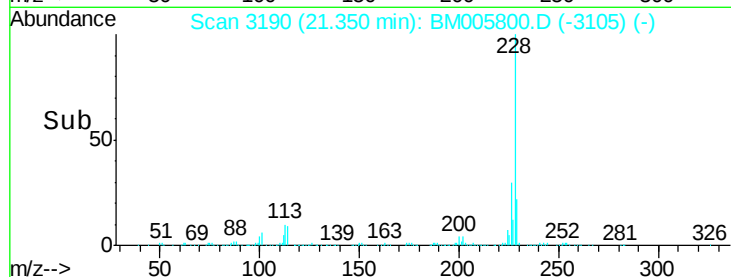
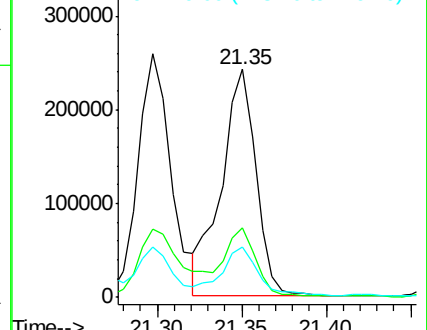
229 22.3 15.8 23.6



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



#35

Benzo(b)fluoranthene

Concen: 17.59 ng/ul

RT: 22.89 min Scan# 3452

Delta R.T. -0.00 min

Lab File: BM005800.D

Acq: 15 Jun 2016 00:31

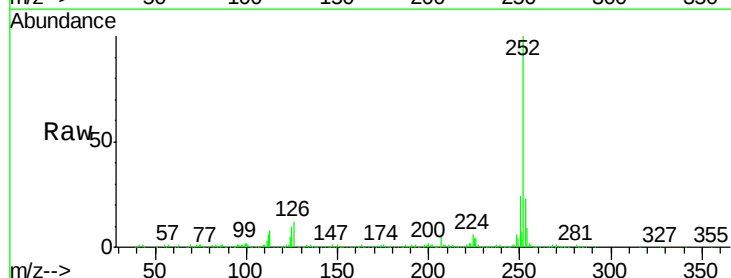
Tgt Ion:252 Resp: 527638

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

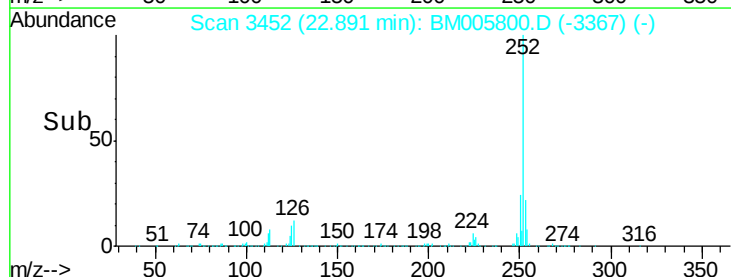
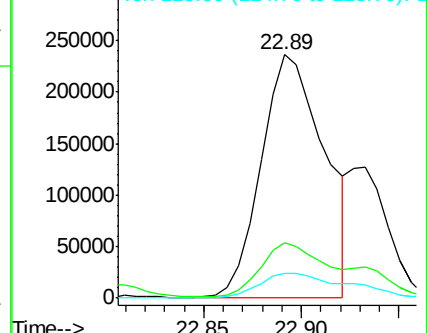
125 10.2 7.8 11.6

