

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110417\
 Data File : BM012739.D
 Acq On : 05 Nov 2017 10:12
 Operator : SJ/JU
 Sample : I5825-03 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-63(1-3)-101117

Manual Integrations
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Sohil
 11/6/2017 4:24:55 PM

Quant Time: Nov 06 05:46:22 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	116772	20.00	ng/ul	0.00
18) Naphthalene-d8	10.61	136	438696	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	252881	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	566699m	20.00	ng/ul	0.01
77) Chrysene-d12	21.38	240	653116	20.00	ng/ul	0.00
85) Perylene-d12	23.67	264	732156	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.30	96	1932	0.89	ng/uL	0.00
5) Phenol-d5	6.99	99	42484	4.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.15	67	23840	5.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	38641	5.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	37720	5.03	ng/ul	0.00
19) Nitrobenzene-d5	8.97	128	17657	5.45	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	19332	5.21	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.24	165	39847	5.24	ng/ul	0.01
29) 4-Chloroaniline-d4	10.75	131	28255	3.85	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	122052	5.83	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	150701	5.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	12640	3.77	ng/ul	0.02
57) Fluorene-d10	15.44	176	104969	5.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	2724	0.73	ng/ul	0.02
70) Anthracene-d10	17.30	188	164505	6.01	ng/ul	0.00
78) Pyrene-d10	19.59	212	187249	6.18	ng/ul	0.01
89) Benzo(a)pyrene-d12	23.53	264	209815	6.06	ng/ul	0.02

Target Compounds

					Ovalue	
28) Naphthalene	10.66	128	78645	3.586	ng/ul	98
34) 2-Methylnaphthalene	12.27	142	31041	1.852	ng/ul	99
44) Dimethylphthalate	13.91	163	23364	1.125	ng/ul#	97
49) Acenaphthene	14.52	153	229850	13.448	ng/ul	97
53) Dibenzofuran	14.85	168	199722	8.012	ng/ul	94
58) Fluorene	15.50	166	309950	14.968	ng/ul	99
69) Phenanthrene	17.25	178	3774273m	121.850	ng/ul	
71) Anthracene	17.33	178	937812	29.201	ng/ul	100
74) Carbazole	17.60	167	314388	11.737	ng/ul	98
75) Di-n-butylphthalate	18.16	149	712559	22.703	ng/ul	100
76) Fluoranthene	19.26	202	4962655	133.327	ng/ul#	94
79) Pyrene	19.63	202	3902637	100.153	ng/ul#	92
82) Benzo(a)anthracene	21.37	228	1967709	49.789	ng/ul	99
84) Chrysene	21.42	228	1785054	49.838	ng/ul	97
87) Benzo(b)fluoranthene	22.99	252	2355734	52.650	ng/ul#	97
88) Benzo(k)fluoranthene	23.03	252	793015m	18.646	ng/ul	
90) Benzo(a)pyrene	23.57	252	1730944m	40.656	ng/ul	
91) Indeno(1,2,3-cd)pyrene	26.00	276	1133007	22.081	ng/ul#	84
92) Dibenzo(a,h)anthracene	26.00	278	288037	6.631	ng/ul#	80
93) Benzo(g,h,i)perylene	26.71	276	982038	23.226	ng/ul#	90

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

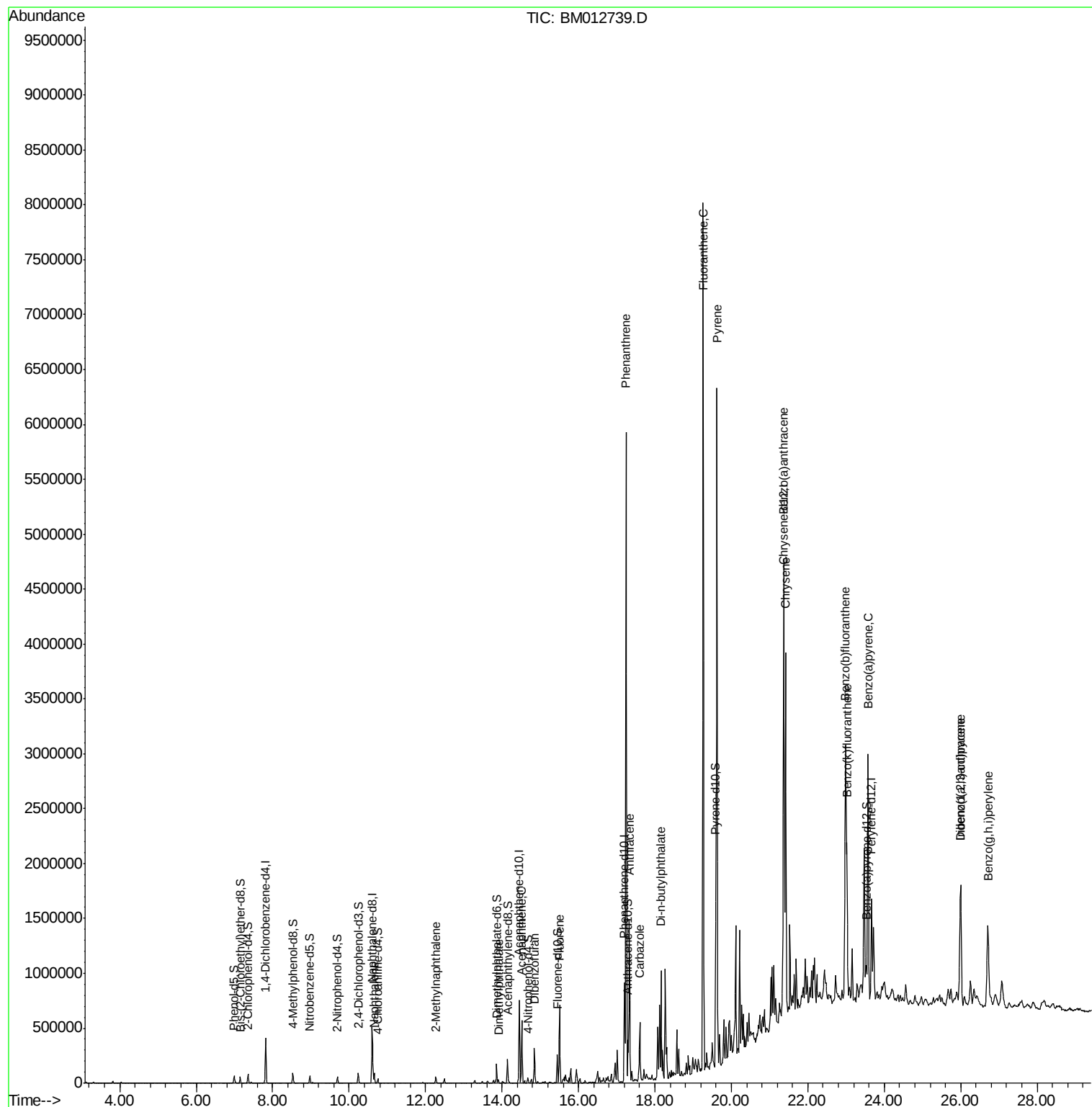
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM110417\
Data File : BM012739.D
Acq On : 05 Nov 2017 10:12
Operator : SJ/JU
Sample : I5825-03 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

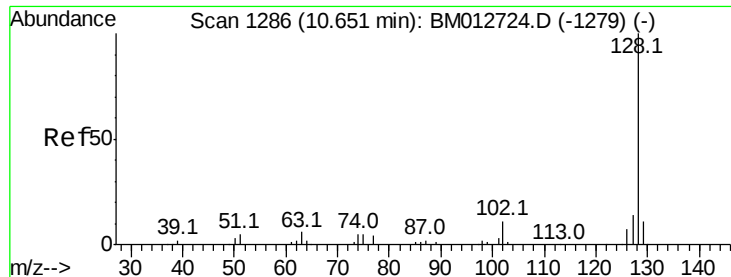
Instrument :
BNA_M
ClientSampleId :
B-63(1-3)-101117

Manual Integrations
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Quant Time: Nov 06 05:46:22 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





