

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

Manual Integrations
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 6/7/2016 7:13:41 PM

Quant Time: Jun 07 04:50:02 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	14134m	8.80	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	22.94	252	225960m	6.19	ng/ul	
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

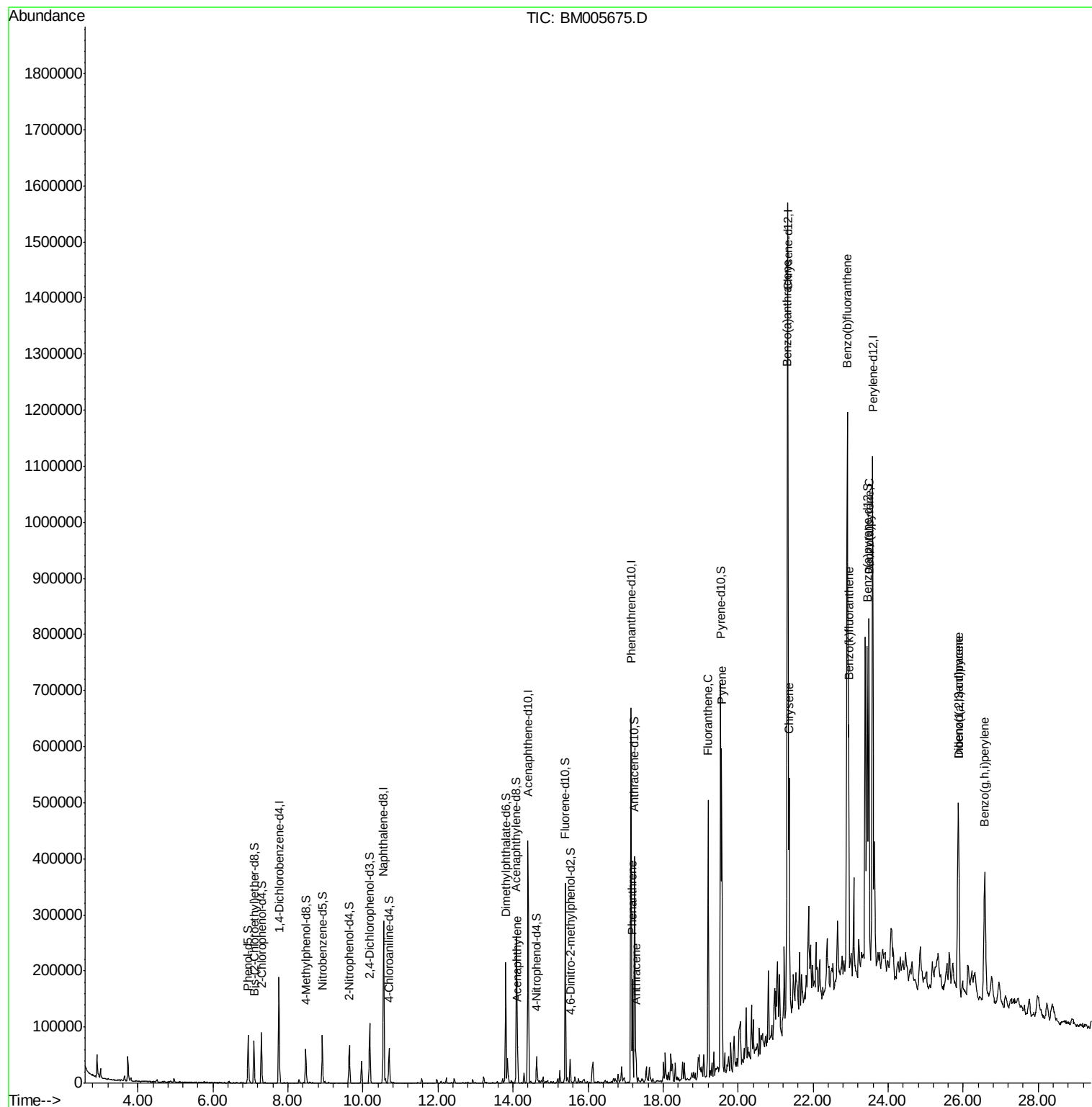
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060616\
Data File : BM005675.D
Acq On : 06 Jun 2016 18:22
Operator : UM/SJ
Sample : H3412-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

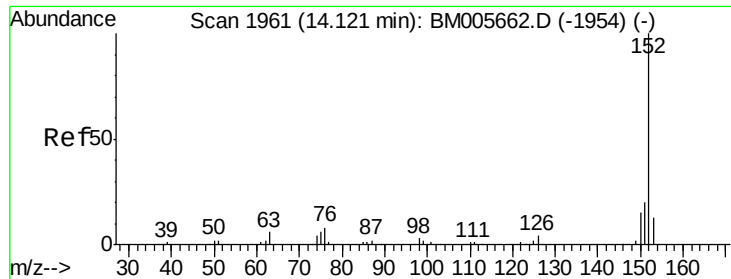
Instrument :
BNA_M
ClientSampleId :
D9XS3

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Quant Time: Jun 07 04:50:02 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