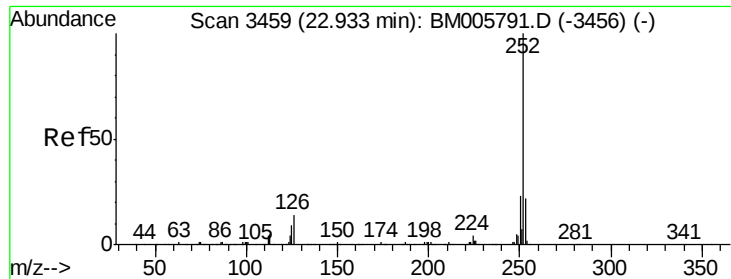


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

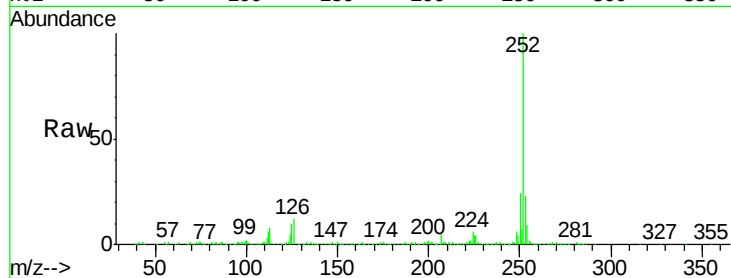




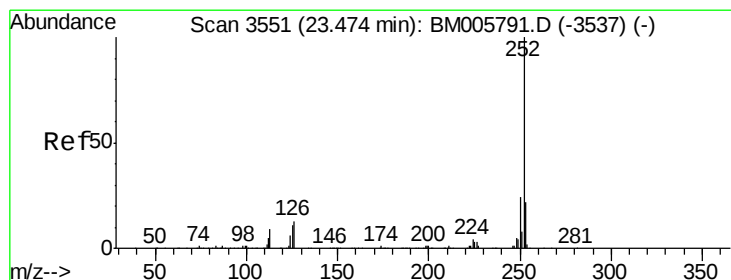
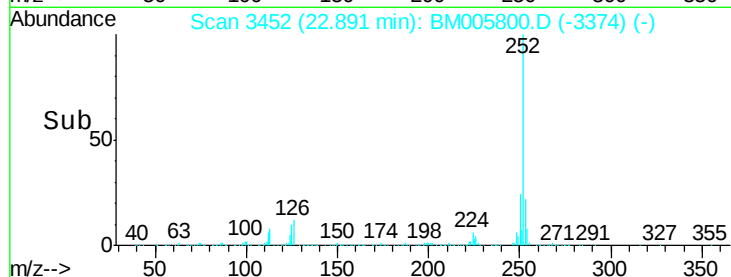
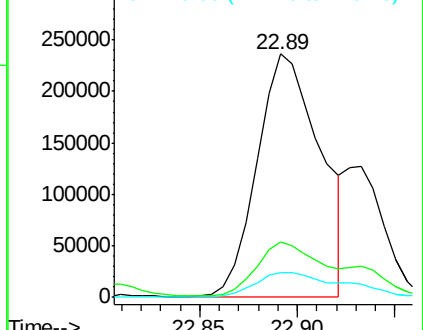
#36
Benzo(k)fluoranthene
Concen: 19.00 ng/u1
RT: 22.89 min Scan# 3452
Delta R.T. -0.04 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Instrument :
BNA_M
ClientSampleId :
D9Y01

Tgt Ion:252 Resp: 527638
Ion Ratio Lower Upper
252 100
253 22.7 17.6 26.4
125 10.2 8.1 12.1

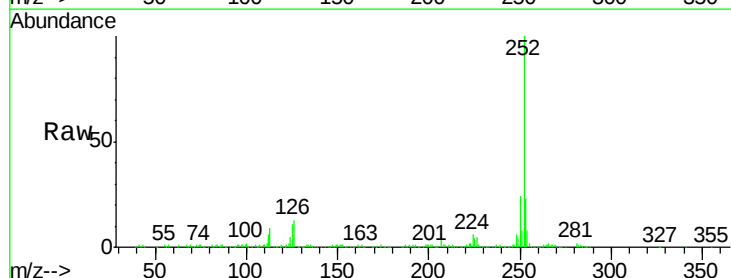


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

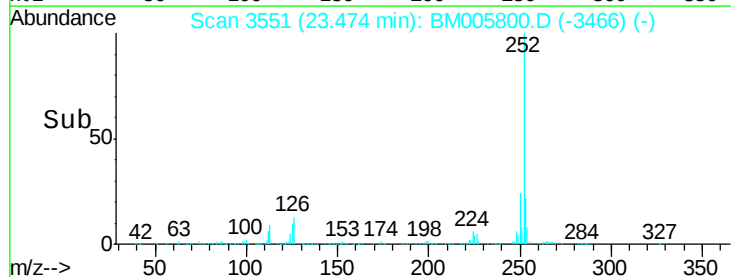
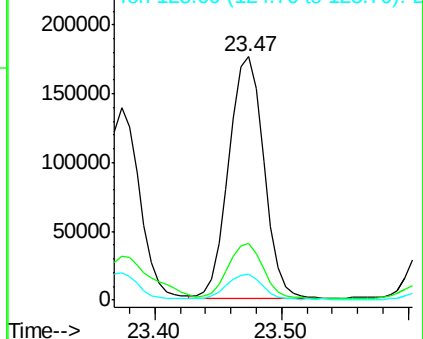