#28

Naphthalene

Concen: 3.586 ng/ul

RT: 10.66 min Scan# 1287

Delta R.T. 0.01 min

Lab File: BM012739.D

Acq: 05 Nov 2017 10:12

Instrument :

BNA_M

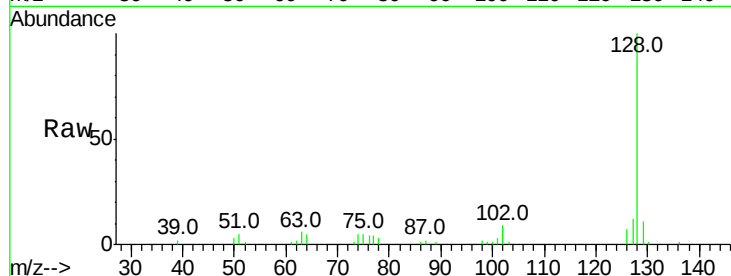
ClientSampleId :

B-63(1-3)-101117

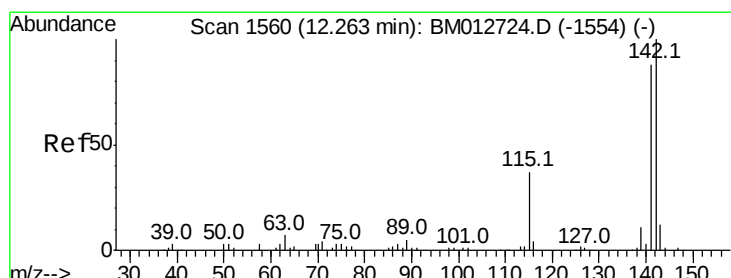
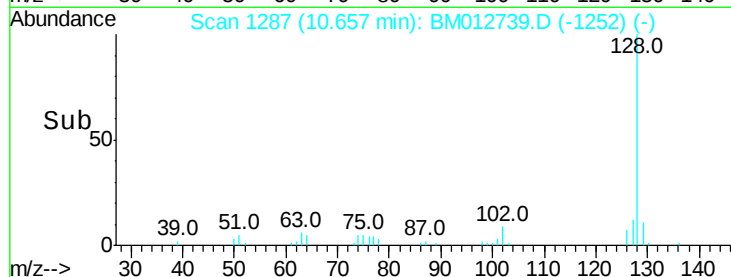
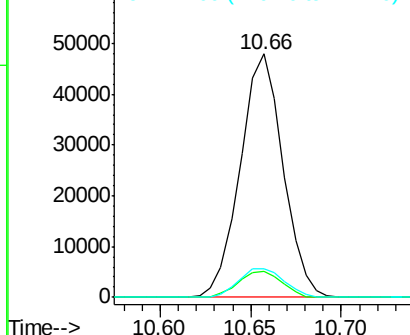
Tot Ion:128	Resp:	78645
Ion Ratio	Lower	Upper
128 100		
129 10.6	8.8	13.2
127 12.0	10.5	15.7

Manual Integrations
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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 1.852 ng/ul

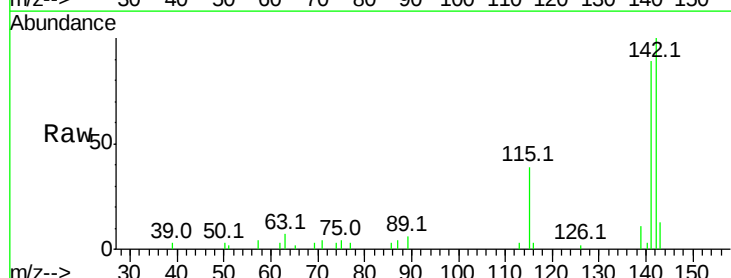
RT: 12.27 min Scan# 1561

Delta R.T. 0.01 min

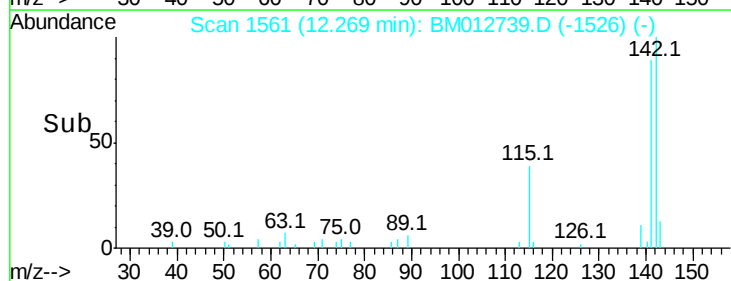
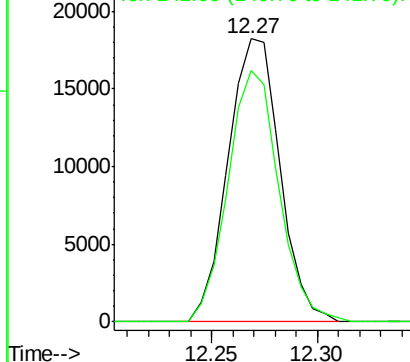
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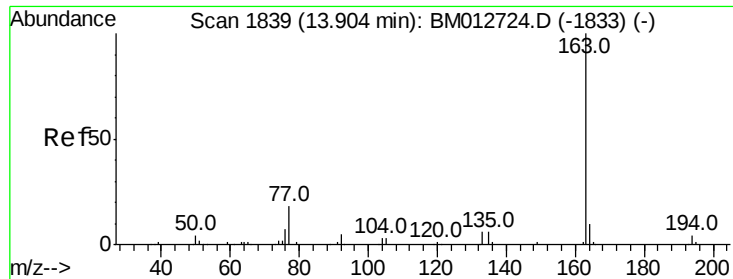
Acq: 05 Nov 2017 10:12

Tgt Ion:142	Resp:	31041
Ion Ratio	Lower	Upper
142 100		
141 88.9	71.6	107.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





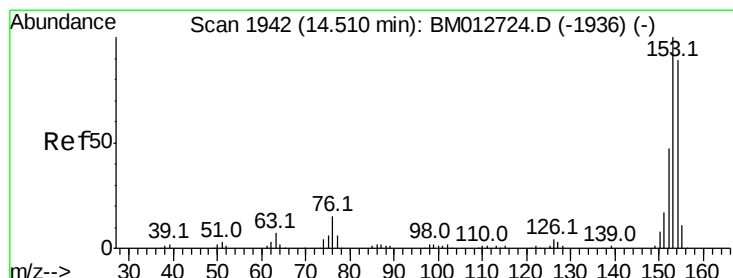
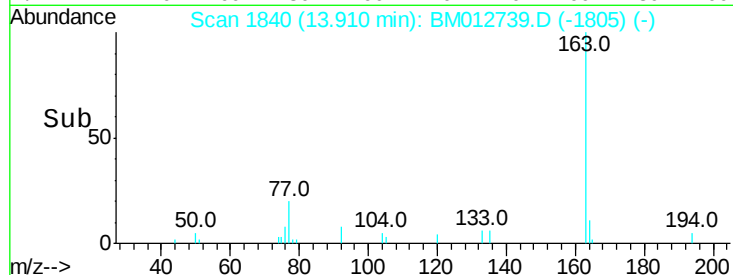
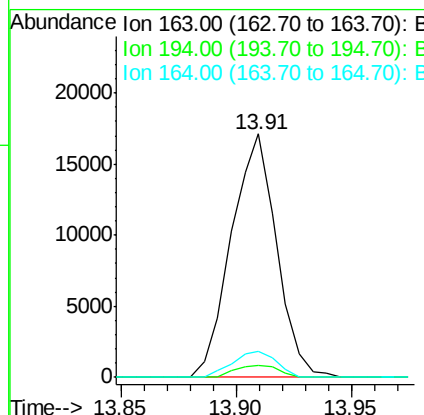
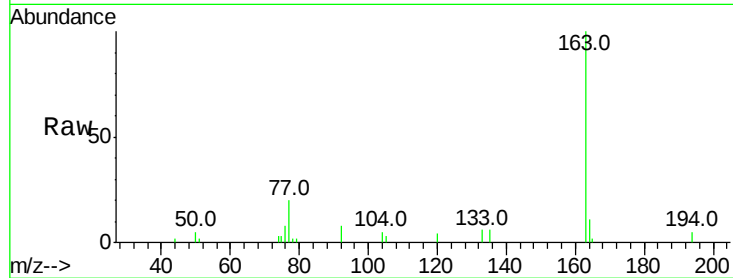
#44
Dimethylphthalate
Concen: 1.125 ng/ul
RT: 13.91 min Scan# 1840
Delta R.T. 0.01 min
Lab File: BM012739.D
Acq: 05 Nov 2017 10:12

