

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
 Data File : BM012150.D
 Acq On : 14 Oct 2017 00:26
 Operator : SJ/JU
 Sample : I5772-11
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE2N9

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:44:39 PM

Quant Time: Oct 15 06:08:34 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 04:34:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	193547	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	781162	20.00	ng/ul	0.06
35) Acenaphthene-d10	14.48	164	407528	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	828063	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	792174	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	823250	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	27696	6.80	ng/uL	0.00
5) Phenol-d5	7.00	99	114494	7.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.16	67	305422	32.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.36	132	362299	27.20	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	218588	16.17	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	264012m	44.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	248172	35.63	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.28	165	413464	31.09	ng/ul	0.02
29) 4-Chloroaniline-d4	10.84	131	718386m	57.72	ng/ul	0.06
43) Dimethylphthalate-d6	13.89	166	1270609	35.28	ng/ul	0.00
46) Acenaphthylene-d8	14.17	160	1583872	36.33	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	30887	5.70	ng/ul	0.00
57) Fluorene-d10	15.47	176	1048139	35.46	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.62	200	181002	31.85	ng/ul	0.00
70) Anthracene-d10	17.33	188	1530555	37.38	ng/ul	0.00
76) Pyrene-d10	19.62	212	1599928	39.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.57	264	1567395	39.49	ng/ul	0.00

Target Compounds

					Qvalue
16) 4-Methylphenol	8.61	108	50562	3.76 ng/ul	96
24) 2,4-Dimethylphenol	9.85	107	253561m	16.84 ng/ul	
28) Naphthalene	10.69	128	74304178m	1838.50 ng/ul	
34) 2-Methylnaphthalene	12.30	142	3007424	98.61 ng/ul	98
40) 1,1'-Biphenyl	13.31	154	4155687	120.83 ng/ul	99
47) Acenaphthylene	14.20	152	1460742	34.12 ng/ul#	97
49) Acenaphthene	14.56	153	11399627	395.30 ng/ul	98
53) Dibenzofuran	14.89	168	10136062	244.10 ng/ul	99
58) Fluorene	15.53	166	5731079	166.18 ng/ul	99
69) Phenanthrene	17.27	178	7776208	165.08 ng/ul	99
71) Anthracene	17.36	178	404841	8.30 ng/ul	98
72) Carbazole	17.65	167	11803563	285.99 ng/ul	97
74) Fluoranthene	19.29	202	596596	10.49 ng/ul#	93
77) Pyrene	19.64	202	307618	5.88 ng/ul#	92

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

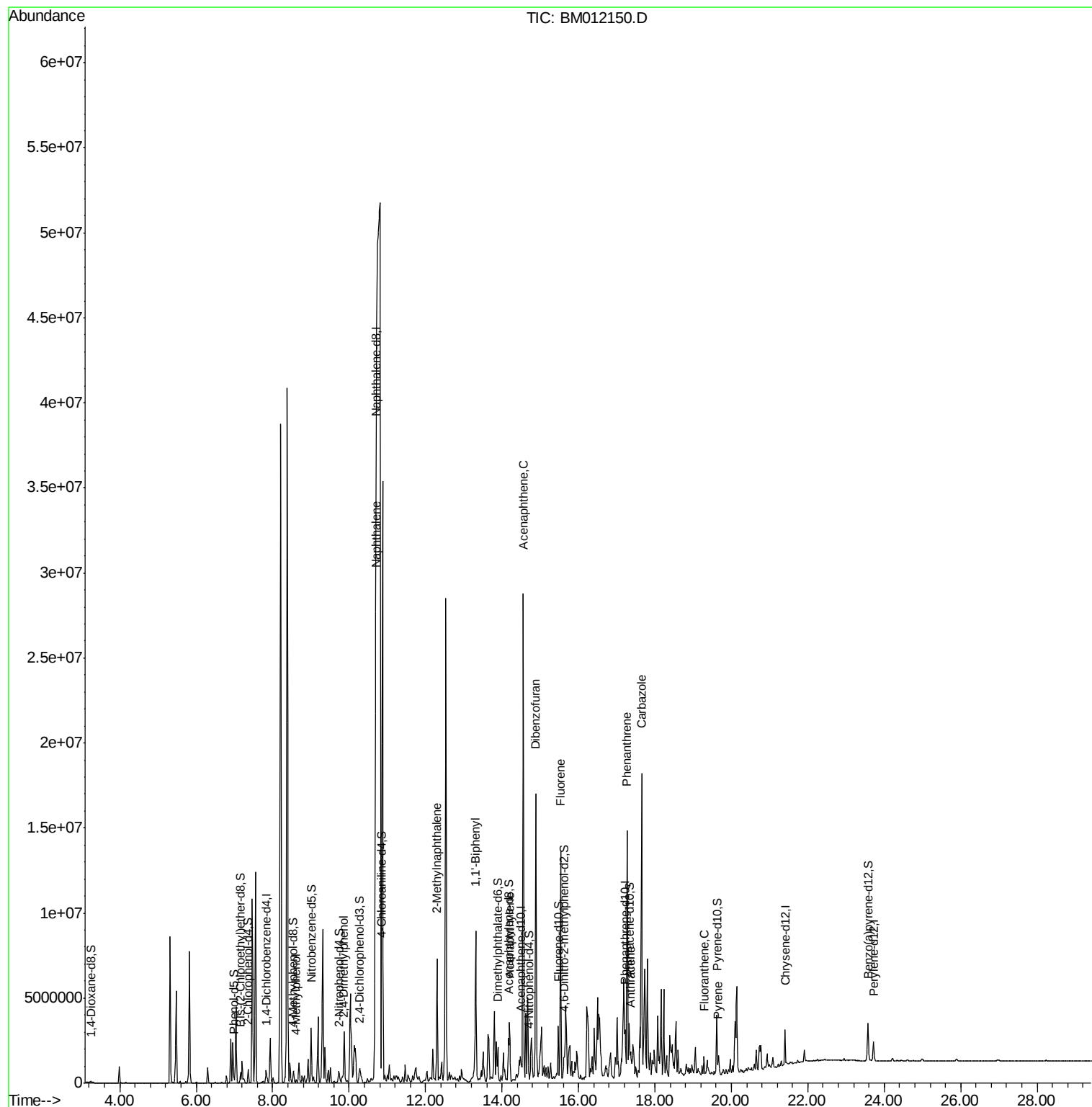
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101317\
Data File : BM012150.D
Acq On : 14 Oct 2017 00:26
Operator : SJ/JU
Sample : I5772-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

