

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
 Data File : BM005677.D
 Acq On : 06 Jun 2016 19:36
 Operator : UM/SJ
 Sample : H3412-04
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 D9XS5

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Quant Time: Jun 07 04:57:39 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	147920	20.00	ng/ul	0.00
7) Naphthalene-d8	10.55	136	599095	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.40	164	283843	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.14	188	556433	20.00	ng/ul	0.00
29) Chrysene-d12	21.33	240	556515	20.00	ng/ul	0.00
34) Perylene-d12	23.59	264	586057	20.00	ng/ul	0.00

System Monitoring Compounds

2) 1,4-Dioxane-d8	3.22	96	3665	1.04	ng/uL	0.00
3) Phenol-d5	6.94	99	111076	8.54	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.09	67	93496	11.81	ng/ul	0.00
5) 2-Chlorophenol-d4	7.29	132	105267	9.81	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	38650	3.76	ng/ul	0.00
8) Nitrobenzene-d5	8.92	128	53426	11.61	ng/ul	0.00
9) 2-Nitrophenol-d4	9.64	143	55921	11.36	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.18	165	81414	9.31	ng/ul	0.00
12) 4-Chloroaniline-d4	10.69	131	56554	5.44	ng/ul	0.00
16) Dimethylphthalate-d6	13.81	166	269709	12.36	ng/ul	0.00
17) Acenaphthylene-d8	14.09	160	347182	12.23	ng/ul	0.00
20) 4-Nitrophenol-d4	14.63	143	19960m	6.39	ng/ul	0.00
21) Fluorene-d10	15.39	176	231437	12.35	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	13930	5.32	ng/ul	0.00
26) Anthracene-d10	17.24	188	319542	12.09	ng/ul	0.00
30) Pyrene-d10	19.54	212	340145	12.16	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.44	264	320867	11.90	ng/ul	0.00

Target Compounds

						Qvalue
18) Acenaphthylene	14.12	152	64382	2.19	ng/ul	97
25) Phenanthrene	17.19	178	366136	11.92	ng/ul	98
27) Anthracene	17.28	178	73116	2.34	ng/ul	99
28) Fluoranthene	19.20	202	647190	20.62	ng/ul	98
31) Pyrene	19.57	202	545285	15.53	ng/ul	97
32) Benzo(a)anthracene	21.31	228	350410	10.74	ng/ul	97
33) Chrysene	21.36	228	370007	12.00	ng/ul	96
35) Benzo(b)fluoranthene	22.91	252	624889	17.68	ng/ul	98
36) Benzo(k)fluoranthene	22.95	252	192539m	5.81	ng/ul	
38) Benzo(a)pyrene	23.49	252	367312	10.80	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.87	276	317114	7.88	ng/ul	96
40) Dibenzo(a,h)anthracene	25.88	278	88146	2.61	ng/ul#	92
41) Benzo(g,h,i)perylene	26.58	276	304282	9.01	ng/ul#	94

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

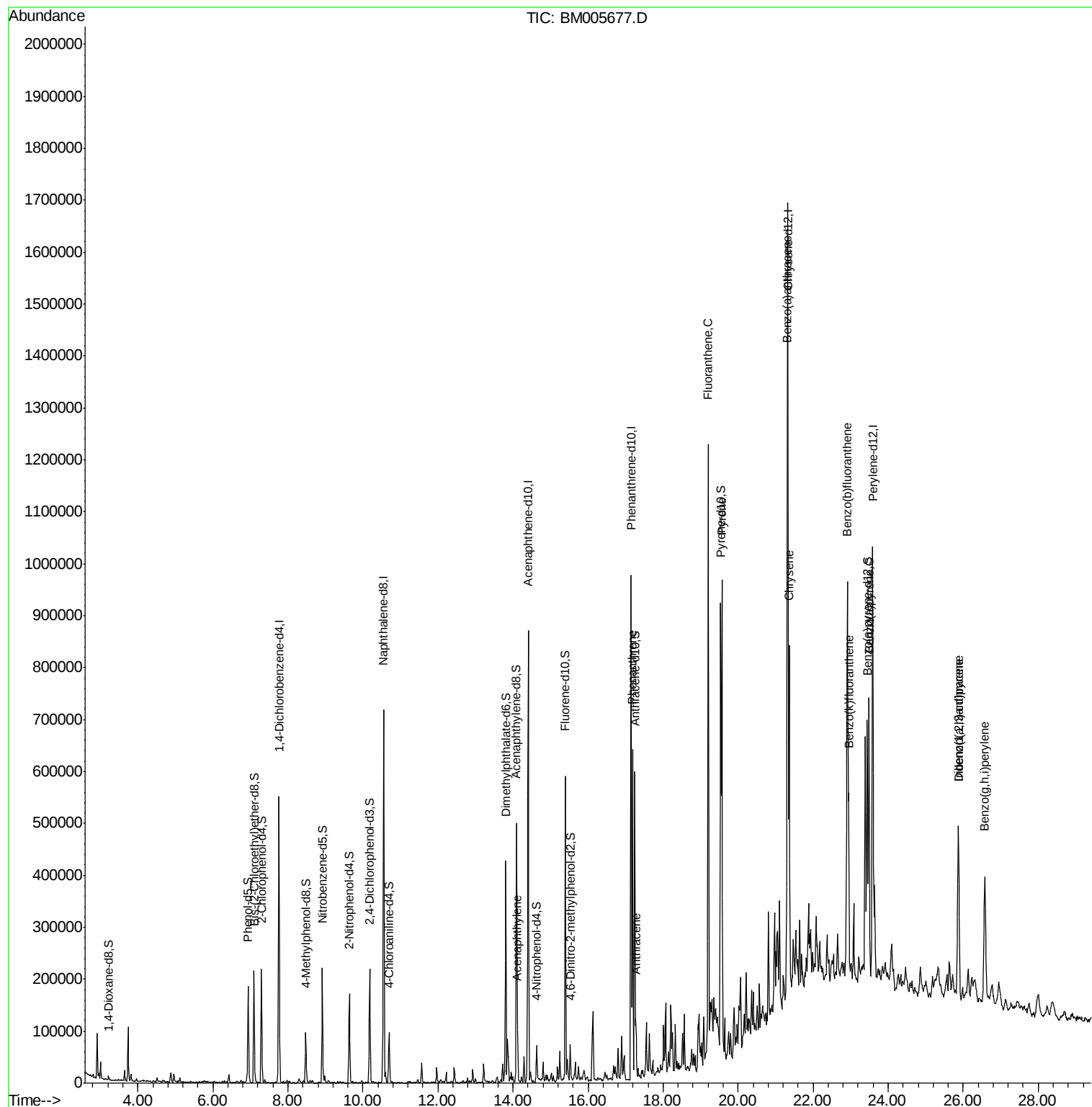
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005677.D
Acq On : 06 Jun 2016 19:36
Operator : UM/SJ
Sample : H3412-04
Misc :
ALS Vial : 16 Sample Multiplier: 1