Instrument :
BNA_M
ClientSampleId :
B-63(1-3)-101117

Tot Ion	Ratio	Lower	Upper
163	100		
194	5.1	3.2	4.8#
164	10.7	7.8	11.8

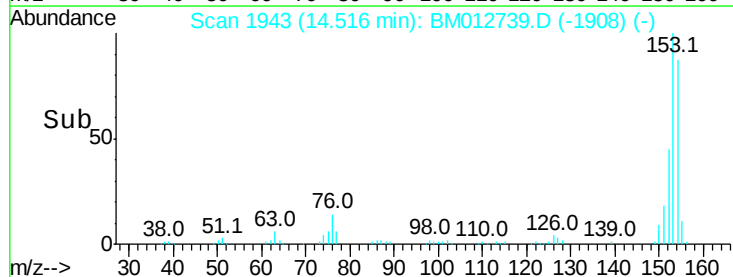
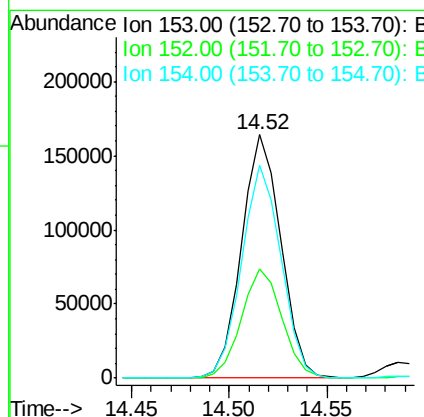
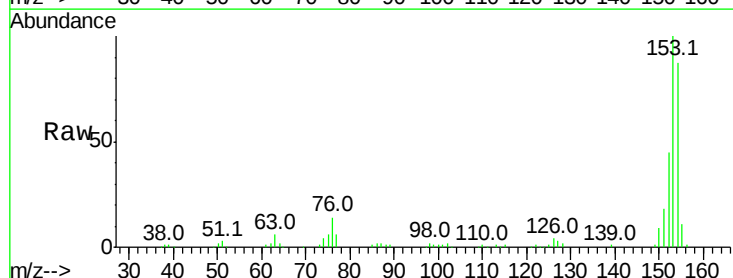
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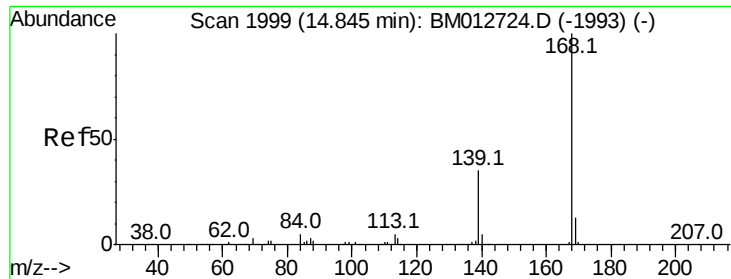
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#49
Acenaphthene
Concen: 13.448 ng/ul
RT: 14.52 min Scan# 1943
Delta R.T. 0.01 min
Lab File: BM012739.D
Acq: 05 Nov 2017 10:12

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.0	38.3	57.5
154	87.3	71.8	107.8





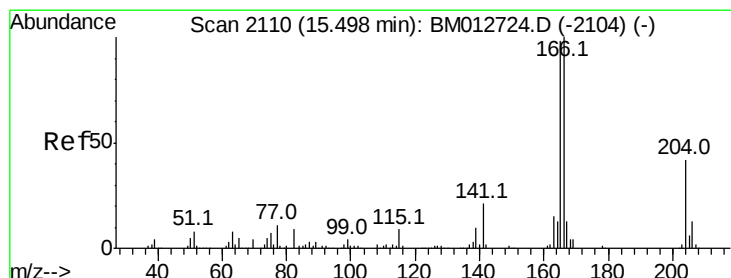
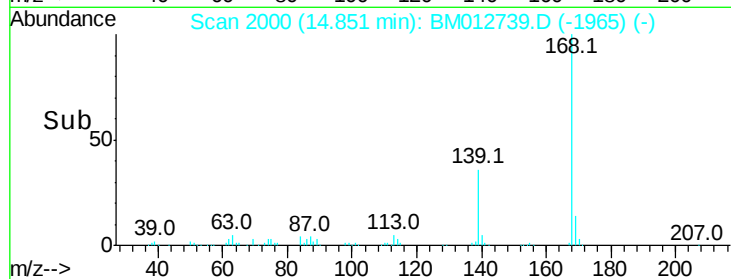
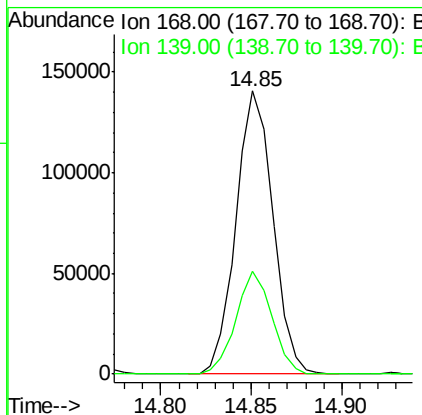
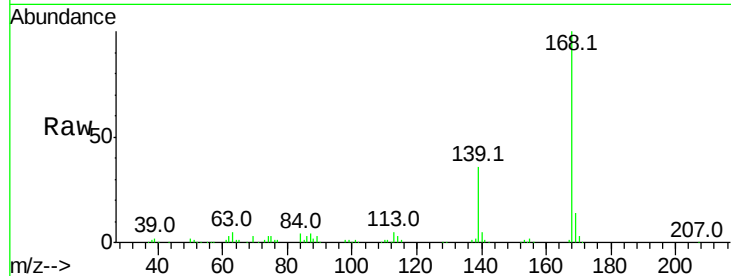
#53
Dibenzenofuran
Concen: 8.012 ng/ul
RT: 14.85 min Scan# 2000
Delta R.T. 0.01 min
Lab File: BM012739.D
Acq: 05 Nov 2017 10:12

Instrument :
BNA_M
ClientSampleId :
B-63(1-3)-101117

Tot Ion	Ratio	Lower	Upper
168	100		
139	36.5	32.2	48.2

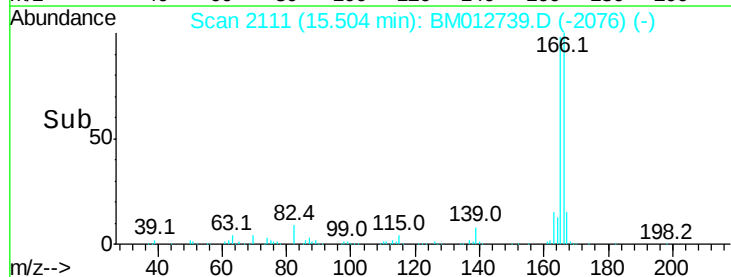
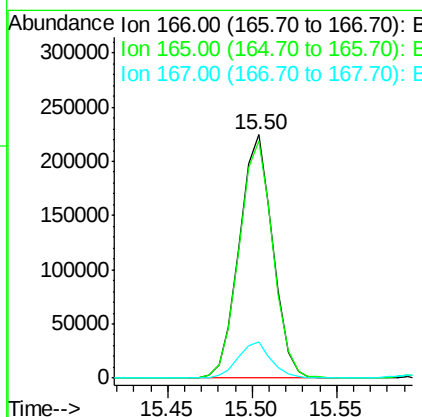
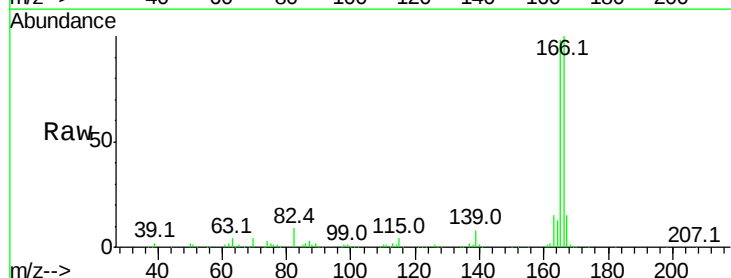
Manual Integrations
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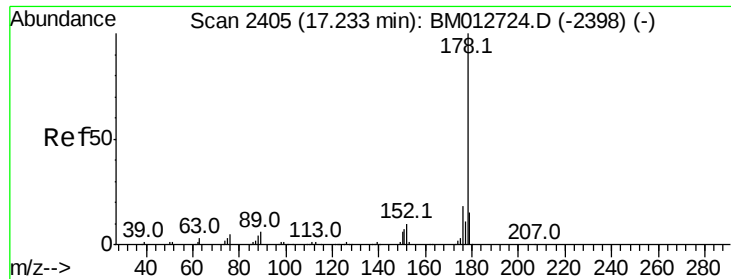
Sohil
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#58
Fluorene
Concen: 14.968 ng/ul
RT: 15.50 min Scan# 2111
Delta R.T. 0.01 min
Lab File: BM012739.D
Acq: 05 Nov 2017 10:12

