

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012726.D
 Acq On : 05 Nov 2017 02:31
 Operator : SJ/JU
 Sample : I5825-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-63(0-1)-101117

Manual Integrations
 APPROVED

Sohil
 11/6/2017 4:23:59 PM

Quant Time: Nov 06 03:58:08 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	7.81	152	106368	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	434149	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	259329	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	547930	20.00	ng/ul	0.00
77) Chrysene-d12	21.37	240	546506	20.00	ng/ul	0.00
85) Perylene-d12	23.66	264	602862	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	6833	3.47	ng/uL	0.00
5) Phenol-d5	6.99	99	176297	22.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	100118	23.34	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	155505	23.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.52	113	148716	21.77	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	75260	23.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	89075	24.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	175441	23.32	ng/ul	0.00
29) 4-Chloroaniline-d4	10.75	131	12328	1.70	ng/ul	0.00
43) Dimethylphthalate-d6	13.86	166	547447	25.51	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	677396	25.52	ng/ul	0.00
51) 4-Nitrophenol-d4	14.66	143	54156	15.75	ng/ul	0.00
57) Fluorene-d10	15.44	176	464462	25.27	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	69552	19.23	ng/ul	0.00
70) Anthracene-d10	17.29	188	666089	25.16	ng/ul	0.00
78) Pyrene-d10	19.59	212	700031	27.61	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.51	264	729334	25.59	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	7.01	94	21159	2.604	ng/ul#	87
44) Dimethylphthalate	13.90	163	83423	3.917	ng/ul	97
49) Acenaphthene	14.51	153	46067	2.628	ng/ul	97
53) Dibenzofuran	14.85	168	27239	1.066	ng/ul	97
58) Fluorene	15.50	166	49596	2.336	ng/ul	98
69) Phenanthrene	17.23	178	888997	29.684	ng/ul	99
71) Anthracene	17.33	178	211257	6.803	ng/ul	100
74) Carbazole	17.60	167	99383	3.837	ng/ul	98
75) Di-n-butylphthalate	18.16	149	3597793	118.557	ng/ul	99
76) Fluoranthene	19.25	202	1987302	55.220	ng/ul#	93
79) Pyrene	19.62	202	1685793	51.702	ng/ul#	91
80) Butylbenzylphthalate	20.51	149	138048	11.610	ng/ul#	95
82) Benzo(a)anthracene	21.36	228	939914	28.422	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.29	149	175581	10.136	ng/ul#	92
84) Chrysene	21.41	228	924149	30.835	ng/ul	98
87) Benzo(b)fluoranthene	22.97	252	1596583	43.336	ng/ul#	97
88) Benzo(k)fluoranthene	23.01	252	403085m	11.511	ng/ul	
90) Benzo(a)pyrene	23.56	252	1022352m	29.163	ng/ul	
91) Indeno(1,2,3-cd)pyrene	25.97	276	805202	19.058	ng/ul#	85
92) Dibenz(a,h)anthracene	25.97	278	198408	5.547	ng/ul	97
93) Benzo(a,h,i)perylene	26.68	276	715812	20.560	ng/ul#	90

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
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Sample : I5825-02
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B-63(0-1)-101117

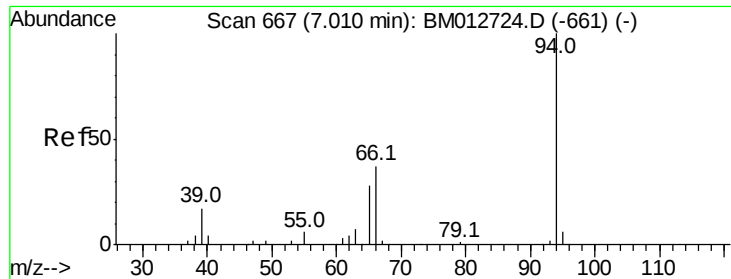
Manual Integrations
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11/6/2017 4:23:59 PM

Quant Time: Nov 06 03:58:08 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)

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



#6

Phenol

Concen: 2.604 ng/ul

RT: 7.01 min Scan# 667

Delta R.T. 0.00 min

Lab File: BM012726.D

Acq: 05 Nov 2017 02:31

Instrument :

BNA_M

ClientSampleId :

B-63(0-1)-101117

Tot Ion: 94 Resp: 21159

Ion Ratio Lower Upper

94 100

65 32.0 21.0 31.6#

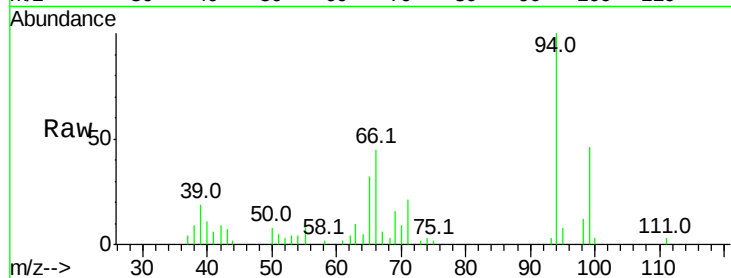
66 44.6 29.3 43.9#

Manual Integrations

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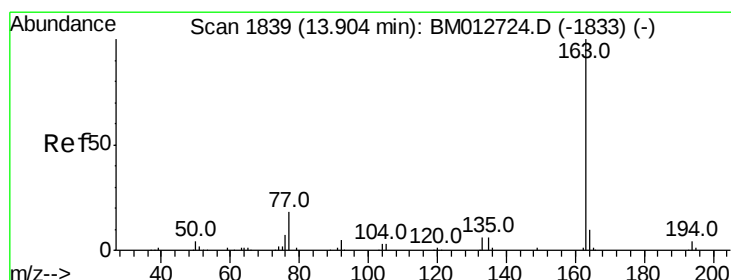
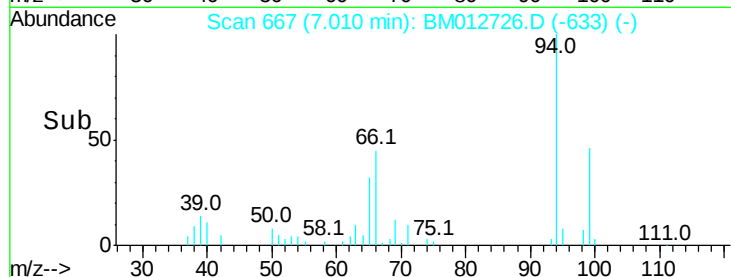


Abundance Ion 94.00 (93.70 to 94.70): BM012724.D (-661) (-)

Ion 65.00 (64.70 to 65.70): BM012724.D (-661) (-)

Ion 66.00 (65.70 to 66.70): BM012724.D (-661) (-)

Time-->



#44

Dimethylphthalate

Concen: 3.917 ng/ul

RT: 13.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BM012726.D

Acq: 05 Nov 2017 02:31

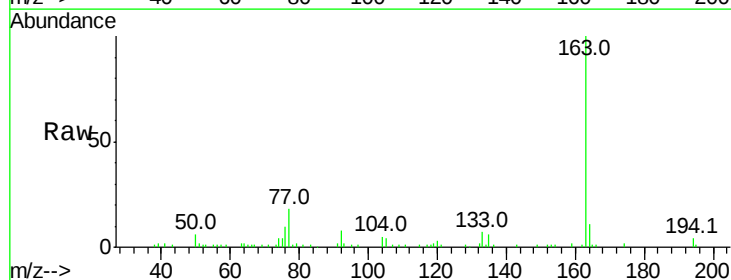
Tgt Ion:163 Resp: 83423

Ion Ratio Lower Upper

163 100

194 4.5 3.2 4.8

164 11.3 7.8 11.8

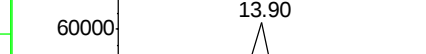
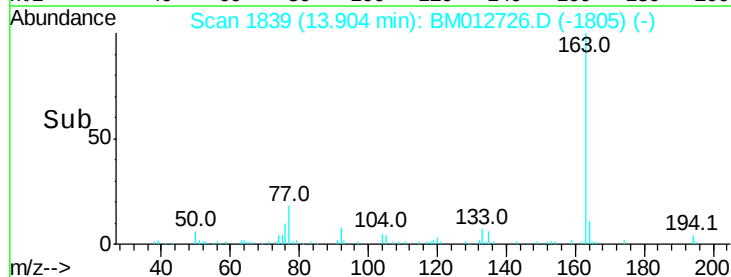