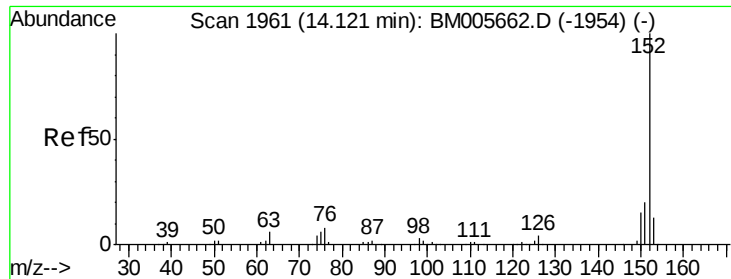
Instrument :
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Quant Time: Jun 07 04:57:39 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM060216.M
Quant Title : SVOA CALIBRATION
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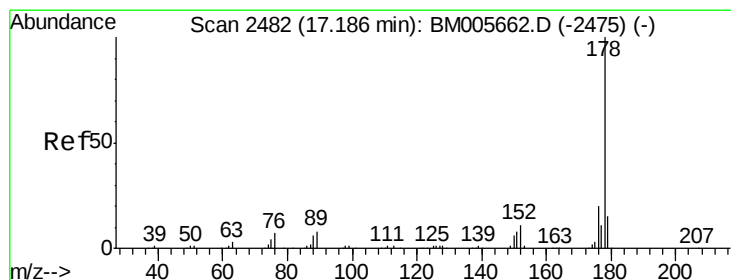
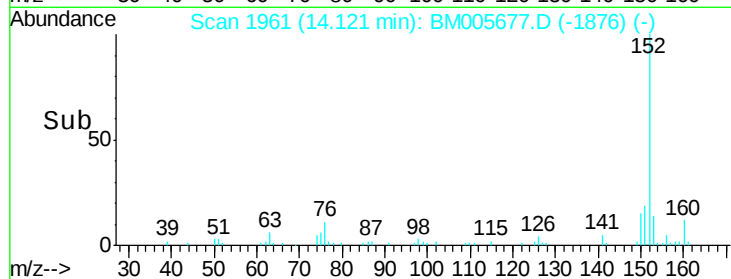
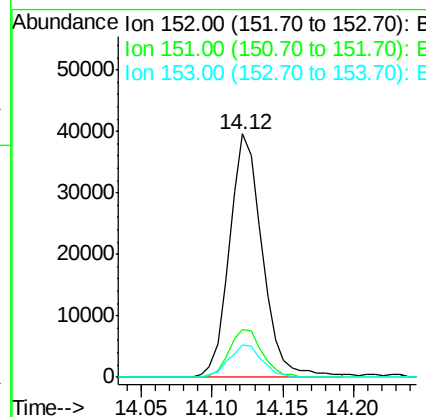
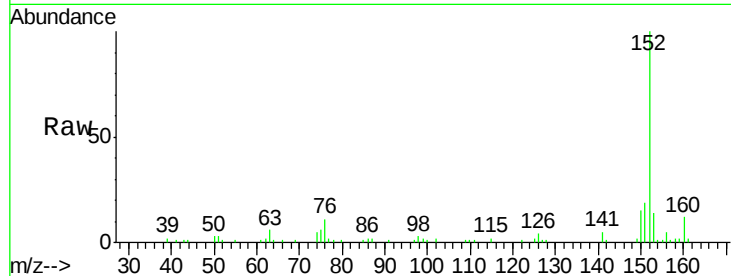
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Acenaphthylene
Concen: 2.19 ng/ul
RT: 14.12 min Scan# 1961
Delta R.T. 0.00 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Instrument :
BNA_M
ClientSampled :
D9XS5

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.4	17.3	25.9
153	13.6	11.1	16.7