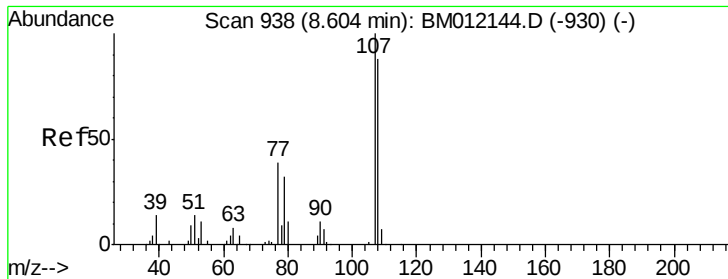
Instrument :
BNA_M
ClientSampleId :
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Manual Integrations
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Sohil
10/15/2017 12:44:39 PM

Quant Time: Oct 15 06:08:34 2017
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Quant Title : SVOA CALIBRATION
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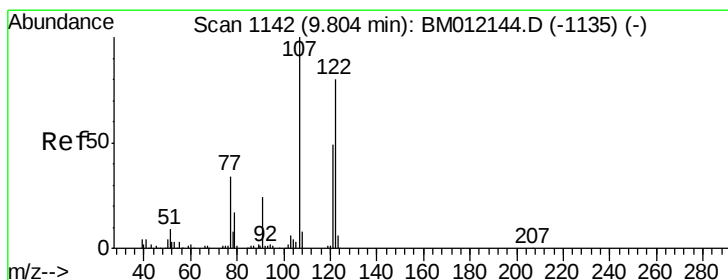
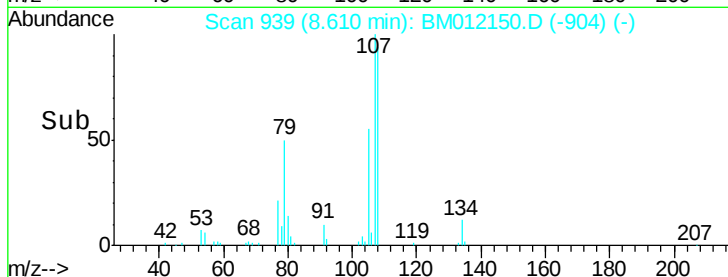
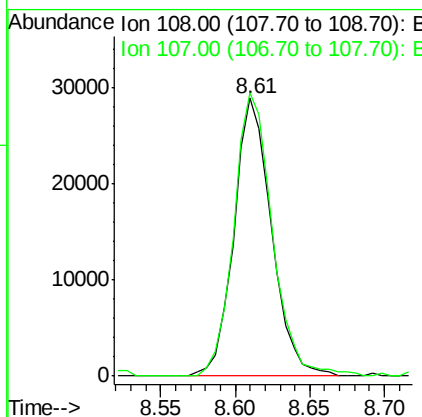
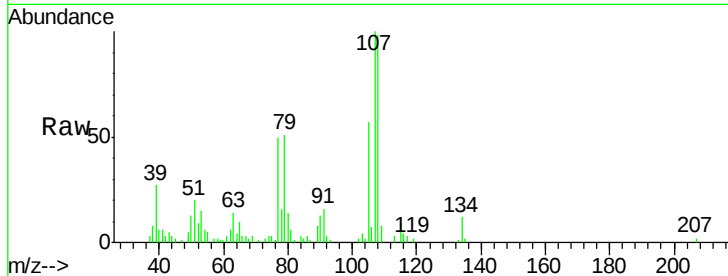
#16
4-Methylphenol
Concen: 3.76 ng/ul
RT: 8.61 min Scan# 939
Delta R.T. 0.01 min
Lab File: BM012150.D
Acq: 14 Oct 2017 00:26

Instrument :
BNA_M
ClientSampleId :
BE2N9

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	50562		
107	101.7	84.9	127.3	