#18

Acenaphthylene

Concen: 2.93 ng/ul

RT: 14.12 min Scan# 1961

Delta R.T. 0.00 min

Lab File: BM005675.D

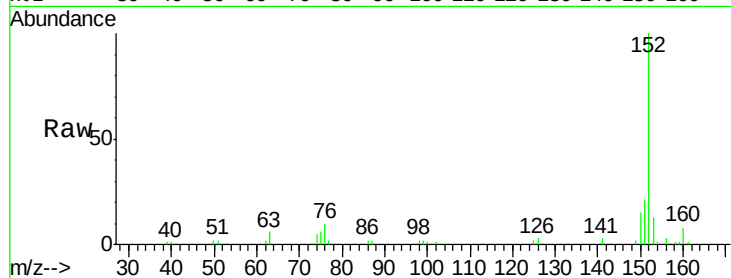
Acq: 06 Jun 2016 18:22

Instrument :

BNA_M

ClientSampled :

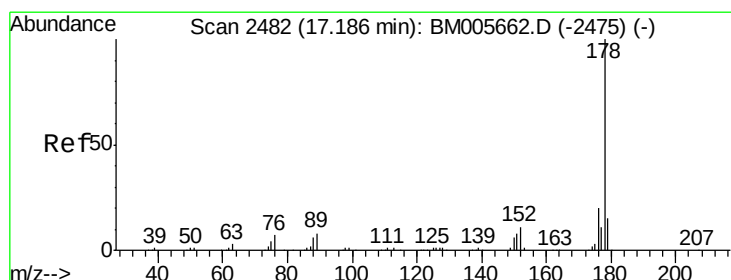
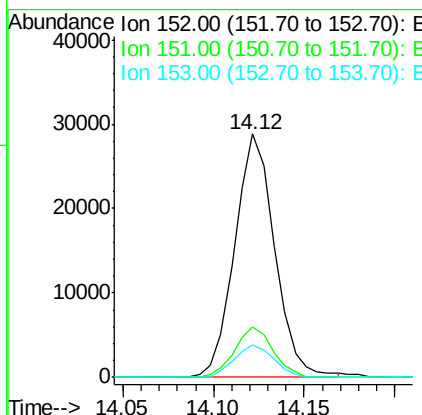
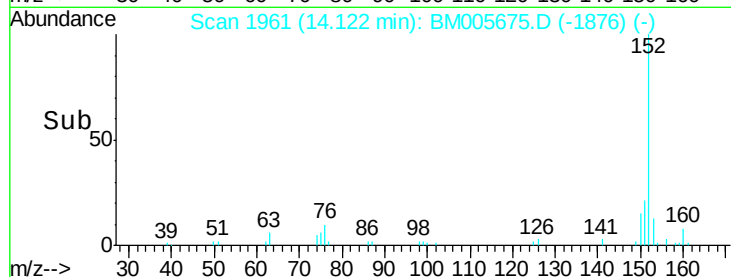
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Tgt Ion:	152	Resp:	44217
Ion Ratio	Lower	Upper	
152	100		
151	20.5	17.3	25.9
153	13.5	11.1	16.7

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#25

Phenanthrene

Concen: 5.28 ng/ul

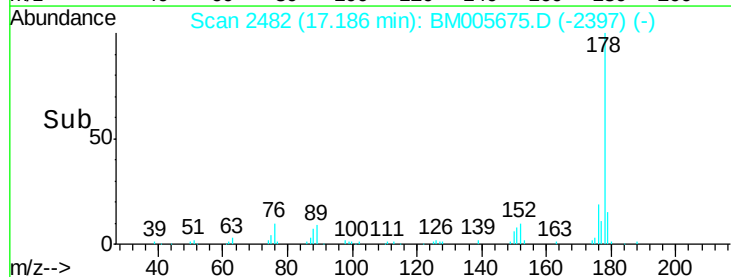
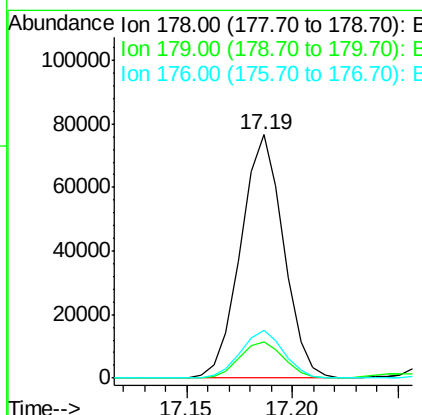
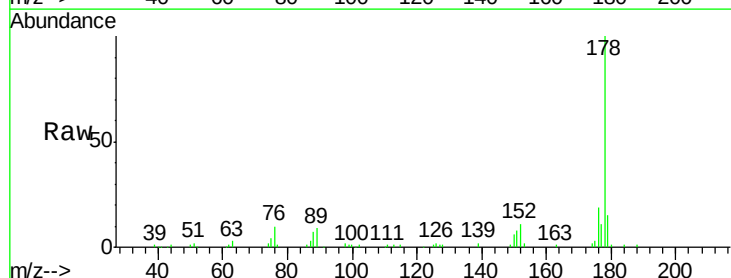
RT: 17.19 min Scan# 2482

