

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
 Data File : BM005675.D
 Acq On : 06 Jun 2016 18:22
 Operator : UM/SJ
 Sample : H3412-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XS3

Quant Time: Jun 07 04:27:02 2016
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 07 04:25:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	51167	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	244231	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	145896	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	369394	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	559059	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	644938	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.22	96	1111	0.91	ng/uL	0.00
3) Phenol-d5	6.94	99	53316	11.85	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	35170	12.85	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	44968	12.12	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	25274	7.10	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	21667	11.55	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	22627	11.27	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	42066	11.80	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	40376	9.53	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	142787	12.73	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	184694	12.66	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	13886	8.65	ng/ul	0.00
21) Fluorene-d10	15.39	176	137618	14.29	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	8898	5.12	ng/ul	0.00
26) Anthracene-d10	17.24	188	225759	12.87	ng/ul	0.00
30) Pyrene-d10	19.53	212	296444	10.55	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	371363	12.51	ng/ul	0.00

Target Compounds

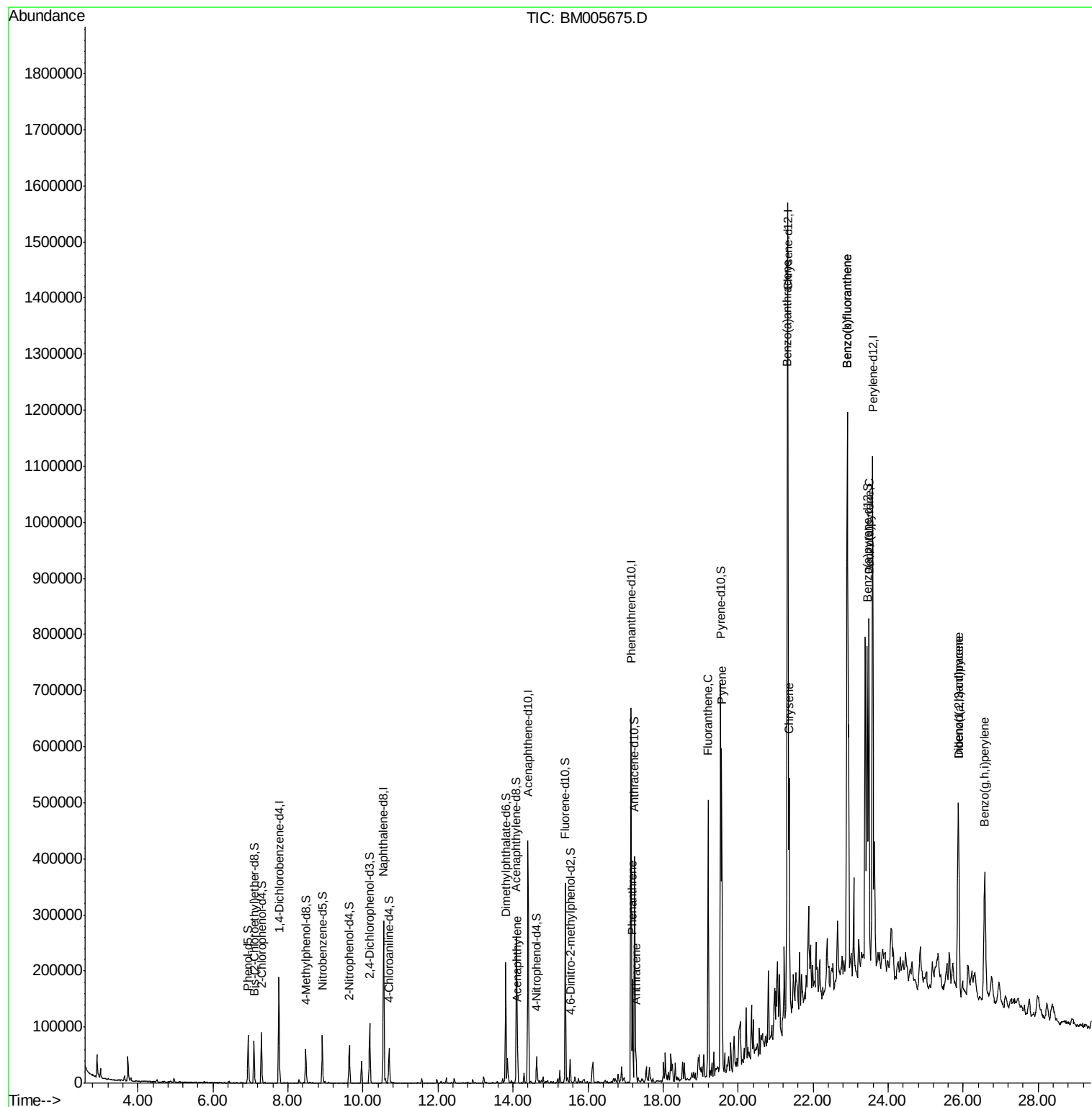
						Qvalue
18) Acenaphthylene	14.12	152	44217	2.93	ng/ul	98
25) Phenanthrene	17.19	178	107647	5.28	ng/ul	99
27) Anthracene	17.27	178	37787	1.82	ng/ul	98
28) Fluoranthene	19.20	202	285339	13.69	ng/ul	98
31) Pyrene	19.56	202	335871	9.52	ng/ul	97
32) Benzo(a)anthracene	21.31	228	238628	7.28	ng/ul	97
33) Chrysene	21.36	228	292482	9.44	ng/ul	97
35) Benzo(b)fluoranthene	22.91	252	847130	21.78	ng/ul	98
36) Benzo(k)fluoranthene	22.91	252	847130	23.22	ng/ul	98
38) Benzo(a)pyrene	23.49	252	435608	11.64	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	25.87	276	308812	6.97	ng/ul	97
40) Dibenzo(a,h)anthracene	25.87	278	88305	2.38	ng/ul#	82
41) Benzo(g,h,i)perylene	26.58	276	281219	7.57	ng/ul#	94