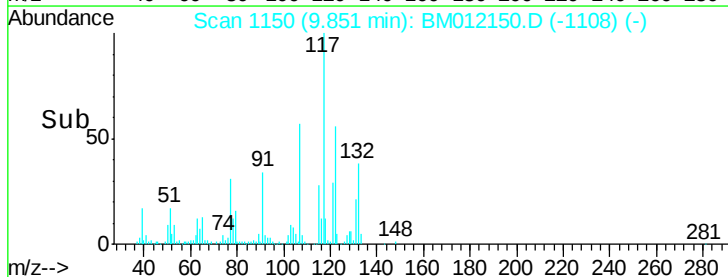
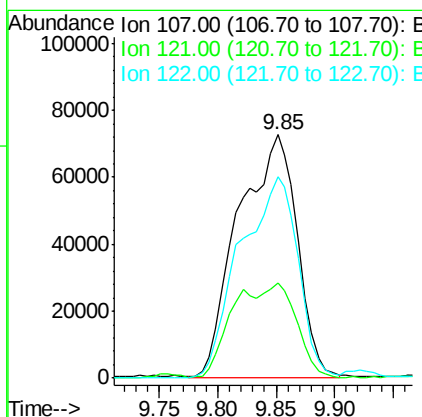
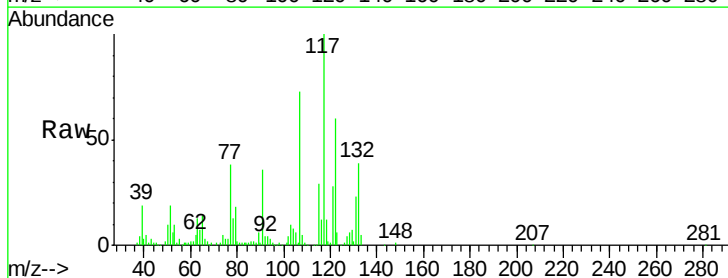
Manual Integrations
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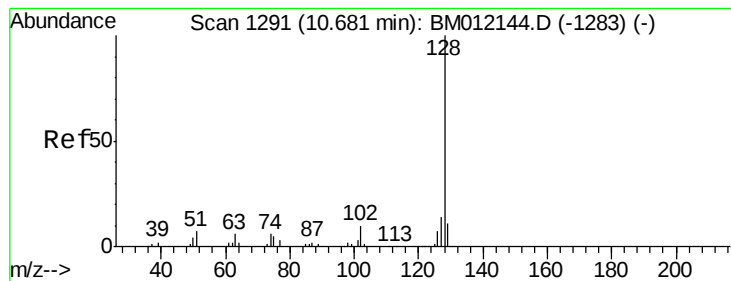
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#24
2,4-Dimethylphenol
Concen: 16.84 ng/ul m
RT: 9.85 min Scan# 1150
Delta R.T. 0.05 min
Lab File: BM012150.D
Acq: 14 Oct 2017 00:26

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	253561		
121	38.9	31.9	47.9	
122	82.8	57.8	86.6	





#28

Naphthalene

Concen: 1838.50 ng/ul m

RT: 10.69 min Scan# 1292

Delta R.T. 0.01 min

Lab File: BM012150.D

Acq: 14 Oct 2017 00:26

Instrument :

BNA_M

ClientSampleId :

BE2N9

Tgt Ion:128 Resp:74304178

Ion Ratio Lower Upper

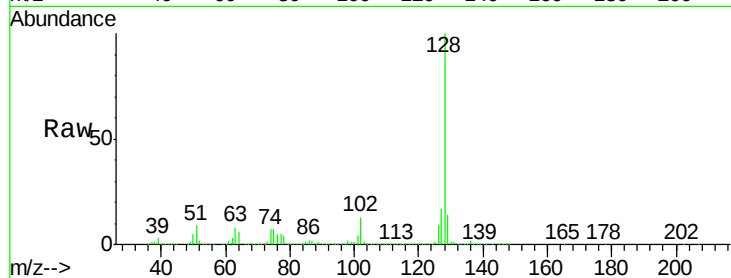
128 100

129 14.4 8.8 13.2#

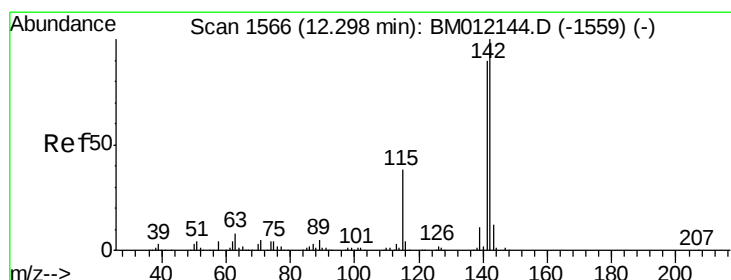
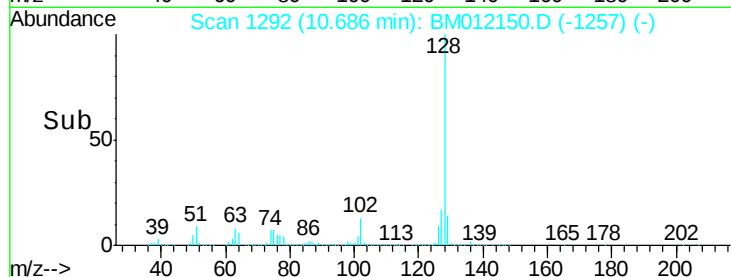
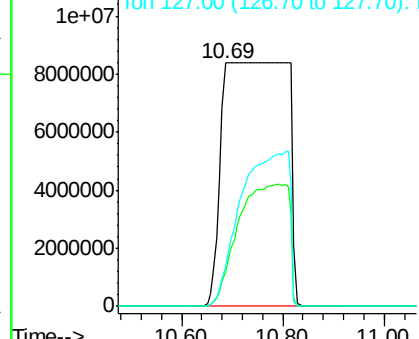
127 16.6 10.6 16.0#

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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: 98.61 ng/ul

