

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014476.D
 Acq On : 05 Mar 2018 17:00
 Operator : SJ/JU
 Sample : J1678-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T0

Manual Integrations
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Sohil
 3/6/2018 5:46:58 PM

Quant Time: Mar 05 23:37:14 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Mar 05 23:00:00 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	90515	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	379303	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	205542	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	409235	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	367322	20.00	ng/ul	0.00
83) Perylene-d12	23.35	264	360364	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	7682m	3.63	ng/uL	0.00
5) Phenol-d5	6.73	99	226435	29.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	141273	30.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	186664	31.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	188067	28.10	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	93939	33.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	109065	37.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	174011	28.96	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	142632m	24.09	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	586205	34.54	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	738858	35.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	56637	24.17	ng/ul	-0.01
57) Fluorene-d10	15.18	176	465034	30.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	20041	8.16	ng/ul	0.00
70) Anthracene-d10	17.04	188	660657	33.46	ng/ul	0.00
76) Pyrene-d10	19.36	212	657417	34.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	582629	33.22	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.76	94	17118	2.132	ng/ul#	80
16) 4-Methylphenol	8.30	108	40736	6.088	ng/ul	90
28) Naphthalene	10.33	128	91265	4.685	ng/ul	97
34) 2-Methylnaphthalene	11.96	142	43161	2.911	ng/ul	95
44) Dimethylphthalate	13.65	163	101837	6.084	ng/ul	99
47) Acenaphthylene	13.90	152	60853	3.076	ng/ul	96
49) Acenaphthene	14.24	153	70159	5.036	ng/ul	100
53) Dibenzofuran	14.59	168	58680	2.809	ng/ul#	86
58) Fluorene	15.24	166	78789	4.369	ng/ul#	98
69) Phenanthrene	16.99	178	1564461	66.351	ng/ul	98
71) Anthracene	17.07	178	288010	12.146	ng/ul	97
72) Carbazole	17.36	167	92121	4.620	ng/ul#	91
74) Fluoranthene	19.02	202	1980502	70.305	ng/ul#	95
77) Pyrene	19.39	202	2227548	91.251	ng/ul#	95
80) Benzo(a)anthracene	21.15	228	1075324	46.907	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	21.07	149	23882	1.652	ng/ul#	92
82) Chrysene	21.20	228	1053419	49.258	ng/ul	98
85) Benzo(b)fluoranthene	22.70	252	1233966	51.140	ng/ul#	98
86) Benzo(k)fluoranthene	22.74	252	342058m	14.910	ng/ul	
88) Benzo(a)pyrene	23.26	252	925721	42.933	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.54	276	561878	26.854	ng/ul	100
90) Dibenzo(a,h)anthracene	25.54	278	167242	9.620	ng/ul#	87
91) Benzo(g,h,i)perylene	26.21	276	475861	28.075	ng/ul	93

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 05 23:00:00 2018
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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

