

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121317\
 Data File : BM013382.D
 Acq On : 13 Dec 2017 20:11
 Operator : SJ/JU
 Sample : I6758-13ME
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B14ME

Manual Integrations
 APPROVED

Sohil
 12/15/2017 7:34:15 PM

Quant Time: Dec 14 01:57:37 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 14 01:15:39 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	117179	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	528538	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	335678	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	828850	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1160279	20.00	ng/ul	0.00
83) Perylene-d12	23.49	264	1167361	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	7810	3.30	ng/uL	0.00
5) Phenol-d5	6.86	99	183382	18.09	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	115672	20.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	153024	19.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	161752	18.68	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	88478	21.11	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	90540	20.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	164438	17.79	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	226464	26.65	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	590335	19.76	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	732573	19.87	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	79626	15.34	ng/ul	0.00
57) Fluorene-d10	15.32	176	526582	20.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	67640	12.97	ng/ul	0.00
70) Anthracene-d10	17.17	188	870411	20.97	ng/ul	0.00
76) Pyrene-d10	19.47	212	1076643	18.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.35	264	1152733	19.39	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.52	128	13653999	502.121	ng/ul	100
34) 2-Methylnaphthalene	12.13	142	2841118	138.988	ng/ul	96
40) 1,1'-Biphenyl	13.15	154	750606	26.458	ng/ul	98
44) Dimethylphthalate	13.79	163	72822	2.549	ng/ul	99
47) Acenaphthylene	14.04	152	368568	10.804	ng/ul#	95
49) Acenaphthene	14.39	153	2621336	112.805	ng/ul	99
53) Dibenzofuran	14.73	168	3015068	87.889	ng/ul	100
56) Diethylphthalate	15.16	149	84924	2.964	ng/ul	97
58) Fluorene	15.38	166	3266081	115.085	ng/ul	100
69) Phenanthrene	17.13	178	14481499m	307.538	ng/ul	
71) Anthracene	17.21	178	2166236	45.006	ng/ul	98
72) Carbazole	17.48	167	910259	21.987	ng/ul	99
74) Fluoranthene	19.14	202	8494629	147.206	ng/ul#	92
77) Pyrene	19.50	202	5391063	76.480	ng/ul#	92
80) Benzo(a)anthracene	21.25	228	1899128	25.797	ng/ul	98
82) Chrysene	21.30	228	1504029	22.022	ng/ul	98
85) Benzo(b)fluoranthene	22.83	252	1364906	17.345	ng/ul#	98
86) Benzo(k)fluoranthene	22.86	252	371726m	5.020	ng/ul	
88) Benzo(a)pyrene	23.39	252	795984	11.260	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	25.72	276	362865	5.173	ng/ul#	97
90) Dibenzo(a,h)anthracene	25.72	278	110500	1.850	ng/ul#	91
91) Benzo(a,h,i)perylene	26.40	276	254805	4.606	ng/ul#	94

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Manual Integrations
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 14 01:15:39 2017
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

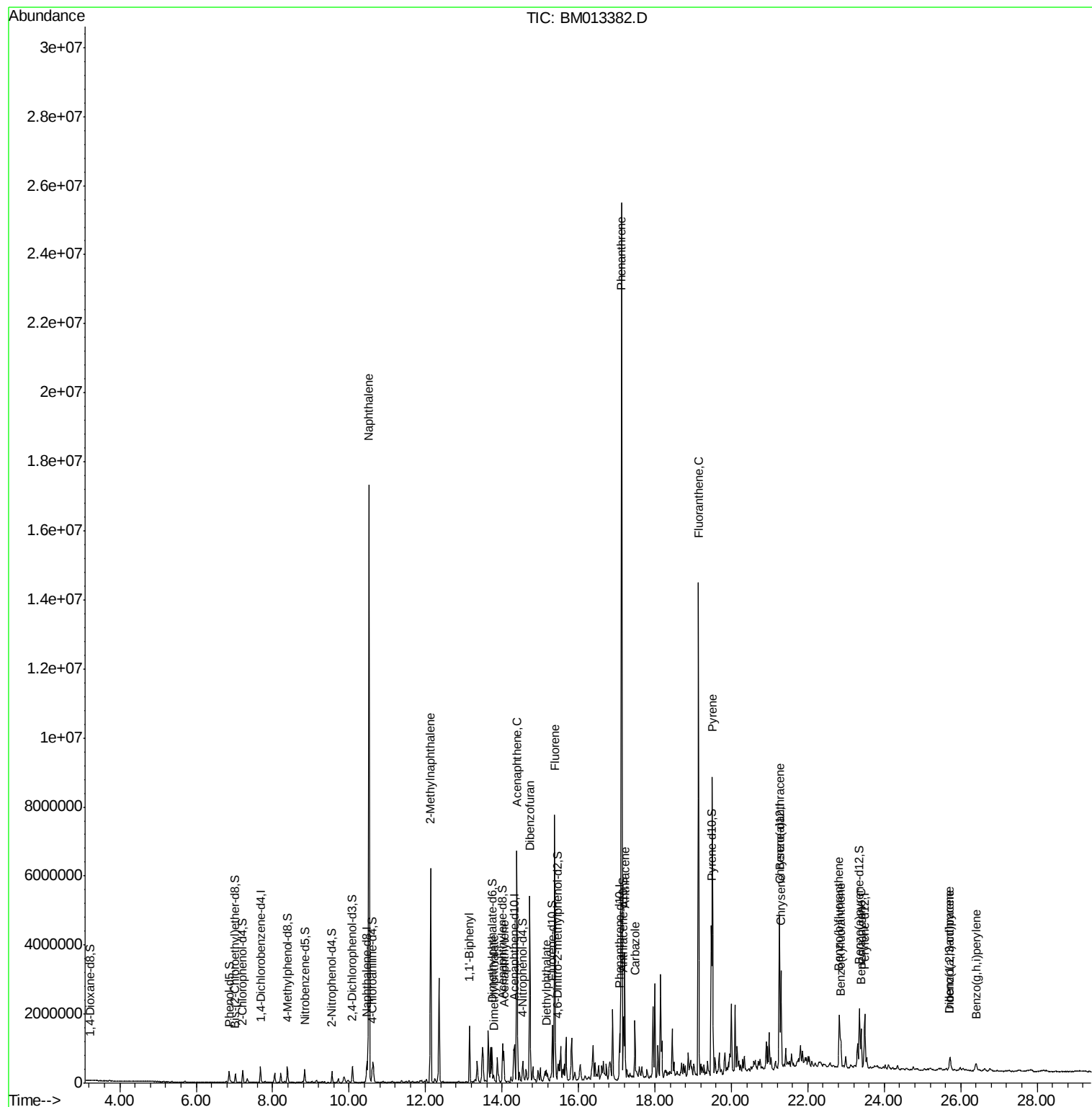
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM121317\
 Data File : BM013382.D
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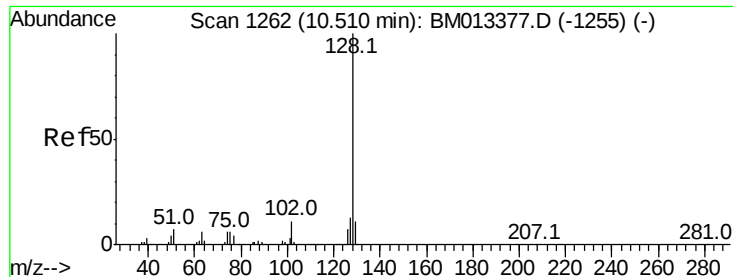
Instrument :
 BNA_M
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 F9B14ME