RT: 12.30 min Scan# 1566

Delta R.T. -0.00 min

Lab File: BM012150.D

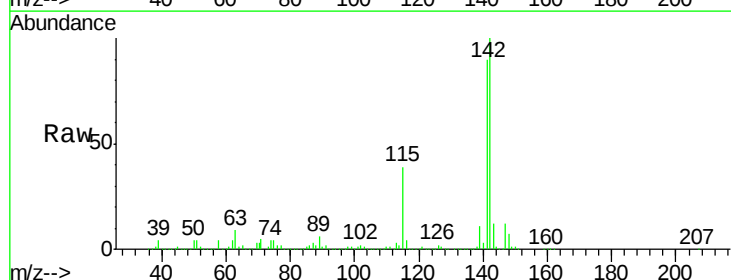
Acq: 14 Oct 2017 00:26

Tgt Ion:142 Resp: 3007424

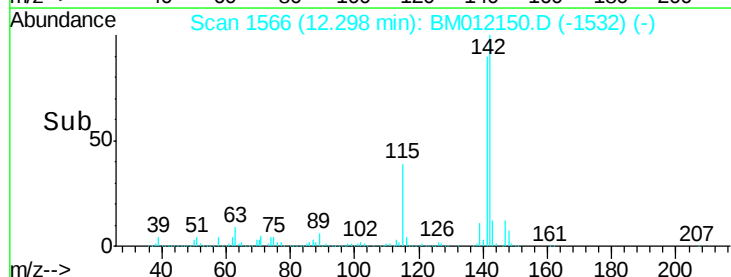
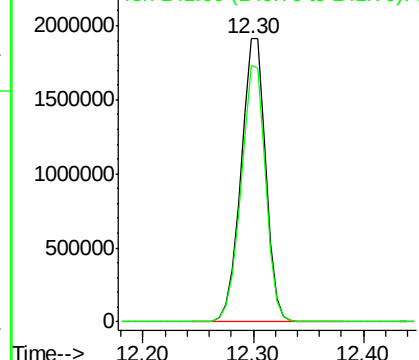
Ion Ratio Lower Upper

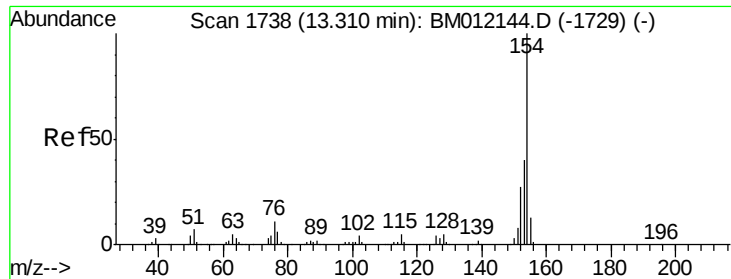
142 100

141 90.5 74.1 111.1



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





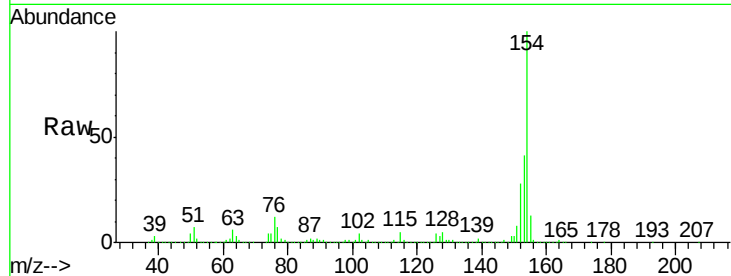
#40
 1,1'-Biphenyl
 Concen: 120.83 ng/ul
 RT: 13.31 min Scan# 1738
 Delta R.T. -0.00 min
 Lab File: BM012150.D
 Acq: 14 Oct 2017 00:26

Instrument :
 BNA_M
 ClientSampleId :
 BE2N9

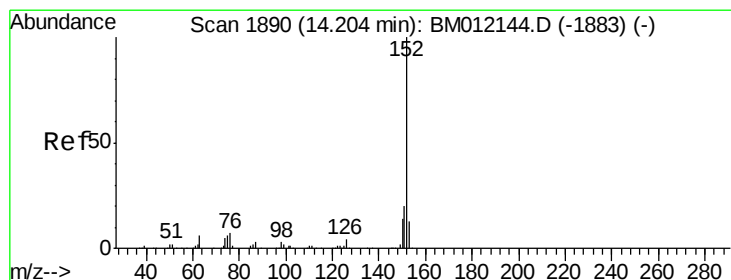
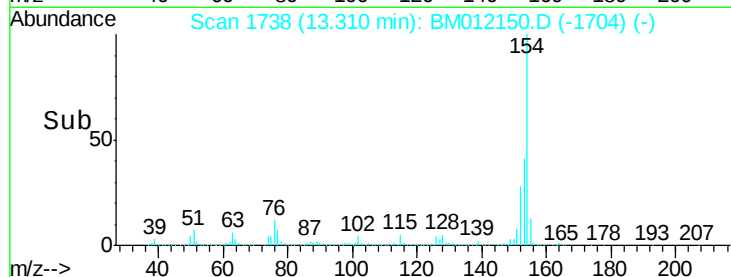
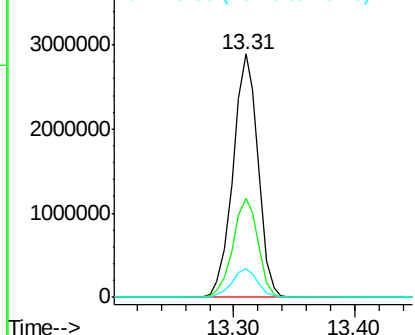
Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	32.6	48.8
76	11.7	8.5	12.7