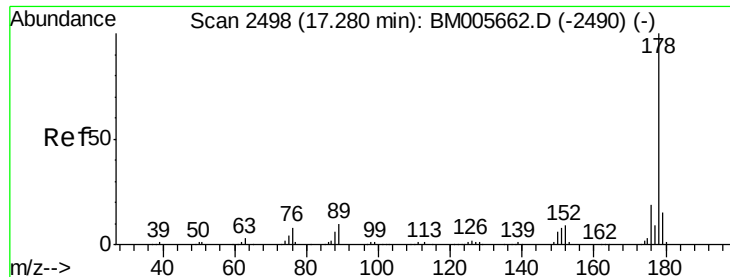
Delta R.T. 0.00 min

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





#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

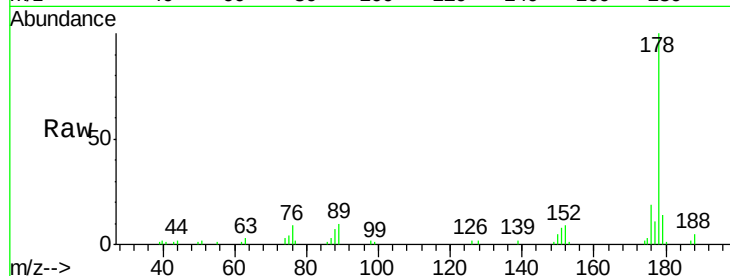
ClientSampled :

D9XS3

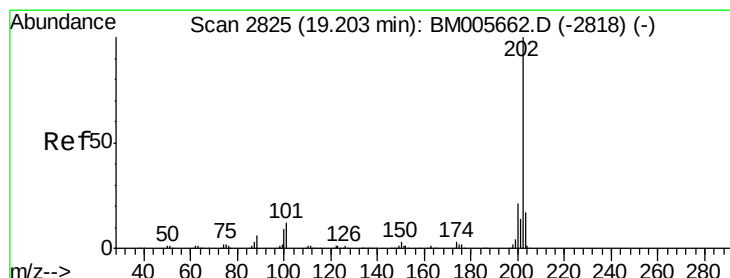
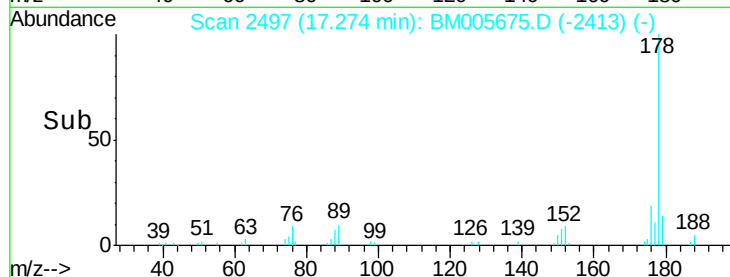
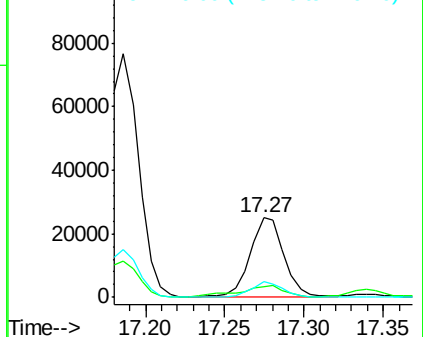
Tgt Ion:	178	Resp:	37787
Ion Ratio	Lower	Upper	
178	100		
179	13.9	12.9	19.3
176	19.4	15.6	23.4

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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