Manual Integrations
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Sohil
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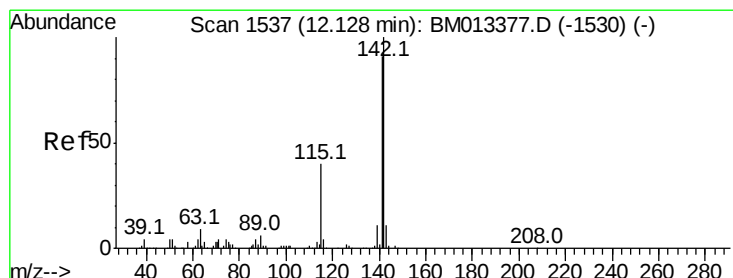
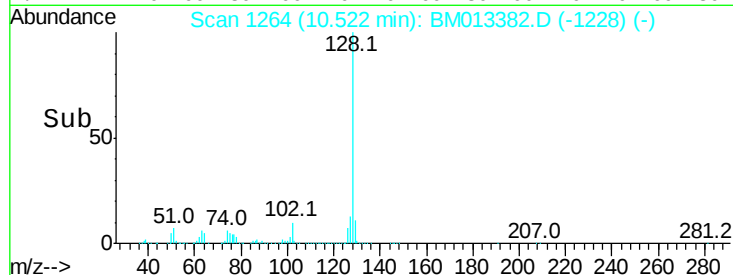
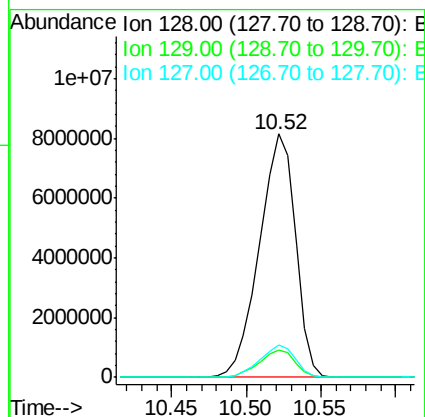
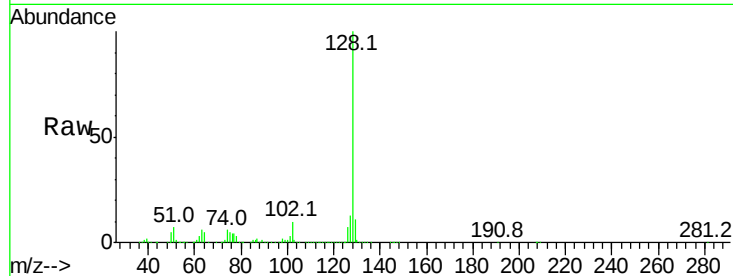
#28
Naphthalene
Concen: 502.121 ng/ul
RT: 10.52 min Scan# 1264
Delta R.T. 0.01 min
Lab File: BM013382.D
Acq: 13 Dec 2017 20:11

Instrument :
BNA_M
ClientSampleId :
F9B14ME

Tot Ion:128 Resp:13653999
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.5 10.6 16.0

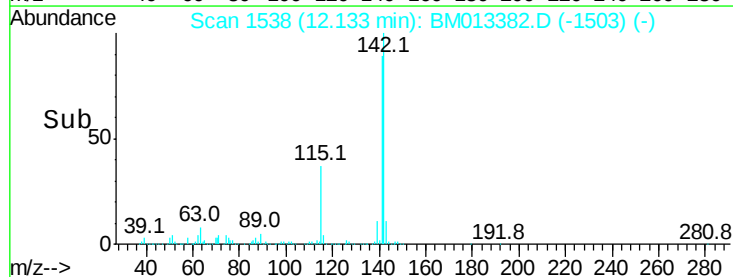
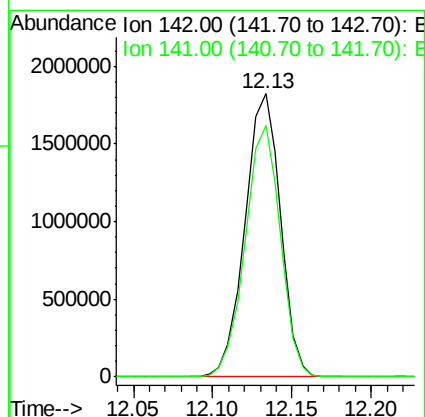
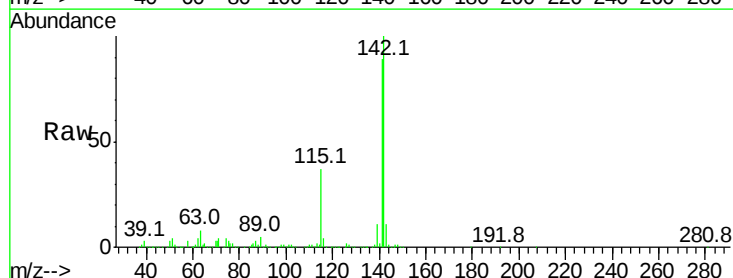
Manual Integrations
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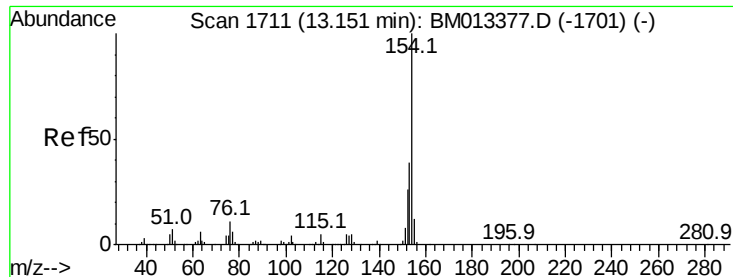
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#34
2-Methylnaphthalene
Concen: 138.988 ng/ul
RT: 12.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BM013382.D
Acq: 13 Dec 2017 20:11

Tgt Ion:142 Resp: 2841118
Ion Ratio Lower Upper
142 100
141 88.9 74.1 111.1





#40

1,1'-Biphenyl

Concen: 26.458 ng/ul

RT: 13.15 min Scan# 1711

Delta R.T. -0.00 min

Lab File: BM013382.D

Acq: 13 Dec 2017 20:11

Instrument :

BNA_M

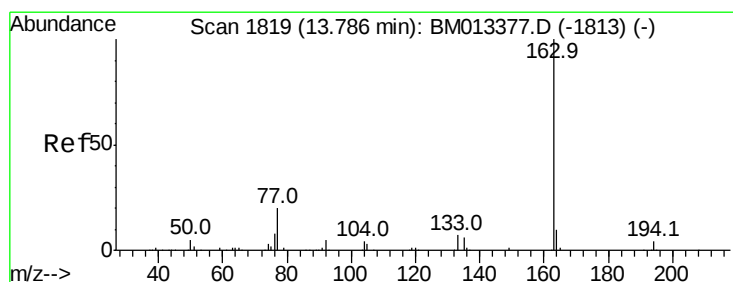
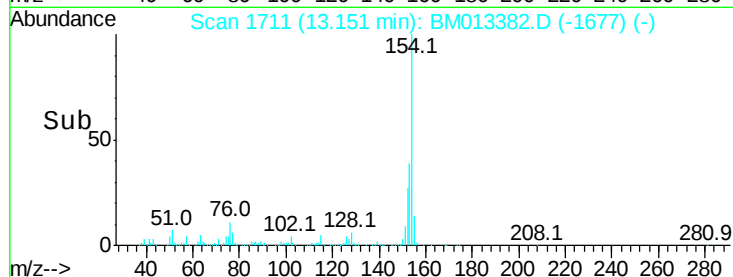
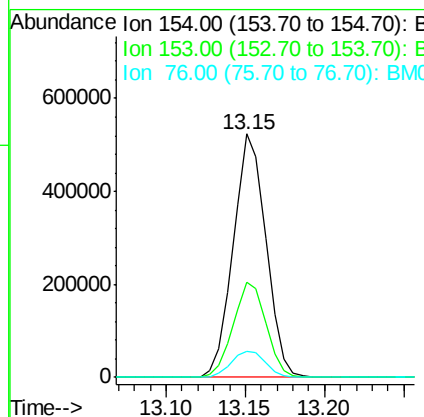
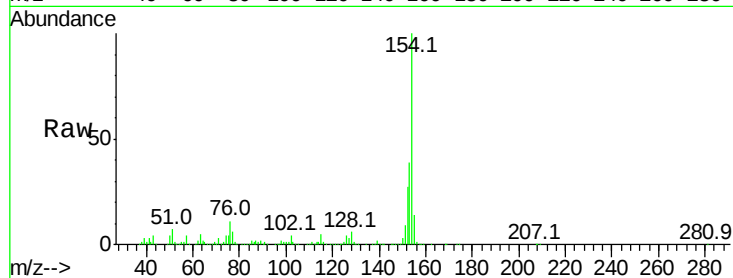
ClientSampleId :

F9B14ME

Tot Ion:	154	Resp:	750606
Ion Ratio	Lower	Upper	
154	100		
153	39.2	32.6	48.8
76	10.9	8.5	12.7