Manual Integrations
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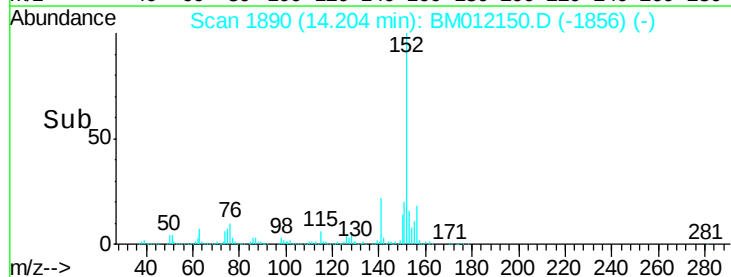
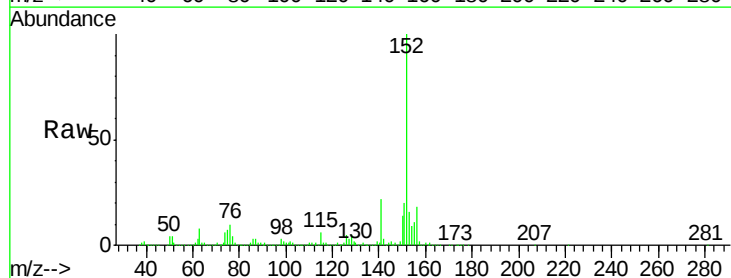
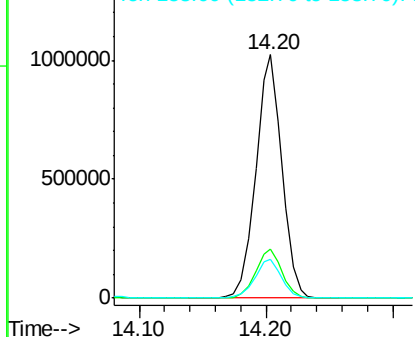
Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

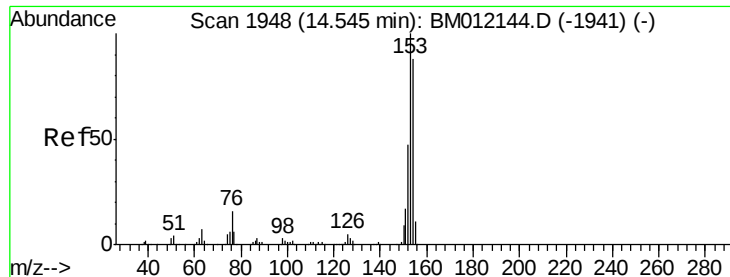


#47
 Acenaphthylene
 Concen: 34.12 ng/ul
 RT: 14.20 min Scan# 1890
 Delta R.T. -0.00 min
 Lab File: BM012150.D
 Acq: 14 Oct 2017 00:26

Tgt Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	15.9	10.2	15.4

Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 151.00 (150.70 to 151.70): E
 Ion 153.00 (152.70 to 153.70): E





#49

Acenaphthene

Concen: 395.30 ng/ul

RT: 14.56 min Scan# 1950

Delta R.T. 0.01 min

Lab File: BM012150.D

Acq: 14 Oct 2017 00:26

Instrument :

BNA_M

ClientSampled :

BE2N9

Tgt Ion:153 Resp:11399627

Ion Ratio Lower Upper

153 100

152 49.4 37.6 56.4

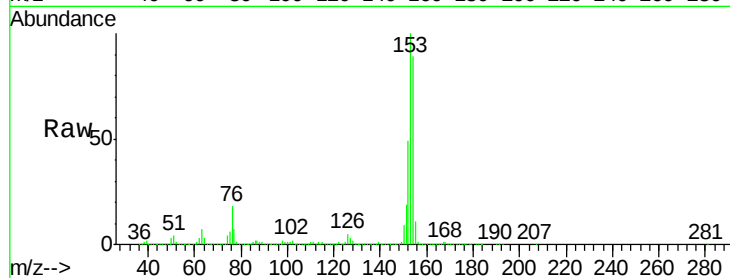
154 89.1 70.4 105.6

Manual Integrations

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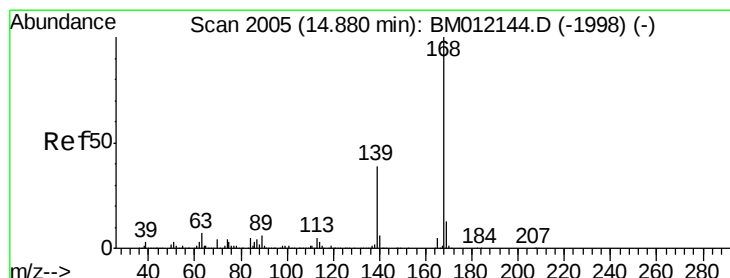
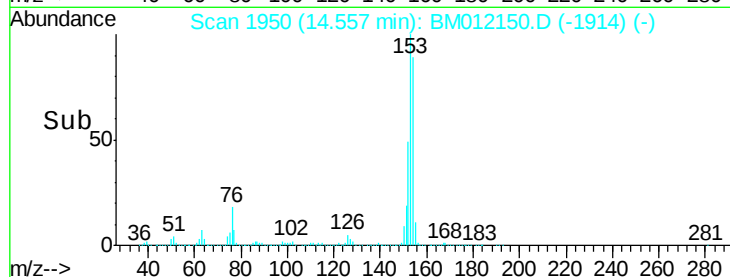
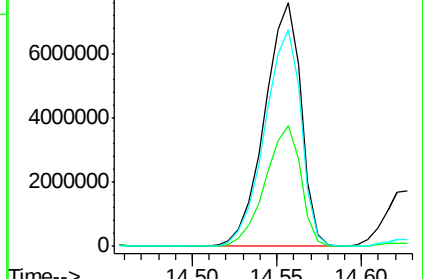
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 244.10 ng/ul