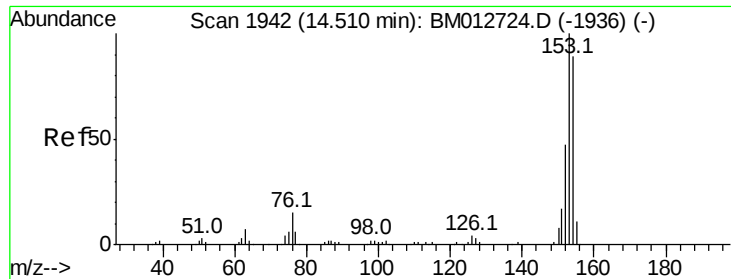
Abundance Ion 163.00 (162.70 to 163.70): BM012724.D (-1833) (-)

Ion 194.00 (193.70 to 194.70): BM012724.D (-1833) (-)

Ion 164.00 (163.70 to 164.70): BM012724.D (-1833) (-)

Time-->





#49

Acenaphthene

Concen: 2.628 ng/ul

RT: 14.51 min Scan# 1942

Delta R.T. 0.00 min

Lab File: BM012726.D

Acq: 05 Nov 2017 02:31

Instrument :

BNA_M

ClientSampleId :

B-63(0-1)-101117

Tot Ion:153 Resp: 46067

Ion Ratio Lower Upper

153 100

152 47.2 38.3 57.5

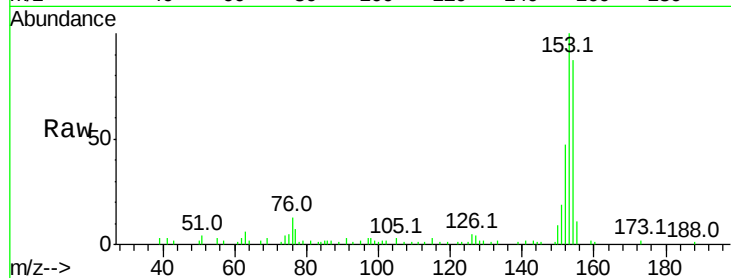
154 86.6 71.8 107.8

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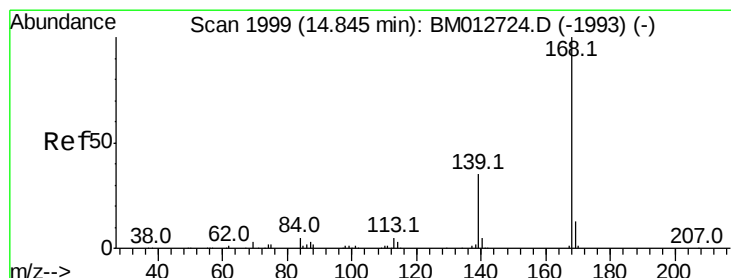
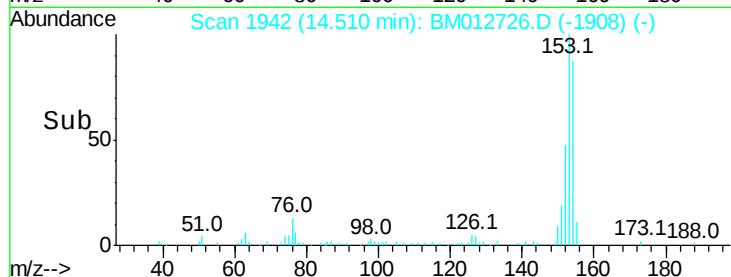
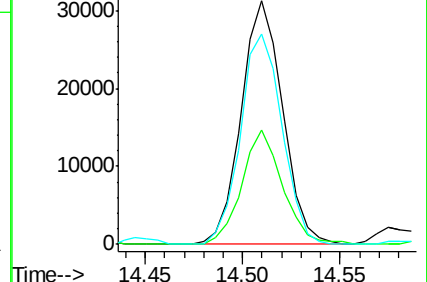
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.066 ng/ul

RT: 14.85 min Scan# 1999

Delta R.T. 0.00 min

Lab File: BM012726.D

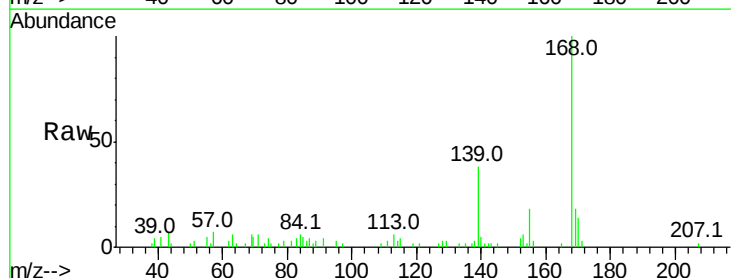
Acq: 05 Nov 2017 02:31

Tgt Ion:168 Resp: 27239

Ion Ratio Lower Upper

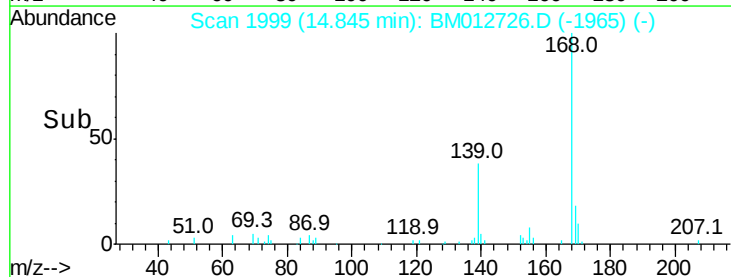
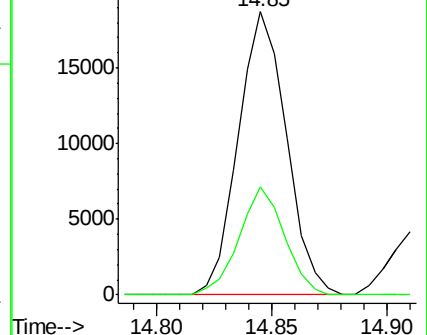
168 100

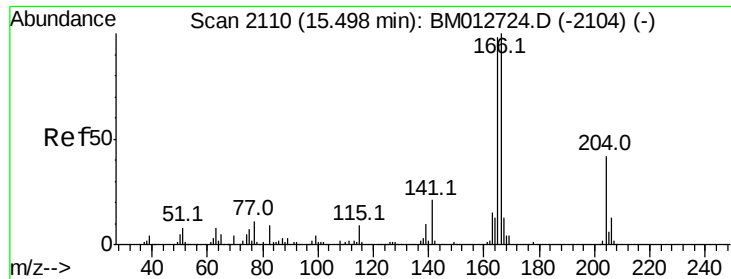
139 38.1 32.2 48.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.336 ng/ul

RT: 15.50 min Scan# 2110

Delta R.T. 0.00 min

Lab File: BM012726.D

Acq: 05 Nov 2017 02:31

Instrument :

BNA_M

ClientSampleId :

