

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012725.D
 Acq On : 05 Nov 2017 01:55
 Operator : SJ/JU
 Sample : I5825-01
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-67(2.5-3.8)-101017

Manual Integrations
 APPROVED

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 11/6/2017 4:23:57 PM

Quant Time: Nov 06 03:40:40 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 06 03:22:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.82	152	88037	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	337392	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	214179	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.21	188	452861m	20.00	ng/ul	0.02
77) Chrysene-d12	21.38	240	555101	20.00	ng/ul	0.00
85) Perylene-d12	23.68	264	606027	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	8652	5.31	ng/uL	0.00
5) Phenol-d5	6.99	99	184283	28.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	148686	41.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	154173	28.25	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	138781	24.54	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	74166	29.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	84905	29.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	162967	27.87	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	2256648	399.92	ng/ul	-0.01
43) Dimethylphthalate-d6	13.87	166	479960	27.08	ng/ul	0.01
46) Acenaphthylene-d8	14.15	160	631273	28.80	ng/ul	0.01
51) 4-Nitrophenol-d4	14.66	143	109534	38.57	ng/ul	0.00
57) Fluorene-d10	15.46	176	427980	28.19	ng/ul	0.02
62) 4,6-Dinitro-2-methylphenol	15.58	200	129443m	43.29	ng/ul	0.01
70) Anthracene-d10	17.30	188	658663	30.10	ng/ul	0.01
78) Pyrene-d10	19.59	212	757499	29.41	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.54	264	871173	30.40	ng/ul	0.03

Target Compounds

					Ovalue	
6) Phenol	7.01	94	28973	4.309	ng/ul#	78
11) 2-Methylphenol	8.26	108	18261	3.569	ng/ul	95
16) 4-Methylphenol	8.59	108	71078	12.799	ng/ul	93
28) Naphthalene	10.66	128	2072099	122.843	ng/ul#	90
34) 2-Methylnaphthalene	12.27	142	384244	29.807	ng/ul	99
40) 1,1'-Biphenyl	13.29	154	65779	3.713	ng/ul#	83
44) Dimethylphthalate	13.91	163	81790	4.650	ng/ul#	51
58) Fluorene	15.51	166	304837	17.381	ng/ul#	85
69) Phenanthrene	17.25	178	436331m	17.628	ng/ul	
71) Anthracene	17.34	178	137120m	5.343	ng/ul	
75) Di-n-butylphthalate	18.17	149	8291822	330.599	ng/ul	99
76) Fluoranthene	19.26	202	1139600m	38.313	ng/ul	
79) Pyrene	19.62	202	1094974	33.062	ng/ul#	93
82) Benzo(a)anthracene	21.36	228	373915	11.132	ng/ul#	88
83) Bis(2-ethylhexyl)phthalate	21.29	149	42041	2.389	ng/ul#	56
84) Chrysene	21.42	228	473010	15.538	ng/ul#	92
87) Benzo(b)fluoranthene	22.99	252	493414	13.323	ng/ul#	75
88) Benzo(k)fluoranthene	23.03	252	165044m	4.688	ng/ul	
90) Benzo(a)pyrene	23.58	252	273439	7.759	ng/ul#	70
91) Indeno(1,2,3-cd)pyrene	26.00	276	204654	4.819	ng/ul#	92
92) Dibenzo(a,h)anthracene	26.00	278	62507	1.739	ng/ul#	51
93) Benzo(a,h,i)perylene	26.73	276	180208	5.149	ng/ul#	92

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

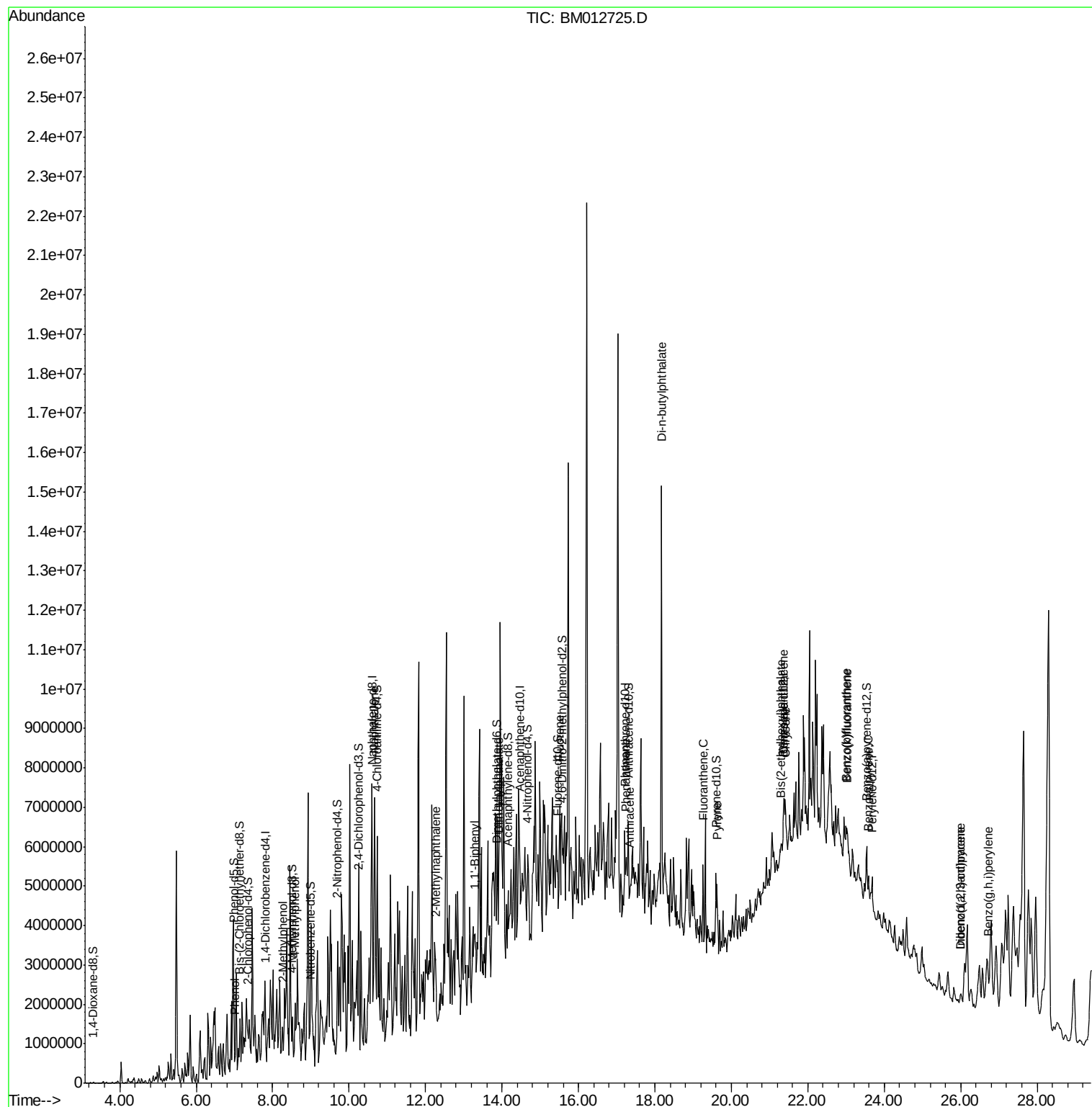
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012725.D
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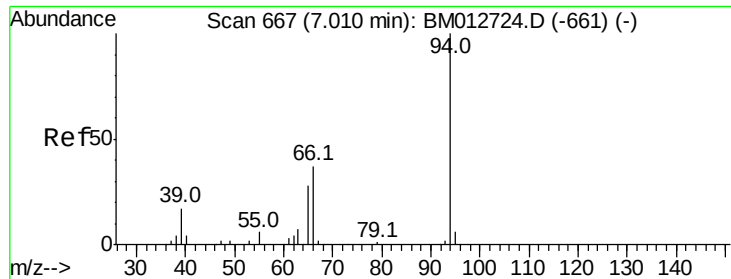
Instrument :
BNA_M
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B-67(2.5-3.8)-101017

Manual Integrations
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Quant Time: Nov 06 03:40:40 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 06 03:22:07 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.309 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