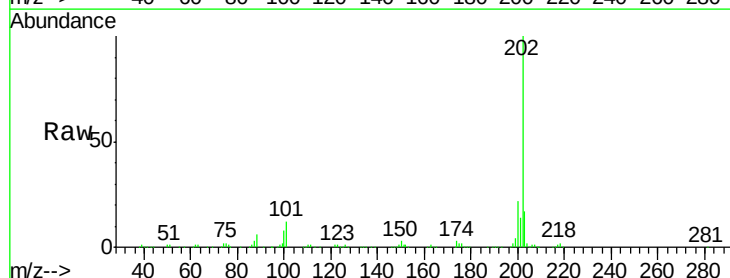
RT: 19.20 min Scan# 2825

Delta R.T. 0.00 min

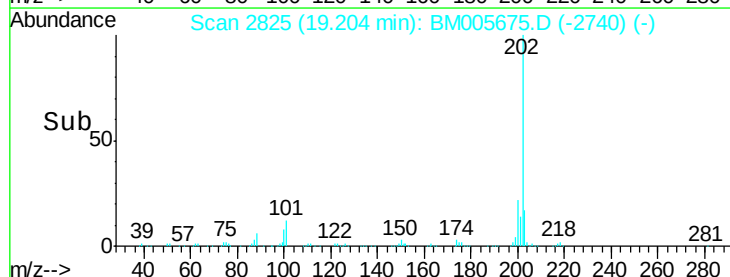
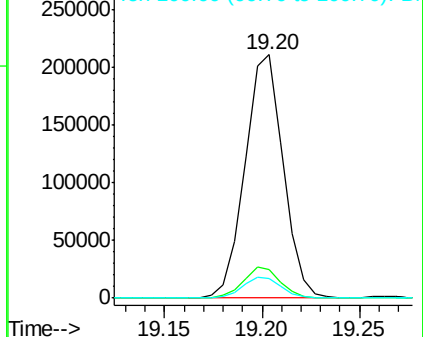
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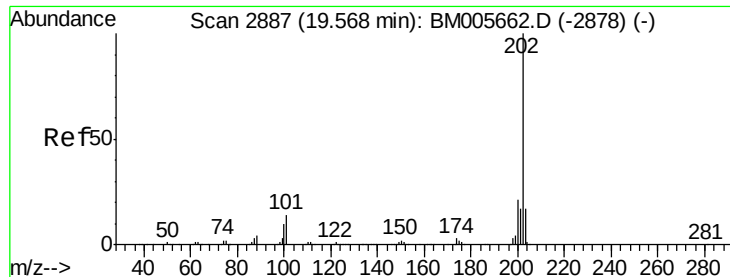
Acq: 06 Jun 2016 18:22

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





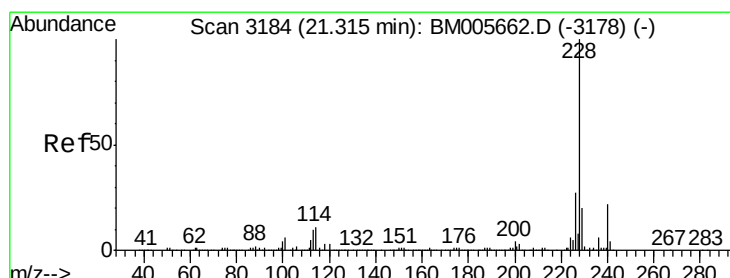
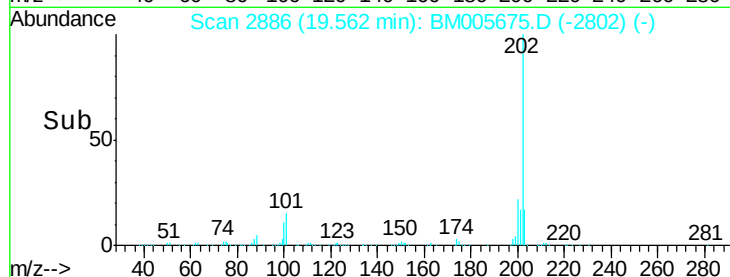
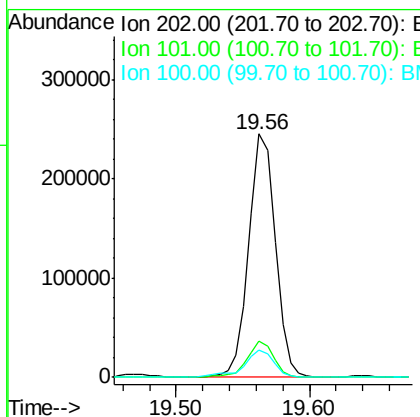
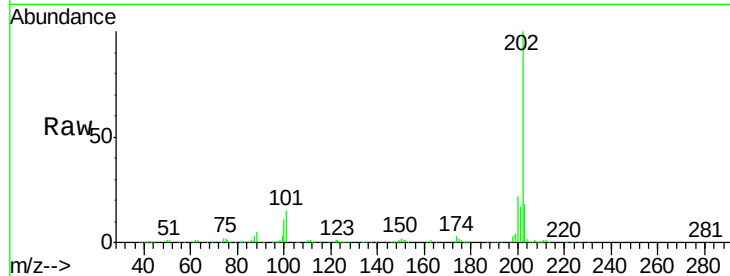
#31
Pyrene
Concen: 9.52 ng/ul
RT: 19.56 min Scan# 2886
Delta R.T. -0.01 min
Lab File: BM005675.D
Acq: 06 Jun 2016 18:22