RT: 14.89 min Scan# 2006

Delta R.T. 0.01 min

Lab File: BM012150.D

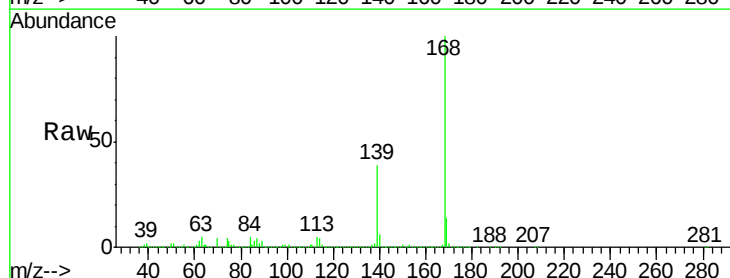
Acq: 14 Oct 2017 00:26

Tgt Ion:168 Resp:10136062

Ion Ratio Lower Upper

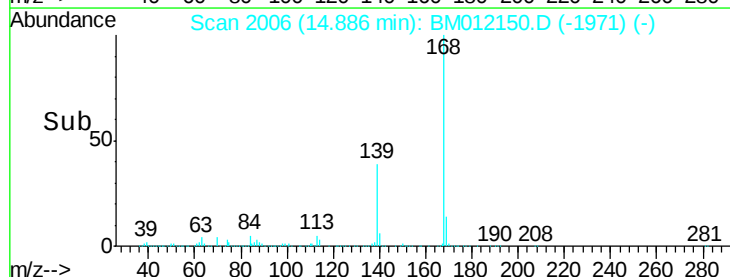
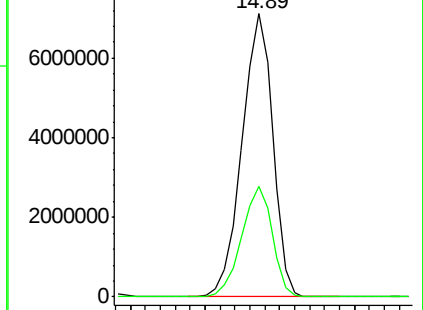
168 100

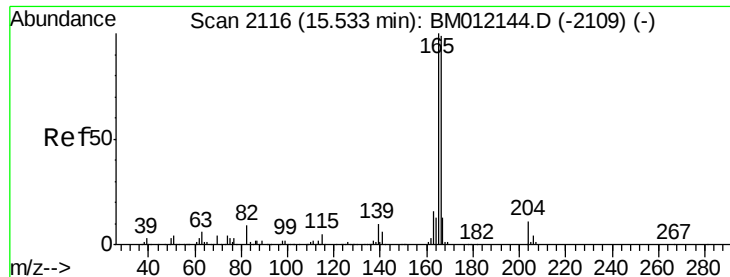
139 39.1 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 166.18 ng/ul

RT: 15.53 min Scan# 2116

Delta R.T. -0.00 min

Lab File: BM012150.D

Acq: 14 Oct 2017 00:26

Instrument :

BNA_M

ClientSampleId :

BE2N9

Tgt Ion:166 Resp: 5731079

Ion Ratio Lower Upper

166 100

165 96.7 77.9 116.9

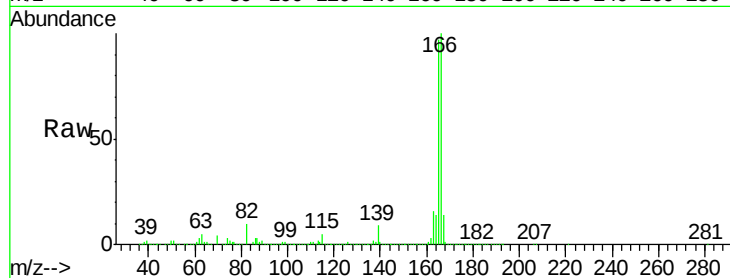
167 14.1 10.6 16.0

Manual Integrations

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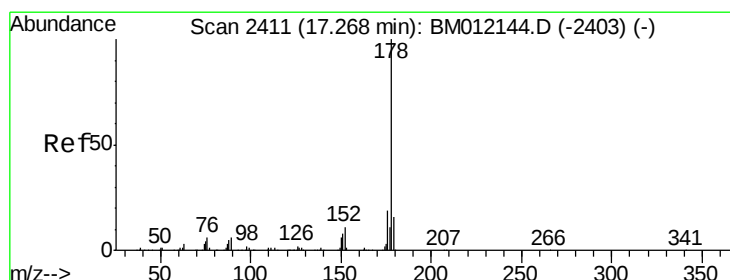
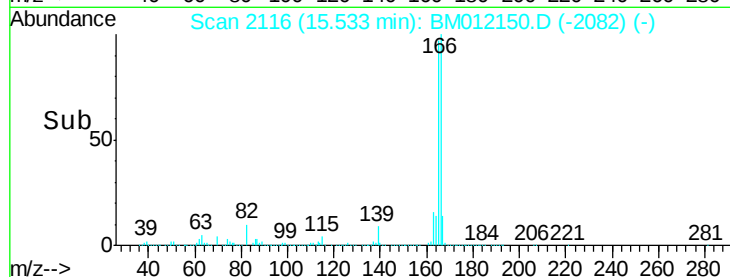
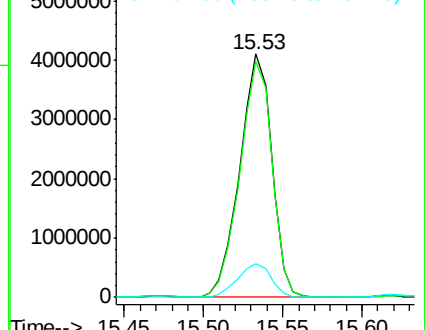
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 165.08 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. 0.01 min