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.5	117.7
167	14.6	10.7	16.1





#69

Phenanthrene

Concen: 121.850 ng/ul m

RT: 17.25 min Scan# 2408

Delta R.T. 0.02 min

Lab File: BM012739.D

Acq: 05 Nov 2017 10:12

Instrument :

BNA_M

ClientSampleId :

B-63(1-3)-101117

Tot Ion:178 Resp: 3774273

Ion Ratio Lower Upper

178 100

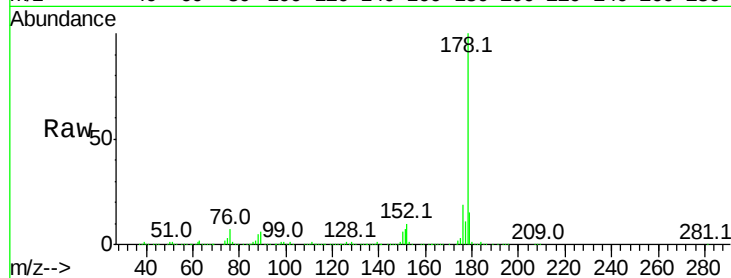
179 15.1 12.2 18.4

176 18.9 15.6 23.4

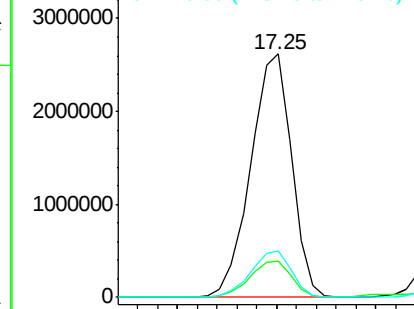
Manual Integrations
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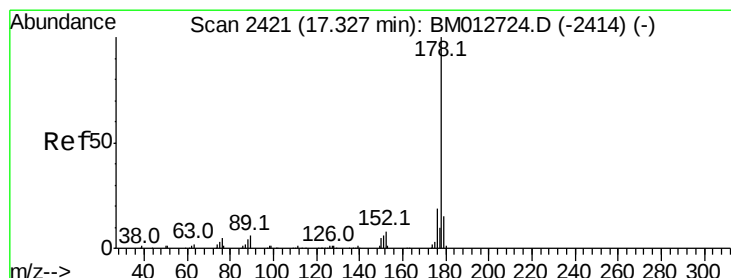
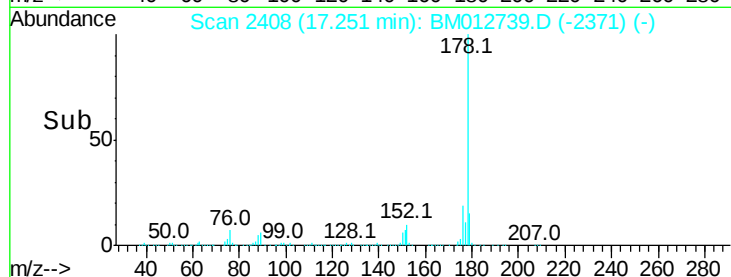
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Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 29.201 ng/ul

RT: 17.33 min Scan# 2422

Delta R.T. 0.01 min

Lab File: BM012739.D

Acq: 05 Nov 2017 10:12

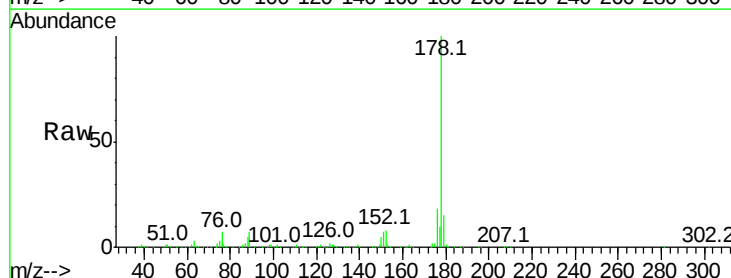
Tgt Ion:178 Resp: 937812

Ion Ratio Lower Upper

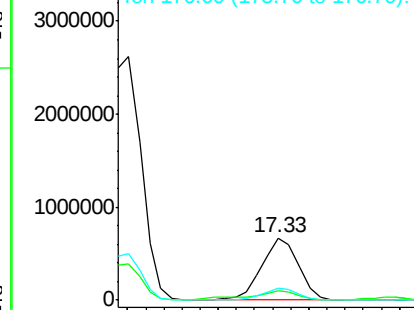
178 100

179 15.3 12.1 18.1

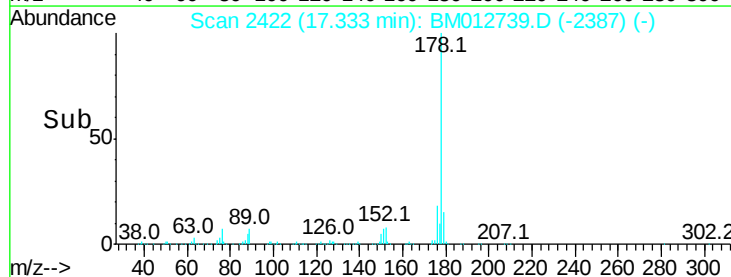
176 18.3 14.8 22.2

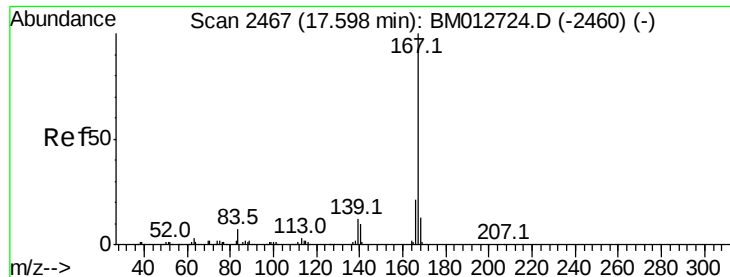


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



Time-->





#74

Carbazole

Concen: 11.737 ng/ul

RT: 17.60 min Scan# 2468

Delta R.T. 0.01 min

Lab File: BM012739.D

Acq: 05 Nov 2017 10:12

Instrument :