Tot Ion: 94 Resp: 28973

Ion Ratio Lower Upper

94 100

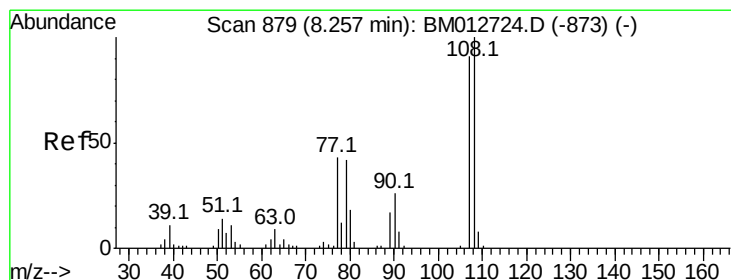
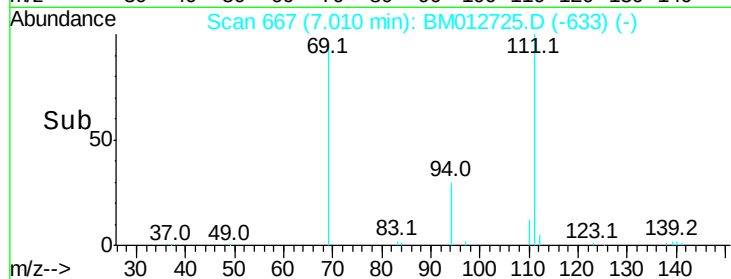
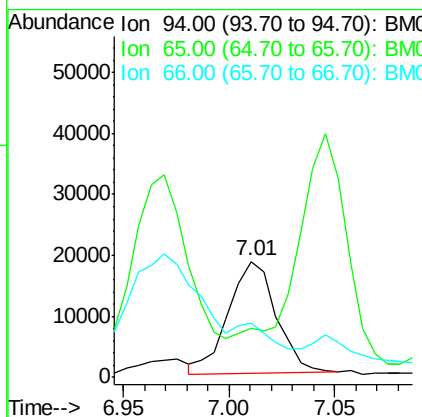
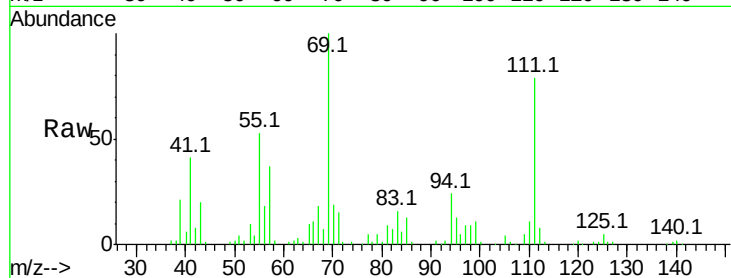
65 42.1 21.0 31.6#

66 46.3 29.3 43.9#

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#11

2-Methylphenol

Concen: 3.569 ng/ul

RT: 8.26 min Scan# 879

Delta R.T. 0.00 min

Lab File: BM012725.D

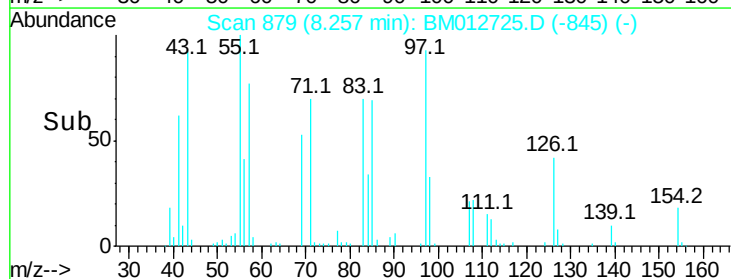
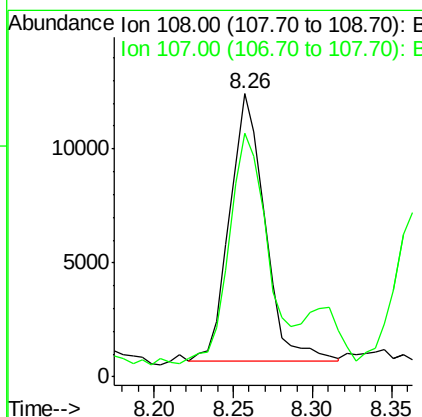
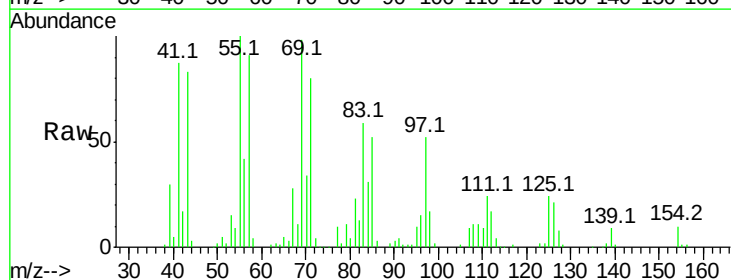
Acq: 05 Nov 2017 01:55

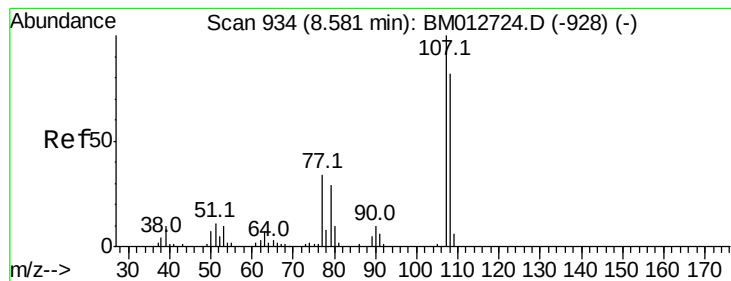
Tgt Ion: 108 Resp: 18261

Ion Ratio Lower Upper

108 100

107 86.0 72.4 108.6





#16

4-Methylphenol

Concen: 12.799 ng/ul

RT: 8.59 min Scan# 935

Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

ClientSampleId :

B-67(2.5-3.8)-101017

Tot Ion:108 Resp: 71078

Ion Ratio Lower Upper

108 100

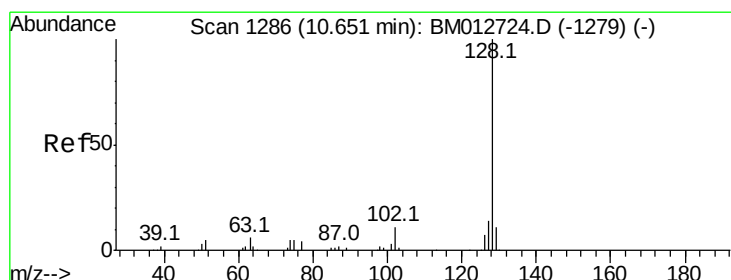
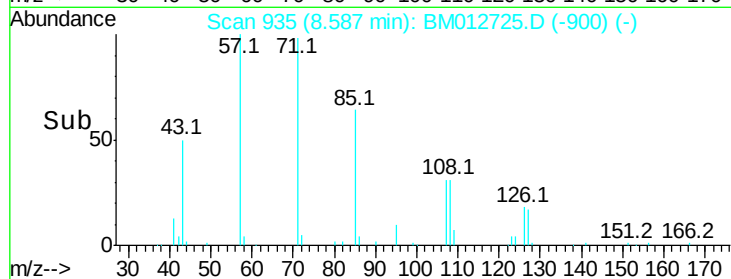
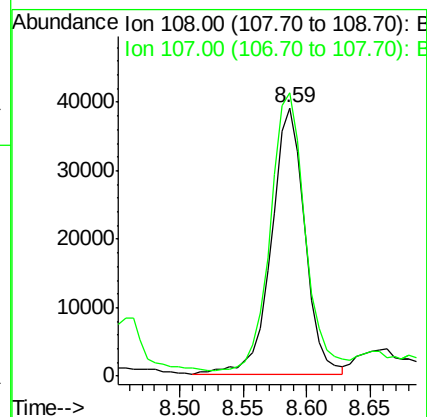
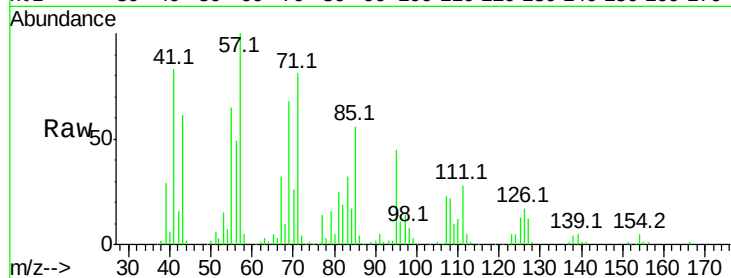
107 105.6 90.3 135.5