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#44

Dimethylphthalate

Concen: 2.549 ng/ul

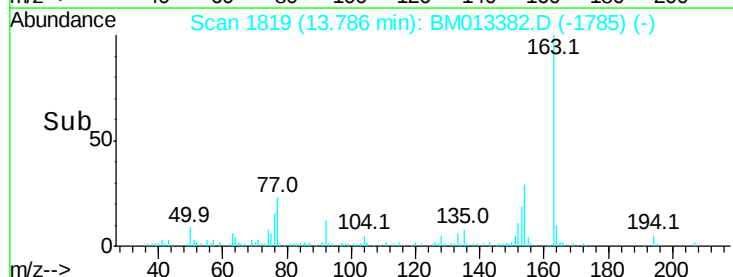
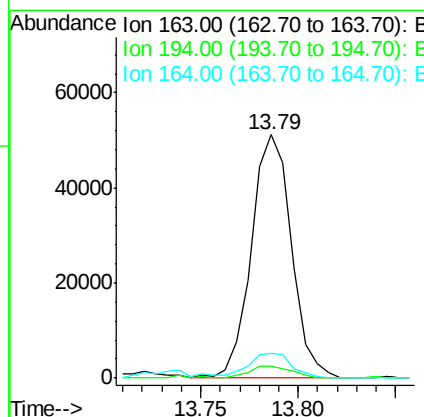
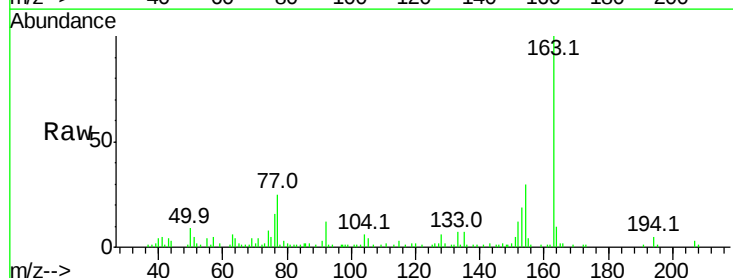
RT: 13.79 min Scan# 1819

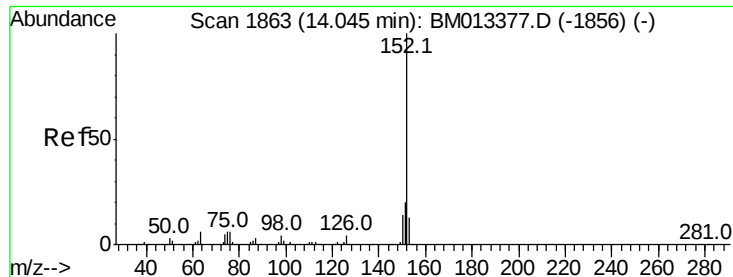
Delta R.T. -0.00 min

Lab File: BM013382.D

Acq: 13 Dec 2017 20:11

Tgt Ion:	163	Resp:	72822
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.5	5.3
164	10.3	8.2	12.4





#47

Acenaphthylene

Concen: 10.804 ng/ul

RT: 14.04 min Scan# 1863

Delta R.T. -0.00 min

Lab File: BM013382.D

Acq: 13 Dec 2017 20:11

Instrument :

BNA_M

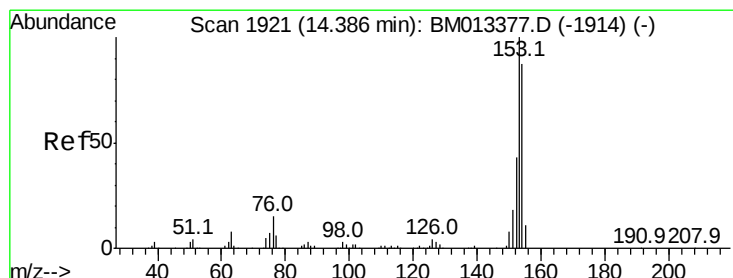
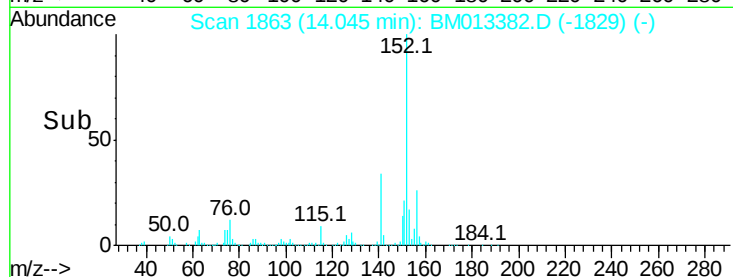
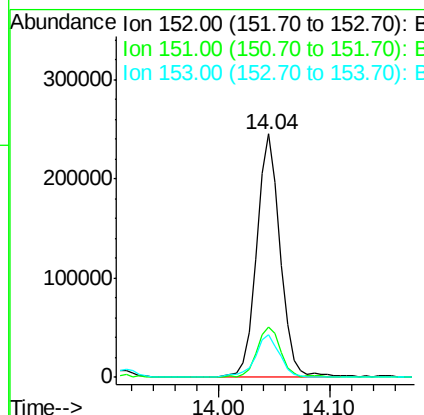
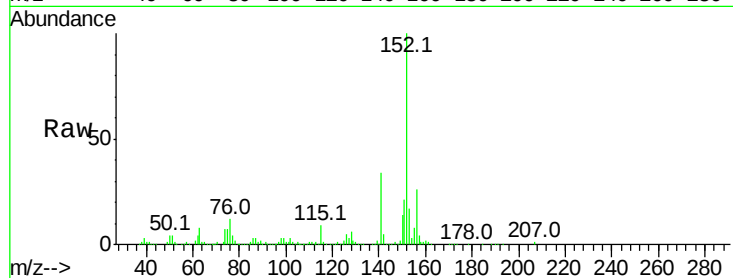
ClientSampleId :

F9B14ME

Tot Ion:	152	Resp:	368568
Ion Ratio	Lower	Upper	
152	100		
151	20.6	16.3	24.5
153	17.3	10.2	15.4#

Manual Integrations
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#49

Acenaphthene

Concen: 112.805 ng/ul

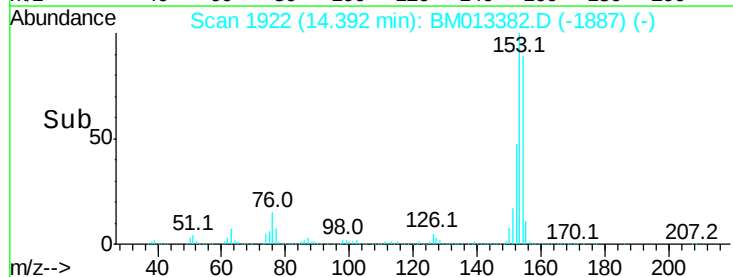
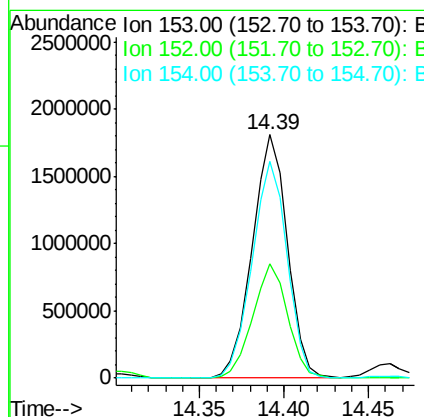
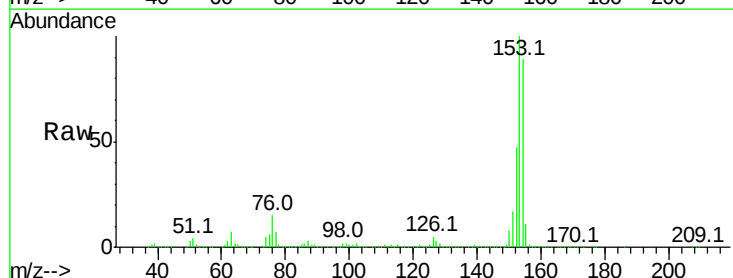
RT: 14.39 min Scan# 1922

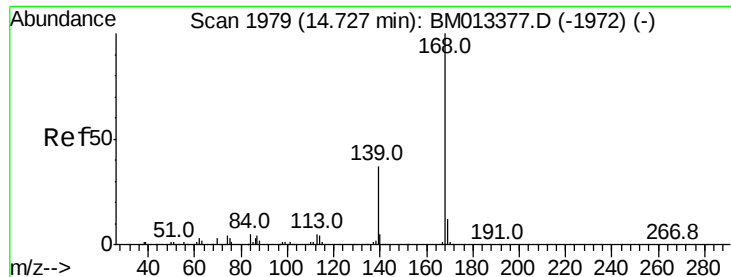
Delta R.T. 0.01 min

Lab File: BM013382.D

Acq: 13 Dec 2017 20:11

Tgt Ion:	153	Resp:	2621336
Ion Ratio	Lower	Upper	
153	100		
152	46.9	37.6	56.4
154	89.2	70.4	105.6





#53

Dibenzofuran

Concen: 87.889 ng/ul

RT: 14.73 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BM013382.D

Acq: 13 Dec 2017 20:11

Instrument :

BNA_M

ClientSampleId :