BNA_M

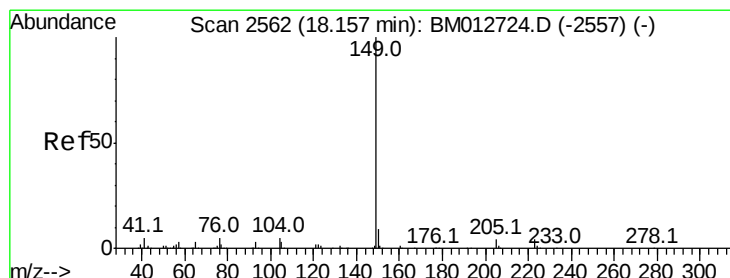
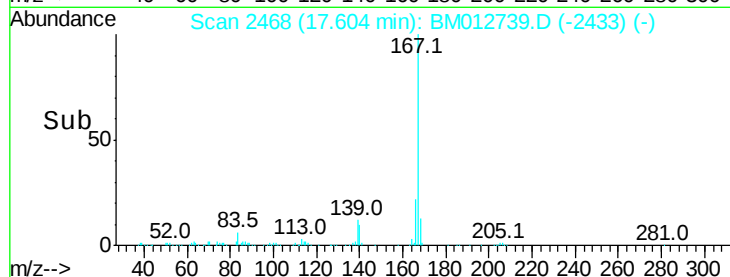
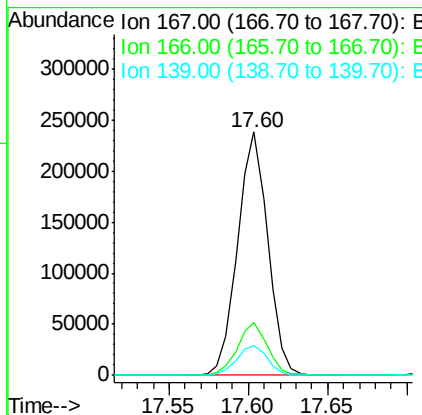
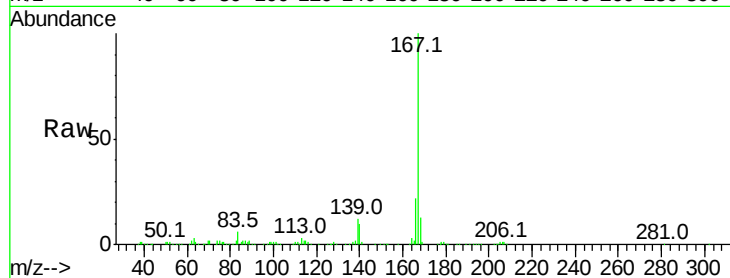
ClientSampleId :

B-63(1-3)-101117

Tot Ion:	167	Resp:	314388
Ion Ratio	Lower	Upper	
167	100		
166	21.7	17.0	25.6
139	12.2	11.0	16.4

Manual Integrations
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#75

Di-n-butylphthalate

Concen: 22.703 ng/ul

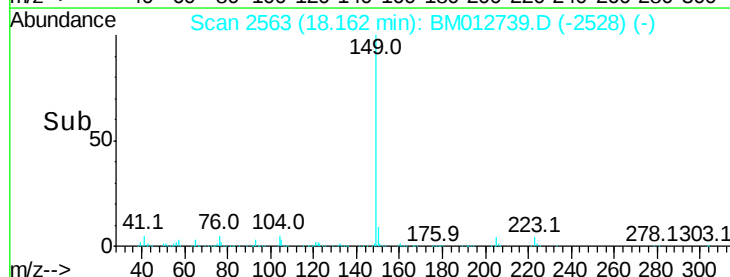
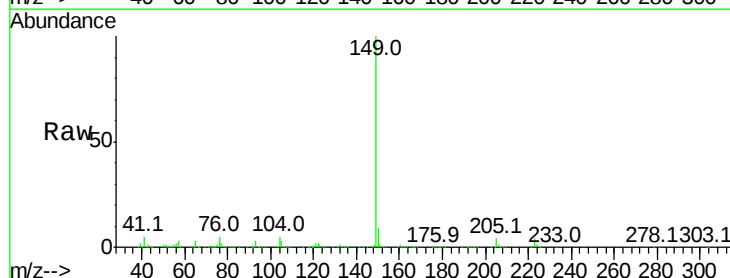
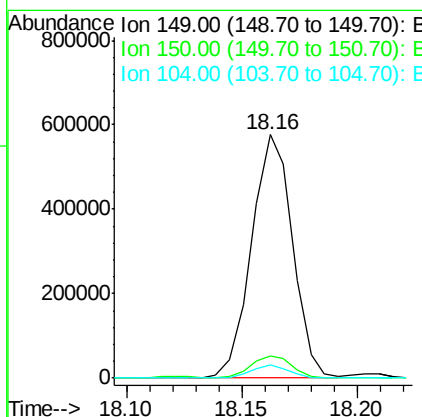
RT: 18.16 min Scan# 2563

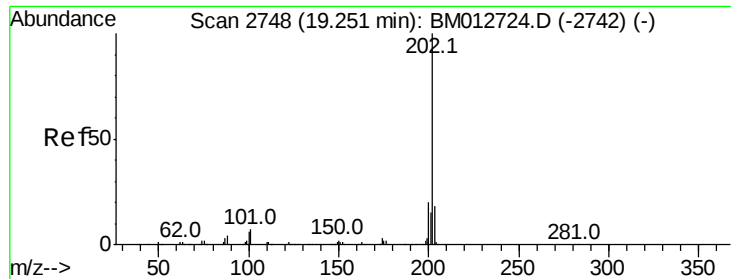
Delta R.T. 0.01 min

Lab File: BM012739.D

Acq: 05 Nov 2017 10:12

Tgt Ion:	149	Resp:	712559
Ion Ratio	Lower	Upper	
149	100		
150	9.3	7.4	11.0
104	5.2	4.0	6.0





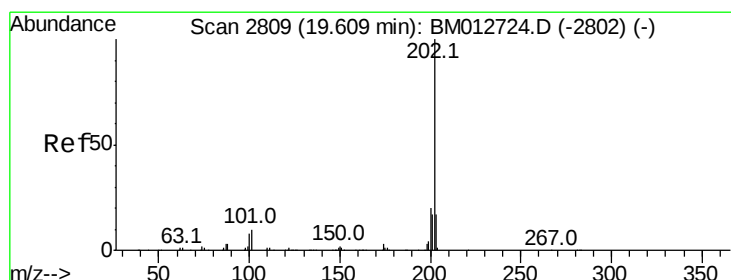
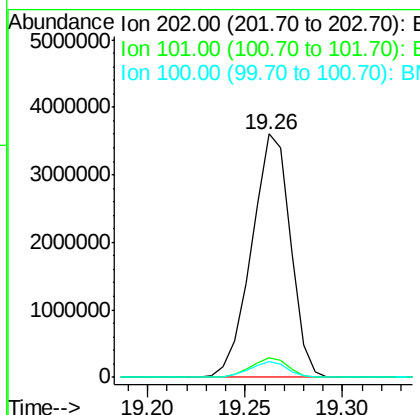
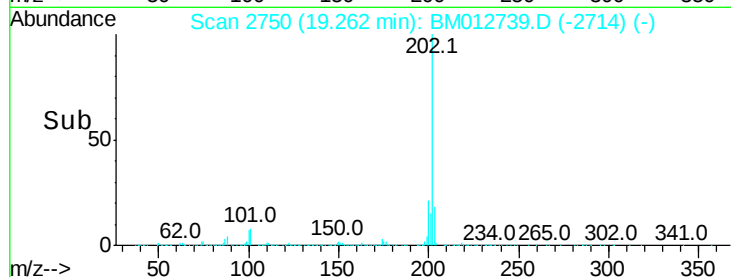
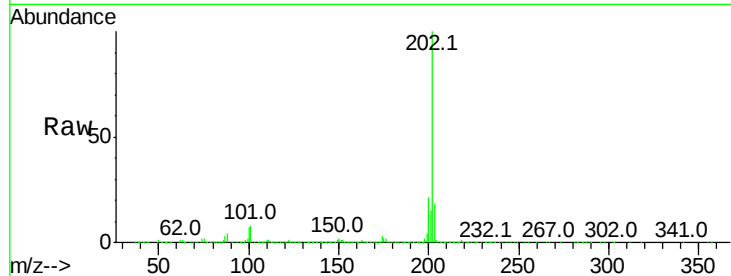
#76
 Fluoranthene
 Concen: 133.327 ng/ul
 RT: 19.26 min Scan# 2750
 Delta R.T. 0.01 min
 Lab File: BM012739.D
 Acq: 05 Nov 2017 10:12