B-63(0-1)-101117

Tot Ion:166 Resp: 49596

Ion Ratio Lower Upper

166 100

165 96.2 78.5 117.7

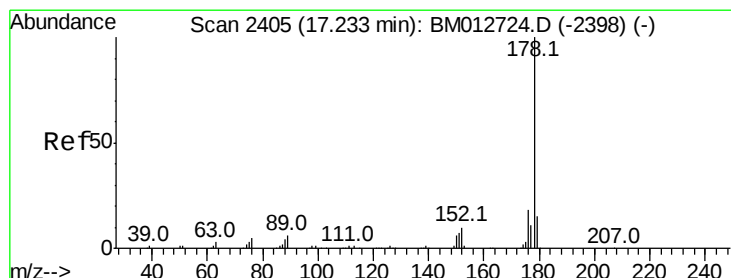
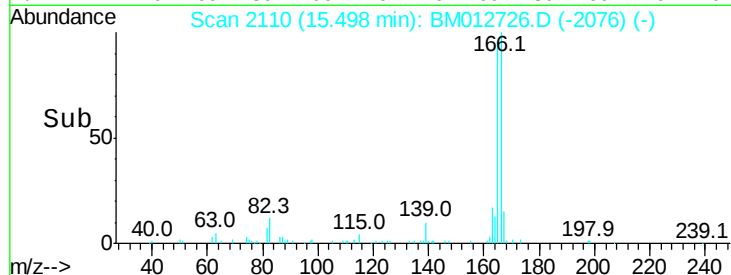
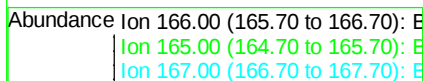
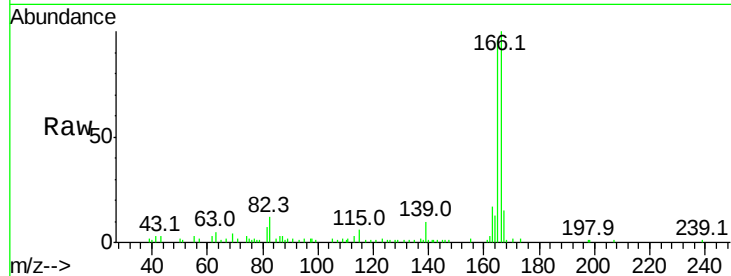
167 14.8 10.7 16.1

Manual Integrations

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#69

Phenanthrene

Concen: 29.684 ng/ul

RT: 17.23 min Scan# 2405

Delta R.T. 0.00 min

Lab File: BM012726.D

Acq: 05 Nov 2017 02:31

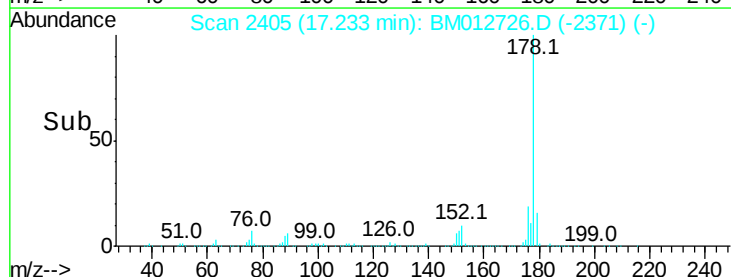
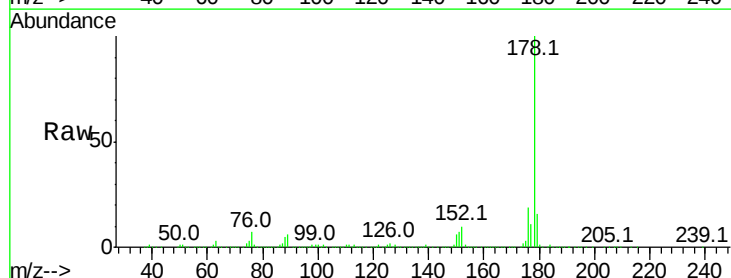
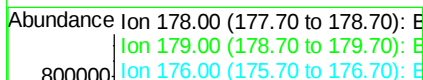
Tgt Ion:178 Resp: 888997

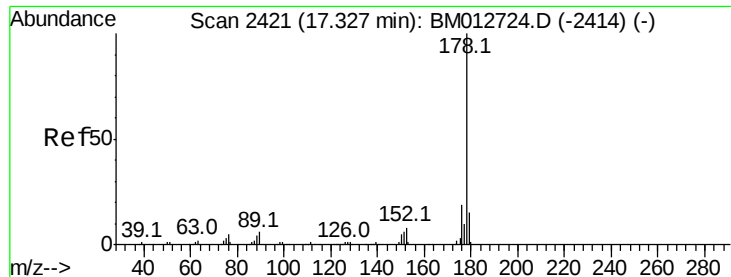
Ion Ratio Lower Upper

178 100

179 15.6 12.2 18.4

176 18.8 15.6 23.4





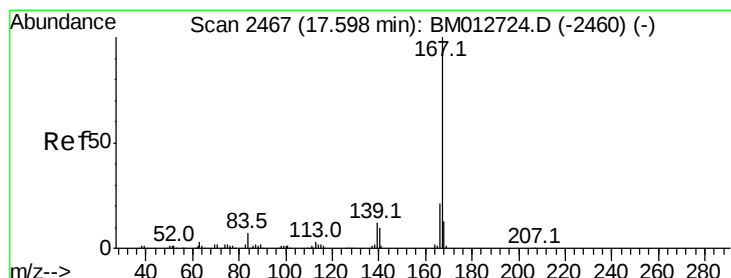
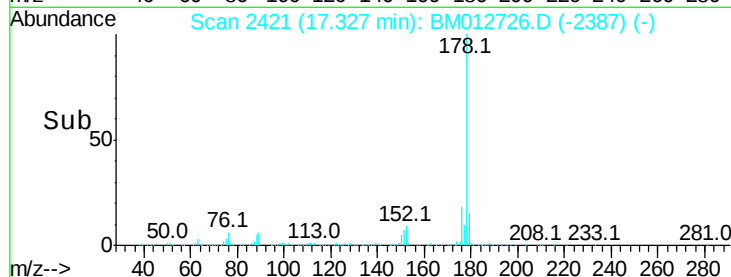
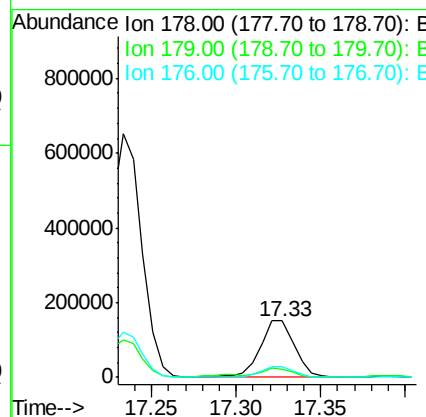
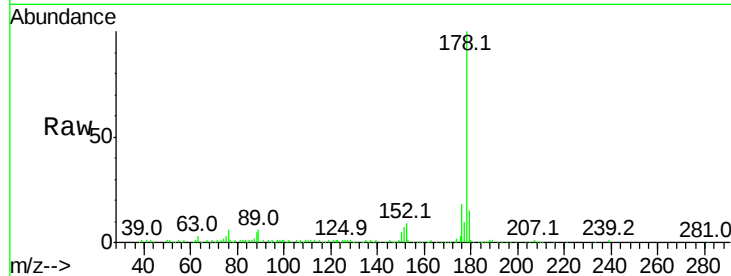
#71
 Anthracene
 Concen: 6.803 ng/ul
 RT: 17.33 min Scan# 2421
 Delta R.T. 0.00 min
 Lab File: BM012726.D
 Acq: 05 Nov 2017 02:31