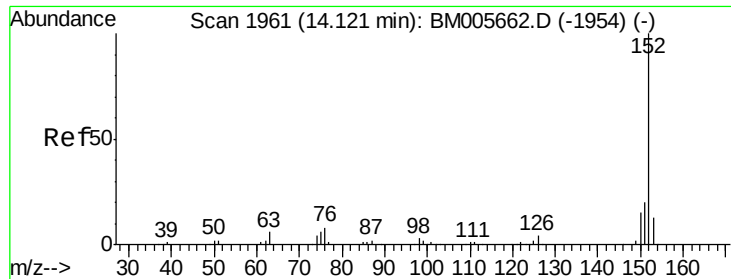
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 07 04:25:20 2016
Response via : Initial Calibration





#18

Acenaphthylene

Concen: 2.93 ng/ul

RT: 14.12 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BM005675.D

Acq: 06 Jun 2016 18:22

Instrument :

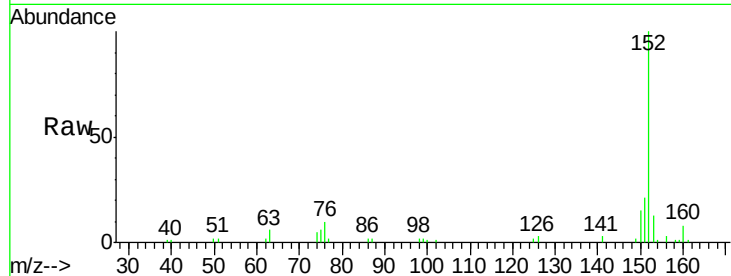
BNA_M

ClientSampleId :

D9XS3

Tgt Ion:152 Resp: 44217

Ion	Ratio	Lower	Upper
152	100		
151	20.5	17.3	25.9
153	13.5	11.1	16.7

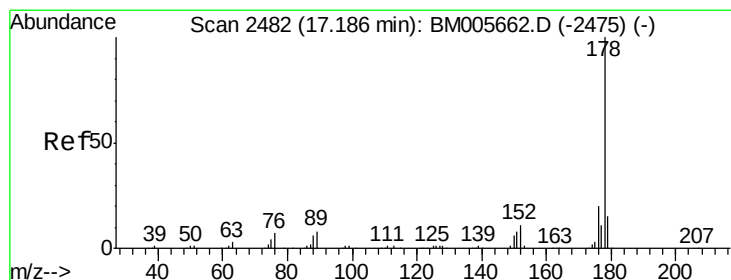
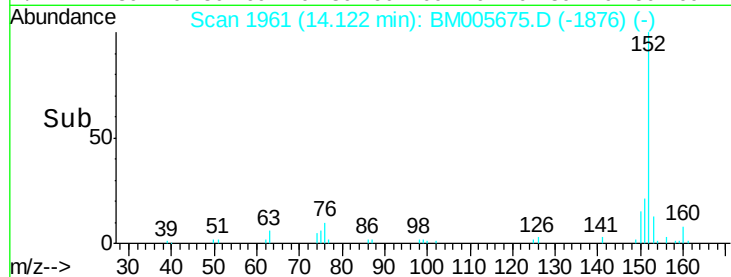
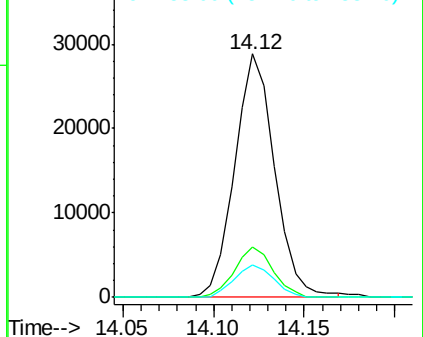