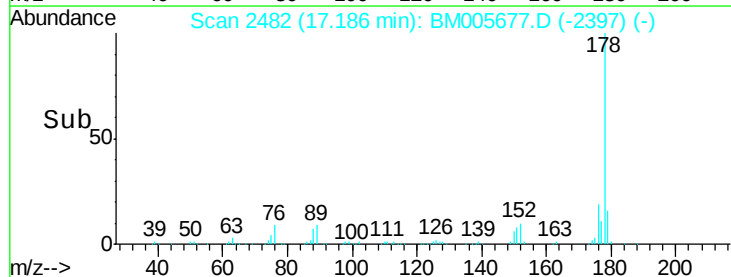
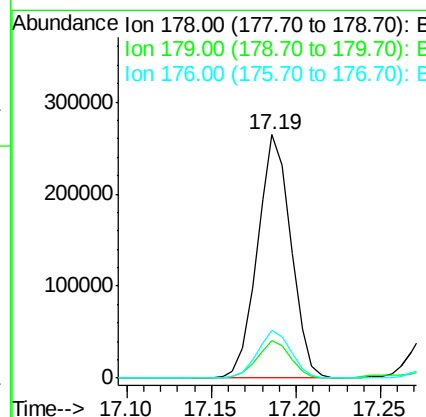
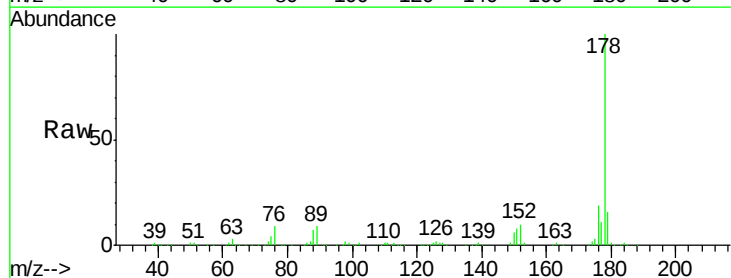
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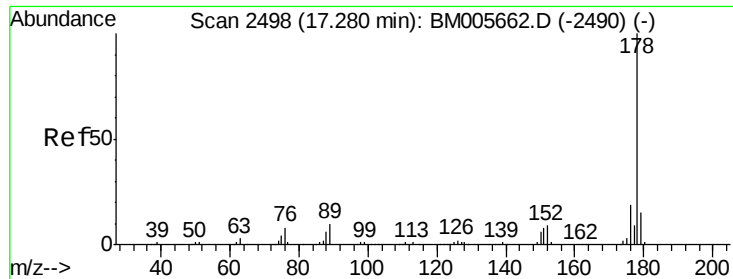
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#25
Phenanthrene
Concen: 11.92 ng/ul
RT: 17.19 min Scan# 2482
Delta R.T. 0.00 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	19.4	14.8	22.2





#27

Anthracene

Concen: 2.34 ng/ul

RT: 17.28 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BM005677.D

Acq: 06 Jun 2016 19:36

Instrument :

BNA_M

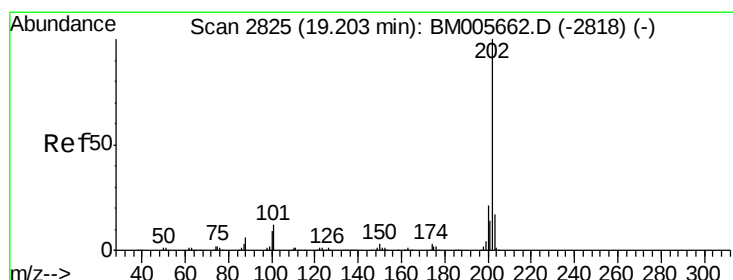
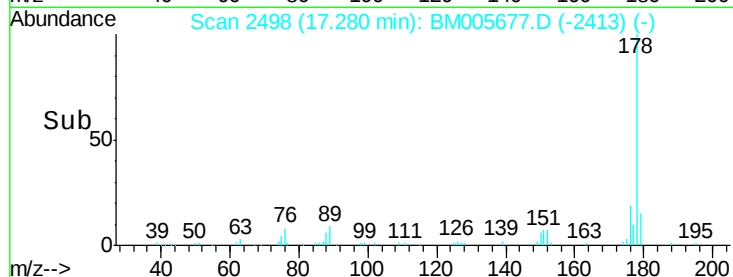
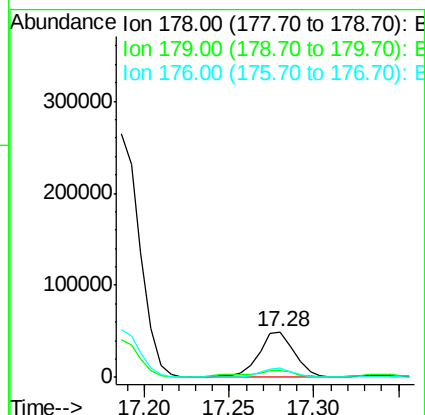
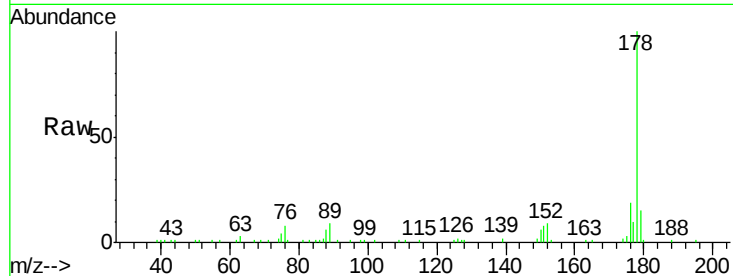
ClientSampleId :

D9XS5

Tgt Ion:	178	Resp:	73116
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.9	19.3
176	19.3	15.6	23.4