F9B14ME

Tot Ion:168 Resp: 3015068

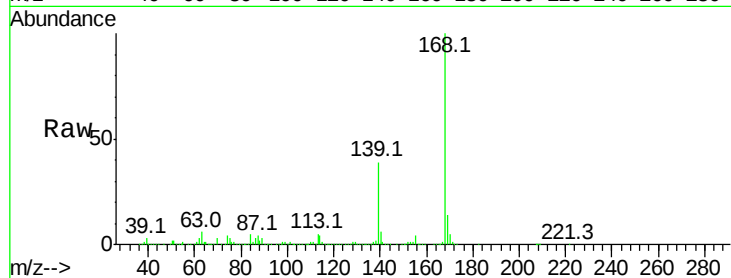
Ion Ratio Lower Upper

168 100

139 38.5 30.8 46.2

Manual Integrations
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

2500000

2000000

1500000

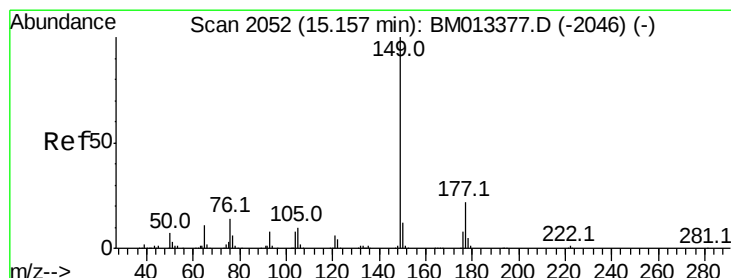
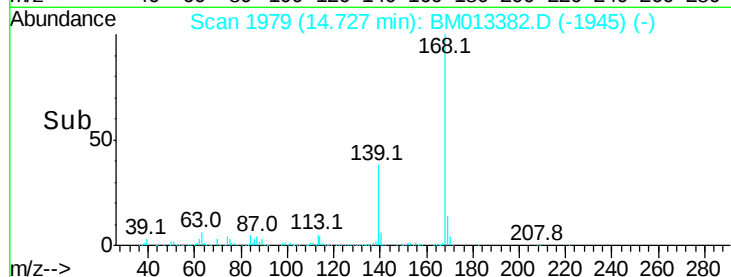
1000000

500000

0

14.70 14.73 14.80

Time-->



#56

Diethylphthalate

Concen: 2.964 ng/ul

RT: 15.16 min Scan# 2052

Delta R.T. -0.00 min

Lab File: BM013382.D

Acq: 13 Dec 2017 20:11

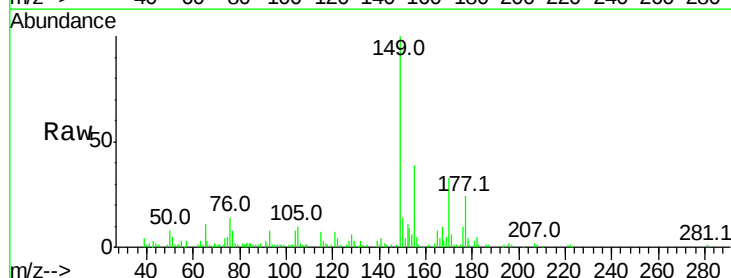
Tgt Ion:149 Resp: 84924

Ion Ratio Lower Upper

149 100

177 24.1 20.5 30.7

150 14.0 10.6 15.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

80000

60000

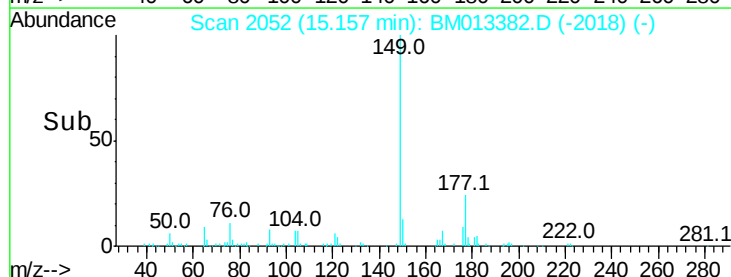
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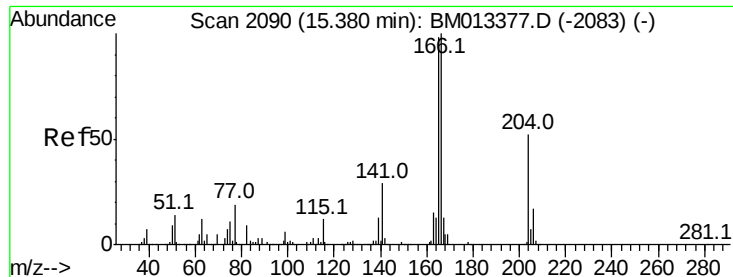
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0

15.10 15.15 15.20

Time-->





#58

Fluorene

Concen: 115.085 ng/ul

RT: 15.38 min Scan# 2090

Delta R.T. -0.00 min

Lab File: BM013382.D

Acq: 13 Dec 2017 20:11

Instrument :

BNA_M

ClientSampleId :

F9B14ME

Tot Ion:166 Resp: 3266081

Ion Ratio Lower Upper

166 100

165 97.1 77.9 116.9

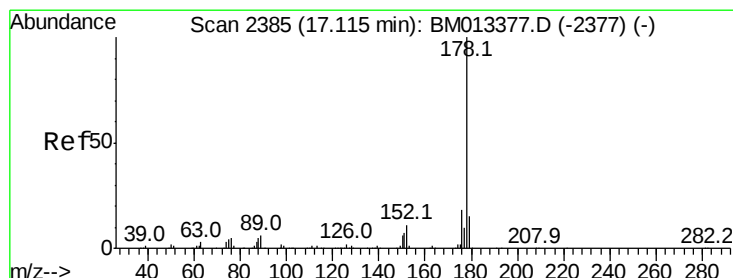
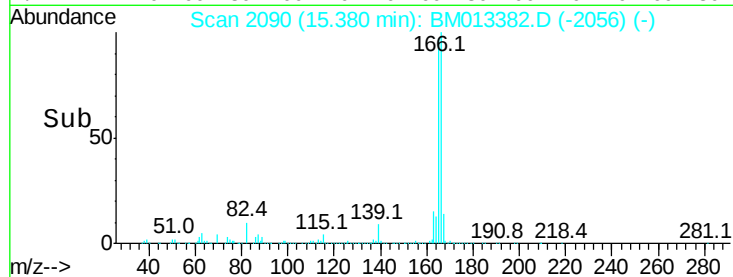
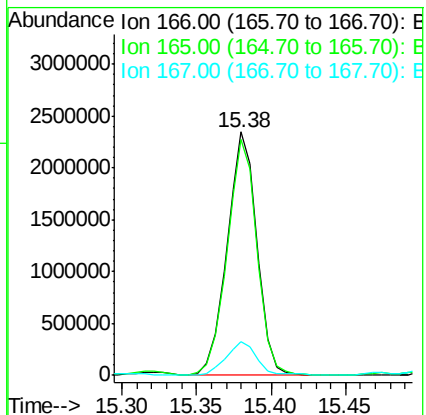
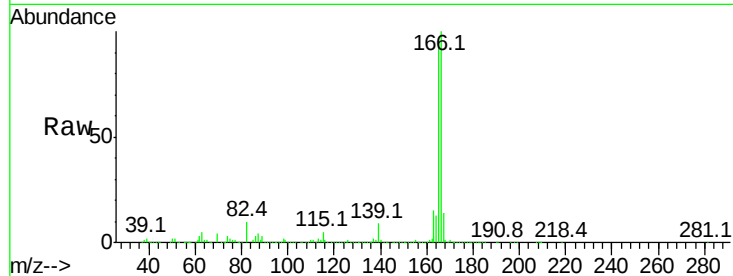
167 13.6 10.6 16.0