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#28

Naphthalene

Concen: 122.843 ng/ul

RT: 10.66 min Scan# 1288

Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

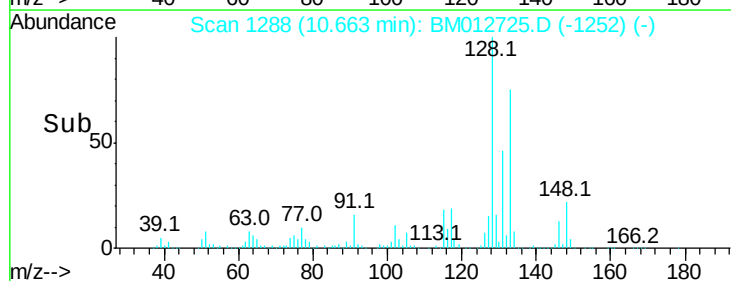
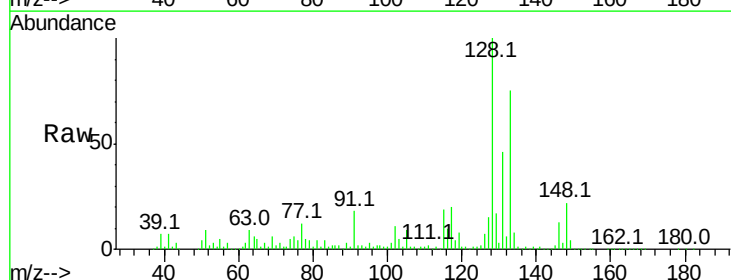
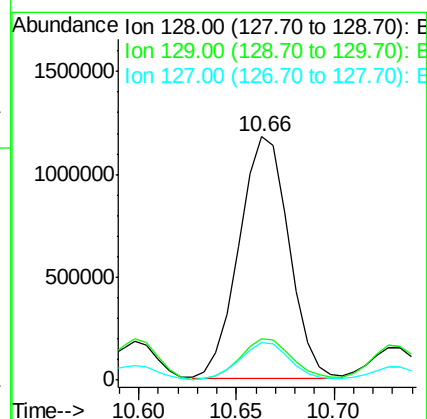
Tgt Ion:128 Resp: 2072099

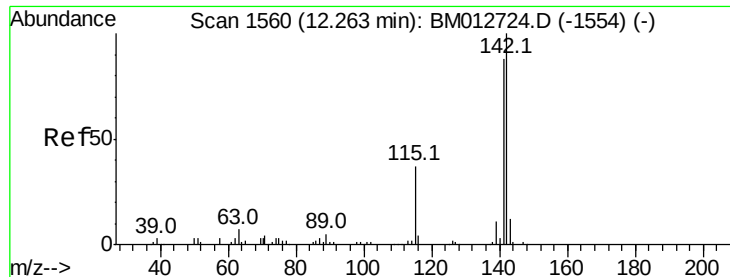
Ion Ratio Lower Upper

128 100

129 16.8 8.8 13.2#

127 15.3 10.5 15.7





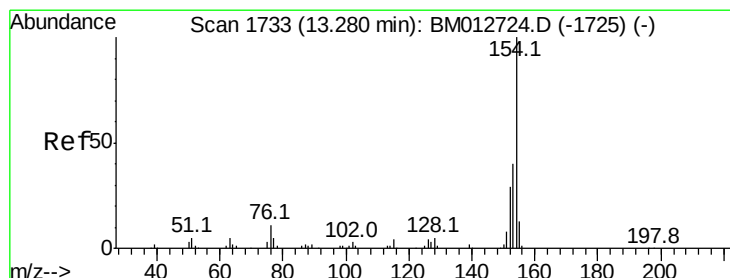
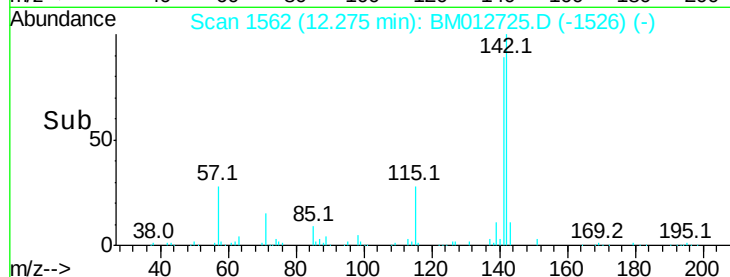
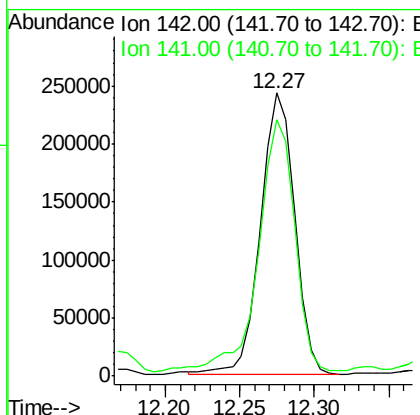
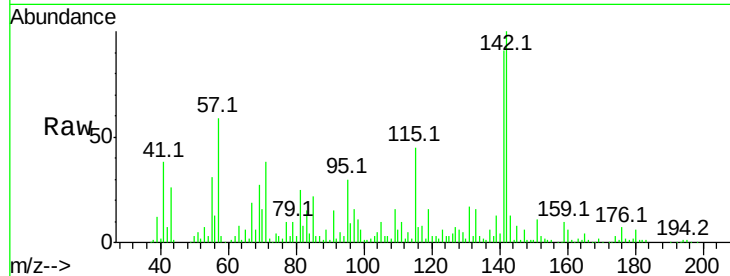
#34
 2-Methylnaphthalene
 Concen: 29.807 ng/ul
 RT: 12.27 min Scan# 1562
 Delta R.T. 0.01 min
 Lab File: BM012725.D
 Acq: 05 Nov 2017 01:55

Instrument :
 BNA_M
 ClientSampleId :
 B-67(2.5-3.8)-101017

Tot Ion:142 Resp: 384244
 Ion Ratio Lower Upper
 142 100
 141 90.6 71.6 107.4

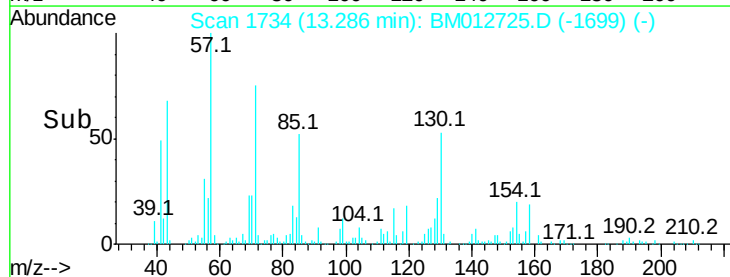
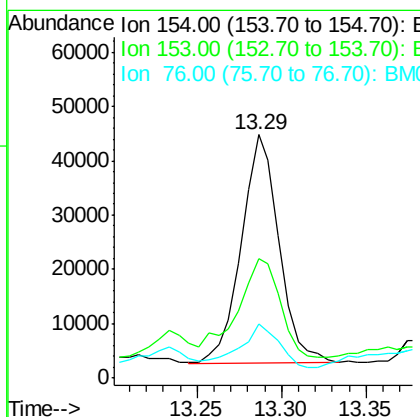
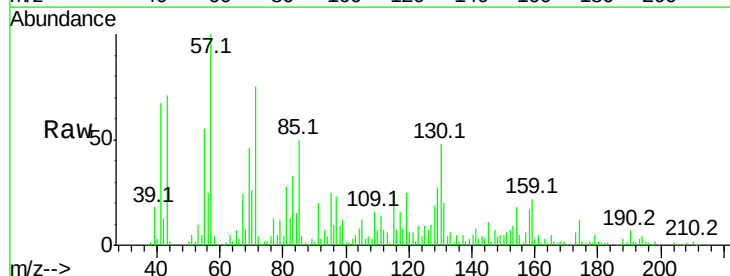
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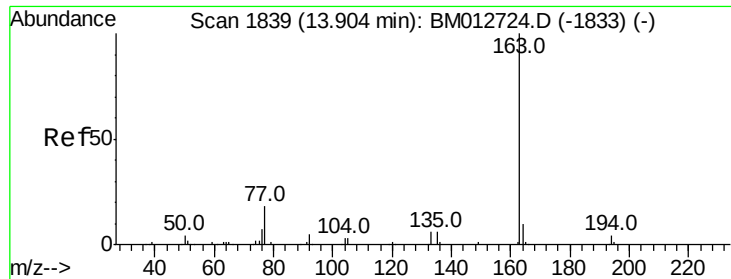
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#40
 1,1'-Biphenyl
 Concen: 3.713 ng/ul
 RT: 13.29 min Scan# 1734
 Delta R.T. 0.01 min
 Lab File: BM012725.D
 Acq: 05 Nov 2017 01:55

Tgt Ion:154 Resp: 65779
 Ion Ratio Lower Upper
 154 100
 153 48.9 32.1 48.1#
 76 22.2 9.5 14.3#