Instrument :
 BNA_M
 ClientSampleId :
 B-63(1-3)-101117

Tot Ion	Ratio	Resp	Lower	Upper
202	100	4962655		
101	8.2		8.8	13.2#
100	6.5		6.6	9.8#

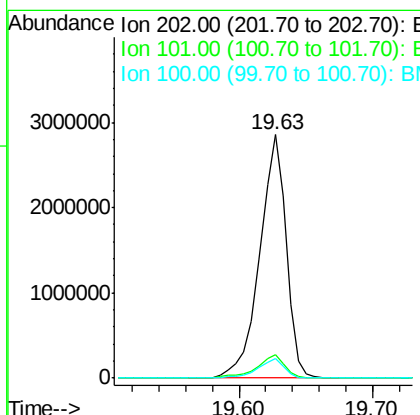
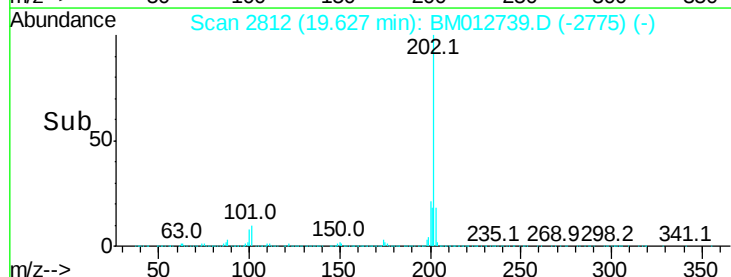
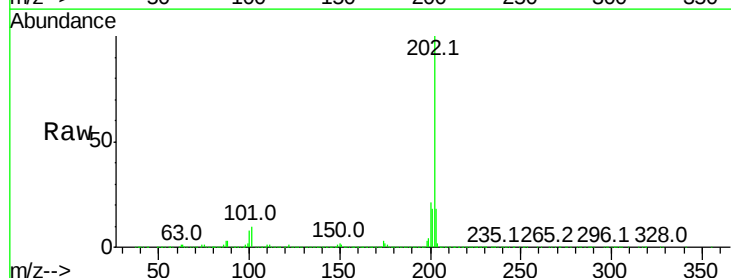
Manual Integrations
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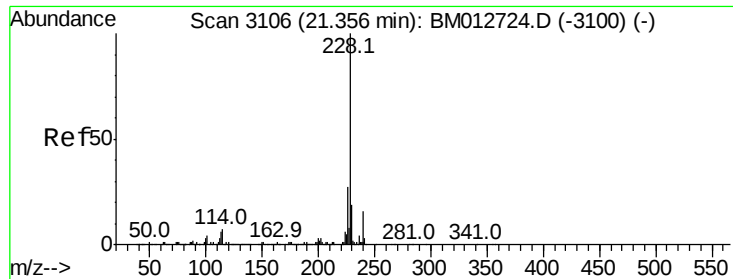
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#79
 Pyrene
 Concen: 100.153 ng/ul
 RT: 19.63 min Scan# 2812
 Delta R.T. 0.02 min
 Lab File: BM012739.D
 Acq: 05 Nov 2017 10:12

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	3902637		
101	9.5		10.2	15.2#
100	8.0		8.5	12.7#





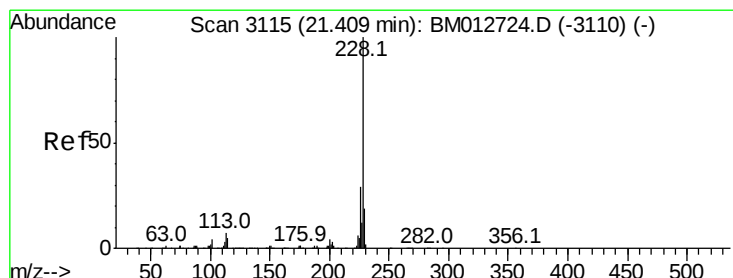
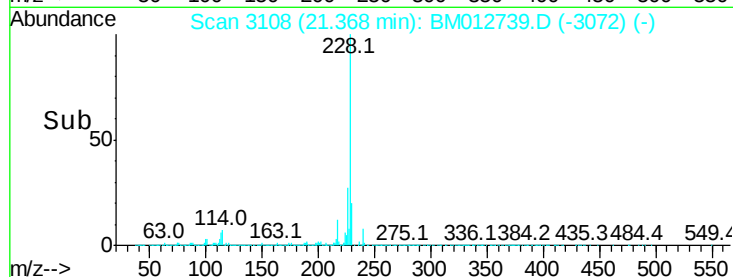
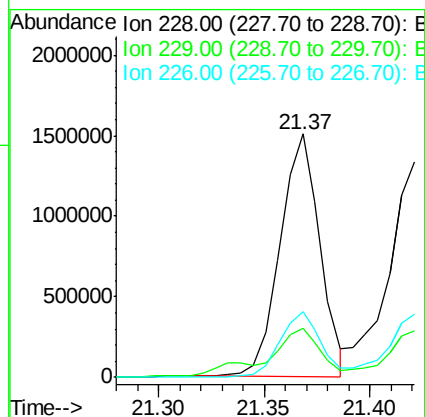
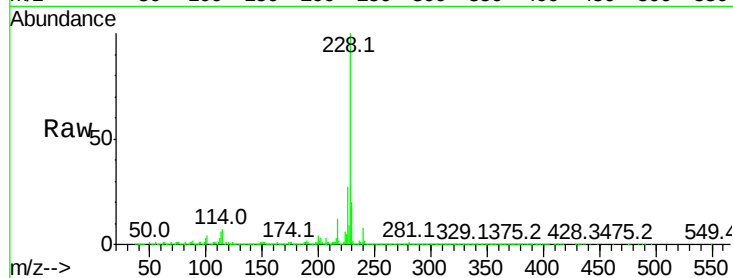
#82
Benzo(a)anthracene
Concen: 49.789 ng/ul
RT: 21.37 min Scan# 3108
Delta R.T. 0.01 min
Lab File: BM012739.D
Acq: 05 Nov 2017 10:12

Instrument :
BNA_M
ClientSampleId :
B-63(1-3)-101117

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.7	23.5
226	27.1	21.8	32.6

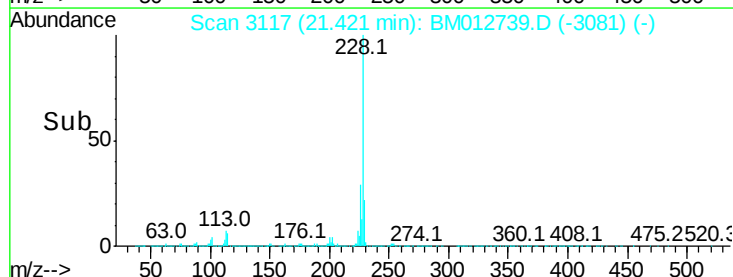
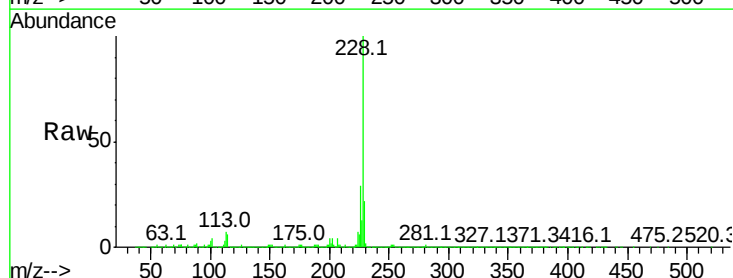
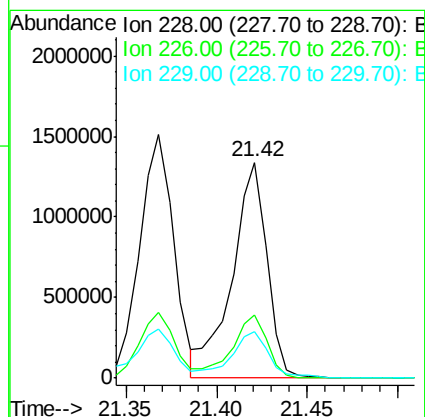
Manual Integrations
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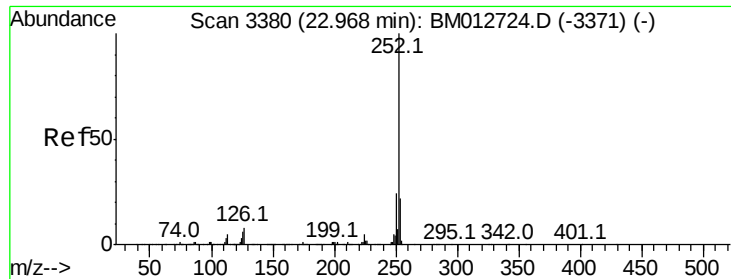
Sohil
11/6/2017 4:24:55 PM