Manual Integrations

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#69

Phenanthrene

Concen: 307.538 ng/ul m

RT: 17.13 min Scan# 2387

Delta R.T. 0.01 min

Lab File: BM013382.D

Acq: 13 Dec 2017 20:11

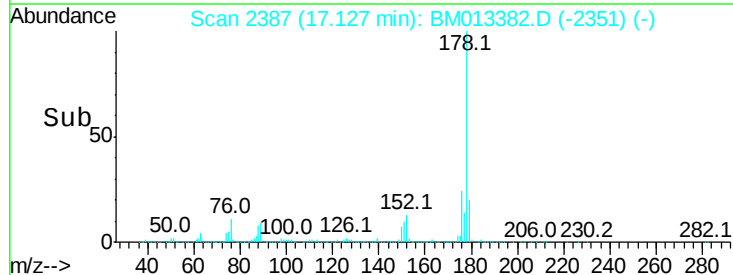
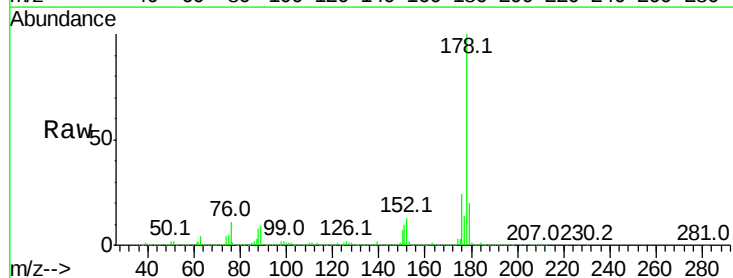
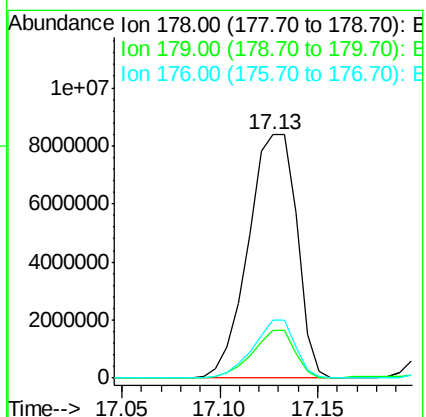
Tgt Ion:178 Resp:14481499

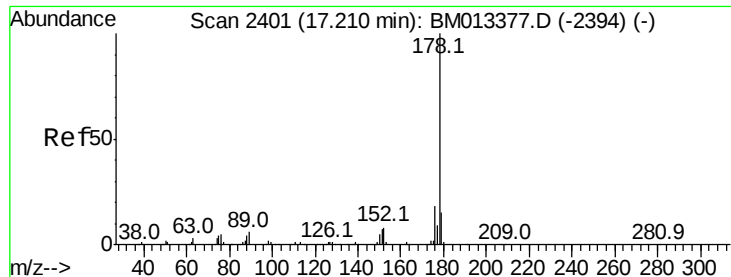
Ion Ratio Lower Upper

178 100

179 19.7 12.6 19.0#

176 23.7 14.9 22.3#





#71
 Anthracene
 Concen: 45.006 ng/ul
 RT: 17.21 min Scan# 2401
 Delta R.T. -0.00 min
 Lab File: BM013382.D
 Acq: 13 Dec 2017 20:11

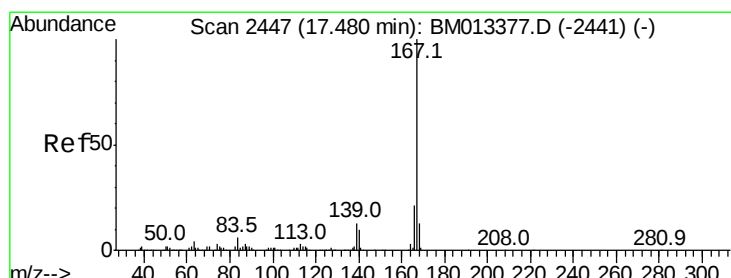
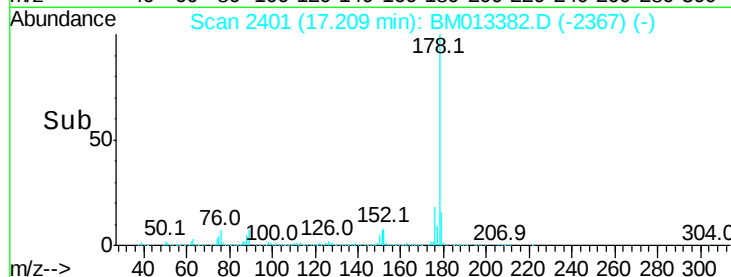
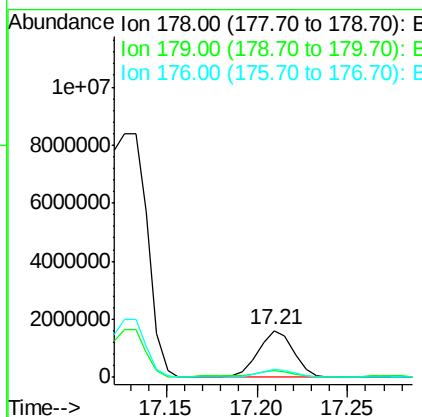
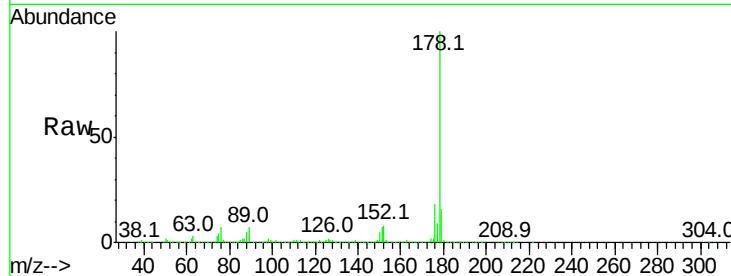
Instrument :
 BNA_M
 ClientSampleId :
 F9B14ME

Tot Ion:178 Resp: 2166236

Ion	Ratio	Lower	Upper
178	100		
179	15.7	11.7	17.5
176	17.7	14.6	21.8

Manual Integrations
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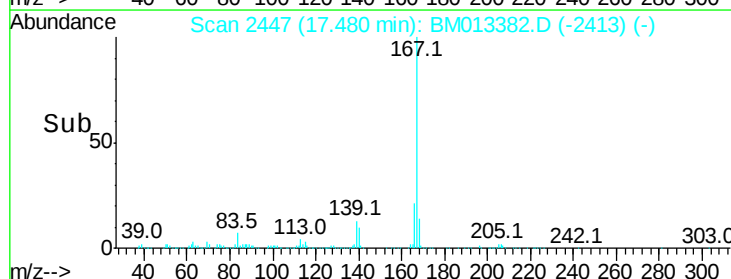
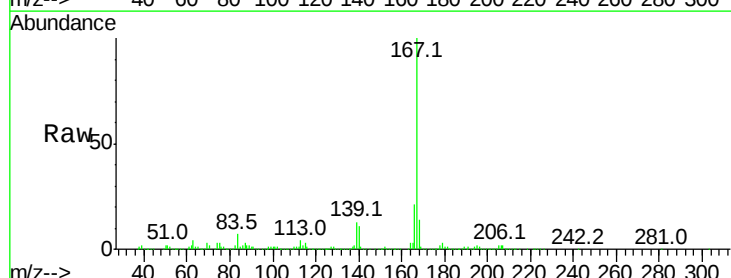
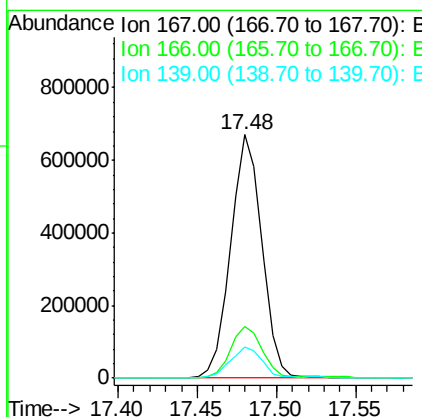
Sohil
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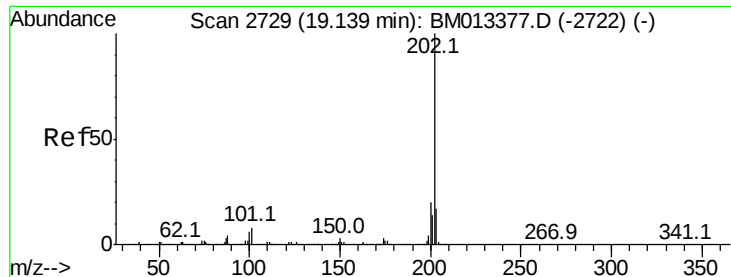


#72
 Carbazole
 Concen: 21.987 ng/ul
 RT: 17.48 min Scan# 2447
 Delta R.T. -0.00 min
 Lab File: BM013382.D
 Acq: 13 Dec 2017 20:11