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#28

Fluoranthene

Concen: 20.62 ng/ul

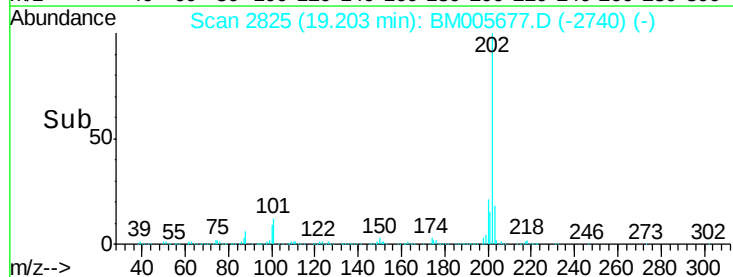
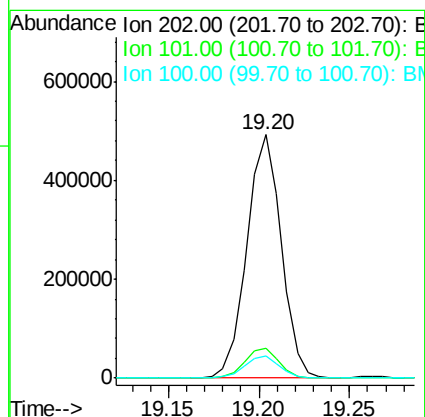
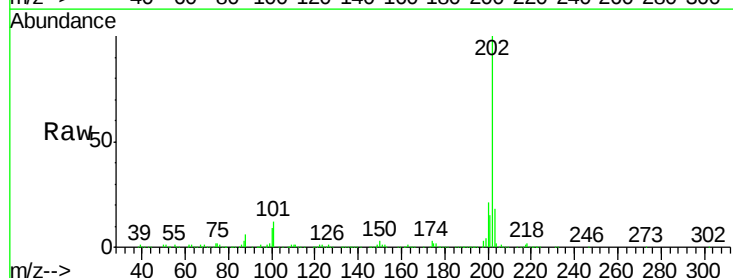
RT: 19.20 min Scan# 2825

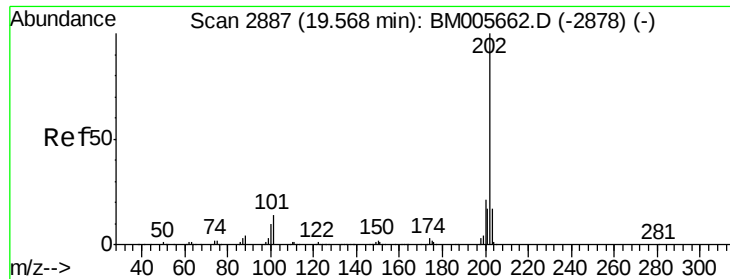
Delta R.T. 0.00 min

Lab File: BM005677.D

Acq: 06 Jun 2016 19:36

Tgt Ion:	202	Resp:	647190
Ion Ratio	Lower	Upper	
202	100		
101	12.0	8.9	13.3
100	9.0	7.0	10.4





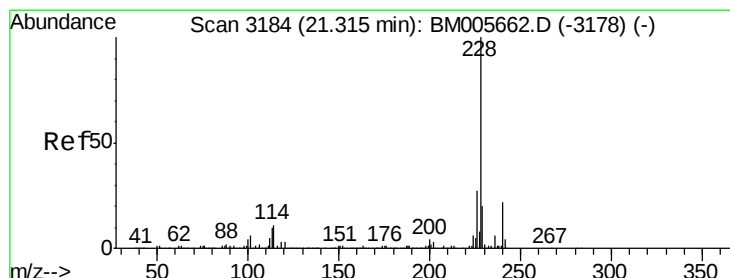
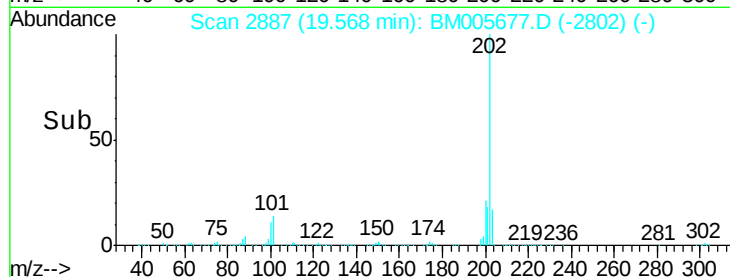
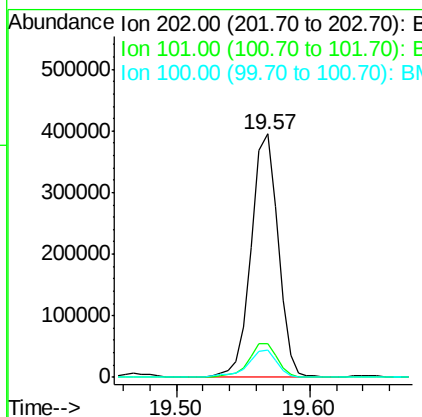
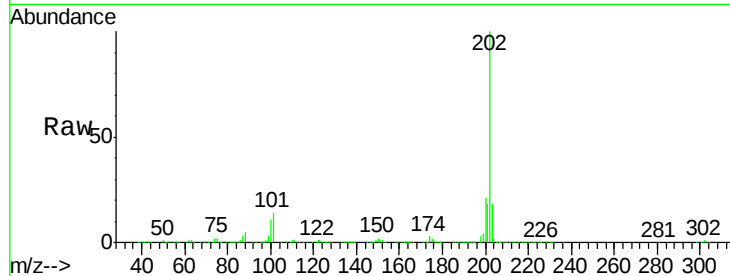
#31
 Pyrene
 Concen: 15.53 ng/ul
 RT: 19.57 min Scan# 2887
 Delta R.T. 0.00 min
 Lab File: BM005677.D
 Acq: 06 Jun 2016 19:36

Instrument :
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 ClientSampleId :
 D9XS5

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		545285		
101	14.0		9.8	14.8	
100	11.0		9.3	13.9	