Lab File: BM012150.D

Acq: 14 Oct 2017 00:26

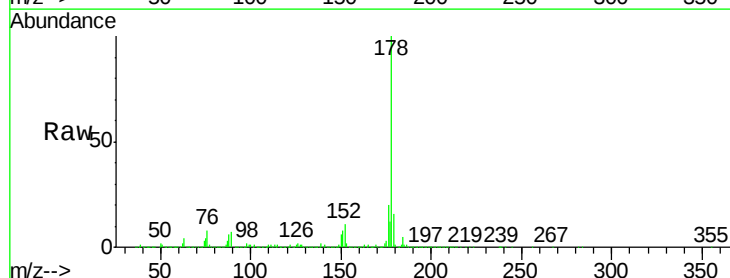
Tgt Ion:178 Resp: 7776208

Ion Ratio Lower Upper

178 100

179 15.7 12.6 19.0

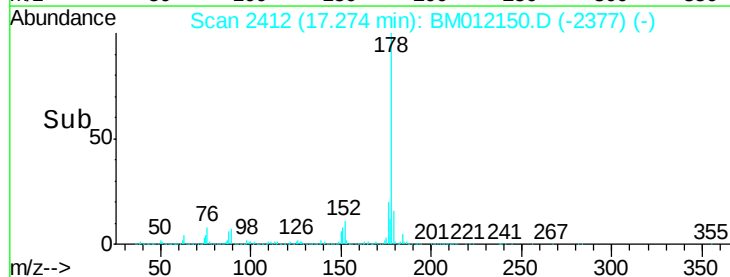
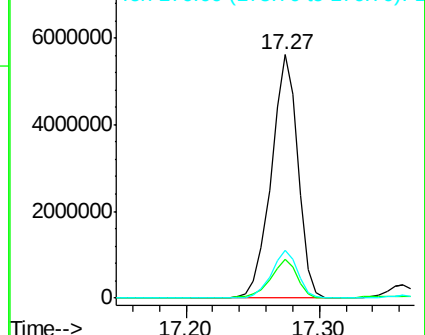
176 19.6 14.9 22.3

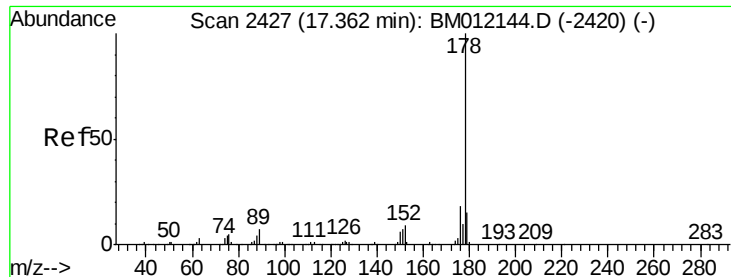


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





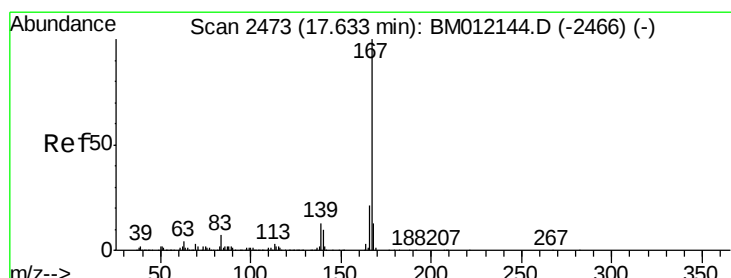
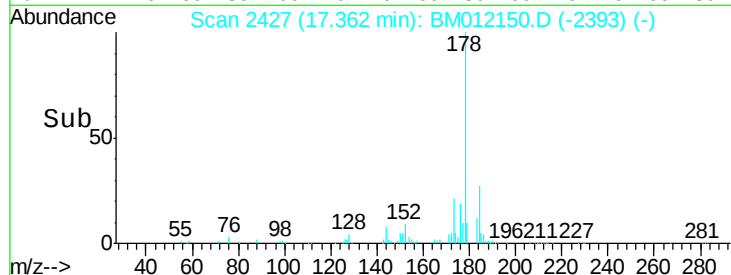
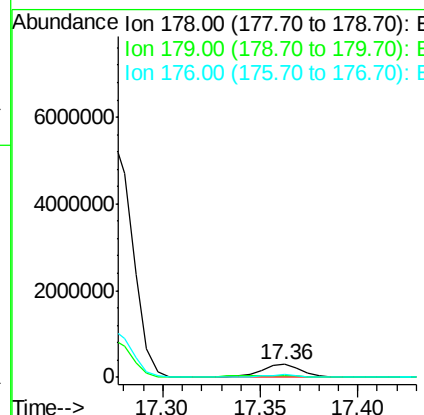
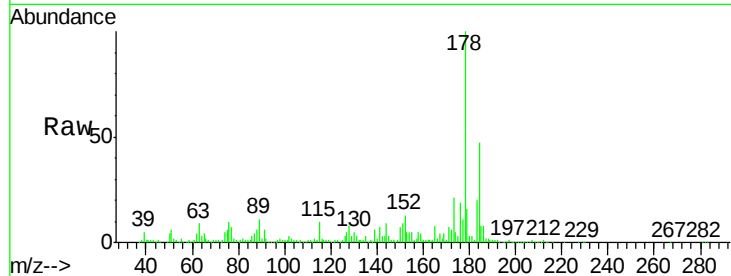
#71
 Anthracene
 Concen: 8.30 ng/ul
 RT: 17.36 min Scan# 2427
 Delta R.T. -0.00 min
 Lab File: BM012150.D
 Acq: 14 Oct 2017 00:26