Tgt Ion:167 Resp: 910259

Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.1	25.7
139	12.9	10.0	15.0





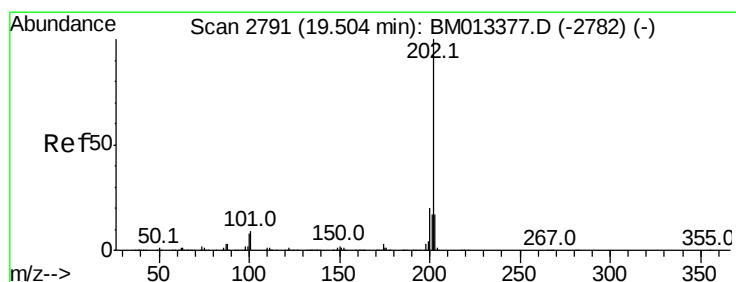
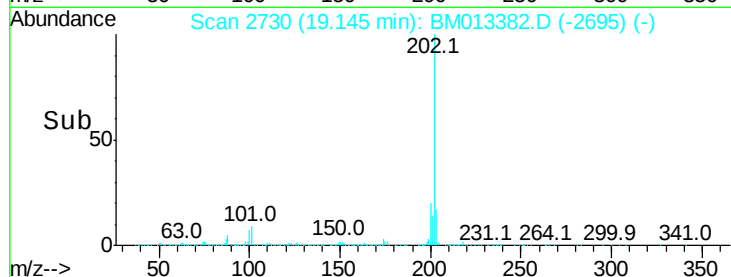
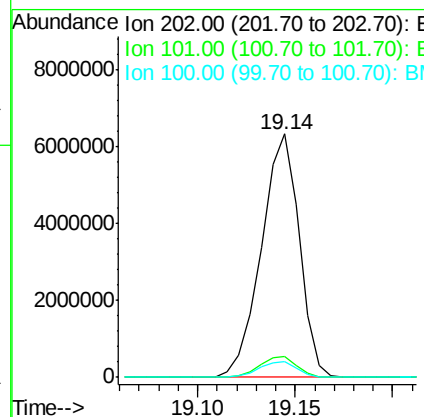
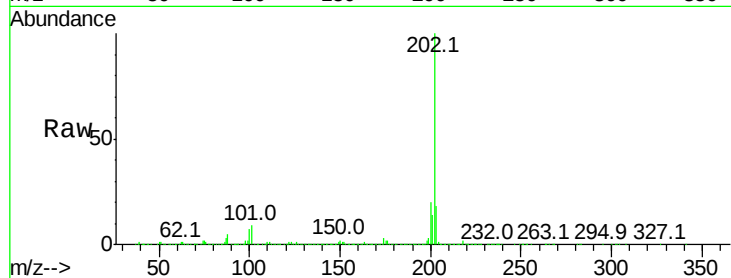
#74
 Fluoranthene
 Concen: 147.206 ng/ul
 RT: 19.14 min Scan# 2730
 Delta R.T. 0.01 min
 Lab File: BM013382.D
 Acq: 13 Dec 2017 20:11

Instrument :
 BNA_M
 ClientSampleId :
 F9B14ME

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.7	4.6	7.0#
100	6.6	3.4	5.2#

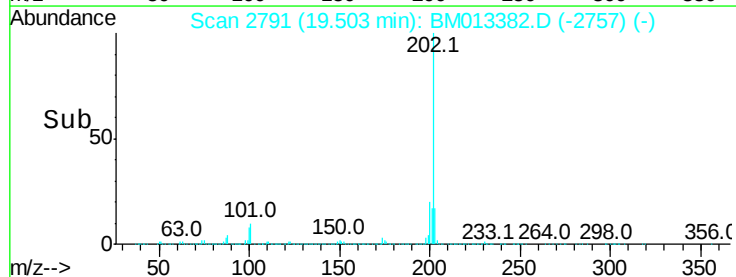
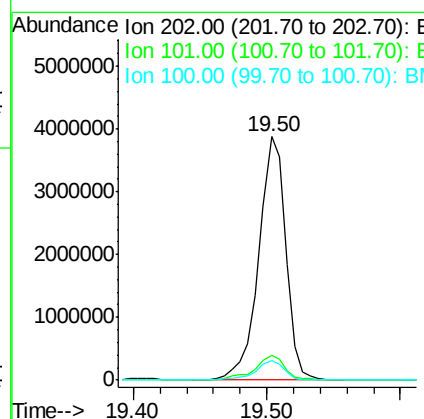
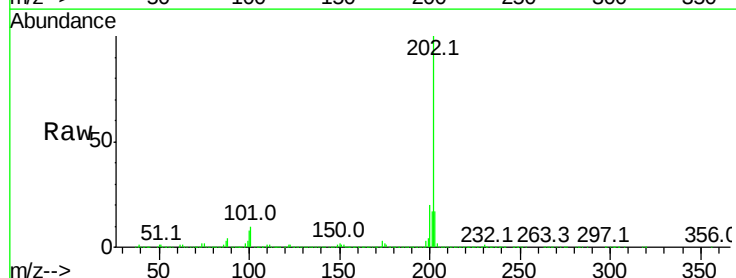
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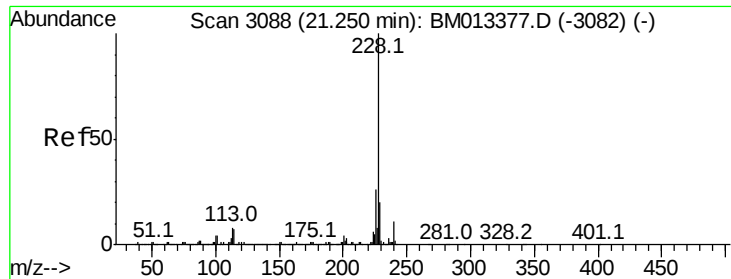
Sohil
 12/15/2017 7:34:15 PM



#77
 Pyrene
 Concen: 76.480 ng/ul
 RT: 19.50 min Scan# 2791
 Delta R.T. -0.00 min
 Lab File: BM013382.D
 Acq: 13 Dec 2017 20:11

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





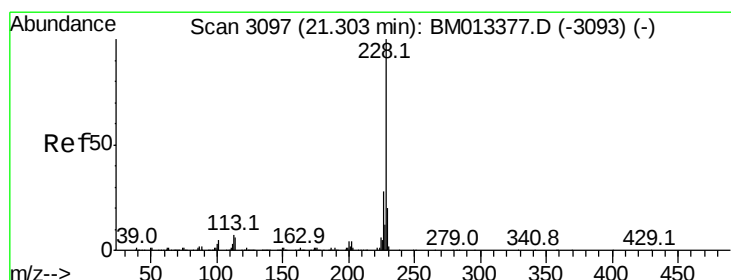
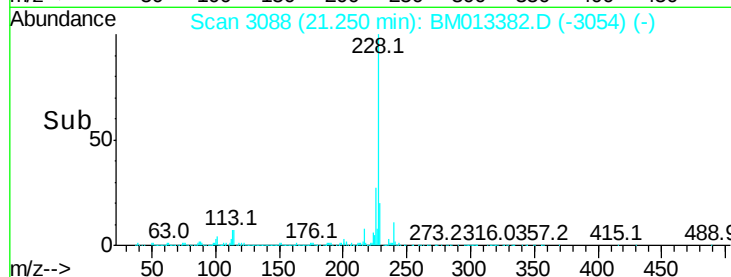
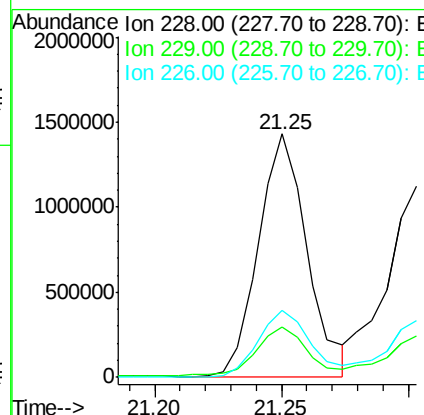
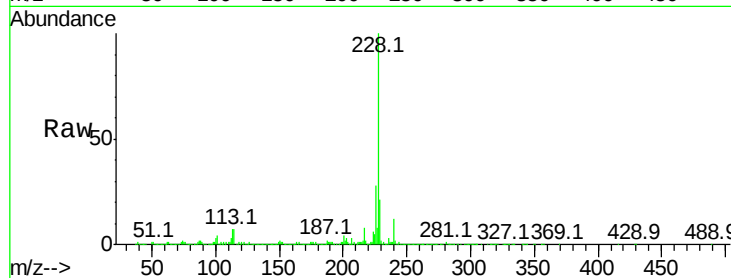
#80
Benzo(a)anthracene
Concen: 25.797 ng/ul
RT: 21.25 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM013382.D
Acq: 13 Dec 2017 20:11