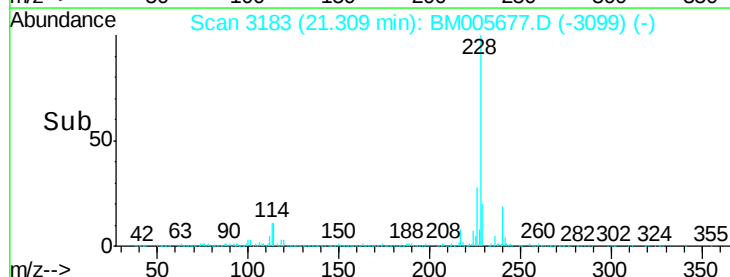
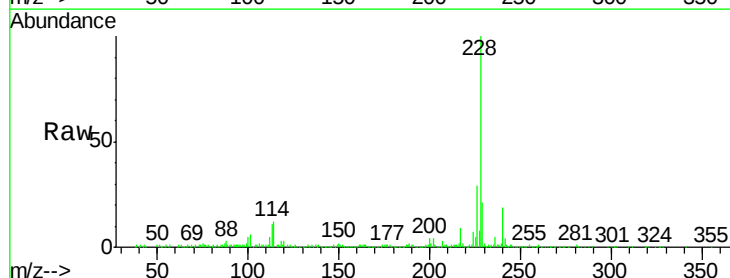
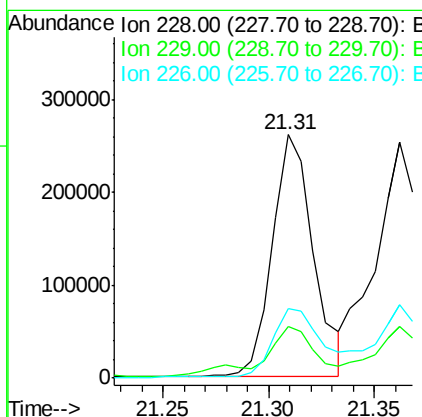
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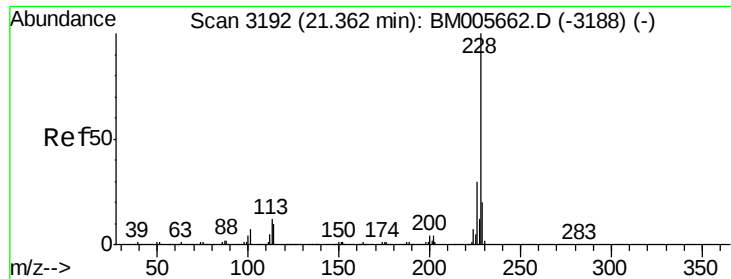
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#32
 Benzo(a)anthracene
 Concen: 10.74 ng/ul
 RT: 21.31 min Scan# 3183
 Delta R.T. -0.01 min
 Lab File: BM005677.D
 Acq: 06 Jun 2016 19:36

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		350410		
229	21.2		16.6	25.0	
226	28.6		21.0	31.4	





#33

Chrysene

Concen: 12.00 ng/ul

RT: 21.36 min Scan# 3192

Delta R.T. 0.00 min

Lab File: BM005677.D

Acq: 06 Jun 2016 19:36

Instrument :

BNA_M

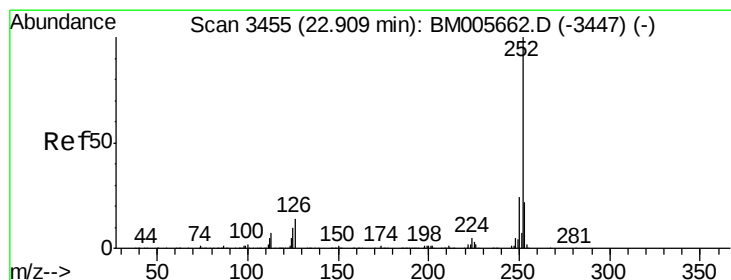
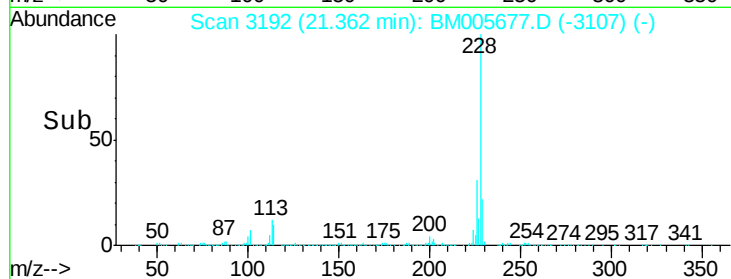
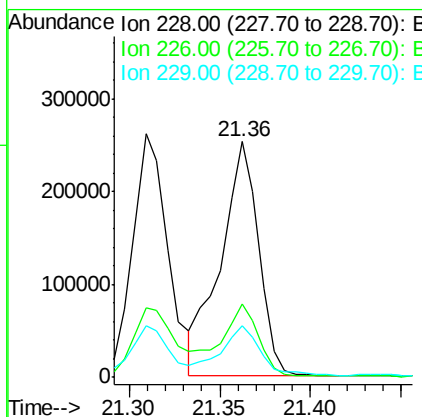
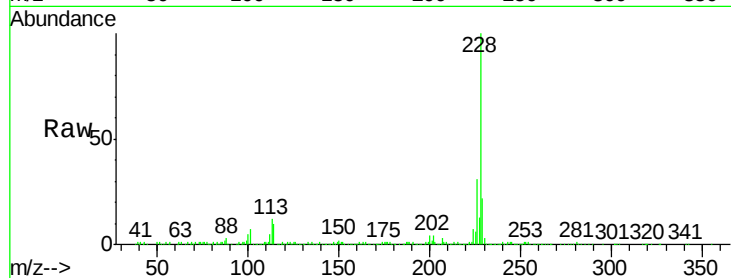
ClientSampleId :