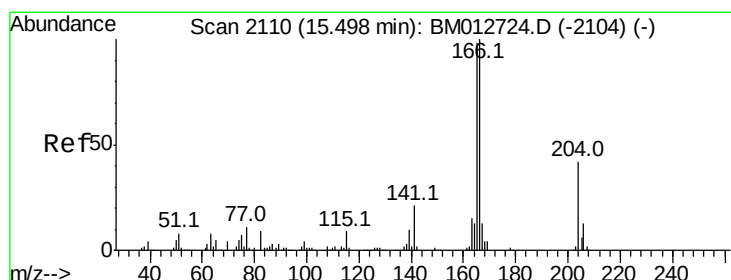
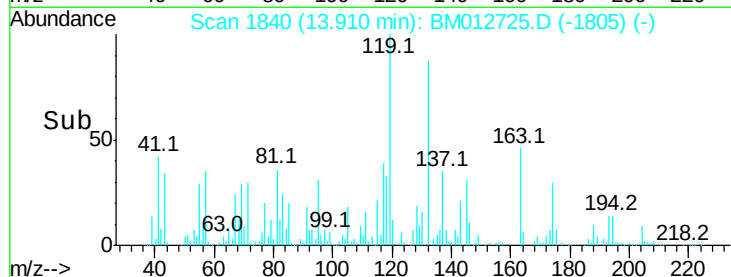
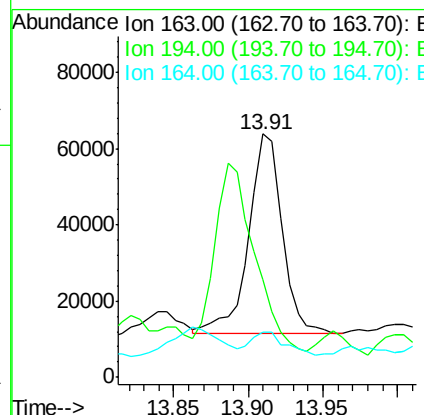
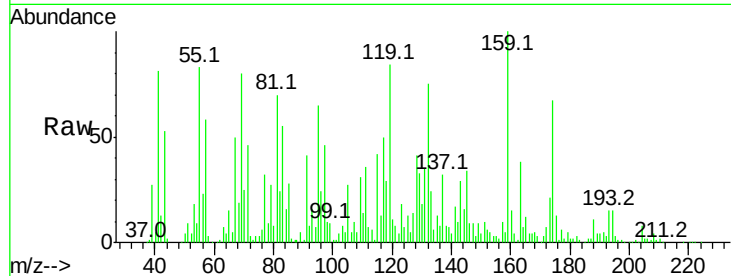
#44
Dimethylphthalate
Concen: 4.650 ng/ul
RT: 13.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BM012725.D
Acq: 05 Nov 2017 01:55

Instrument :
BNA_M
ClientSampleId :
B-67(2.5-3.8)-101017

Tot Ion	Ratio	Lower	Upper
163	100		
194	40.3	3.2	4.8#
164	18.4	7.8	11.8#

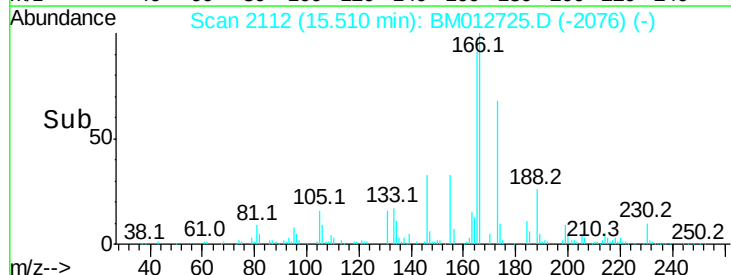
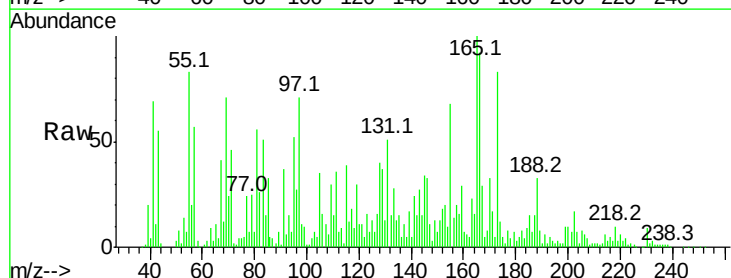
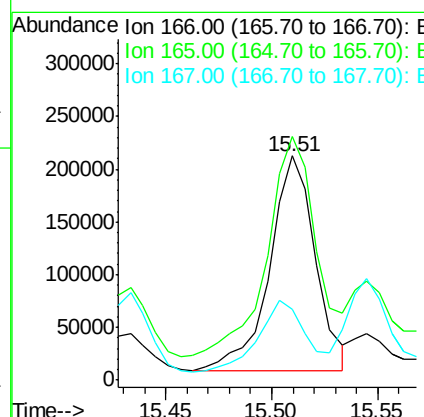
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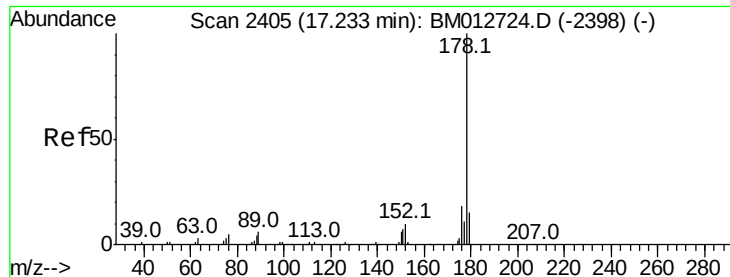
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#58
Fluorene
Concen: 17.381 ng/ul
RT: 15.51 min Scan# 2112
Delta R.T. 0.01 min
Lab File: BM012725.D
Acq: 05 Nov 2017 01:55

Tgt Ion	Ratio	Lower	Upper
166	100		
165	108.7	78.5	117.7
167	31.8	10.7	16.1#





#69

Phenanthrene

Concen: 17.628 ng/ul m

RT: 17.25 min Scan# 2408

Delta R.T. 0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

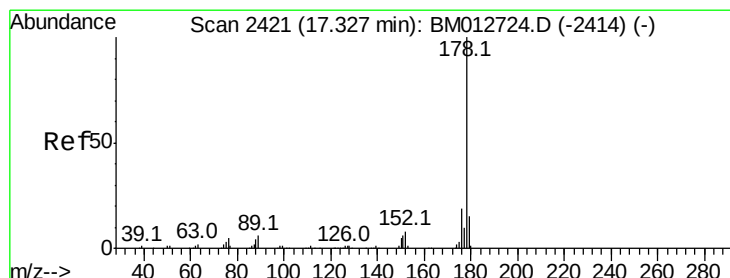
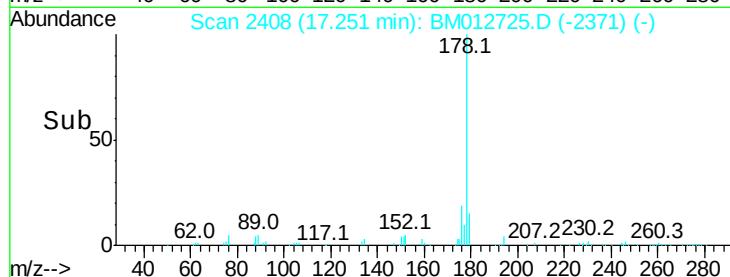
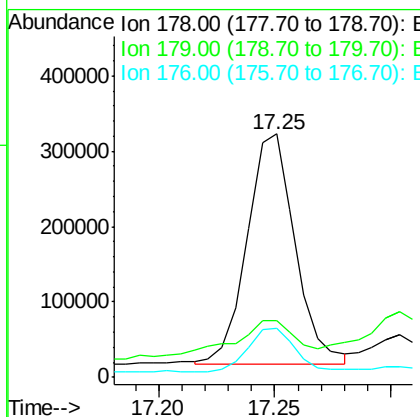
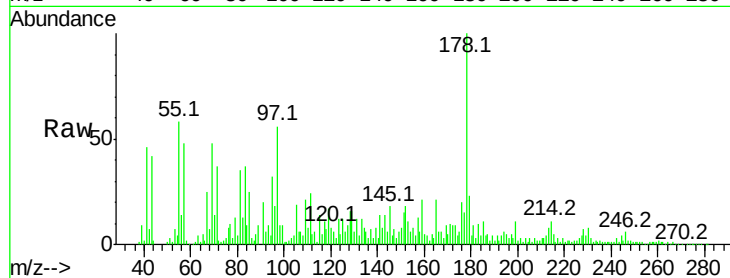
ClientSampleId :

B-67(2.5-3.8)-101017

Tot Ion:178	Resp:	436331
Ion Ratio	Lower	Upper
178	100	
179	23.5	12.2 18.4#
176	20.1	15.6 23.4