#84
Chrysene
Concen: 49.838 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. 0.01 min
Lab File: BM012739.D
Acq: 05 Nov 2017 10:12

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	21.8	15.6	23.4





#87

Benzo(b)fluoranthene

Concen: 52.650 ng/ul

RT: 22.99 min Scan# 3384

Delta R.T. 0.02 min

Lab File: BM012739.D

Acq: 05 Nov 2017 10:12

Instrument :

BNA_M

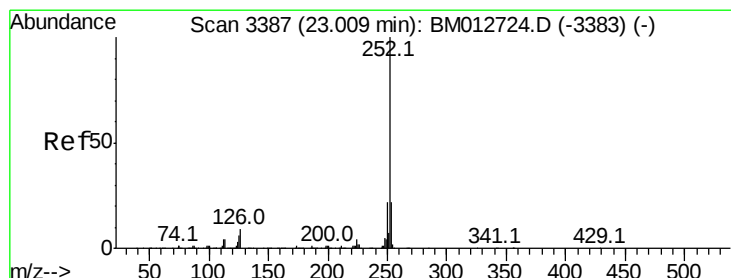
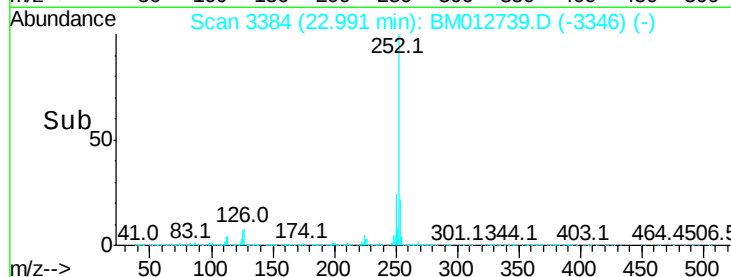
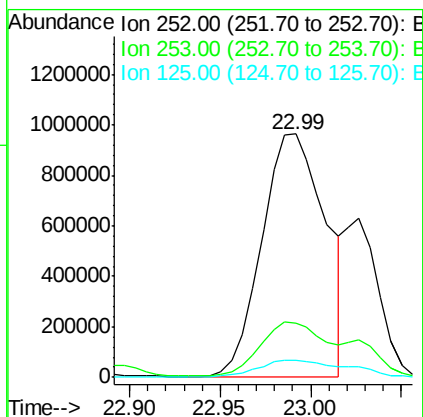
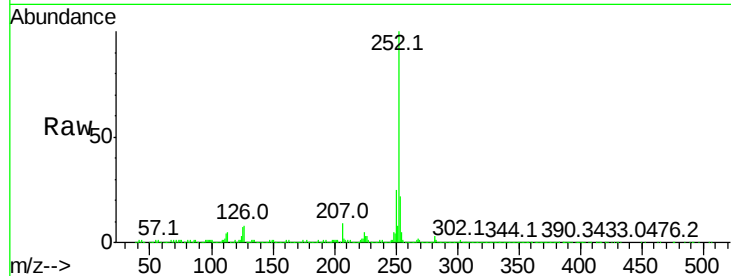
ClientSampleId :

B-63(1-3)-101117

Tot Ion:	252	Resp:	2355734
Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	7.2	8.5	12.7#

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#88

Benzo(k)fluoranthene

Concen: 18.646 ng/ul m

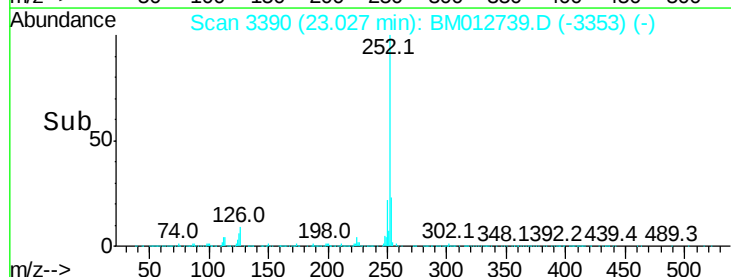
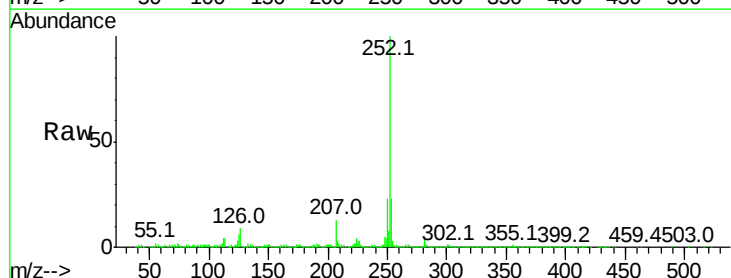
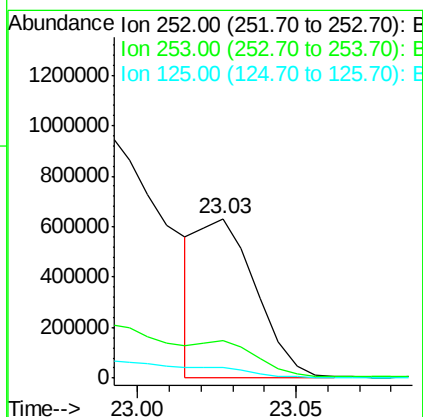
RT: 23.03 min Scan# 3390

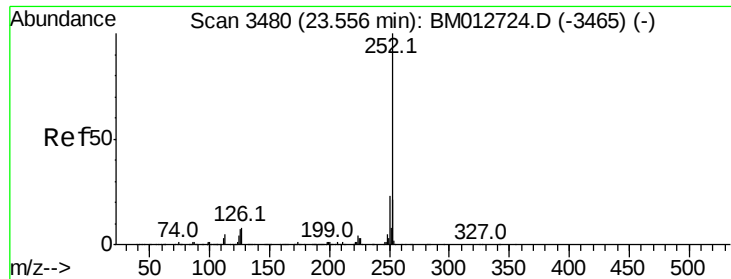
Delta R.T. 0.02 min

Lab File: BM012739.D

Acq: 05 Nov 2017 10:12

Tgt Ion:	252	Resp:	793015
Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.3	25.9
125	6.4	8.2	12.2#





#90

Benzo(a)pyrene

Concen: 40.656 ng/ul m

RT: 23.57 min Scan# 3483

Delta R.T. 0.02 min

Lab File: BM012739.D

Acq: 05 Nov 2017 10:12

Instrument :