D9XS5

Tgt Ion:	228	Resp:	370007
Ion Ratio	Lower	Upper	
228	100		
226	30.9	23.4	35.2
229	22.1	16.2	24.2

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#35

Benzo(b)fluoranthene

Concen: 17.68 ng/ul

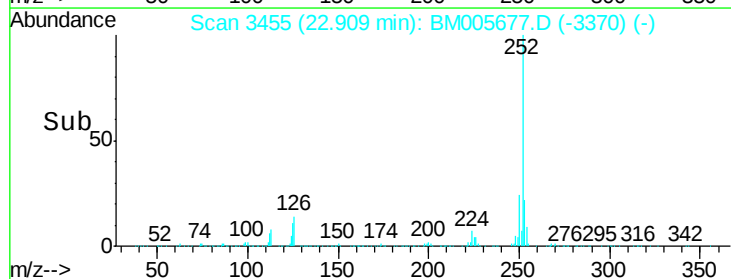
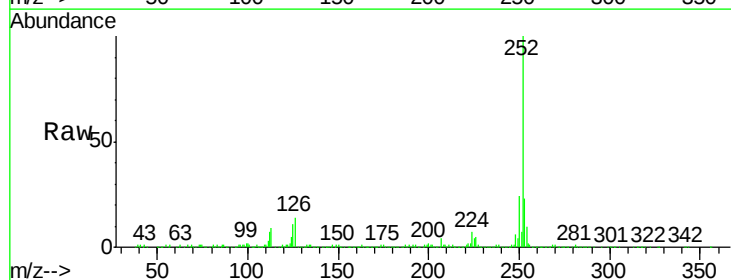
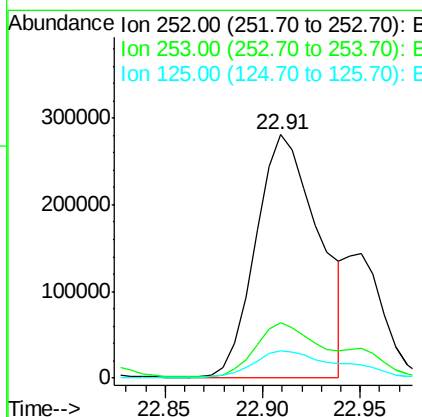
RT: 22.91 min Scan# 3455

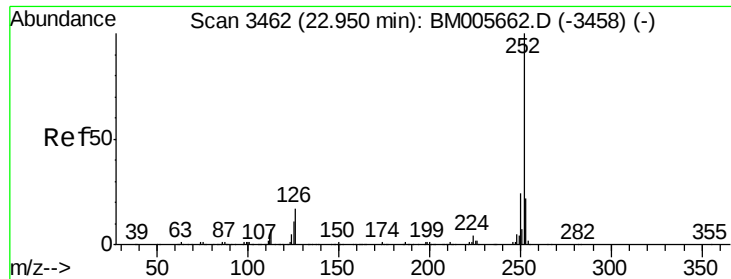
Delta R.T. 0.00 min

Lab File: BM005677.D

Acq: 06 Jun 2016 19:36

Tgt Ion:	252	Resp:	624889
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.1	27.1
125	11.1	7.6	11.4





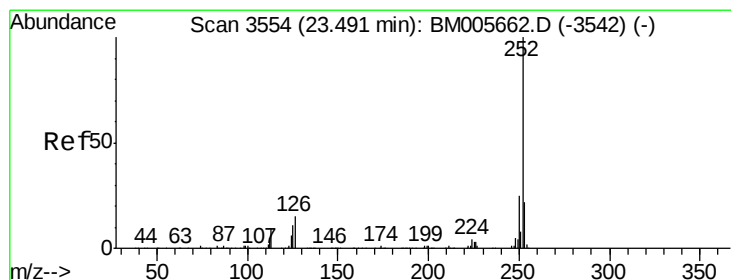
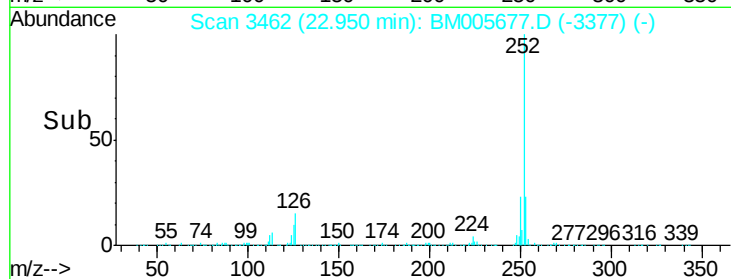
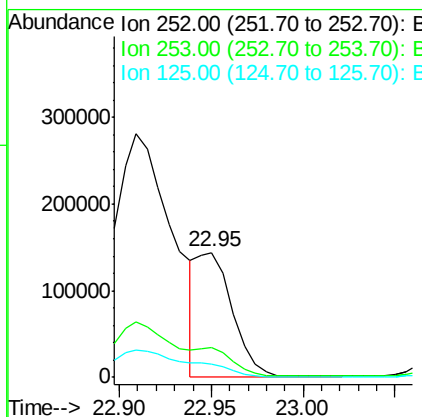
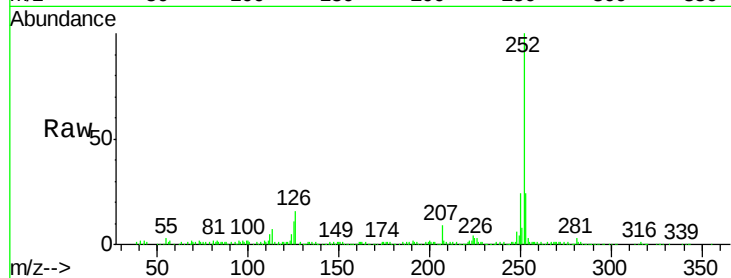
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Benzo(k)fluoranthene
Concen: 5.81 ng/ul m
RT: 22.95 min Scan# 3462
Delta R.T. 0.00 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Instrument :
BNA_M
ClientSampleId :
D9XS5