Instrument :
BNA_M
ClientSampleId :
F9B14ME

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	27.7	21.4	32.0

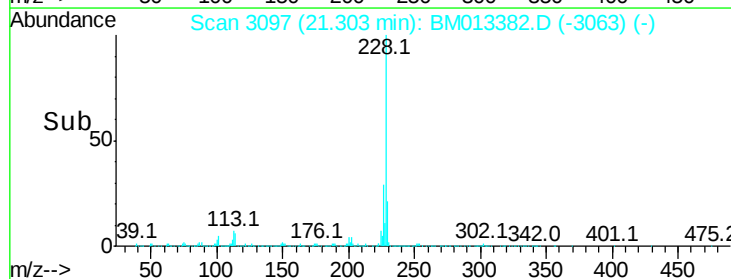
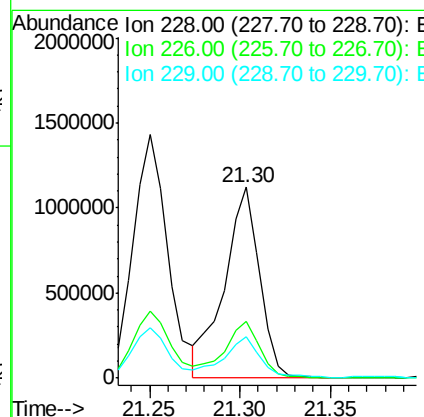
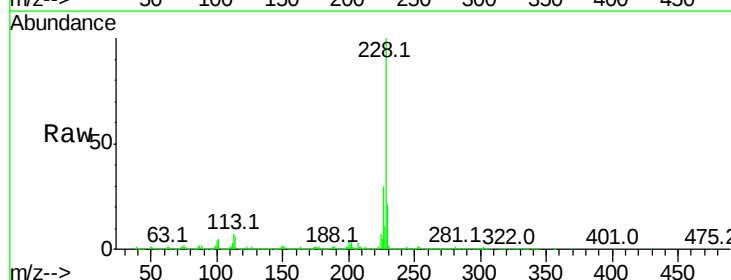
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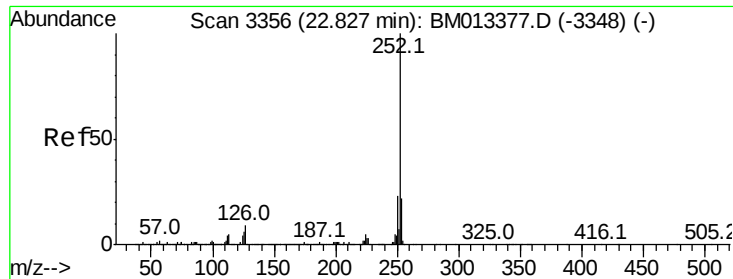
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#82
Chrysene
Concen: 22.022 ng/ul
RT: 21.30 min Scan# 3097
Delta R.T. -0.00 min
Lab File: BM013382.D
Acq: 13 Dec 2017 20:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	21.4	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 17.345 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.00 min

Lab File: BM013382.D

Acq: 13 Dec 2017 20:11

Instrument :

BNA_M

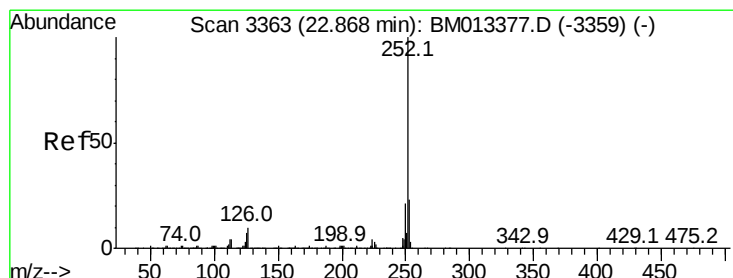
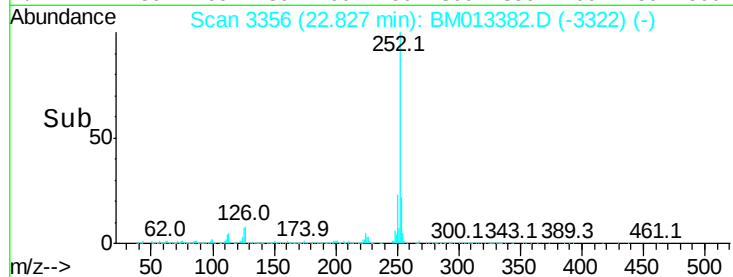
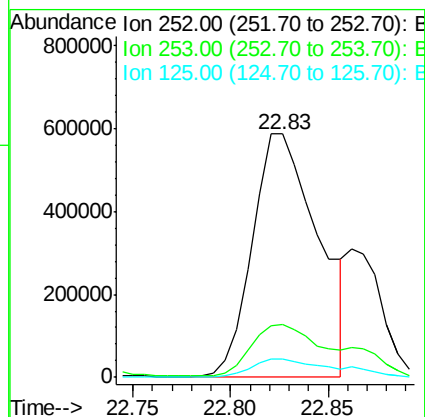
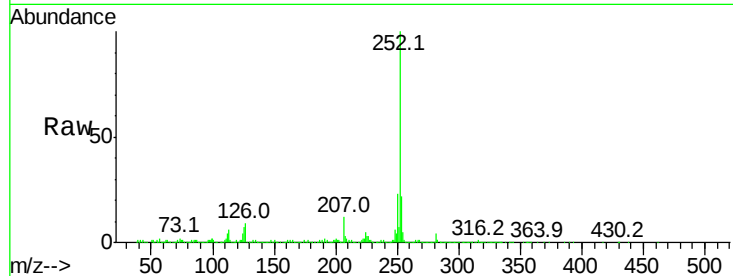
ClientSampleId :

F9B14ME

Tot Ion:	252	Resp:	1364906
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	7.3	3.6	5.4#

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#86

Benzo(k)fluoranthene

Concen: 5.020 ng/ul m

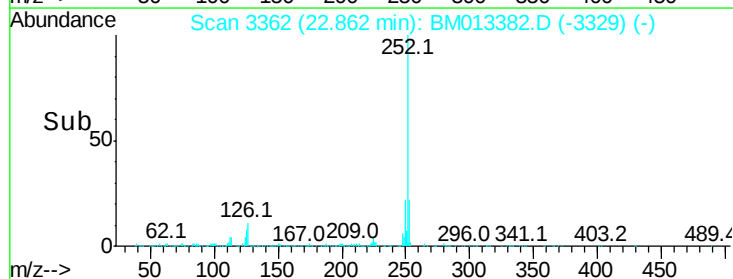
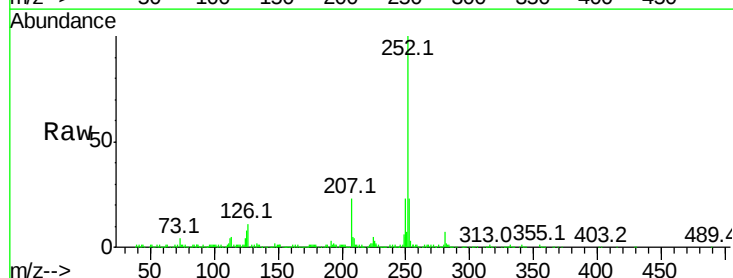
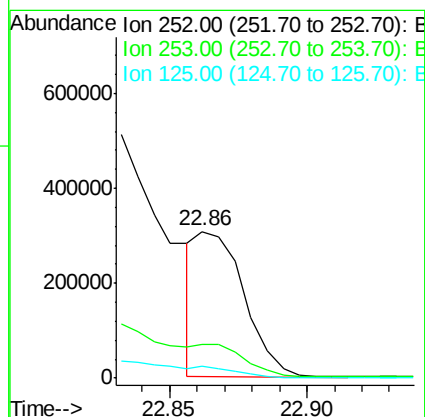
RT: 22.86 min Scan# 3362

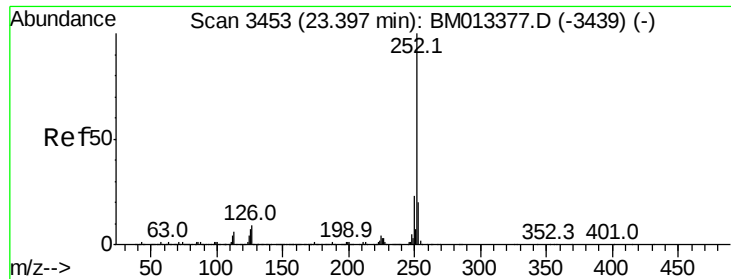
Delta R.T. -0.01 min

Lab File: BM013382.D

Acq: 13 Dec 2017 20:11

Tgt Ion:	252	Resp:	371726
Ion Ratio	Lower	Upper	
252	100		
253	23.2	17.1	25.7
125	8.3	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 11.260 ng/ul

RT: 23.39 min Scan# 3452

Delta R.T. -0.01 min

Lab File: BM013382.D

Acq: 13 Dec 2017 20:11

Instrument :