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#71

Anthracene

Concen: 5.343 ng/ul m

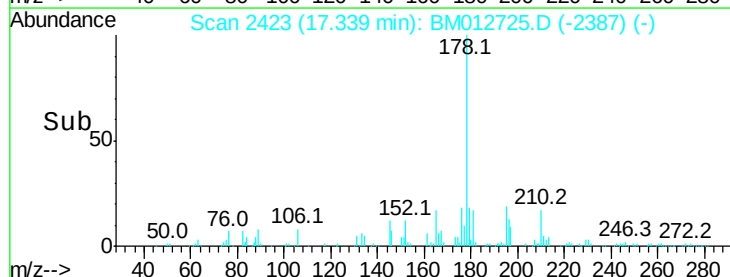
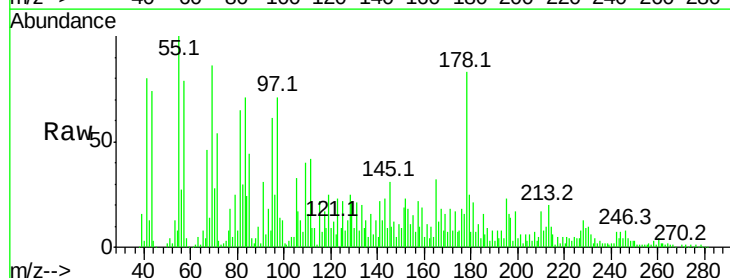
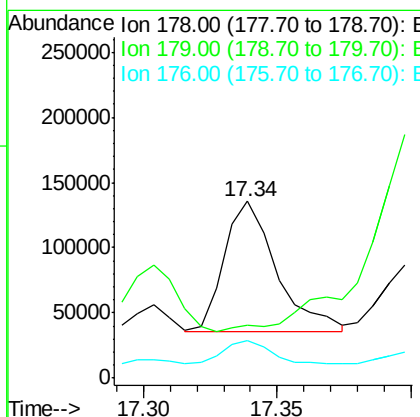
RT: 17.34 min Scan# 2423

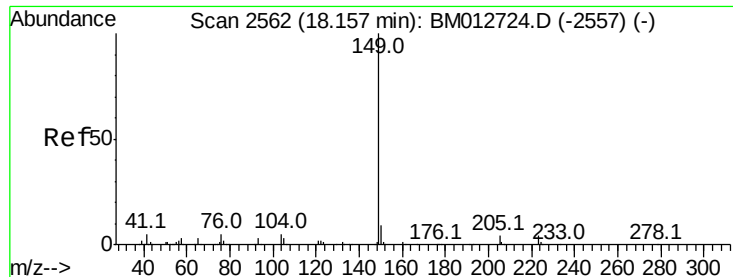
Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Tgt Ion:178	Resp:	137120
Ion Ratio	Lower	Upper
178	100	
179	30.3	12.1 18.1#
176	21.3	14.8 22.2





#75

Di-n-butylphthalate

Concen: 330.599 ng/ul

RT: 18.17 min Scan# 2565

Delta R.T. 0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

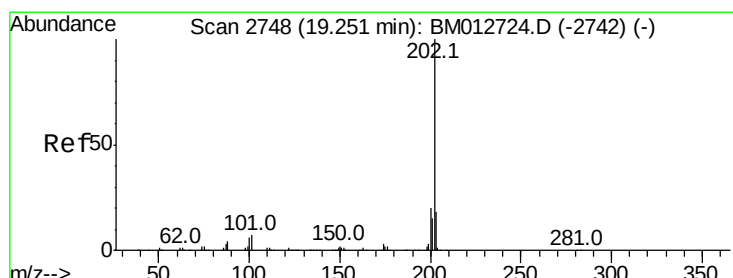
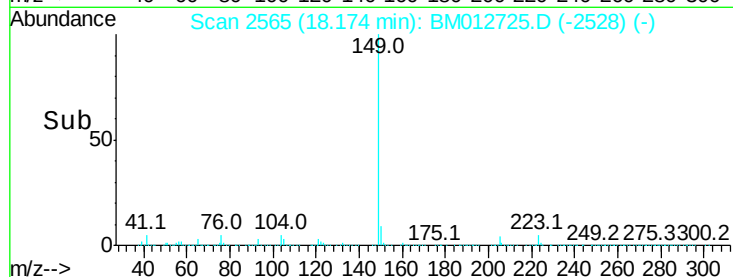
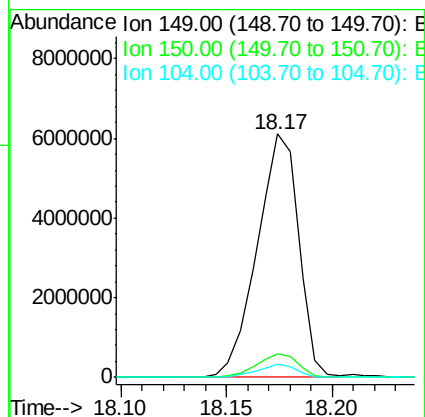
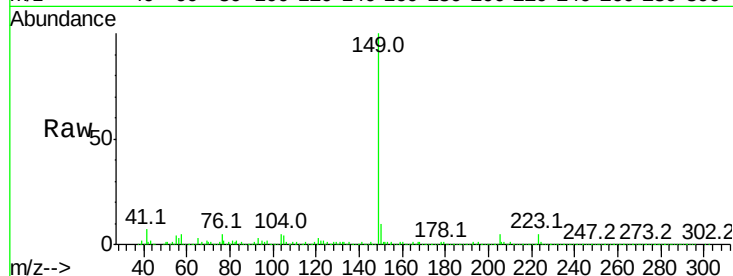
ClientSampleId :

B-67(2.5-3.8)-101017

Tot Ion:	149	Resp:	8291822
Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.4	11.0
104	5.2	4.0	6.0

Manual Integrations
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#76

Fluoranthene

Concen: 38.313 ng/ul m

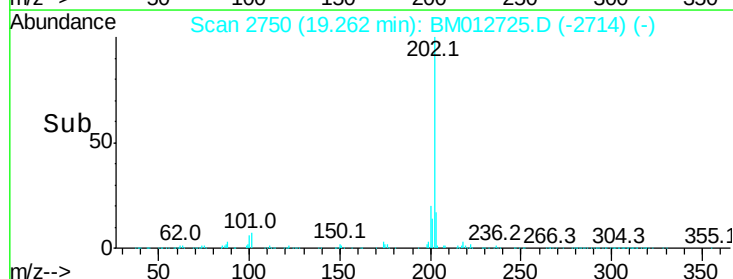
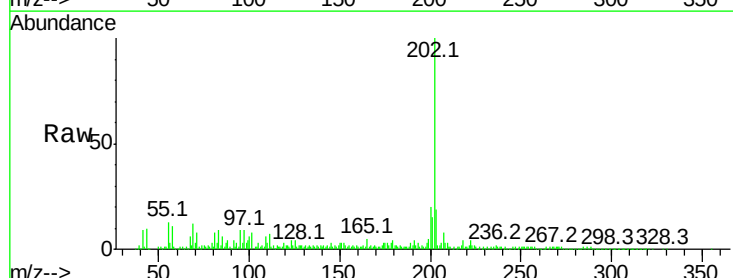
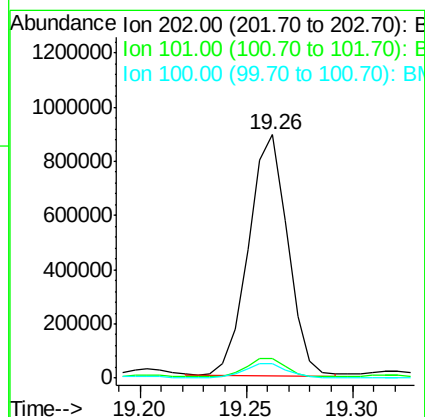
RT: 19.26 min Scan# 2750

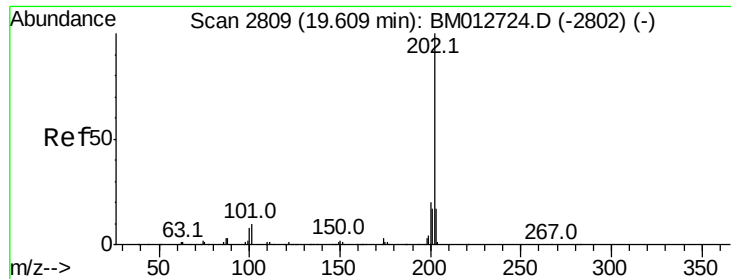
Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Tgt Ion:	202	Resp:	1139600
Ion	Ratio	Lower	Upper
202	100		
101	8.1	8.8	13.2#
100	6.2	6.6	9.8#