Instrument :
BNA_M
ClientSampleId :
D9XS3

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

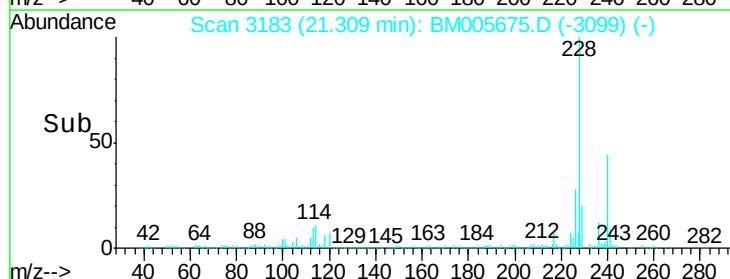
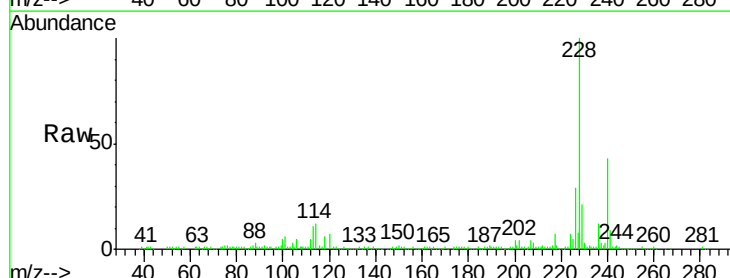
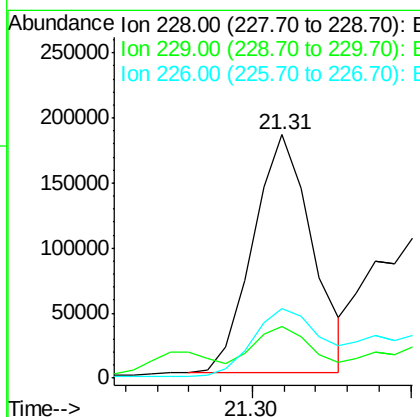
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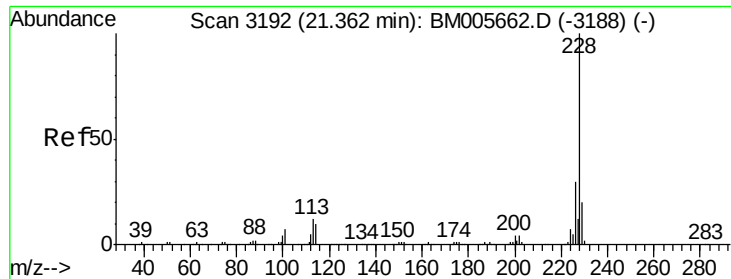
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#32
Benzo(a)anthracene
Concen: 7.28 ng/ul
RT: 21.31 min Scan# 3183
Delta R.T. -0.01 min
Lab File: BM005675.D
Acq: 06 Jun 2016 18:22

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





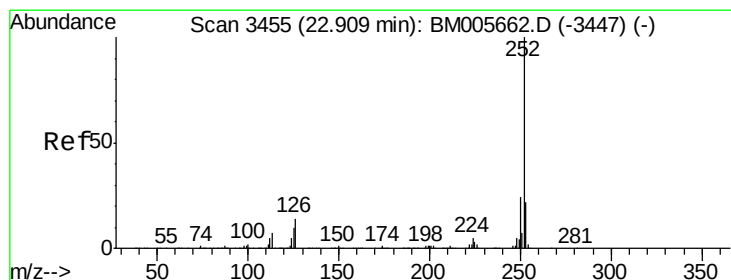
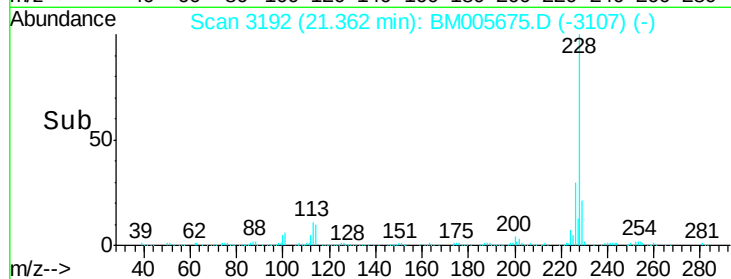
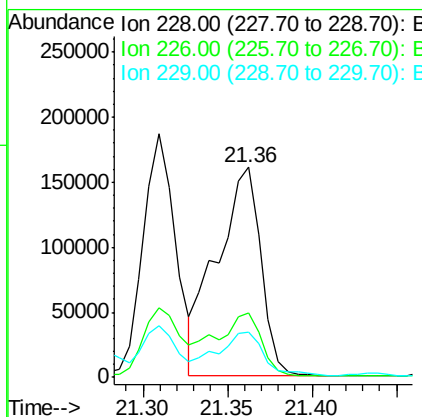
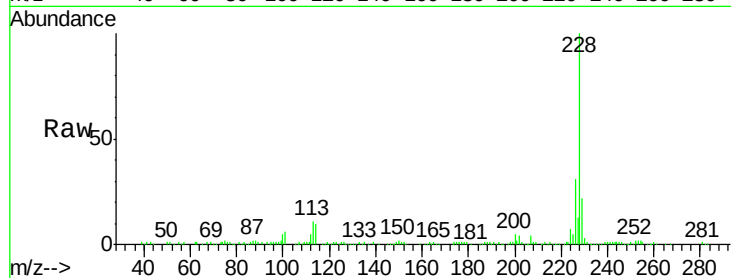
#33
Chrysene
Concen: 9.44 ng/ul
RT: 21.36 min Scan# 3192
Delta R.T. 0.00 min
Lab File: BM005675.D
Acq: 06 Jun 2016 18:22

Instrument :
BNA_M
ClientSampled :
D9XS3

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
226	30.8	23.4	35.2
229	21.5	16.2	24.2