Abundance

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: 5.28 ng/ul

RT: 17.19 min Scan# 2482

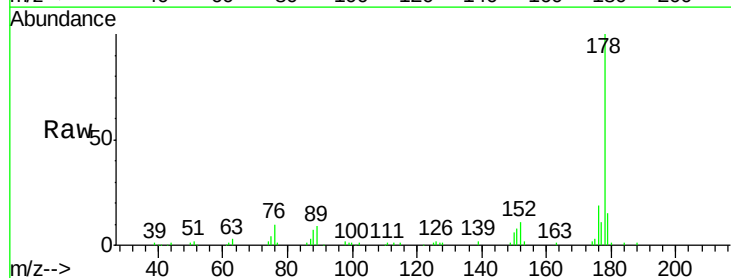
Delta R.T. 0.00 min

Lab File: BM005675.D

Acq: 06 Jun 2016 18:22

Tgt Ion:178 Resp: 107647

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	19.4	14.8	22.2

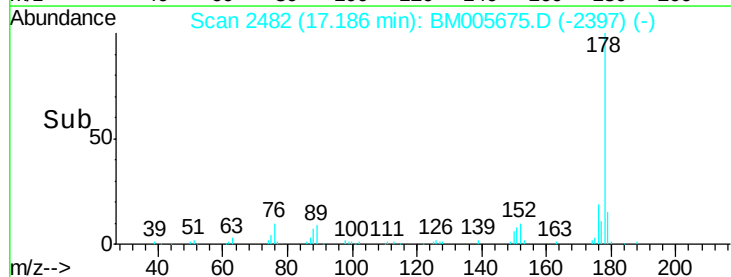
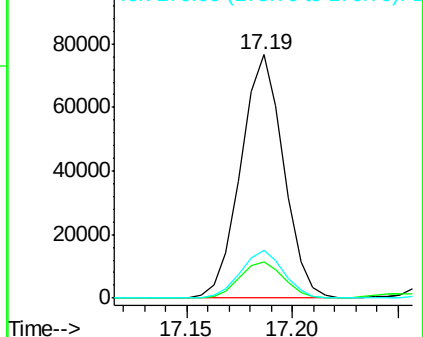


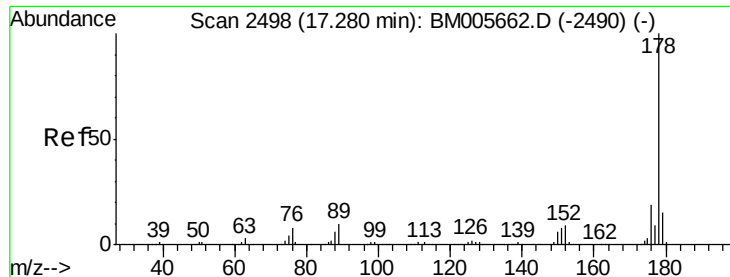
Abundance

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





#27

Anthracene

Concen: 1.82 ng/ul

RT: 17.27 min Scan# 2497

Delta R.T. -0.01 min

Lab File: BM005675.D

Acq: 06 Jun 2016 18:22

Instrument :

BNA_M

ClientSampleId :

D9XS3

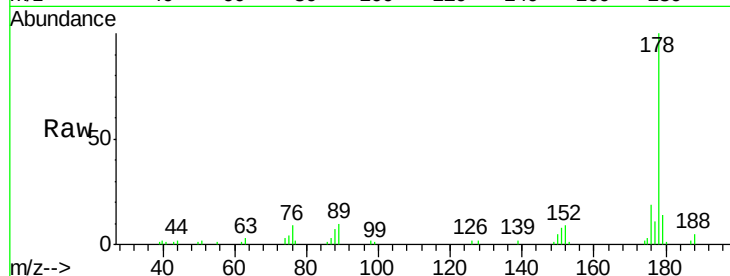
Tgt Ion:178 Resp: 37787

Ion Ratio Lower Upper

178 100

179 13.9 12.9 19.3

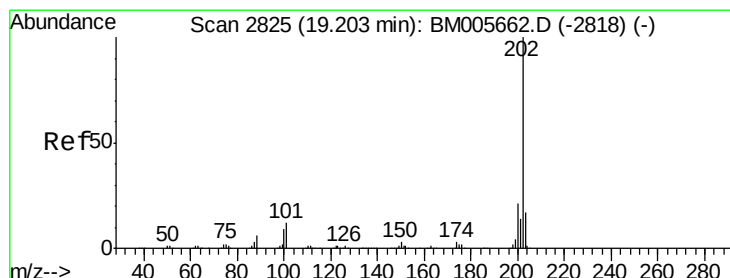
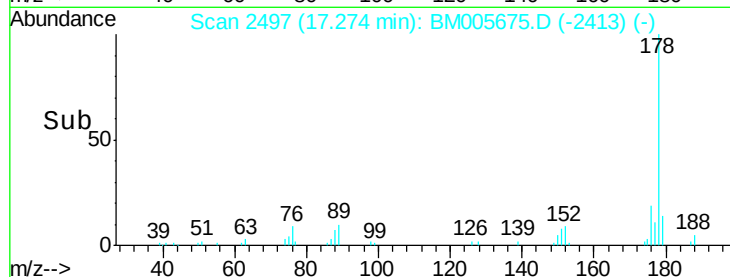
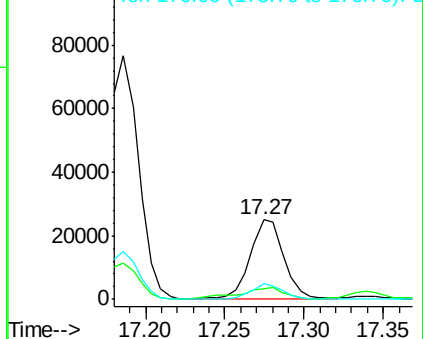
176 19.4 15.6 23.4