Instrument :
 BNA_M
 ClientSampleId :
 B-63(0-1)-101117

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	18.4	14.8	22.2

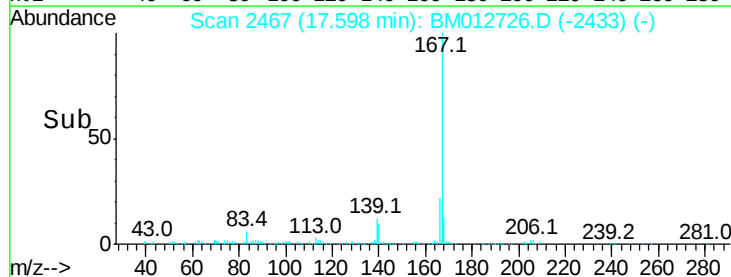
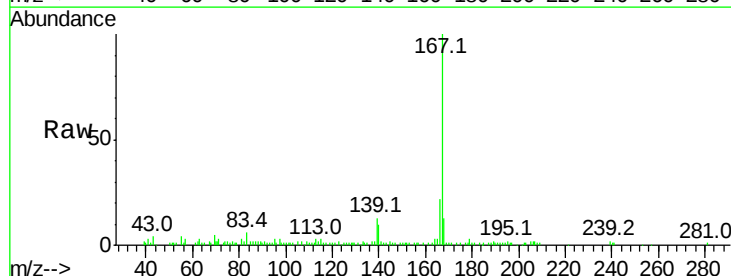
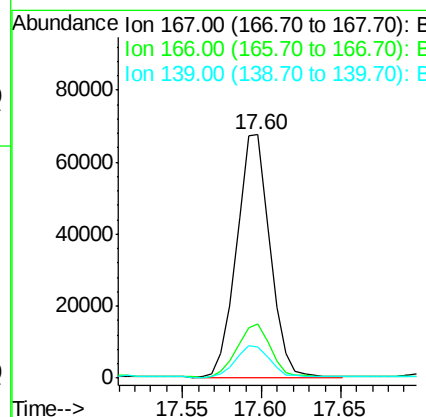
Manual Integrations
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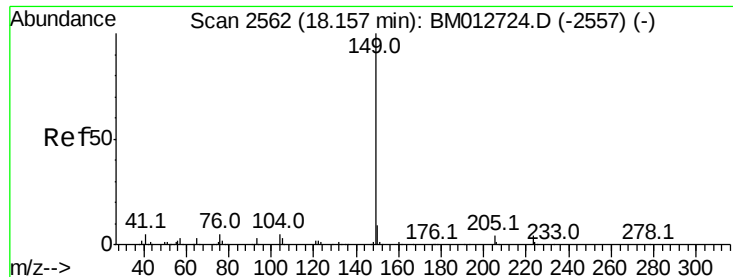
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#74
 Carbazole
 Concen: 3.837 ng/ul
 RT: 17.60 min Scan# 2467
 Delta R.T. 0.00 min
 Lab File: BM012726.D
 Acq: 05 Nov 2017 02:31

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.0	25.6
139	12.7	11.0	16.4





#75

Di-n-butylphthalate

Concen: 118.557 ng/ul

RT: 18.16 min Scan# 2563

Delta R.T. 0.01 min

Lab File: BM012726.D

Acq: 05 Nov 2017 02:31

Instrument :

BNA_M

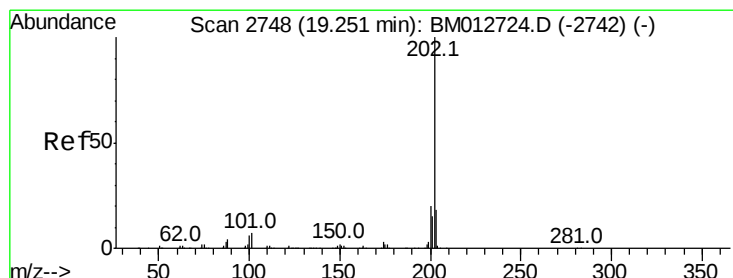
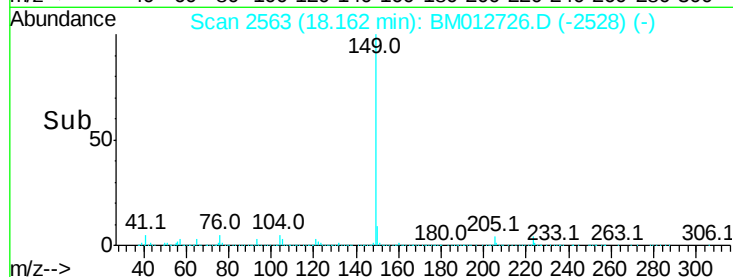
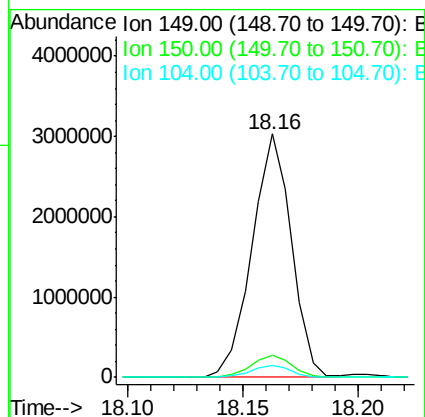
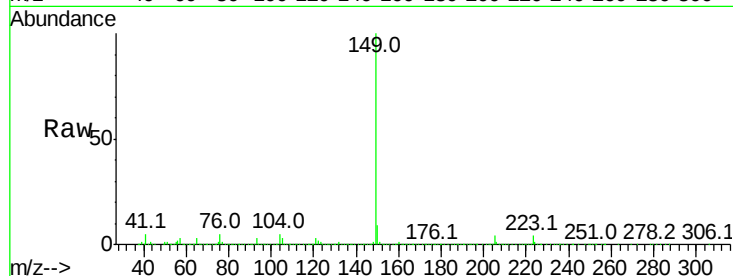
ClientSampleId :

B-63(0-1)-101117

Tot Ion:	149	Resp:	3597793
Ion	Ratio	Lower	Upper
149	100		
150	9.0	7.4	11.0
104	4.9	4.0	6.0

Manual Integrations
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#76

Fluoranthene

Concen: 55.220 ng/ul

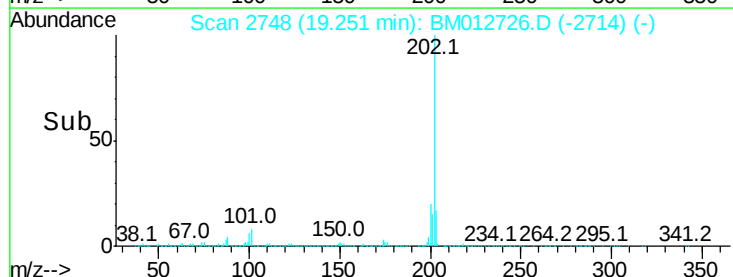
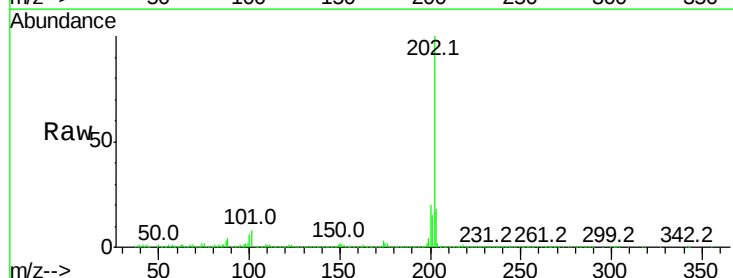
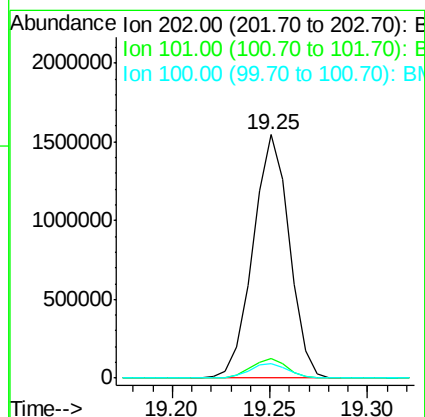
RT: 19.25 min Scan# 2748

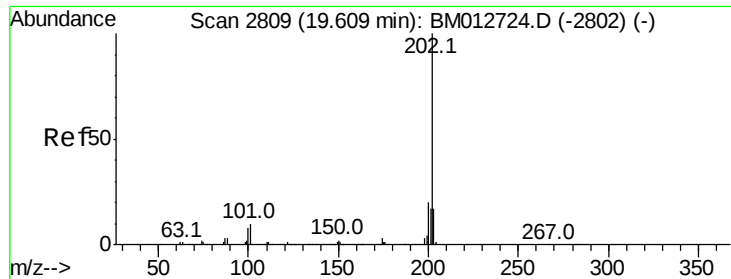
Delta R.T. 0.00 min

Lab File: BM012726.D

Acq: 05 Nov 2017 02:31

Tgt Ion:	202	Resp:	1987302
Ion	Ratio	Lower	Upper
202	100		
101	8.3	8.8	13.2#
100	6.0	6.6	9.8#