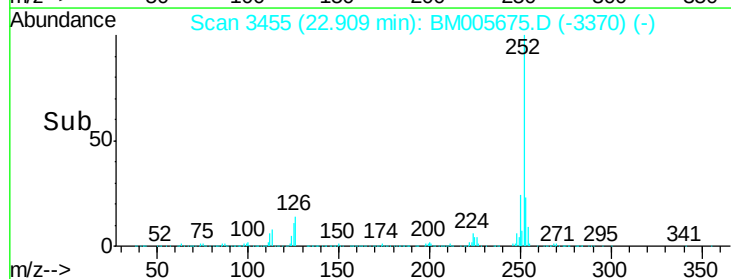
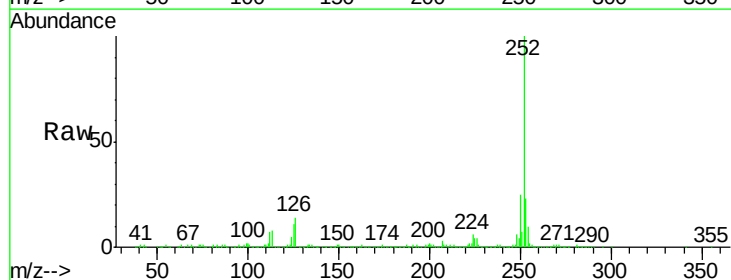
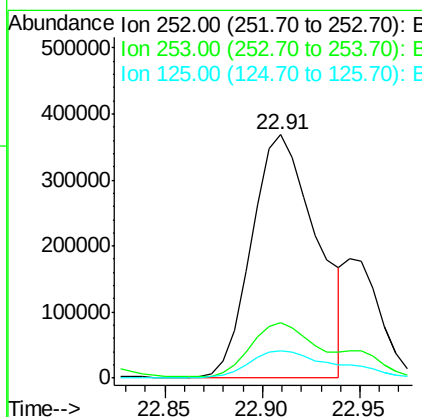
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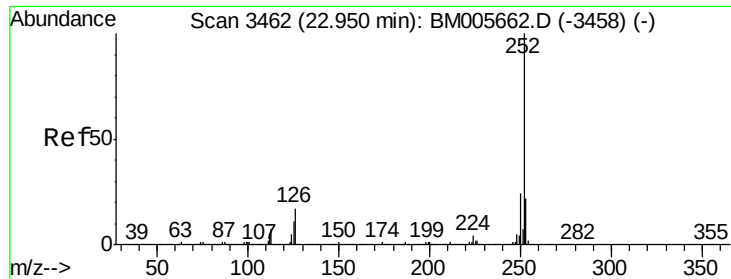
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#35
Benzo(b)fluoranthene
Concen: 21.78 ng/ul
RT: 22.91 min Scan# 3455
Delta R.T. 0.00 min
Lab File: BM005675.D
Acq: 06 Jun 2016 18:22

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.0	18.1	27.1
125	11.3	7.6	11.4





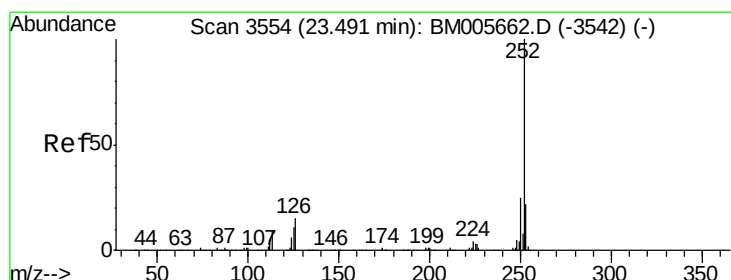
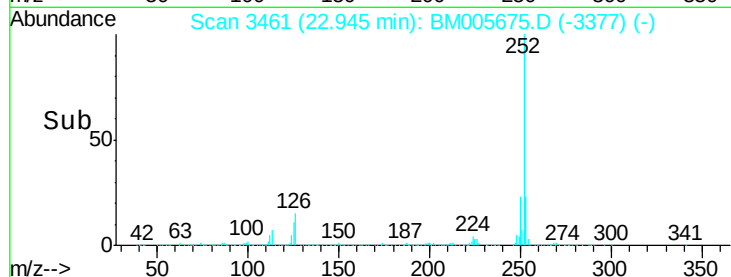
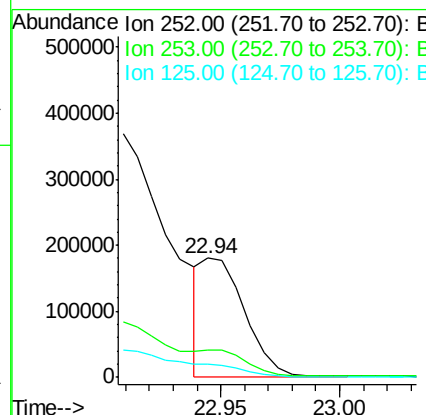
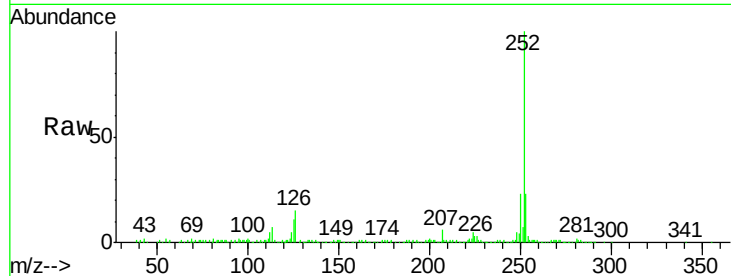
#36
Benzo(k)fluoranthene
Concen: 6.19 ng/ul m
RT: 22.94 min Scan# 3461
Delta R.T. -0.01 min
Lab File: BM005675.D
Acq: 06 Jun 2016 18:22