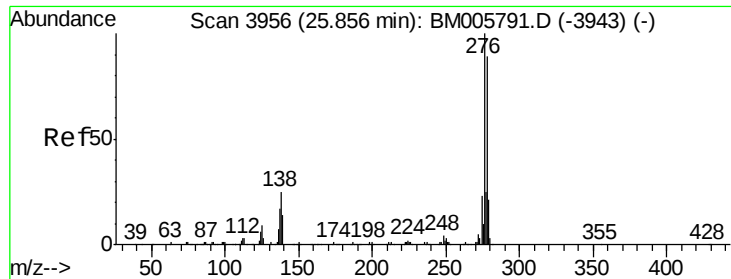
#38
Benzo(a)pyrene
Concen: 11.85 ng/u1
RT: 23.47 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Tgt Ion:252 Resp: 339431
Ion Ratio Lower Upper
252 100
253 23.1 17.8 26.6
125 10.6 8.7 13.1



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





#39

Indeno(1,2,3-cd)pyrene

Concen: 7.96 ng/ul

RT: 25.85 min Scan# 3955

Delta R.T. -0.01 min

Lab File: BM005800.D

Acq: 15 Jun 2016 00:31

Instrument :

BNA_M

ClientSampleId :

D9Y01

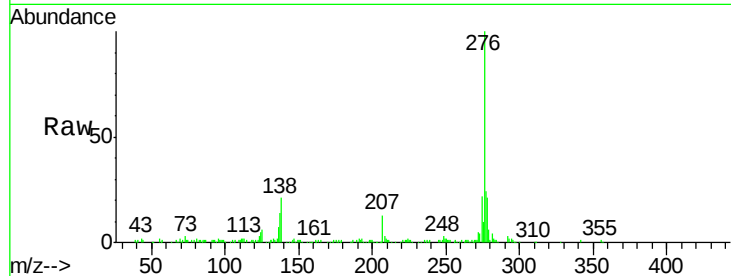
Tgt Ion: 276 Resp: 261565

Ion Ratio Lower Upper

276 100

138 20.8 20.4 30.6

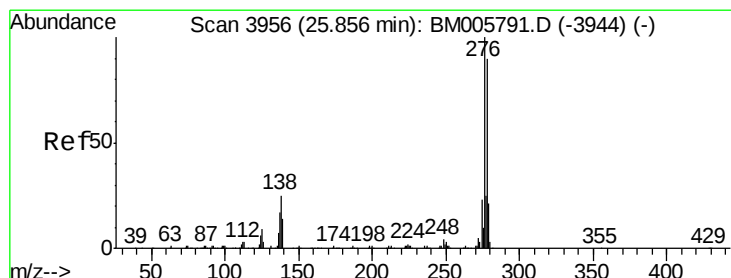
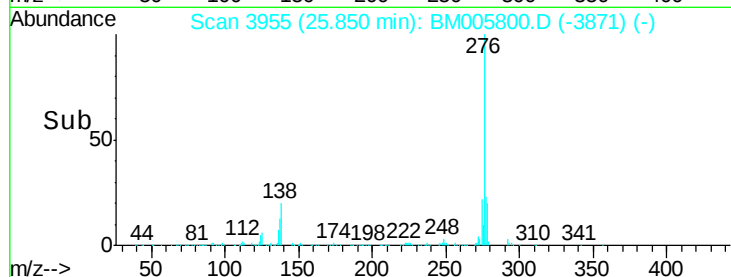
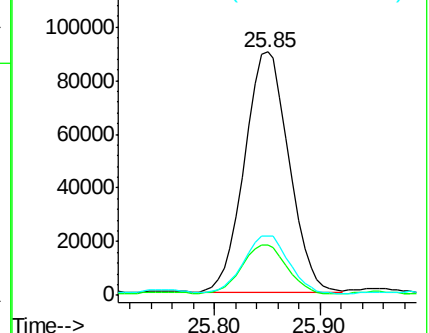
277 24.3 20.6 30.8