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



#28

Fluoranthene

Concen: 13.69 ng/ul

RT: 19.20 min Scan# 2825

Delta R.T. 0.00 min

Lab File: BM005675.D

Acq: 06 Jun 2016 18:22

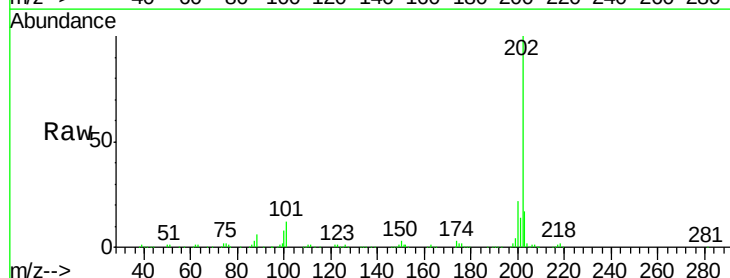
Tgt Ion:202 Resp: 285339

Ion Ratio Lower Upper

202 100

101 11.8 8.9 13.3

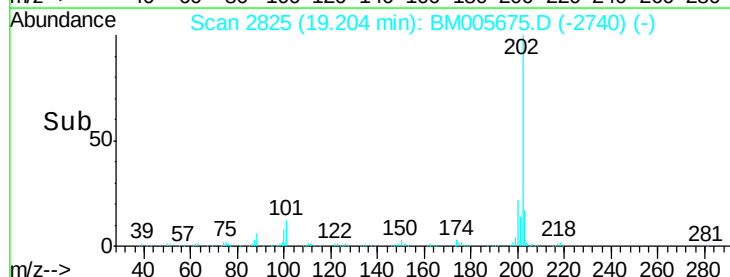
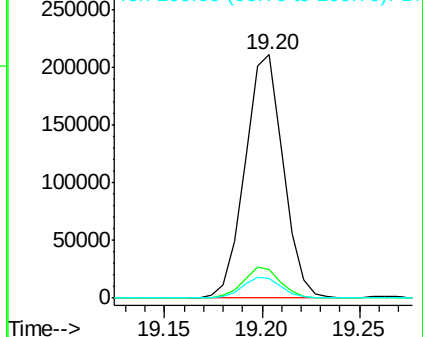
100 8.2 7.0 10.4

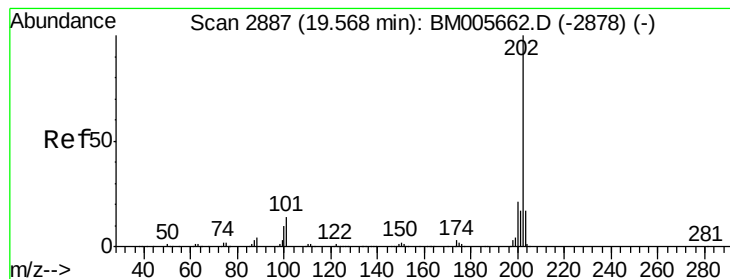


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#31

Pyrene

Concen: 9.52 ng/ul

RT: 19.56 min Scan# 2886

Delta R.T. -0.01 min

Lab File: BM005675.D

Acq: 06 Jun 2016 18:22

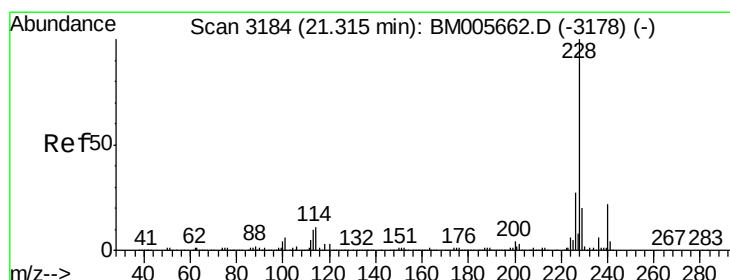
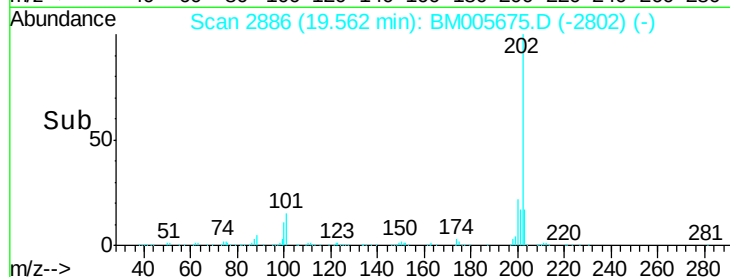
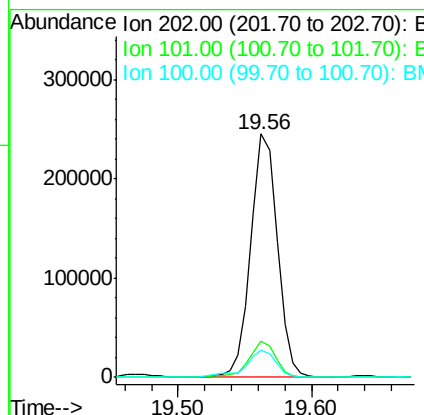
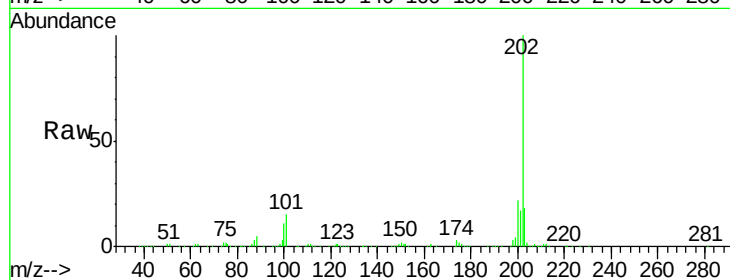
Instrument :

BNA_M

ClientSampleId :

D9XS3

Tgt Ion:	202	Resp:	335871
Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.8	14.8
100	11.4	9.3	13.9