#79

Pvrene

Concen: 33.062 ng/ul

RT: 19.62 min Scan# 2811

Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

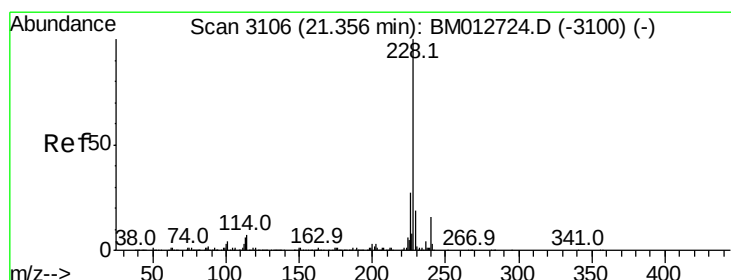
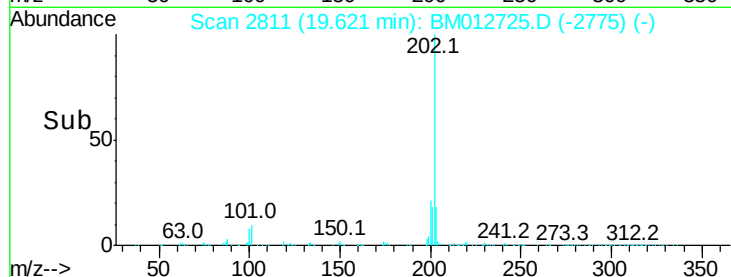
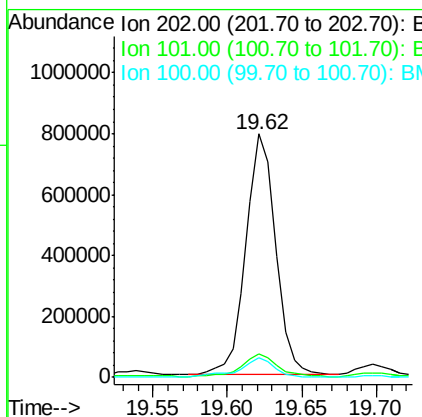
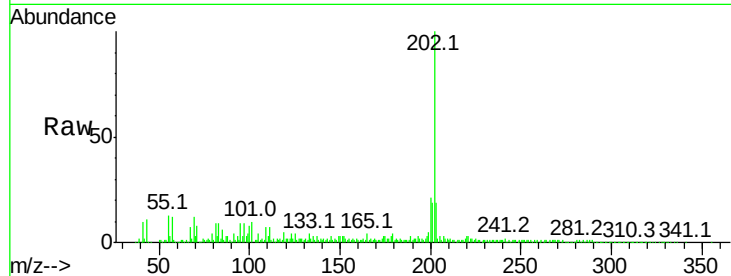
ClientSampleId :

B-67(2.5-3.8)-101017

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.8	10.2	15.2#
100	8.0	8.5	12.7#

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#82

Benzo(a)anthracene

Concen: 11.132 ng/ul

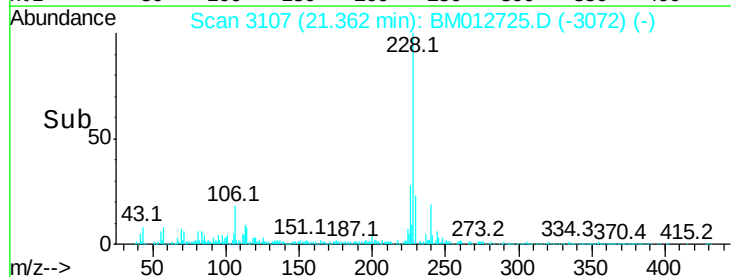
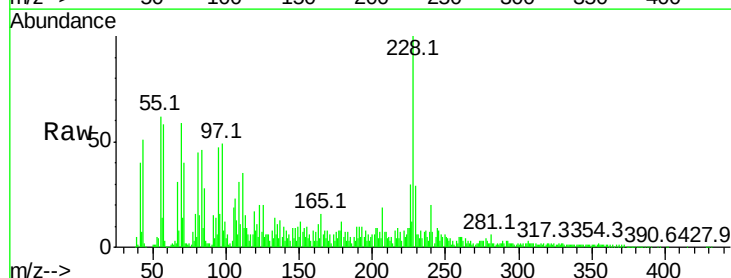
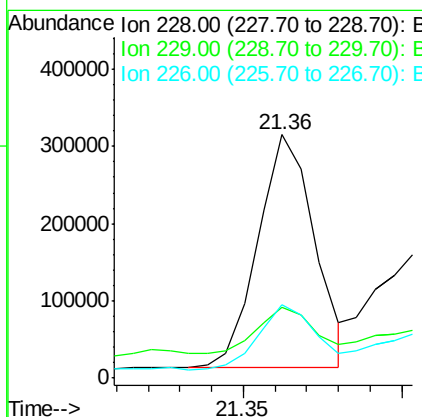
RT: 21.36 min Scan# 3107

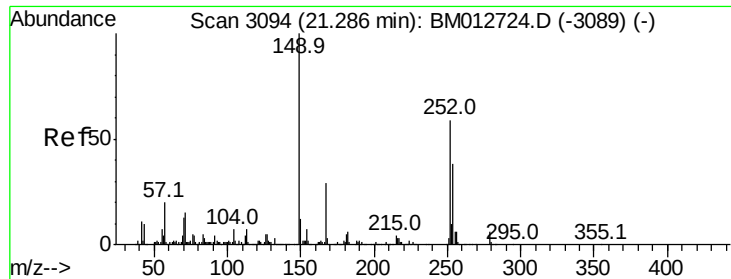
Delta R.T. 0.01 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	29.3	15.7	23.5#
226	29.9	21.8	32.6





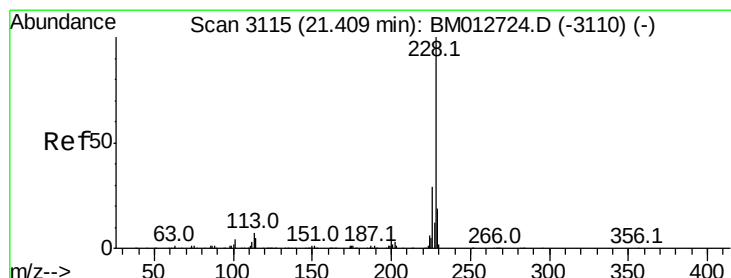
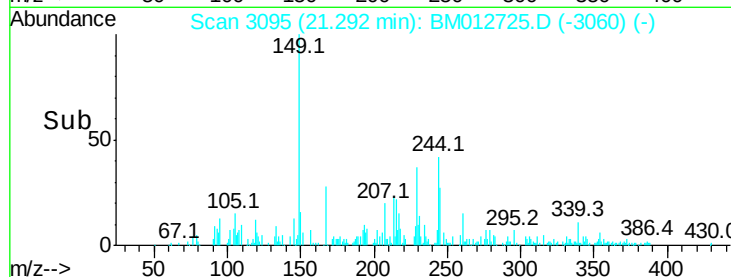
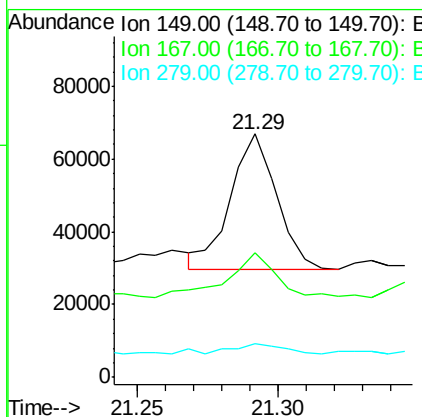
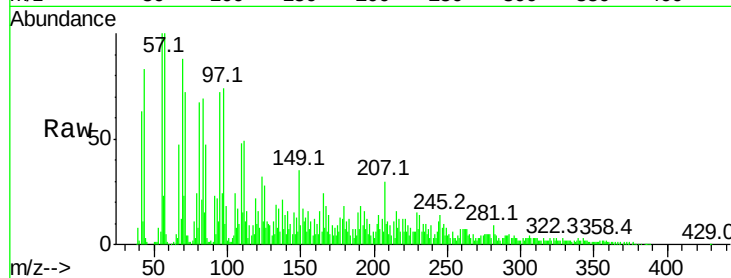
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.389 ng/ul
 RT: 21.29 min Scan# 3095
 Delta R.T. 0.01 min
 Lab File: BM012725.D
 Acq: 05 Nov 2017 01:55