#79

Pvrene

Concen: 51.702 ng/ul

RT: 19.62 min Scan# 2810

Delta R.T. 0.01 min

Lab File: BM012726.D

Acq: 05 Nov 2017 02:31

Instrument :

BNA_M

ClientSampleId :

B-63(0-1)-101117

Tot Ion:202 Resp: 1685793

Ion Ratio Lower Upper

202 100

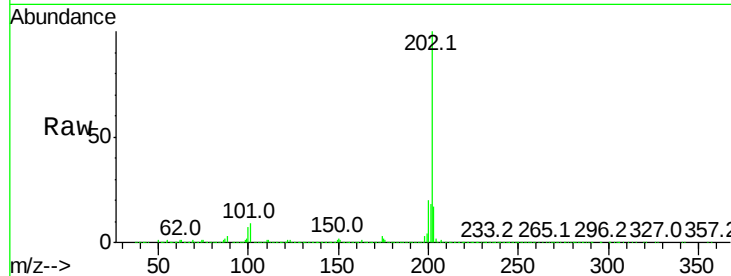
101 9.2 10.2 15.2#

100 7.3 8.5 12.7#

Manual Integrations
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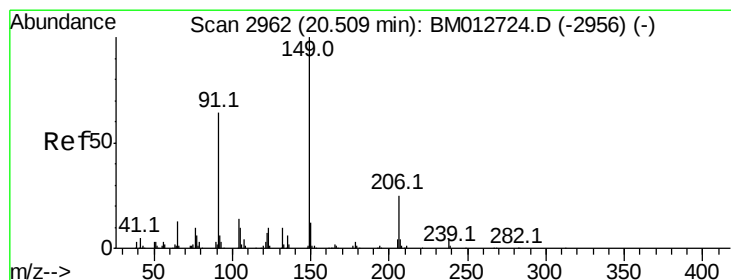
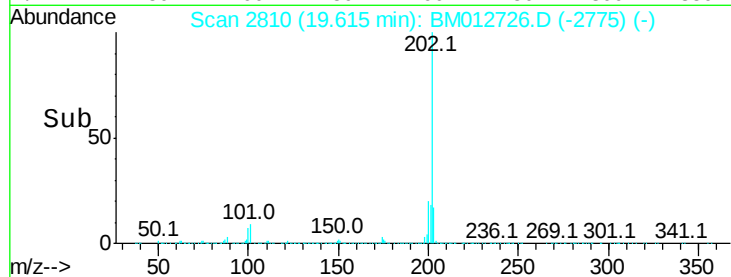
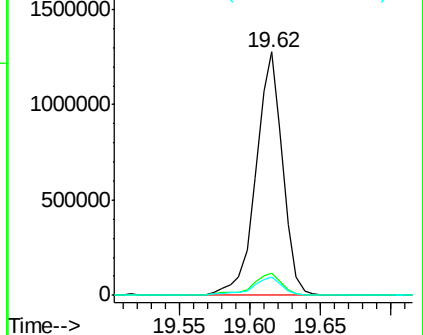
11/6/2017 4:23:59 PM



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



#80

Butylbenzylphthalate

Concen: 11.610 ng/ul

RT: 20.51 min Scan# 2962

Delta R.T. 0.00 min

Lab File: BM012726.D

Acq: 05 Nov 2017 02:31

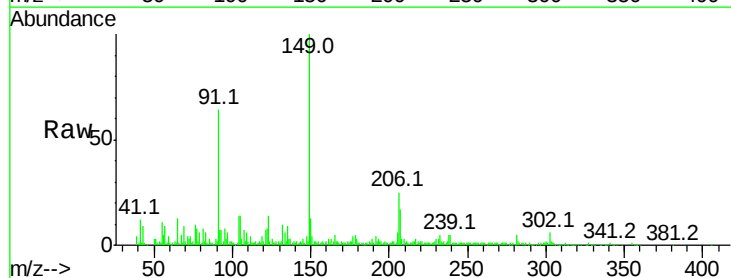
Tgt Ion:149 Resp: 138048

Ion Ratio Lower Upper

149 100

91 63.5 53.4 80.2

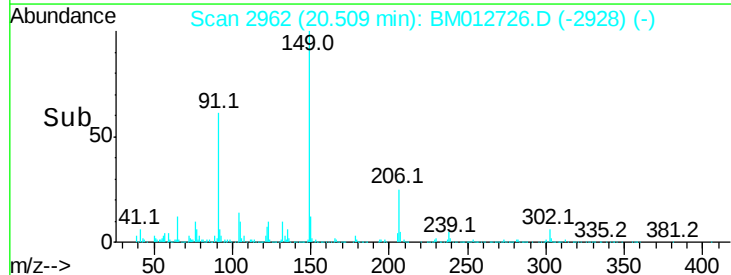
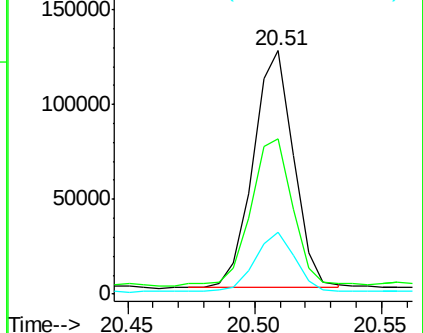
206 25.4 16.6 24.8#

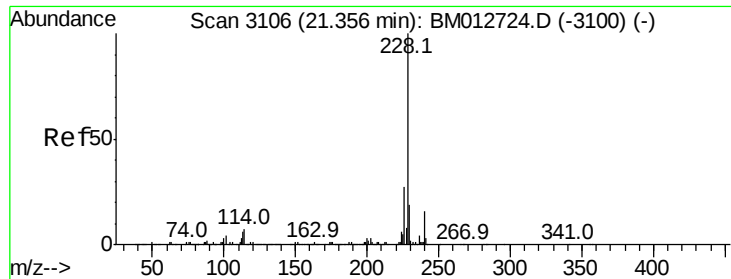


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E





#82

Benzo(a)anthracene

Concen: 28.422 ng/ul

RT: 21.36 min Scan# 3106

Delta R.T. 0.00 min

Lab File: BM012726.D

Acq: 05 Nov 2017 02:31

Instrument :

BNA_M

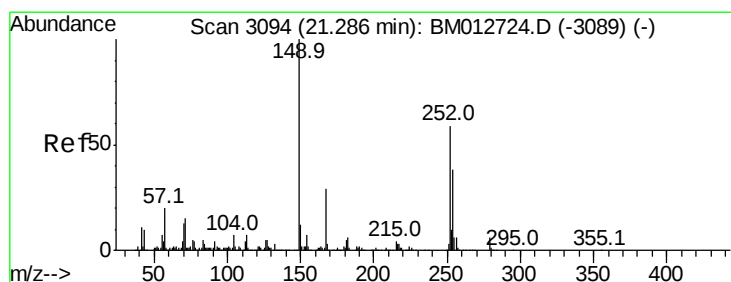
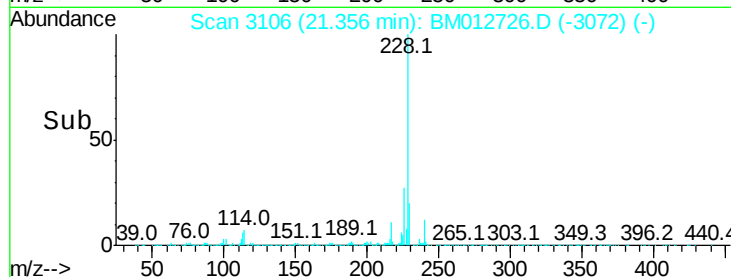
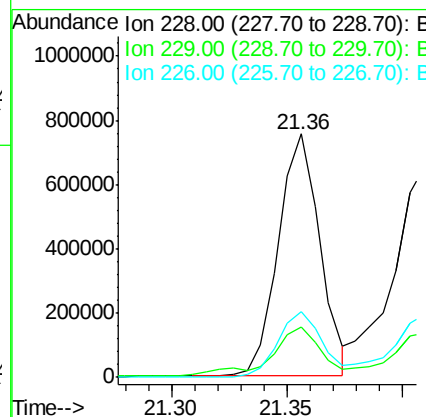
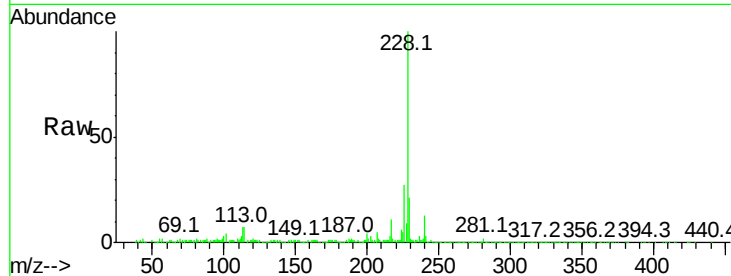
ClientSampleId :