#32

Benzo(a)anthracene

Concen: 7.28 ng/ul

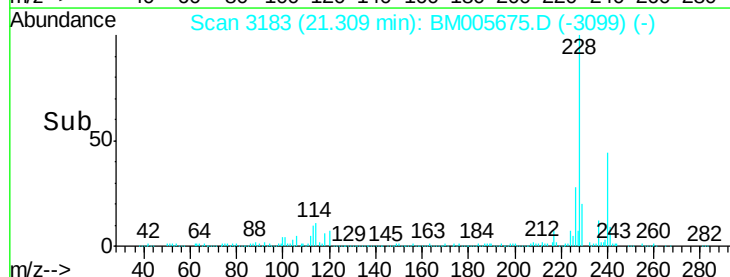
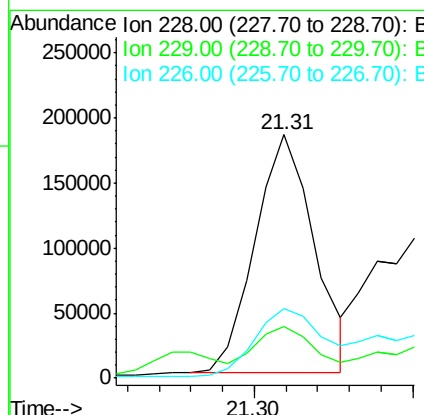
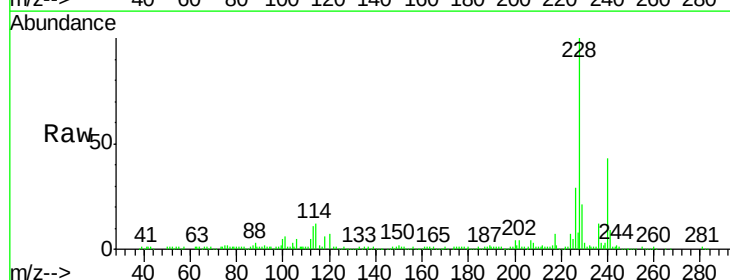
RT: 21.31 min Scan# 3183

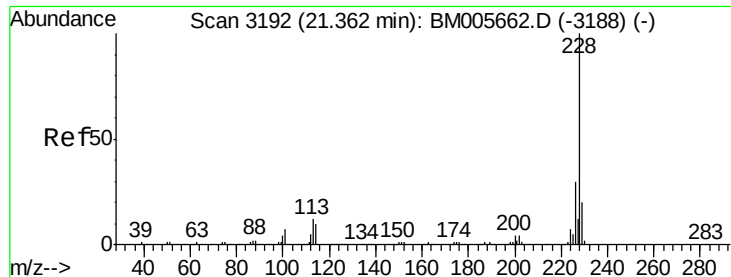
Delta R.T. -0.01 min

Lab File: BM005675.D

Acq: 06 Jun 2016 18:22

Tgt Ion:	228	Resp:	238628
Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.6	25.0
226	28.8	21.0	31.4





#33

Chrysene

Concen: 9.44 ng/ul

RT: 21.36 min Scan# 3192

Delta R.T. 0.00 min

Lab File: BM005675.D

Acq: 06 Jun 2016 18:22

Instrument :

BNA_M

ClientSampleId :

D9XS3

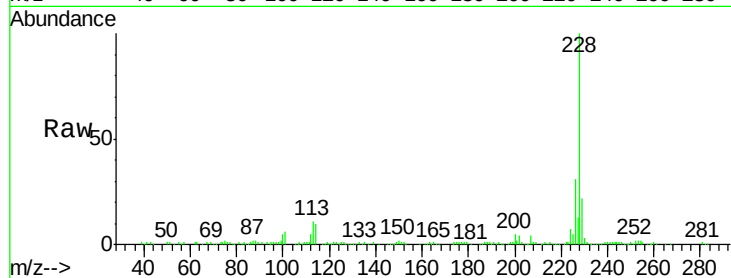
Tgt Ion:228 Resp: 292482

Ion Ratio Lower Upper

228 100

226 30.8 23.4 35.2

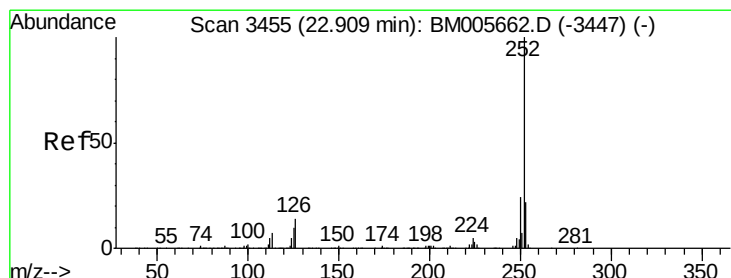
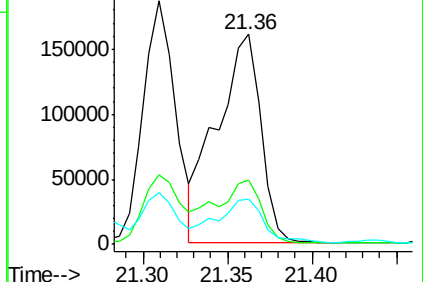
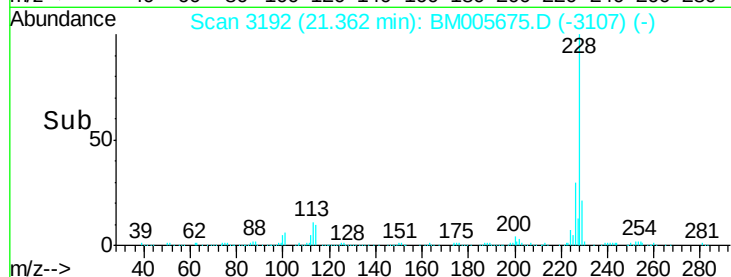
229 21.5 16.2 24.2