Instrument :
 BNA_M
 ClientSampleId :
 BE2N9

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.7	17.5
176	18.9	14.6	21.8

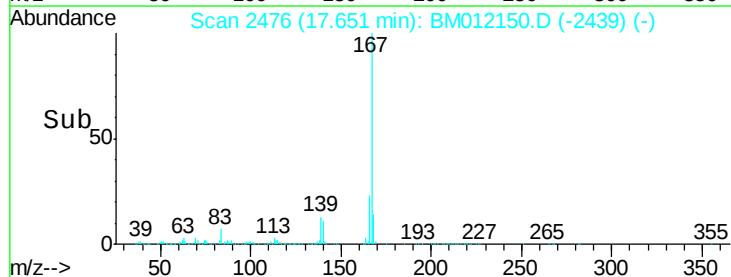
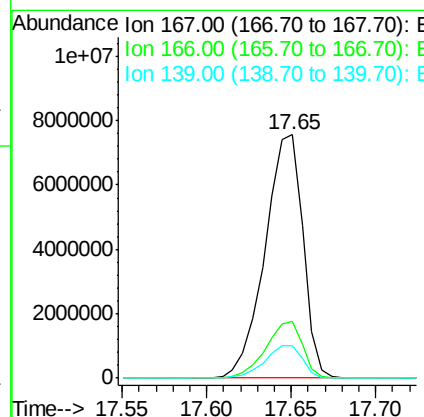
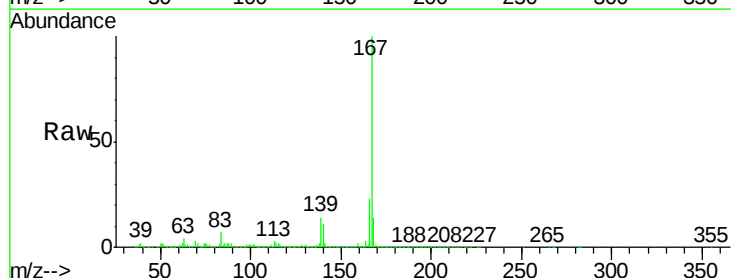
Manual Integrations
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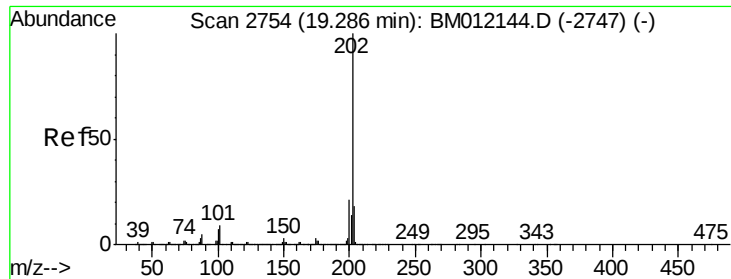
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#72
 Carbazole
 Concen: 285.99 ng/ul
 RT: 17.65 min Scan# 2476
 Delta R.T. 0.02 min
 Lab File: BM012150.D
 Acq: 14 Oct 2017 00:26

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.2	17.1	25.7
139	13.5	10.0	15.0





#74

Fluoranthene

Concen: 10.49 ng/ul

RT: 19.29 min Scan# 2754

Delta R.T. -0.00 min

Lab File: BM012150.D

Acq: 14 Oct 2017 00:26

Instrument :

BNA_M

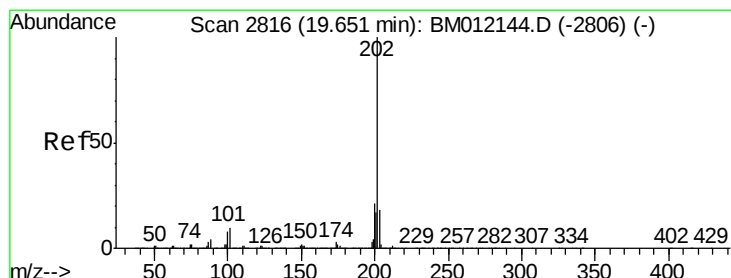
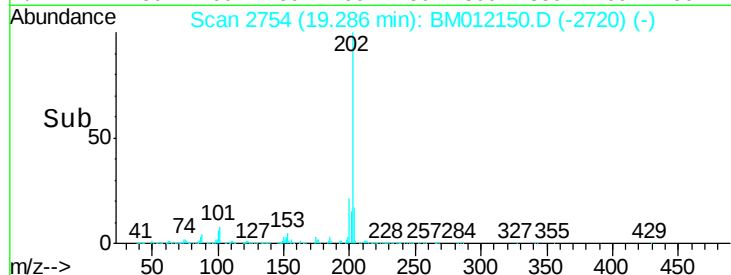
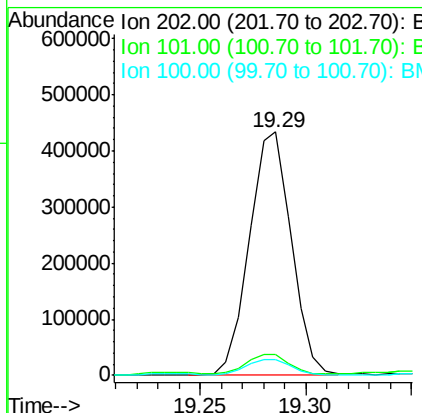
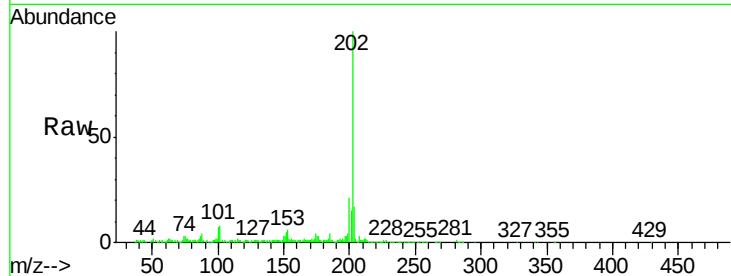
ClientSampled :

BE2N9

Tgt Ion:	202	Resp:	596596
Ion Ratio	Lower	Upper	
202	100		
101	8.4	4.6	7.0#
100	6.7	3.4	5.2#

Manual Integrations
APPROVED

Sohil
10/15/2017 12:44:39 PM



#77

Pyrene

Concen: 5.88 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BM012150.D

Acq: 14 Oct 2017 00:26

Tgt Ion:	202	Resp:	307618
Ion Ratio	Lower	Upper	
202	100		
101	10.0	5.1	7.7#
100	8.2	4.9	7.3#