Instrument :
BNA_M
ClientSampled :
D9XS3

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.2	17.8	26.8
125	11.1	7.7	11.5

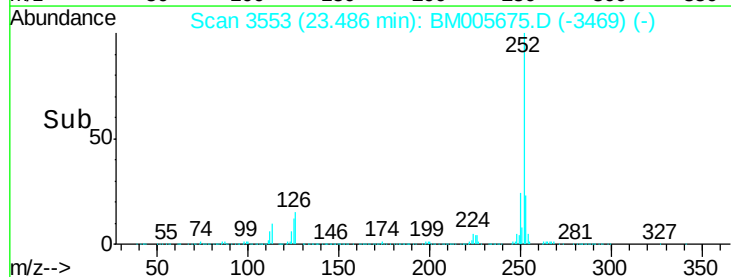
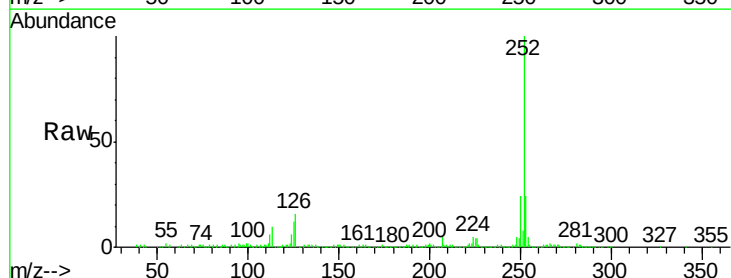
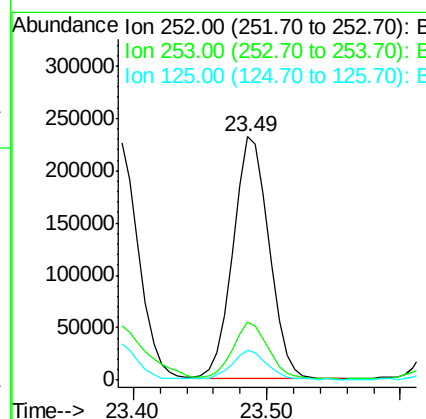
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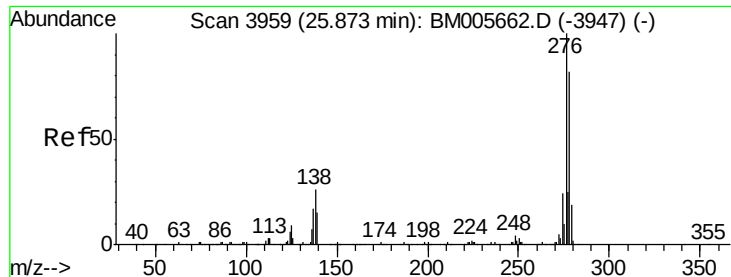
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#38
Benzo(a)pyrene
Concen: 11.64 ng/ul
RT: 23.49 min Scan# 3553
Delta R.T. -0.01 min
Lab File: BM005675.D
Acq: 06 Jun 2016 18:22

Tgt Ion	Ratio	Resp Lower	Resp 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

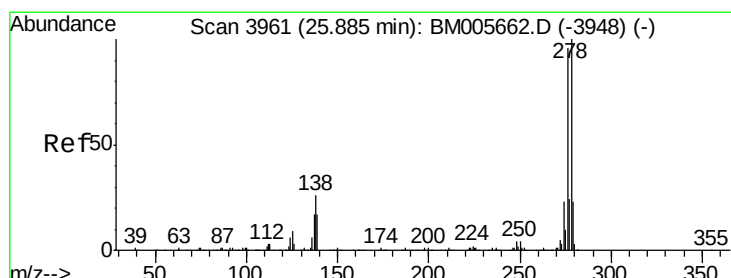
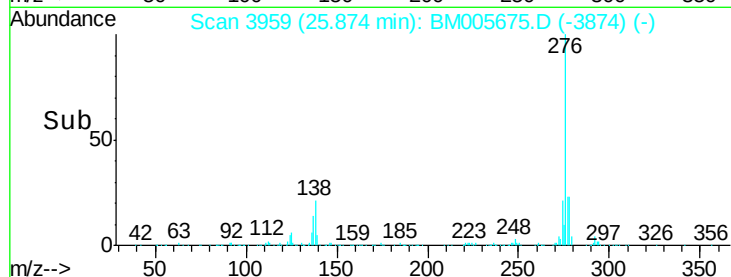
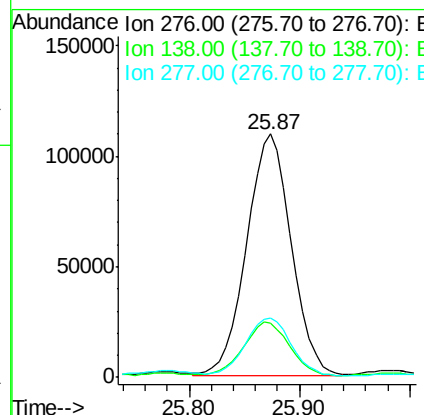
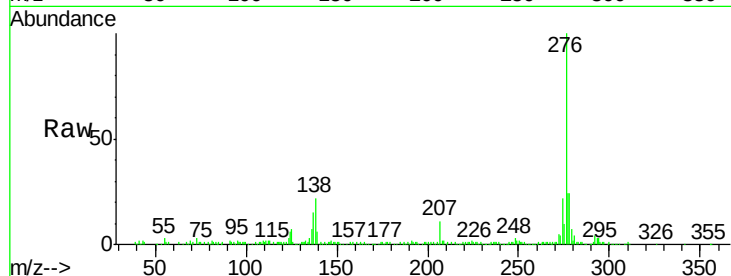
ClientSampleId :