BNA_M

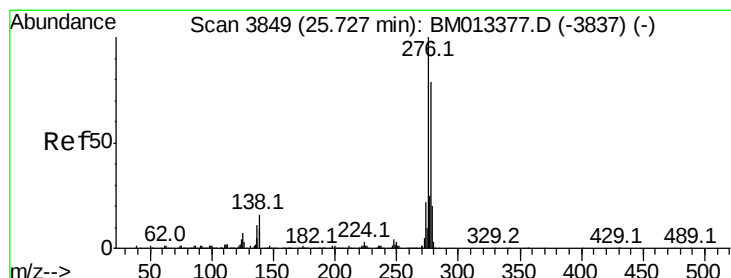
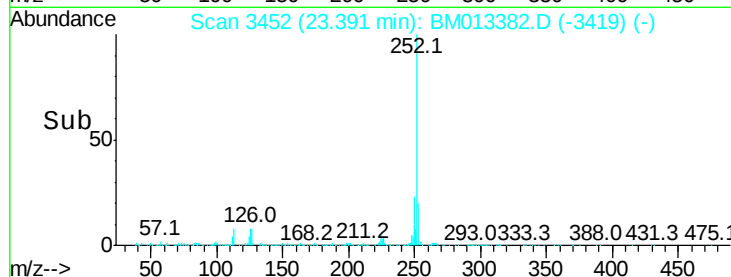
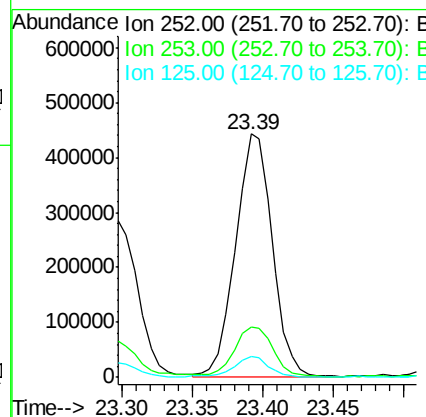
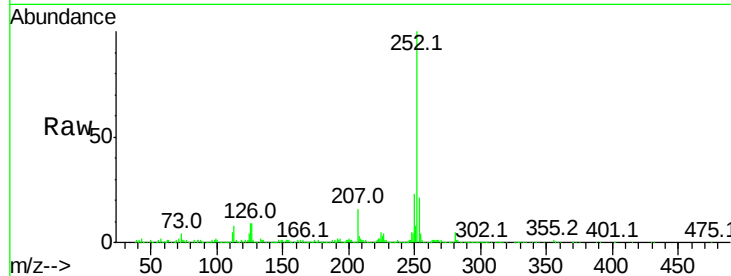
ClientSampleId :

F9B14ME

Tot Ion	Ratio	Resp	Lower	Upper
252	100	795984		
253	20.9	18.2	27.2	
125	8.7	4.0	6.0	

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#89

Indeno(1,2,3-cd)pyrene

Concen: 5.173 ng/ul

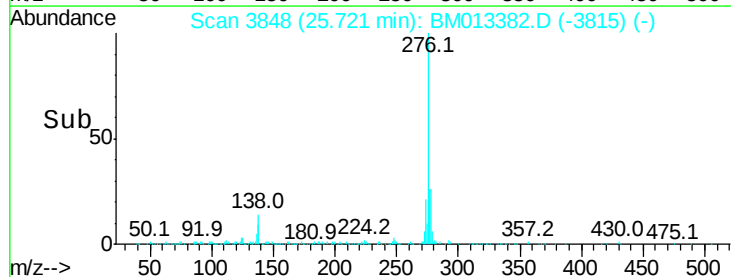
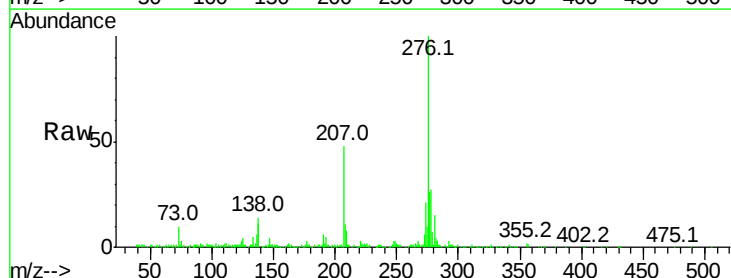
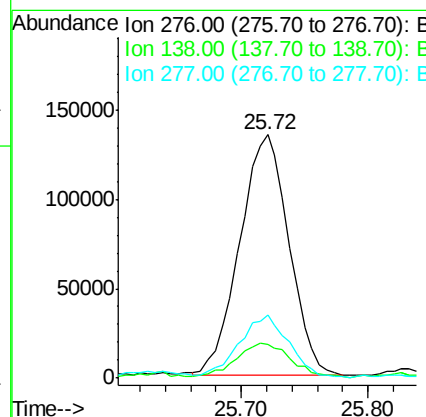
RT: 25.72 min Scan# 3848

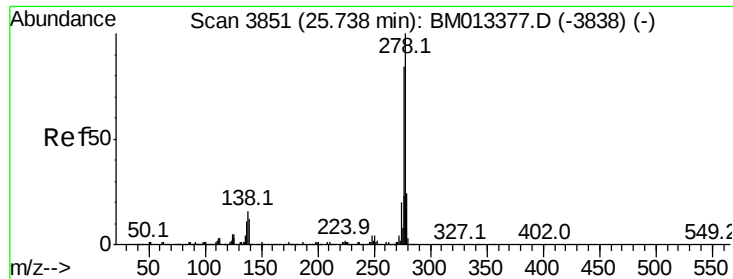
Delta R.T. -0.01 min

Lab File: BM013382.D

Acq: 13 Dec 2017 20:11

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	362865		
138	14.0	9.3	13.9	
277	25.7	19.9	29.9	





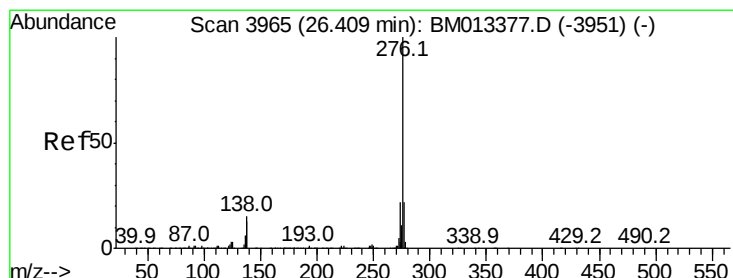
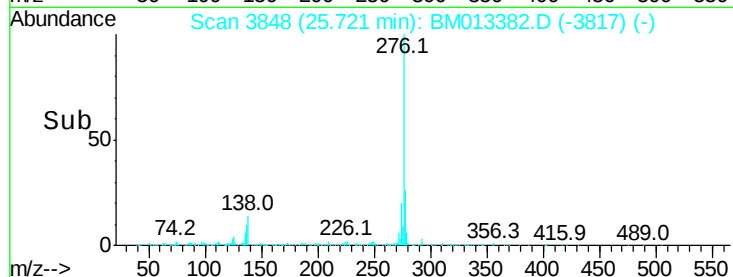
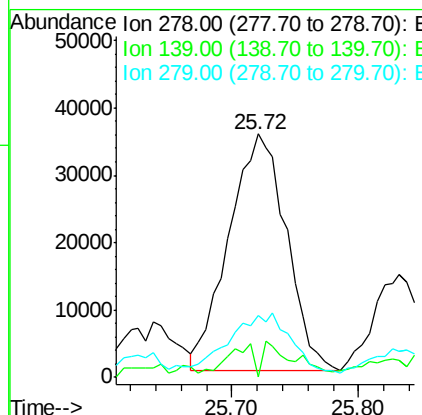
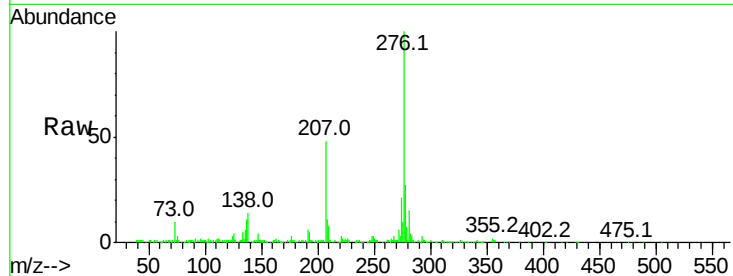
#90
Dibenzo(a,h)anthracene
Concen: 1.850 ng/ul
RT: 25.72 min Scan# 3848
Delta R.T. -0.02 min
Lab File: BM013382.D
Acq: 13 Dec 2017 20:11

Instrument :
BNA_M
ClientSampleId :
F9B14ME

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	25.6	18.6	27.8

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 4.606 ng/ul
RT: 26.40 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BM013382.D
Acq: 13 Dec 2017 20:11

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.7	8.5	12.7#
277	24.9	18.6	28.0