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	192539		
253	23.6	17.8	26.8	
125	10.8	7.7	11.5	

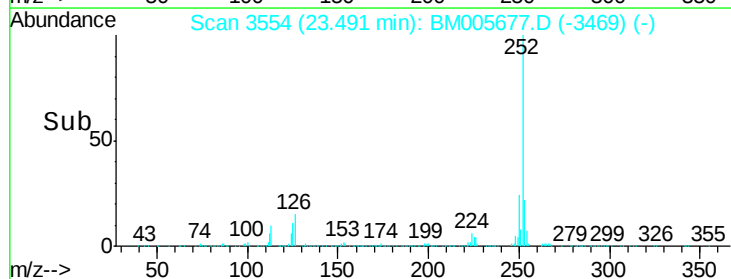
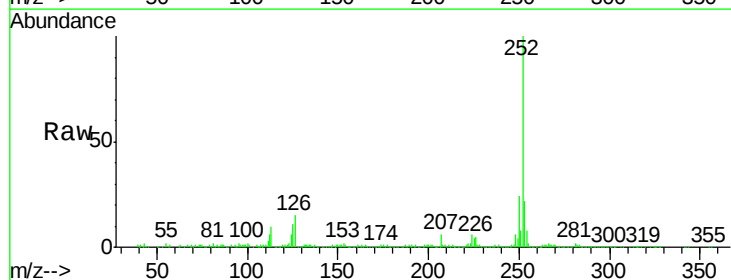
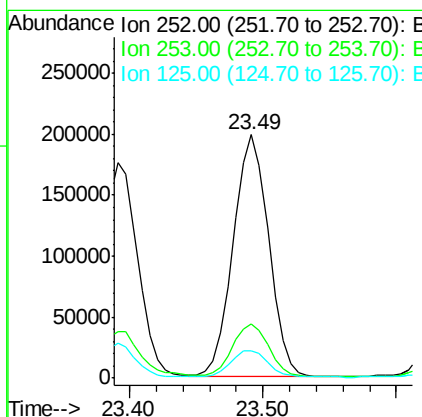
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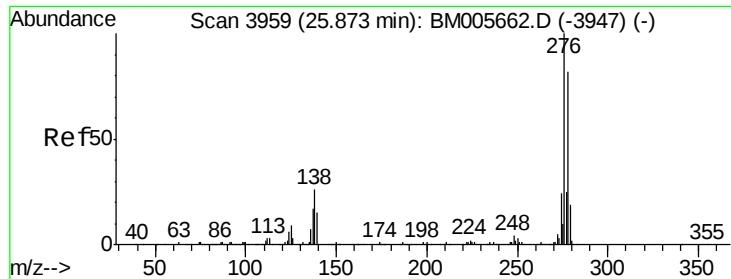
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#38
Benzo(a)pyrene
Concen: 10.80 ng/ul
RT: 23.49 min Scan# 3554
Delta R.T. 0.00 min
Lab File: BM005677.D
Acq: 06 Jun 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	367312		
253	22.4	17.4	26.0	
125	11.4	8.2	12.2	





#39

Indeno(1,2,3-cd)pyrene

Concen: 7.88 ng/ul

RT: 25.87 min Scan# 3959

Delta R.T. 0.00 min

Lab File: BM005677.D

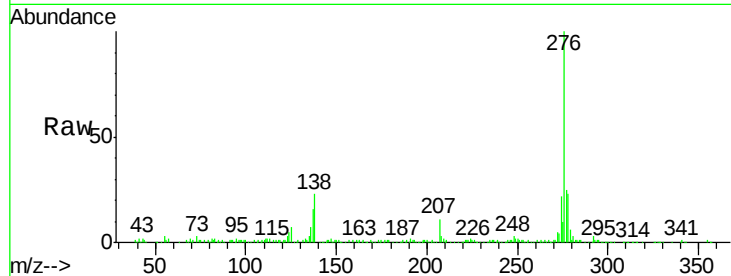
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Instrument :

BNA_M

ClientSampleId :

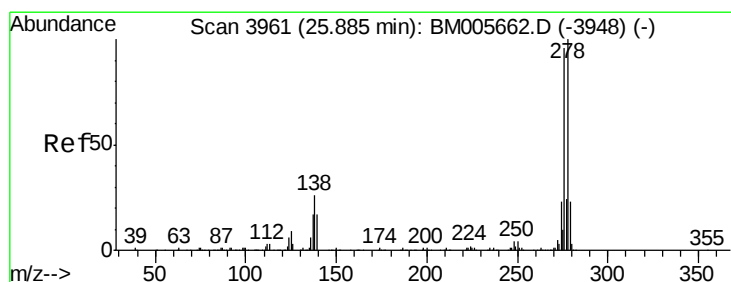
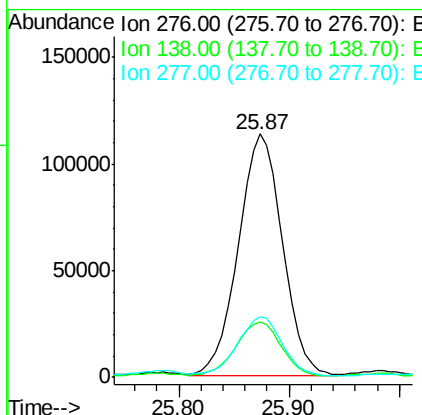
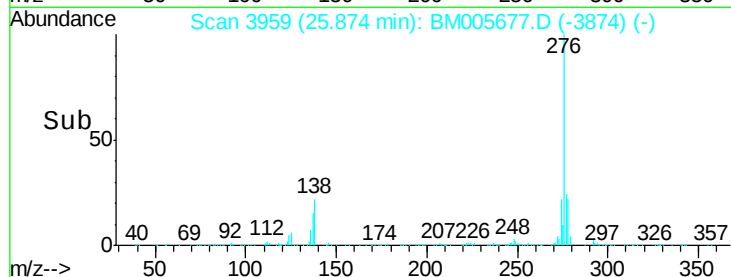
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Tgt Ion	Ratio	Resp	Lower	Upper
276	100	317114		
138	22.5	15.8	23.6	
277	24.7	19.0	28.6	