B-63(0-1)-101117

Tot Ion:	228	Resp:	939914
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.7	23.5
226	27.1	21.8	32.6

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#83

Bis(2-ethylhexyl)phthalate

Concen: 10.136 ng/ul

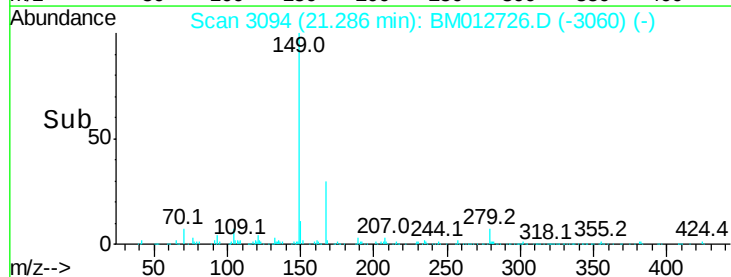
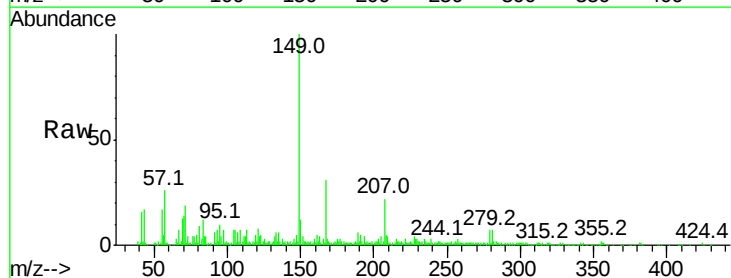
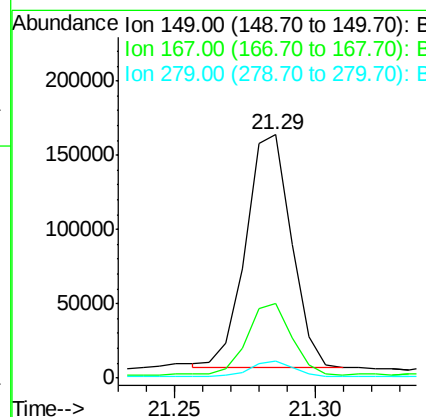
RT: 21.29 min Scan# 3094

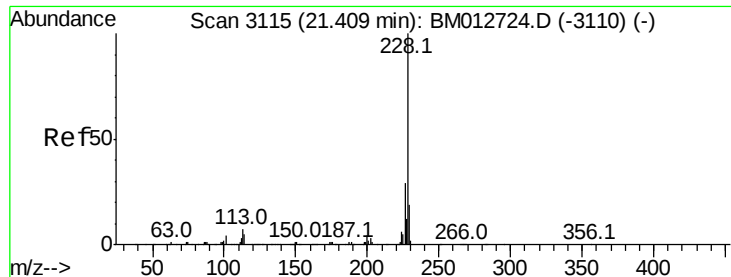
Delta R.T. 0.00 min

Lab File: BM012726.D

Acq: 05 Nov 2017 02:31

Tgt Ion:	149	Resp:	175581
Ion Ratio	Lower	Upper	
149	100		
167	30.8	21.6	32.4
279	7.0	3.0	4.4#





#84

Chrysene

Concen: 30.835 ng/ul

RT: 21.41 min Scan# 3115

Delta R.T. 0.00 min

Lab File: BM012726.D

Acq: 05 Nov 2017 02:31

Instrument :

BNA_M

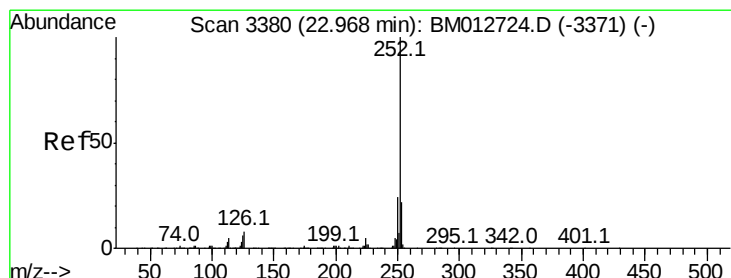
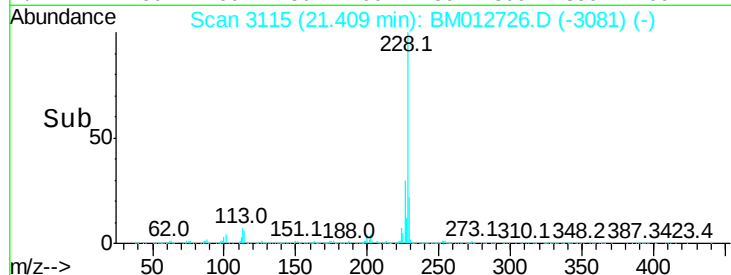
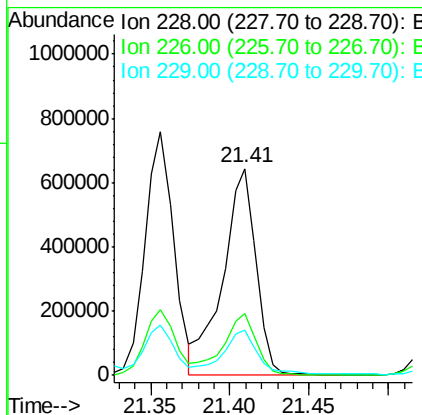
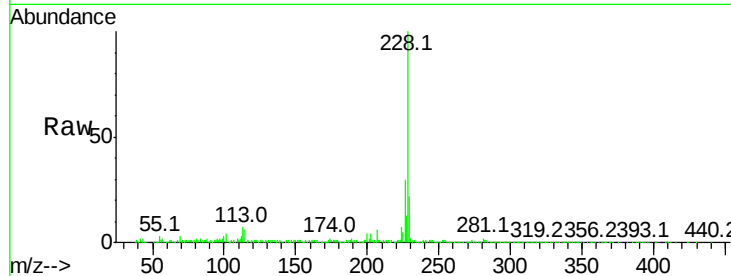
ClientSampleId :

B-63(0-1)-101117

Tot Ion:	228	Resp:	924149
Ion Ratio	Lower	Upper	
228	100		
226	29.7	24.0	36.0
229	21.9	15.6	23.4