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: 21.78 ng/ul

RT: 22.91 min Scan# 3455

Delta R.T. 0.00 min

Lab File: BM005675.D

Acq: 06 Jun 2016 18:22

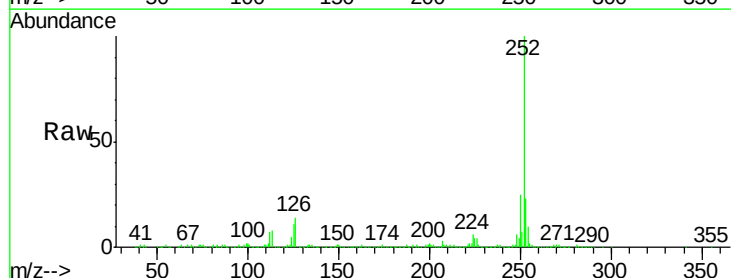
Tgt Ion:252 Resp: 847130

Ion Ratio Lower Upper

252 100

253 23.0 18.1 27.1

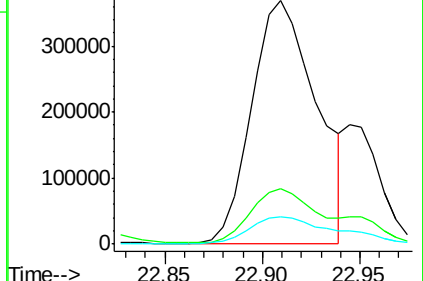
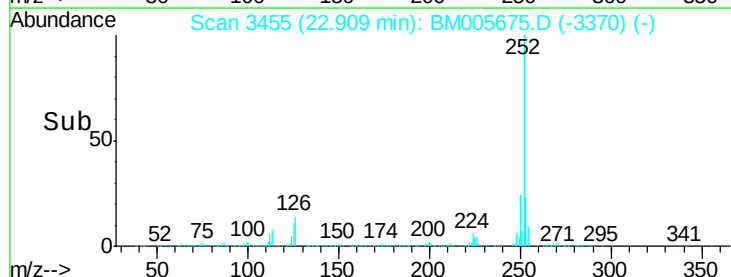
125 11.3 7.6 11.4

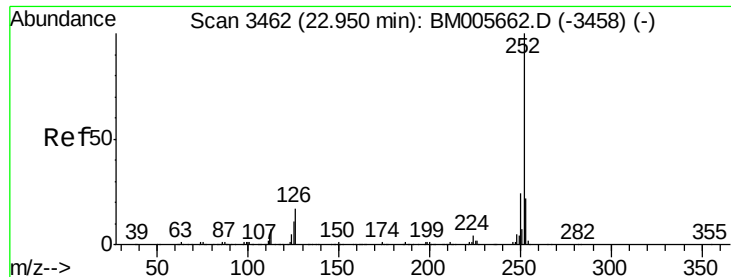


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

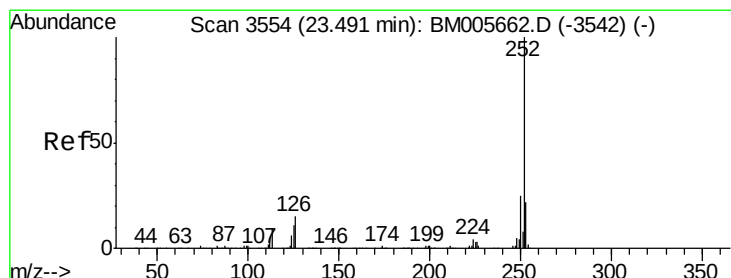
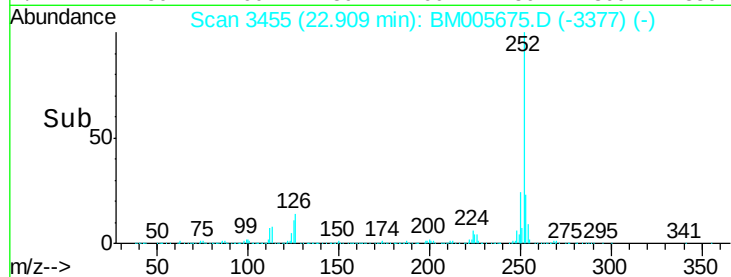
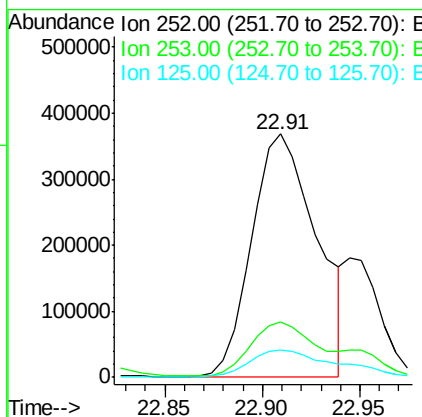
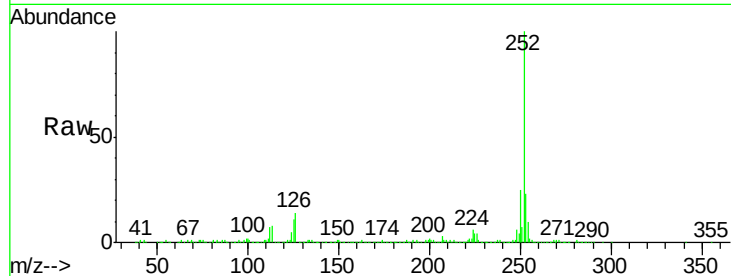