BNA_M

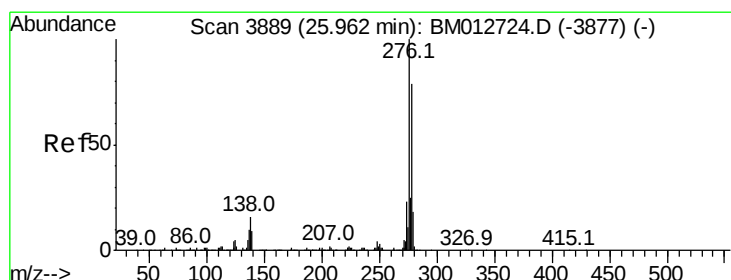
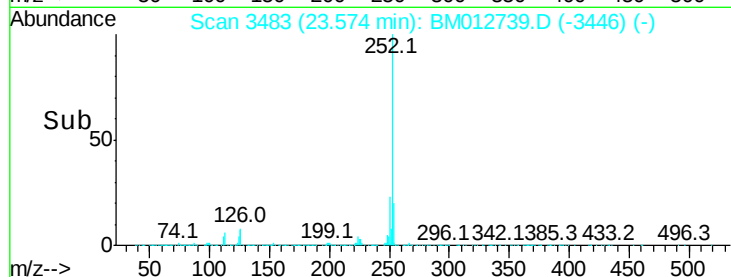
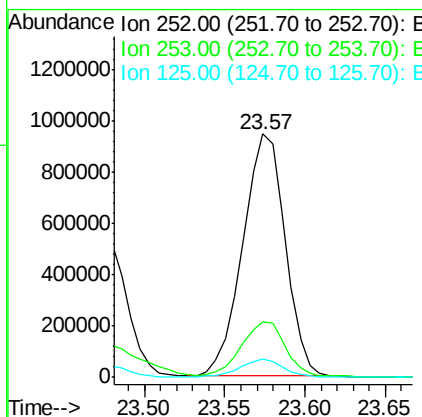
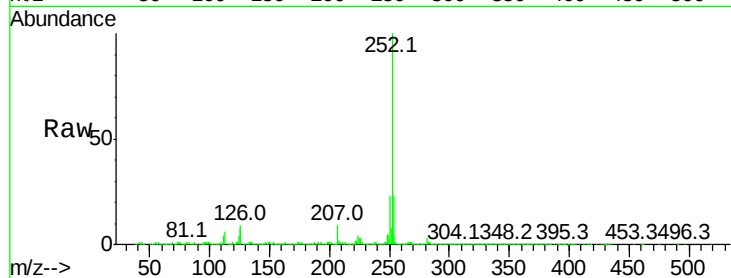
ClientSampleId :

B-63(1-3)-101117

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	7.4	9.0	13.6

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#91

Indeno(1,2,3-cd)pyrene

Concen: 22.081 ng/ul

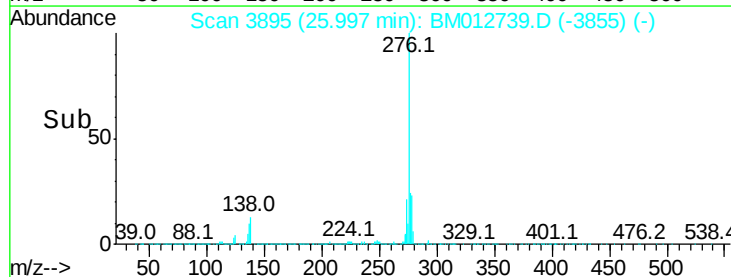
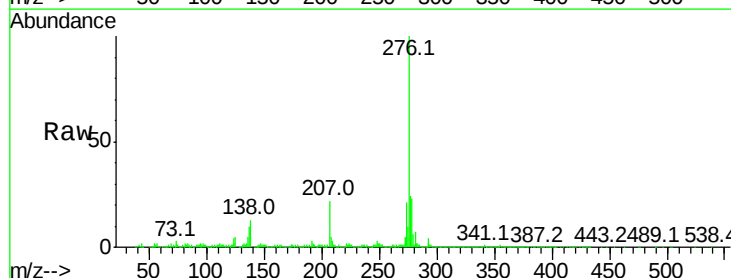
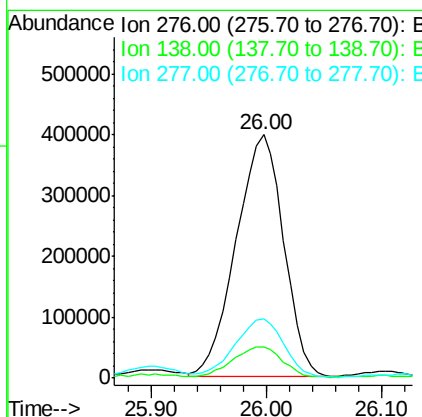
RT: 26.00 min Scan# 3895

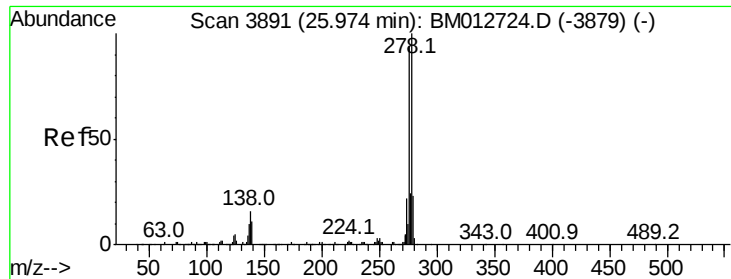
Delta R.T. 0.04 min

Lab File: BM012739.D

Acq: 05 Nov 2017 10:12

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.9	22.3	33.5
277	24.5	20.2	30.2





#92

Dibenzo(a,h)anthracene

Concen: 6.631 ng/ul

RT: 26.00 min Scan# 3895

Delta R.T. 0.02 min

Lab File: BM012739.D

Acq: 05 Nov 2017 10:12

Instrument :

BNA_M

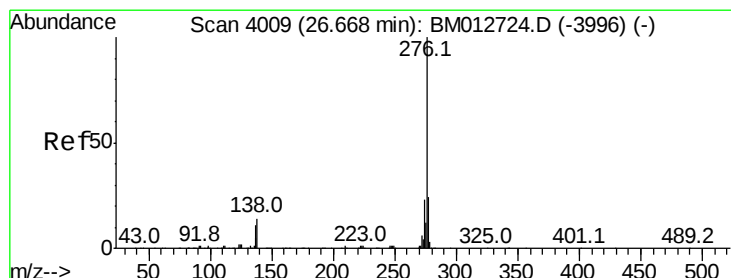
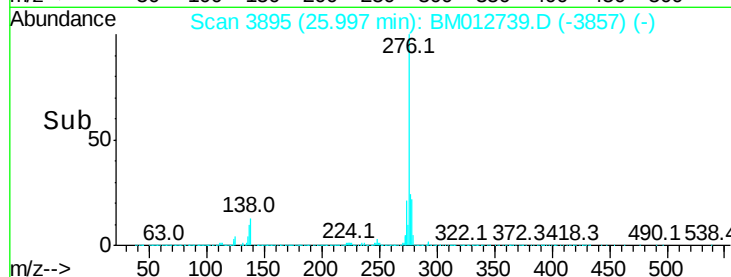
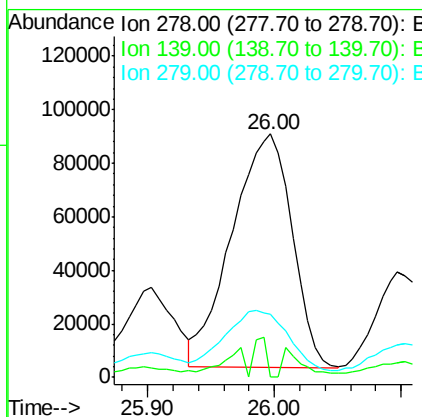
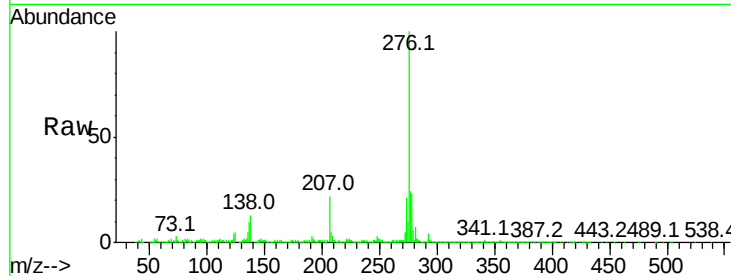
ClientSampleId :

B-63(1-3)-101117

Tot Ion:	278	Resp:	288037
Ion Ratio	Lower	Upper	
278	100		
139	0.0	13.9	20.9#
279	26.1	19.0	28.4

Manual Integrations
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11/6/2017 4:24:55 PM



#93

Benzo(g,h,i)perylene

Concen: 23.226 ng/ul

RT: 26.71 min Scan# 4016

Delta R.T. 0.04 min

Lab File: BM012739.D

Acq: 05 Nov 2017 10:12

Tgt Ion:	276	Resp:	982038
Ion Ratio	Lower	Upper	
276	100		
138	13.9	18.9	28.3#
277	24.4	19.2	28.8