Manual Integrations
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#87

Benzo(b)fluoranthene

Concen: 43.336 ng/ul

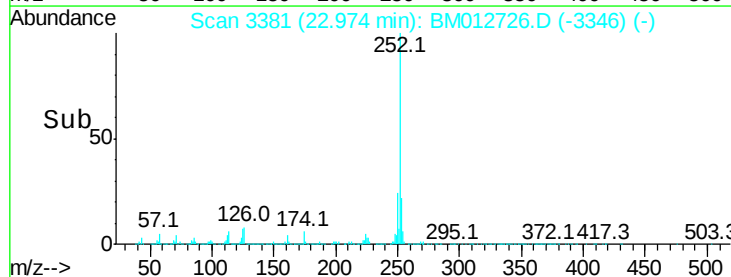
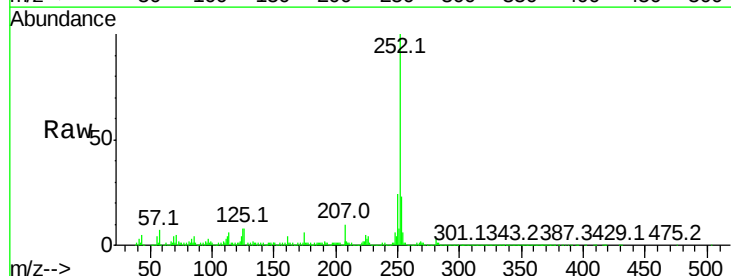
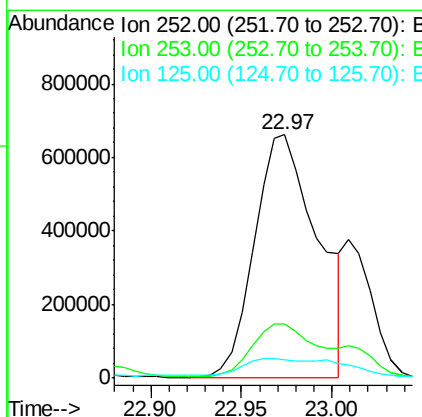
RT: 22.97 min Scan# 3381

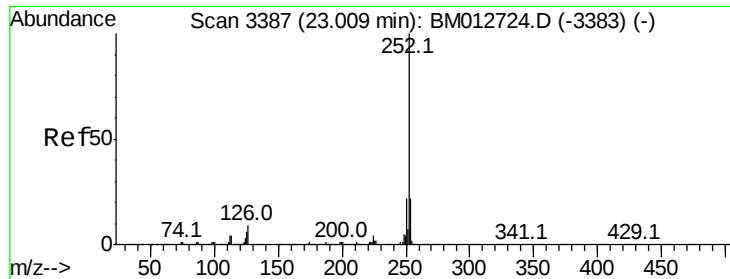
Delta R.T. 0.01 min

Lab File: BM012726.D

Acq: 05 Nov 2017 02:31

Tgt Ion:	252	Resp:	1596583
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.5	26.3
125	7.7	8.5	12.7#





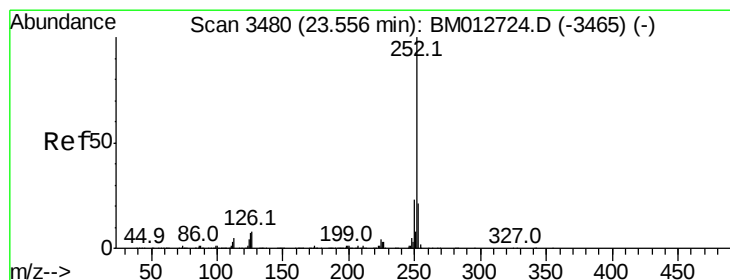
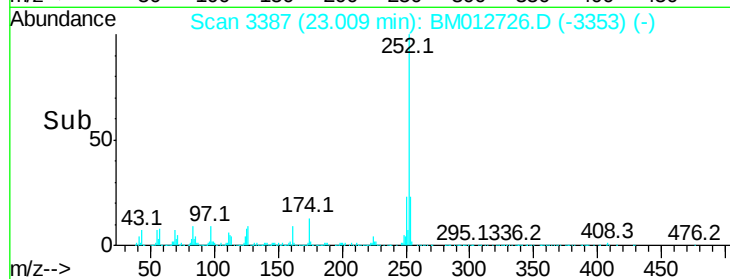
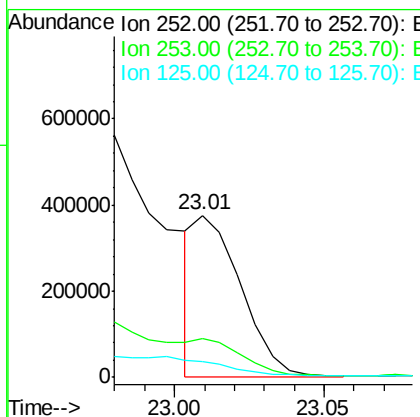
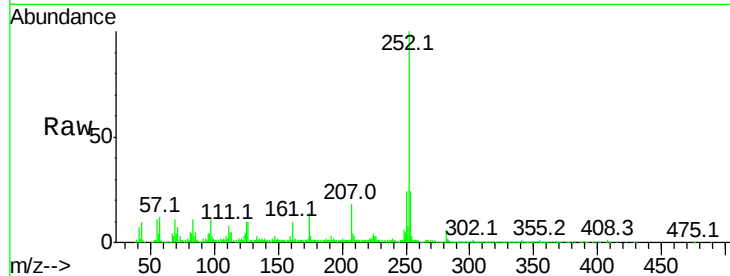
#88
Benzo(k)fluoranthene
Concen: 11.511 ng/ul m
RT: 23.01 min Scan# 3387
Delta R.T. 0.00 min
Lab File: BM012726.D
Acq: 05 Nov 2017 02:31

Instrument :
BNA_M
ClientSampleId :
B-63(0-1)-101117

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	9.6	8.2	12.2

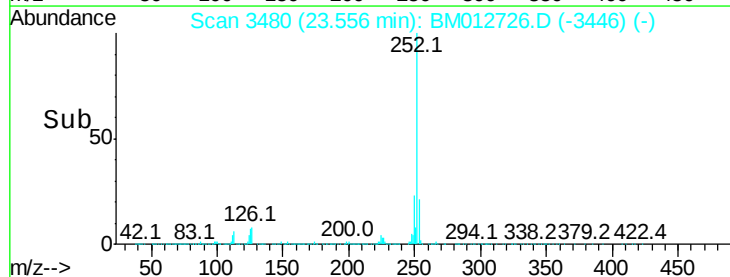
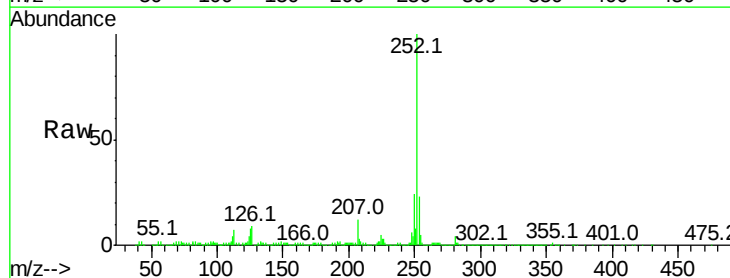
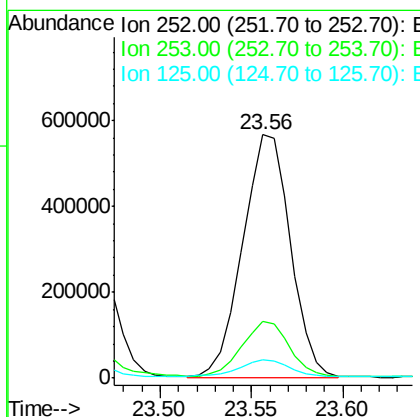
Manual Integrations
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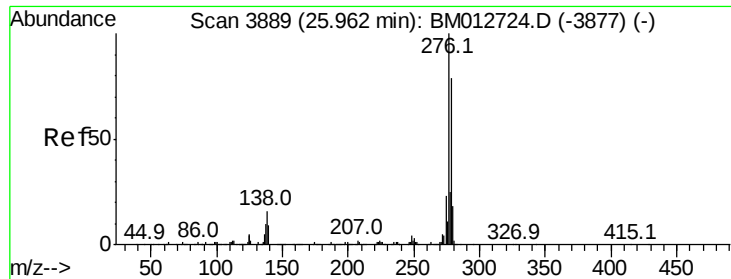
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#90
Benzo(a)pyrene
Concen: 29.163 ng/ul m
RT: 23.56 min Scan# 3480
Delta R.T. 0.00 min
Lab File: BM012726.D
Acq: 05 Nov 2017 02:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.2	25.8
125	7.6	9.0	13.6