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#40

Dibenzo(a,h)anthracene

Concen: 2.61 ng/ul

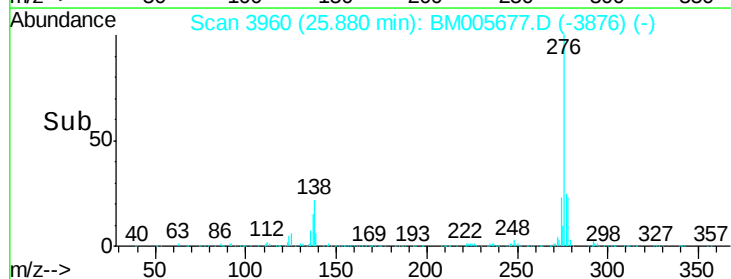
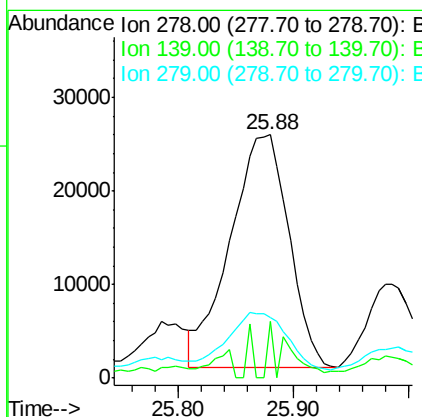
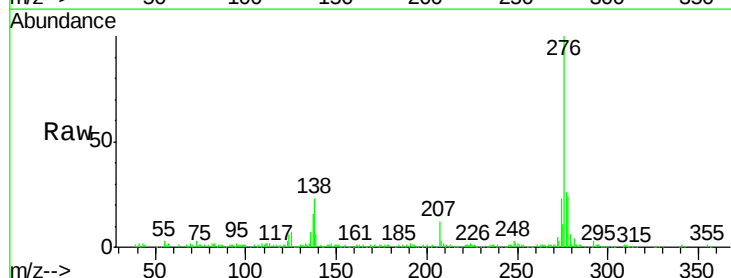
RT: 25.88 min Scan# 3960

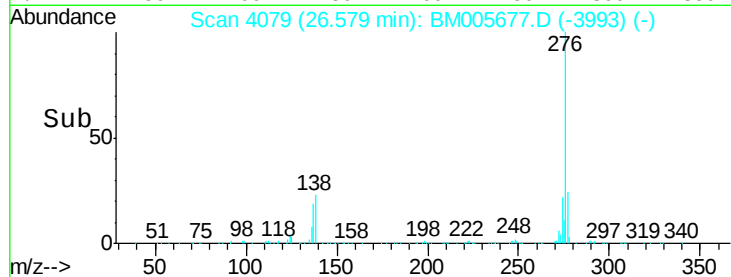
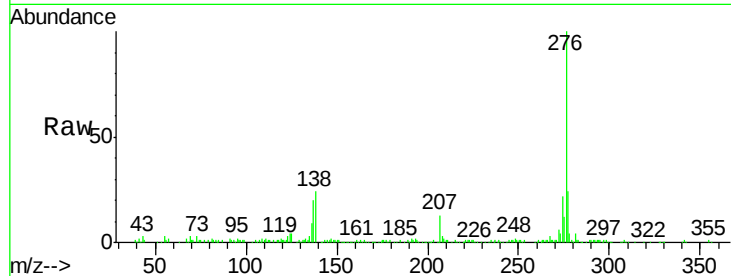
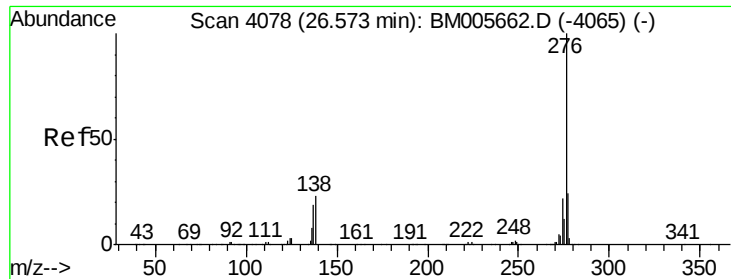
Delta R.T. -0.01 min

Lab File: BM005677.D

Acq: 06 Jun 2016 19:36

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	88146		
139	23.3	12.1	18.1#	
279	25.1	19.8	29.8	





#41

Benzo(g,h,i)perylene

Concen: 9.01 ng/ul

RT: 26.58 min Scan# 4079

Delta R.T. 0.01 min

Lab File: BM005677.D

Acq: 06 Jun 2016 19:36

Instrument :

BNA_M

ClientSampleId :

D9XS5

Tgt Ion: 276 Resp: 304282

Ion Ratio Lower Upper

276 100

138 23.6 13.9 20.9#

277 24.4 19.8 29.6

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