Instrument :
 BNA_M
 ClientSampleId :
 B-67(2.5-3.8)-101017

Tot Ion	Ratio	Lower	Upper
149	100		
167	51.0	21.6	32.4#
279	14.1	3.0	4.4#

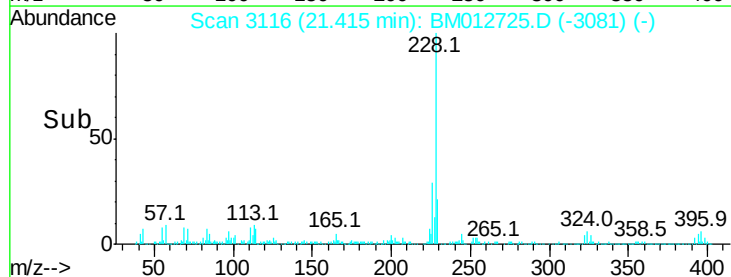
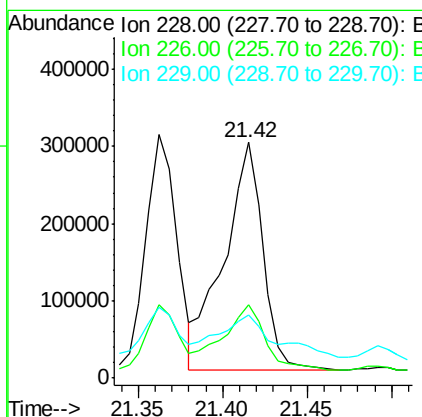
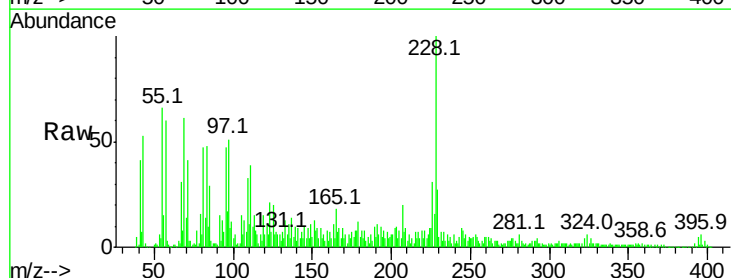
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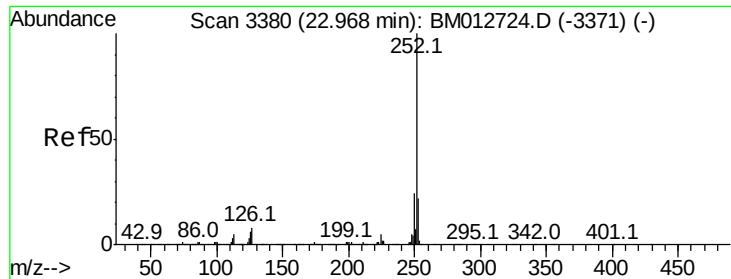
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#84
 Chrysene
 Concen: 15.538 ng/ul
 RT: 21.42 min Scan# 3116
 Delta R.T. 0.01 min
 Lab File: BM012725.D
 Acq: 05 Nov 2017 01:55

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.0	36.0
229	27.0	15.6	23.4#





#87

Benzo(b)fluoranthene

Concen: 13.323 ng/ul

RT: 22.99 min Scan# 3384

Delta R.T. 0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

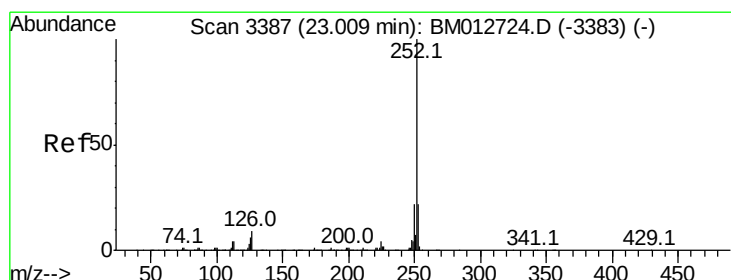
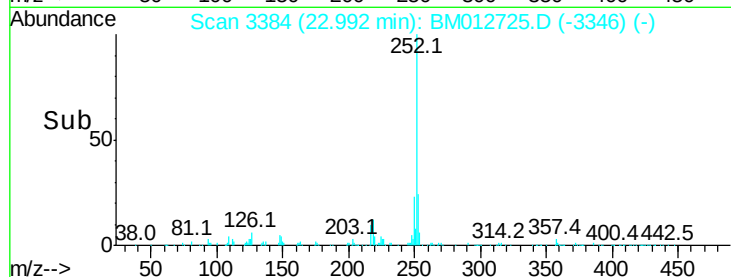
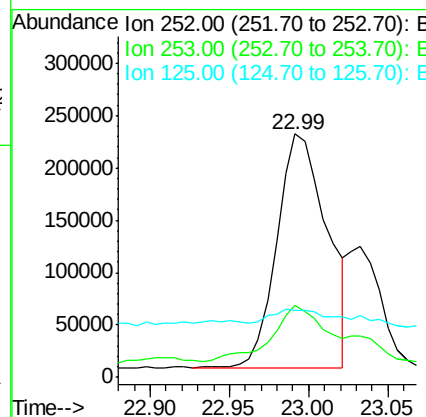
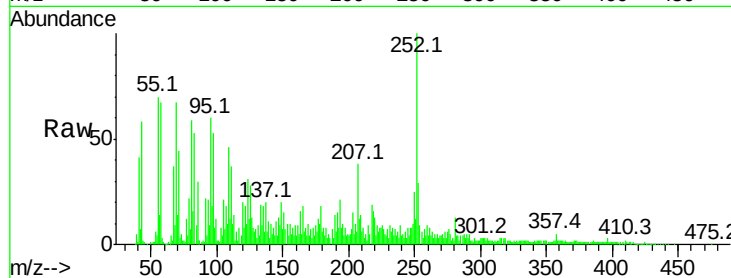
ClientSampleId :

B-67(2.5-3.8)-101017

Tot Ion:	252	Resp:	493414
Ion Ratio	Lower	Upper	
252	100		
253	29.4	17.5	26.3#
125	27.5	8.5	12.7#

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#88

Benzo(k)fluoranthene

Concen: 4.688 ng/ul m

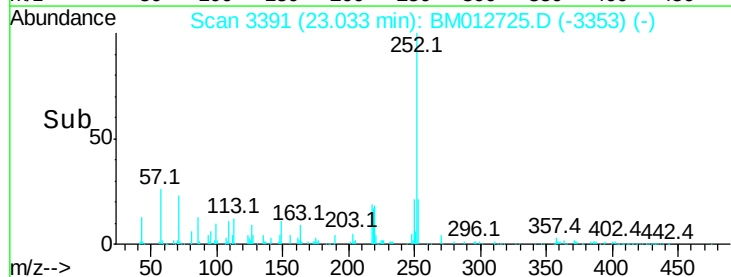
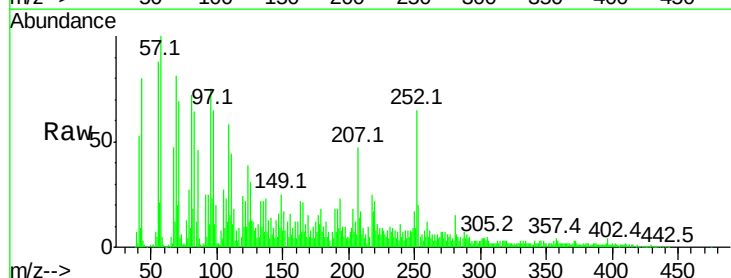
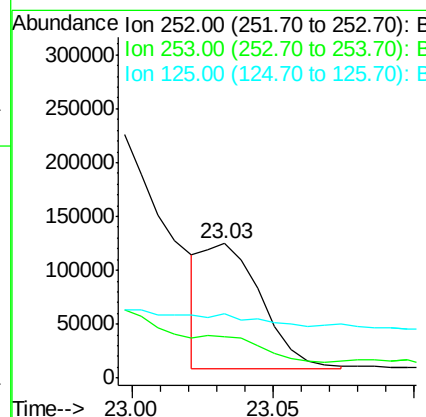
RT: 23.03 min Scan# 3391

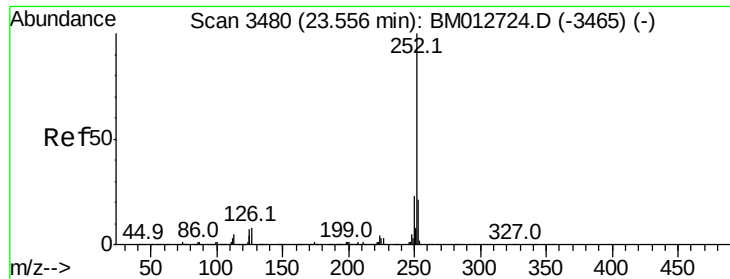
Delta R.T. 0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Tgt Ion:	252	Resp:	165044
Ion Ratio	Lower	Upper	
252	100		
253	31.1	17.3	25.9#
125	47.4	8.2	12.2#





#90

Benzo(a)pyrene

Concen: 7.759 ng/ul

RT: 23.58 min Scan# 3484

Delta R.T. 0.02 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Instrument :