#36
Benzo(k)fluoranthene
Concen: 23.22 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. -0.04 min
Lab File: BM005675.D
Acq: 06 Jun 2016 18:22

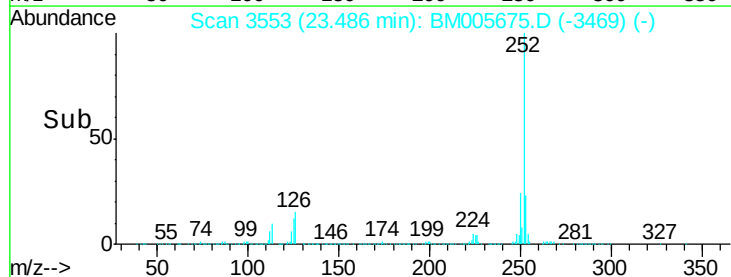
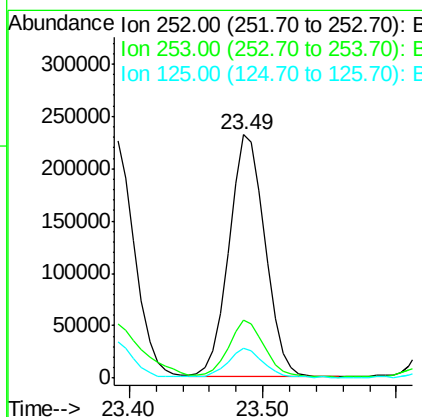
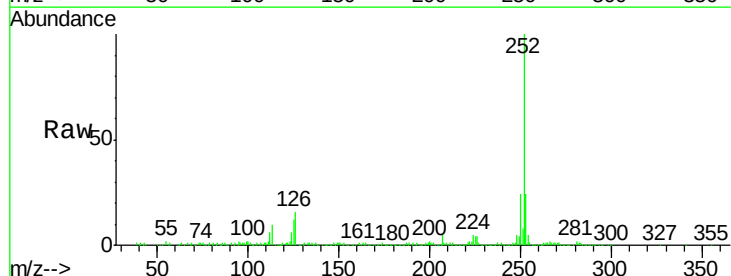
Instrument :
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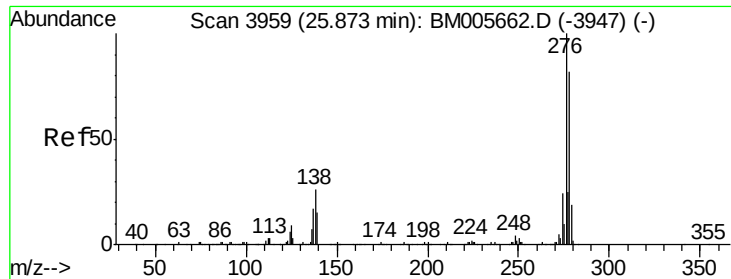
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.8	26.8
125	11.3	7.7	11.5



#38
Benzo(a)pyrene
Concen: 11.64 ng/ul
RT: 23.49 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BM005675.D
Acq: 06 Jun 2016 18:22

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.4	26.0
125	12.3	8.2	12.2#





#39

Indeno(1,2,3-cd)pyrene

Concen: 6.97 ng/ul

RT: 25.87 min Scan# 3959

Delta R.T. 0.00 min

Lab File: BM005675.D

Acq: 06 Jun 2016 18:22

Instrument :

BNA_M

ClientSampleId :

D9XS3

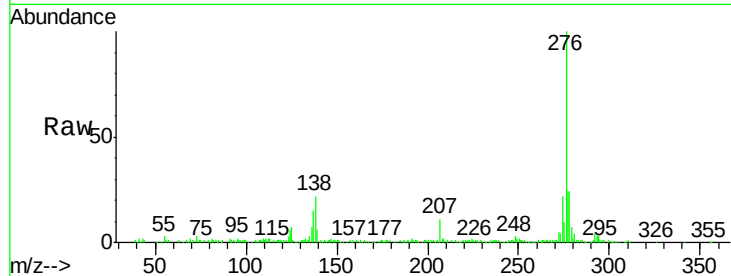
Tgt Ion:276 Resp: 308812

Ion Ratio Lower Upper

276 100

138 22.0 15.8 23.6

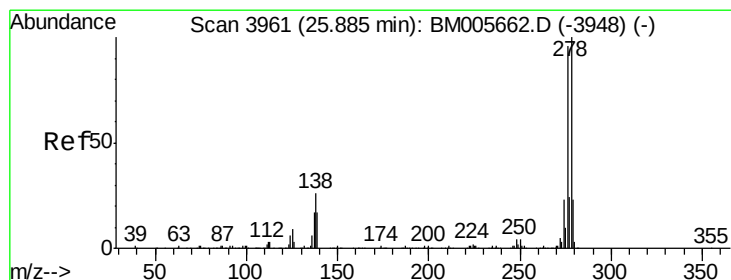
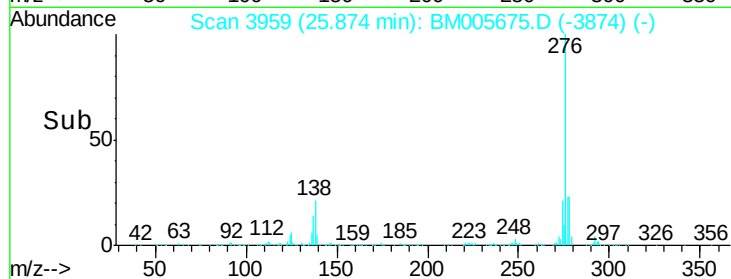
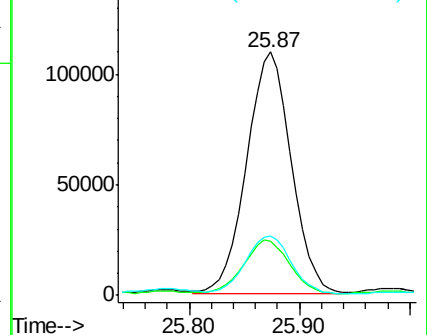
277 24.2 19.0 28.6