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



#40

Dibenzo(a,h)anthracene

Concen: 2.49 ng/ul

RT: 25.84 min Scan# 3954

Delta R.T. -0.01 min

Lab File: BM005800.D

Acq: 15 Jun 2016 00:31

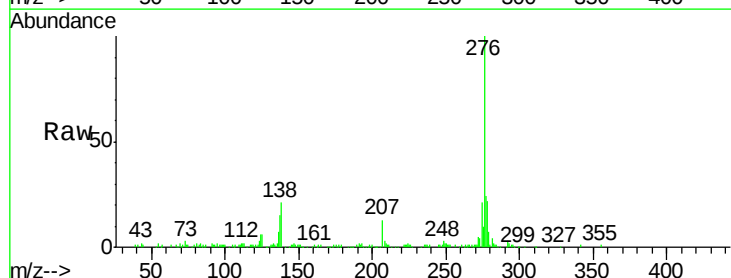
Tgt Ion: 278 Resp: 68479

Ion Ratio Lower Upper

278 100

139 0.0 13.0 19.4#

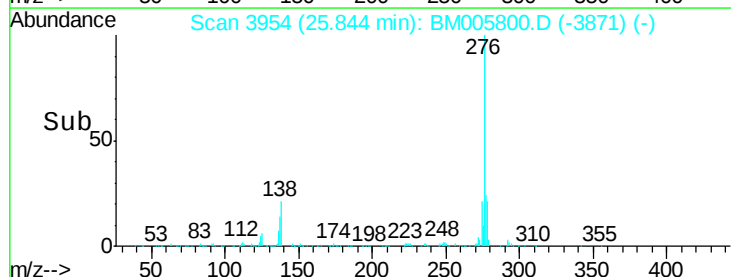
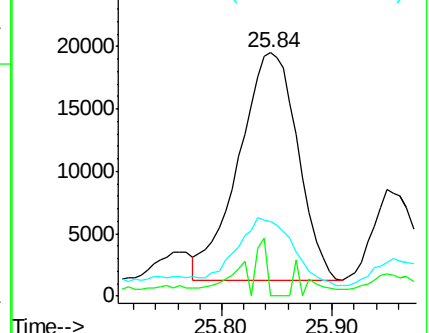
279 30.4 18.8 28.2#

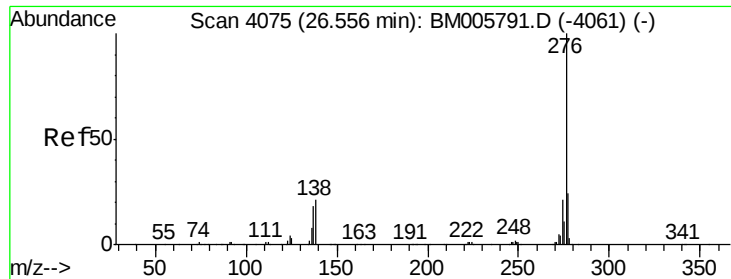


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#41

Benzo(g,h,i)perylene

Concen: 7.82 ng/ul

RT: 26.56 min Scan# 4075

Delta R.T. -0.00 min

Lab File: BM005800.D

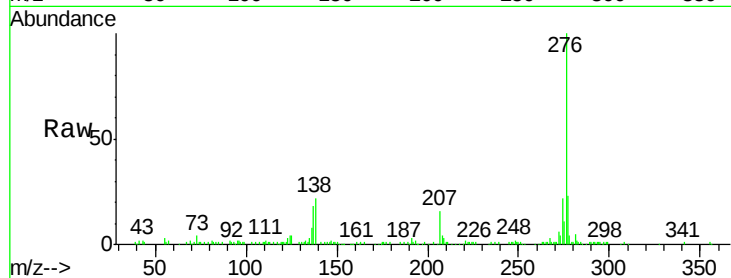
Acq: 15 Jun 2016 00:31

Instrument :

BNA_M

ClientSampleId :

D9Y01



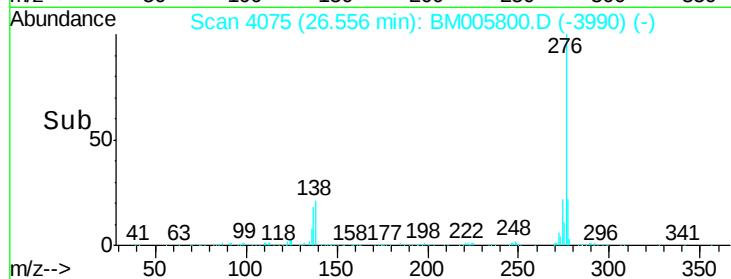
Tgt Ion: 276 Resp: 222373

Ion Ratio Lower Upper

276 100

138 21.6 16.6 25.0

277 23.4 18.9 28.3



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