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

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#40

Dibenzo(a,h)anthracene

Concen: 2.38 ng/ul

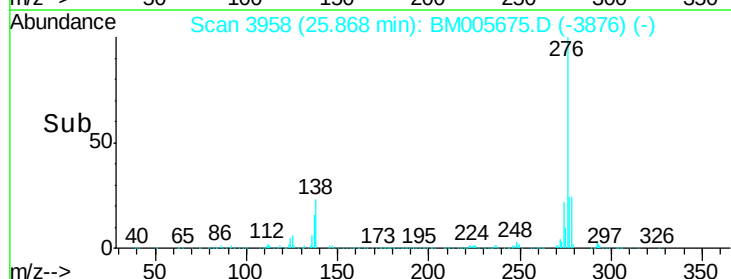
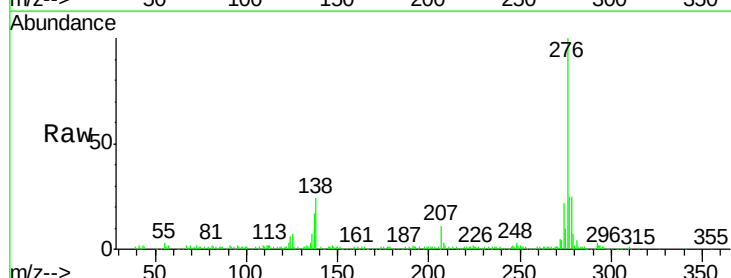
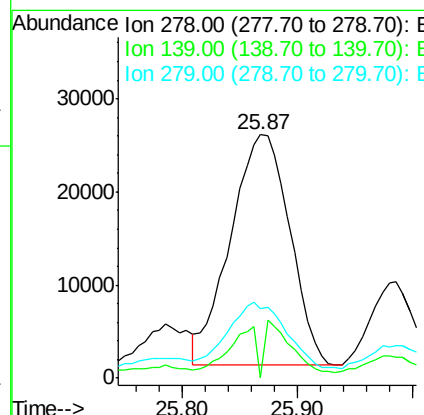
RT: 25.87 min Scan# 3958

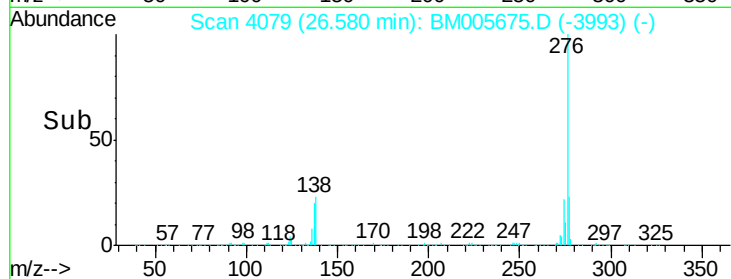
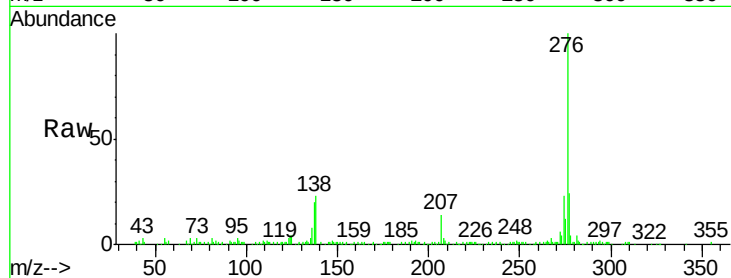
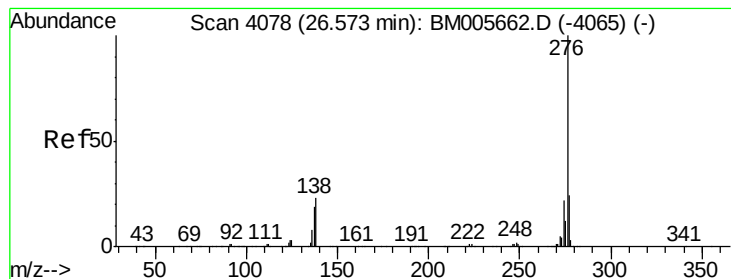
Delta R.T. -0.02 min

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





#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 :

BNA_M

ClientSampleId :

D9XS3

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

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