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: 2.38 ng/ul

RT: 25.87 min Scan# 3958

Delta R.T. -0.02 min

Lab File: BM005675.D

Acq: 06 Jun 2016 18:22

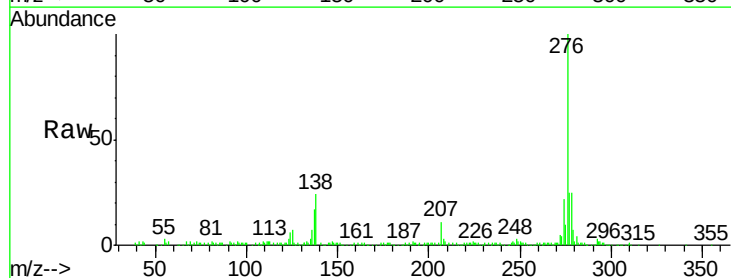
Tgt Ion:278 Resp: 88305

Ion Ratio Lower Upper

278 100

139 0.0 12.1 18.1#

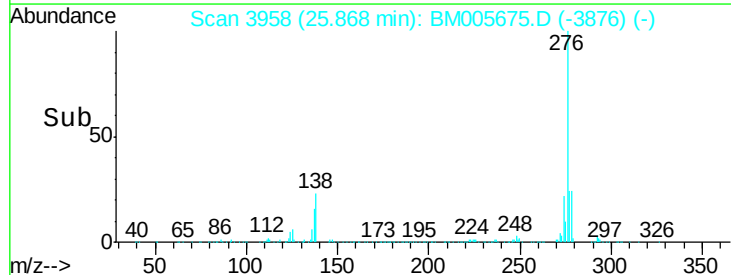
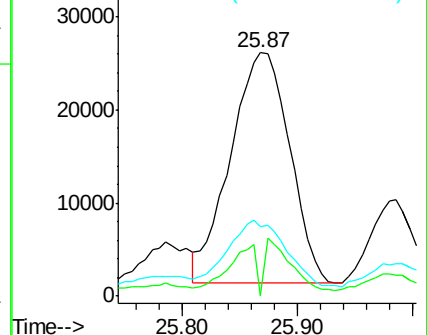
279 28.6 19.8 29.8

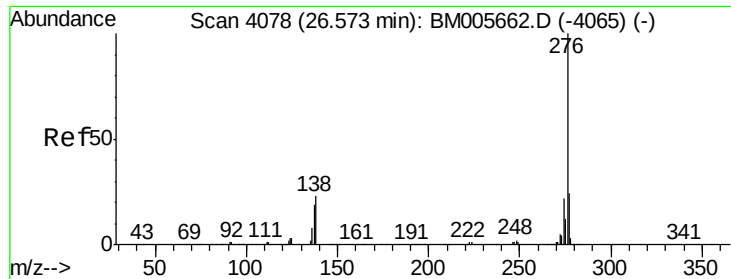


Abundance Ion 278.00 (277.70 to 278.70): E

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: 7.57 ng/ul

RT: 26.58 min Scan# 4079

Delta R.T. 0.01 min

Lab File: BM005675.D

Acq: 06 Jun 2016 18:22

Instrument :

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ClientSampleId :

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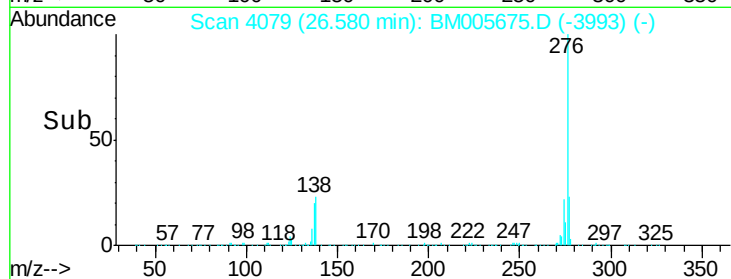
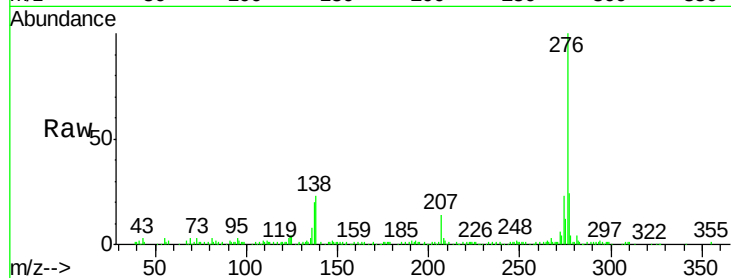
Tgt Ion: 276 Resp: 281219

Ion Ratio Lower Upper

276 100

138 23.1 13.9 20.9#

277 24.1 19.8 29.6



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