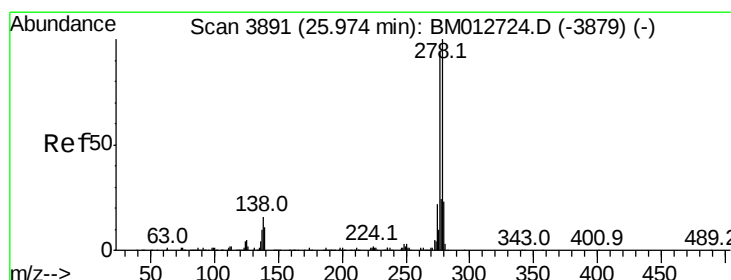
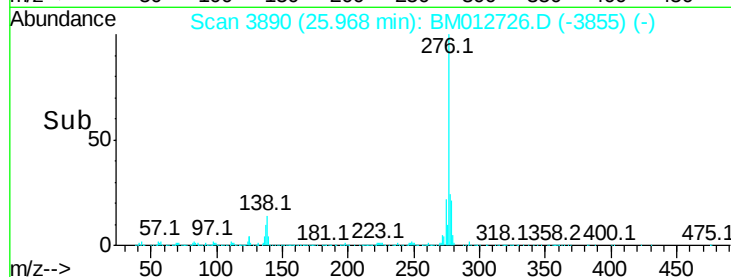
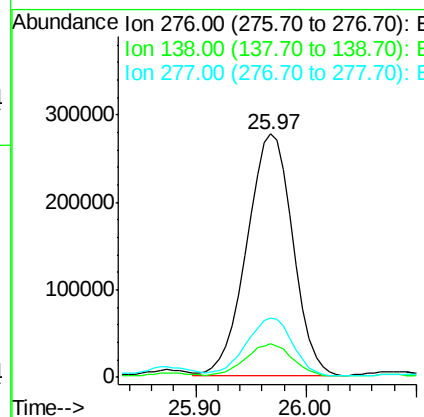
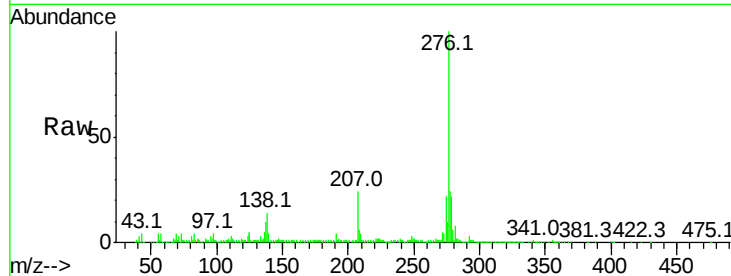
#91
Indeno(1,2,3-cd)pyrene
Concen: 19.058 ng/ul
RT: 25.97 min Scan# 3890
Delta R.T. 0.01 min
Lab File: BM012726.D
Acq: 05 Nov 2017 02:31

Instrument :
BNA_M
ClientSampleId :
B-63(0-1)-101117

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.1	22.3	33.5#
277	24.4	20.2	30.2

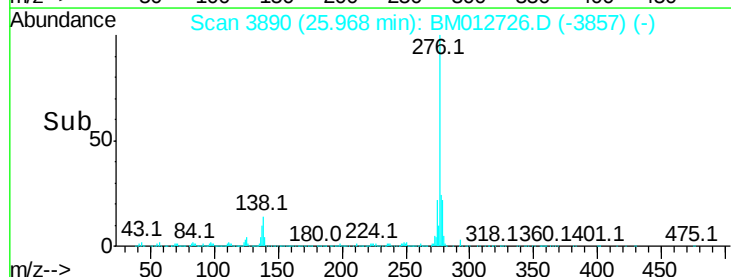
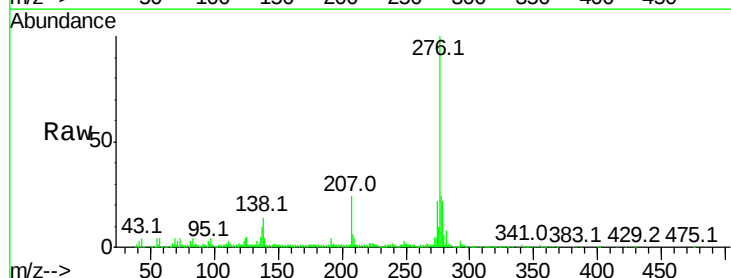
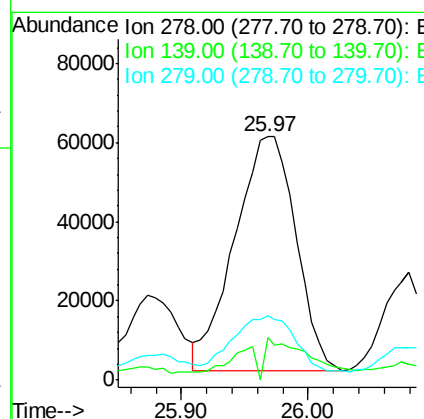
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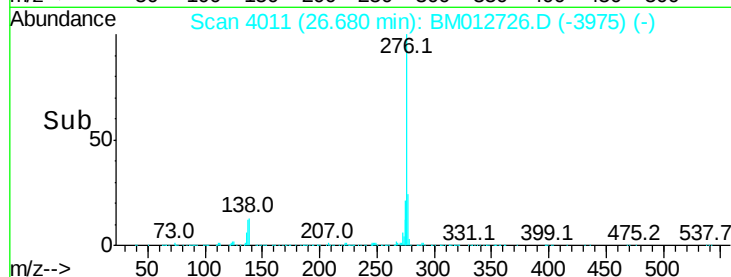
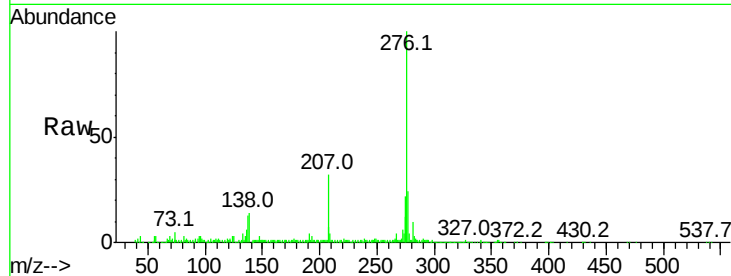
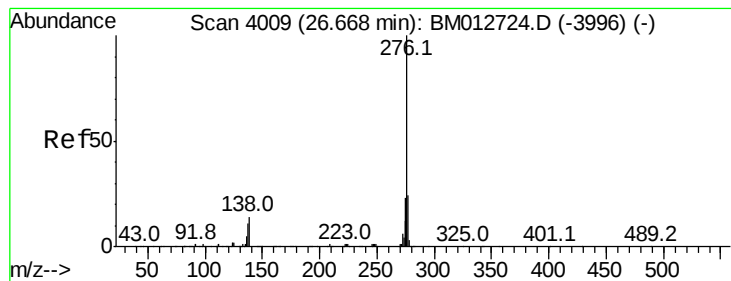
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#92
Dibenzo(a,h)anthracene
Concen: 5.547 ng/ul
RT: 25.97 min Scan# 3890
Delta R.T. -0.01 min
Lab File: BM012726.D
Acq: 05 Nov 2017 02:31

Tgt Ion	Ratio	Lower	Upper
278	100		
139	17.5	13.9	20.9
279	26.4	19.0	28.4





#93

Benzo(a,h,i)perylene

Concen: 20.560 ng/ul

RT: 26.68 min Scan# 4011

Delta R.T. 0.01 min

Lab File: BM012726.D

Acq: 05 Nov 2017 02:31

Tot Ion:	276	Resp:	715812
Ion Ratio	Lower	Upper	
276	100		
138	13.9	18.9	28.3#
277	24.2	19.2	28.8

Instrument :

BNA_M

ClientSampleId :

B-63(0-1)-101117

Manual Integrations
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