BNA_M

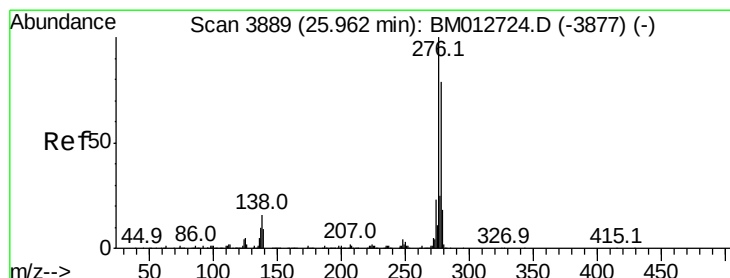
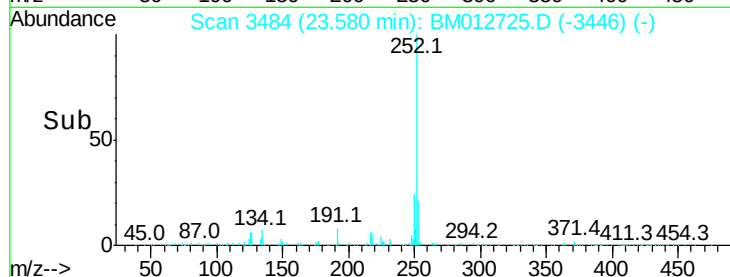
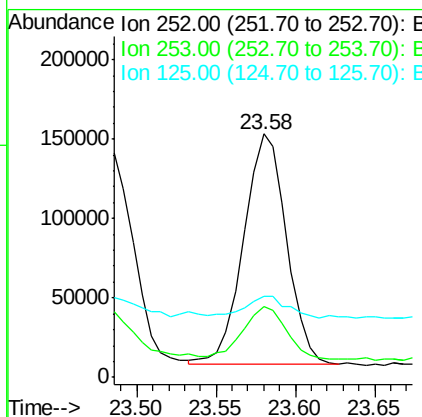
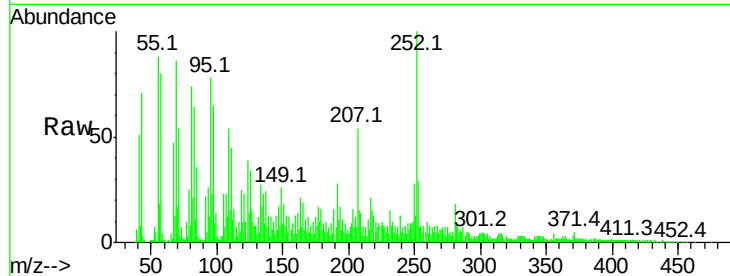
ClientSampleId :

B-67(2.5-3.8)-101017

Tot Ion	Ratio	Lower	Upper
252	100		
253	28.9	17.2	25.8#
125	33.5	9.0	13.6#

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#91

Indeno(1,2,3-cd)pyrene

Concen: 4.819 ng/ul

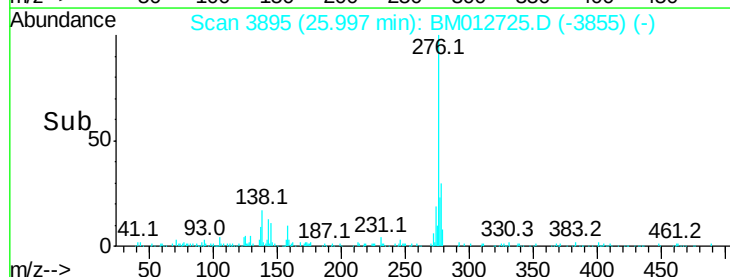
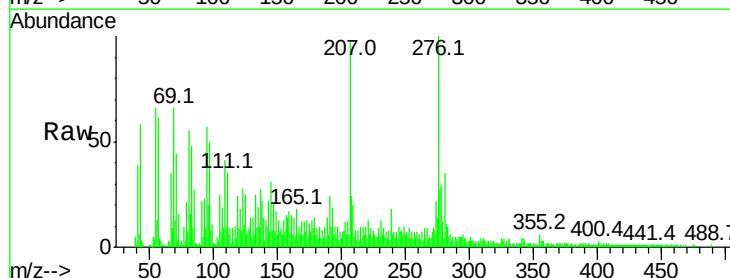
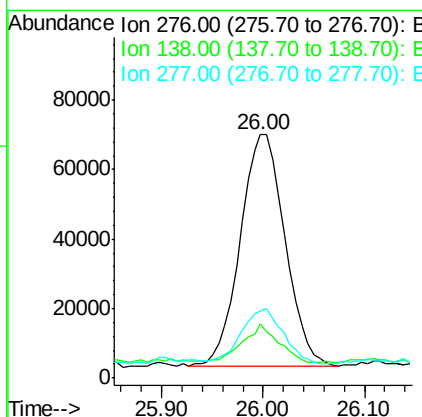
RT: 26.00 min Scan# 3895

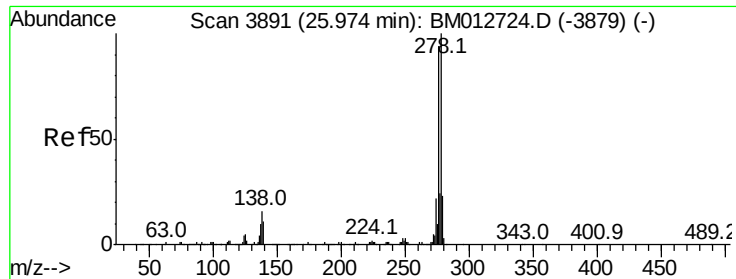
Delta R.T. 0.04 min

Lab File: BM012725.D

Acq: 05 Nov 2017 01:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	22.1	22.3	33.5#
277	27.4	20.2	30.2





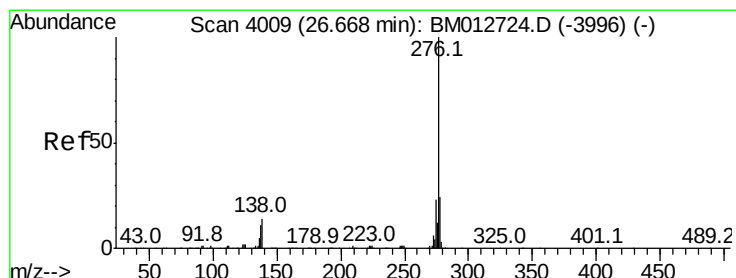
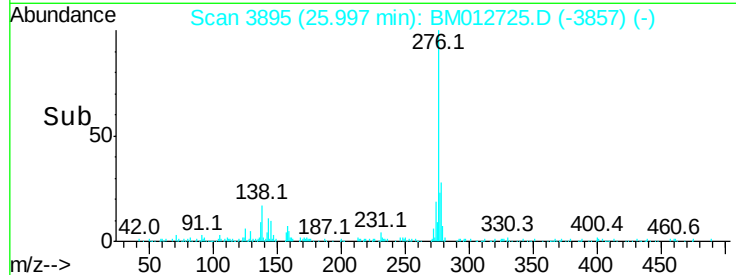
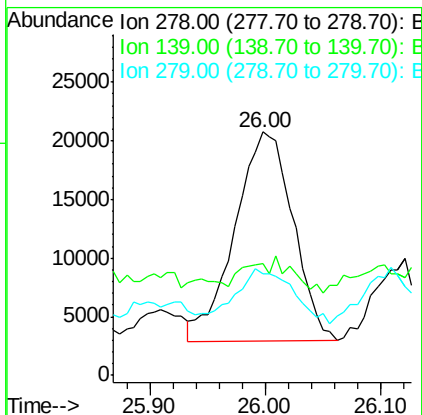
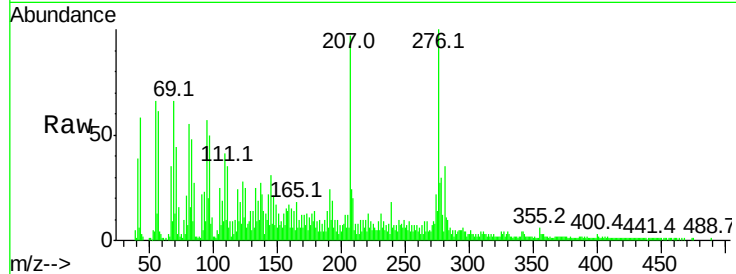
#92
Dibenzo(a,h)anthracene
Concen: 1.739 ng/ul
RT: 26.00 min Scan# 3895
Delta R.T. 0.02 min
Lab File: BM012725.D
Acq: 05 Nov 2017 01:55

Instrument :
BNA_M
ClientSampleId :
B-67(2.5-3.8)-101017

Tot Ion	Ratio	Lower	Upper
278	100		
139	46.0	13.9	20.9#
279	41.8	19.0	28.4#

Manual Integrations
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#93
Benzo(g,h,i)perylene
Concen: 5.149 ng/ul
RT: 26.73 min Scan# 4020
Delta R.T. 0.06 min
Lab File: BM012725.D
Acq: 05 Nov 2017 01:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.7	18.9	28.3
277	28.9	19.2	28.8#