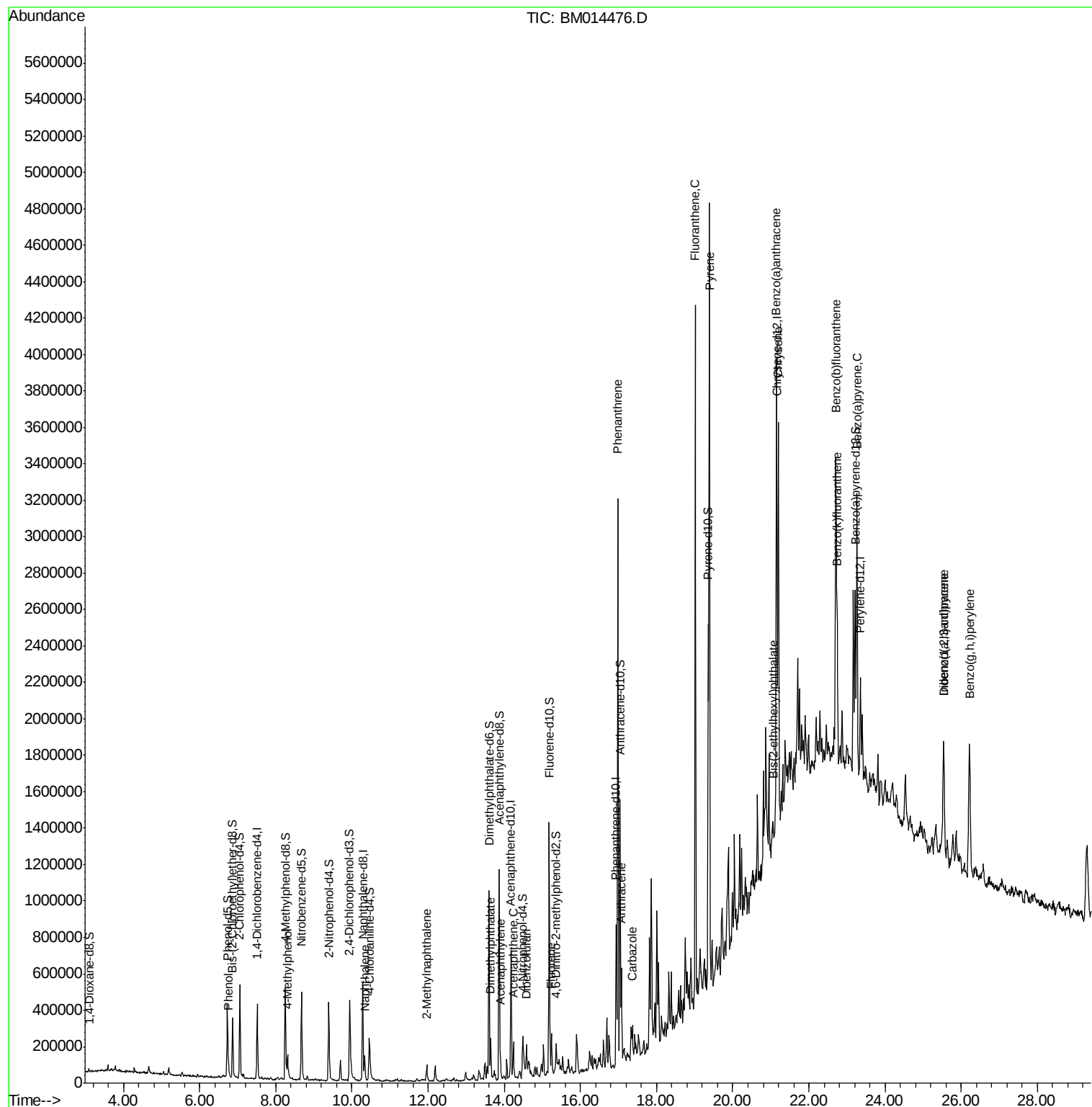
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
Data File : BM014476.D
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Sample : J1678-01
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ALS Vial : 10 Sample Multiplier: 1

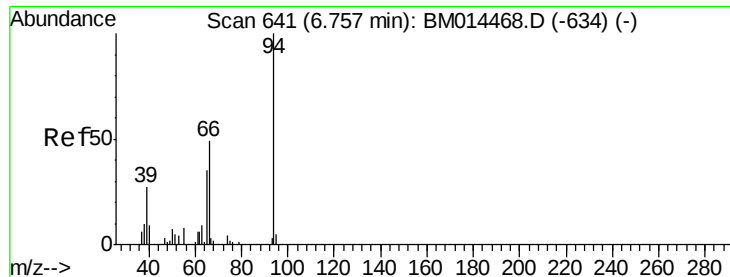
Instrument :
BNA_M
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#6

Phenol

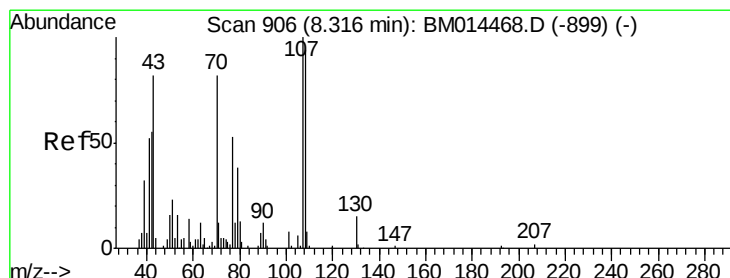
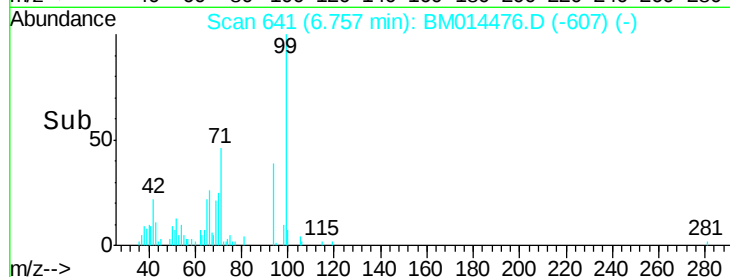
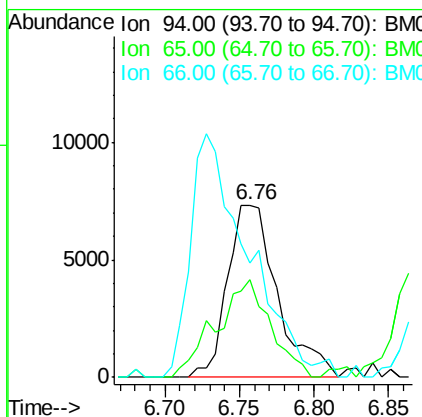
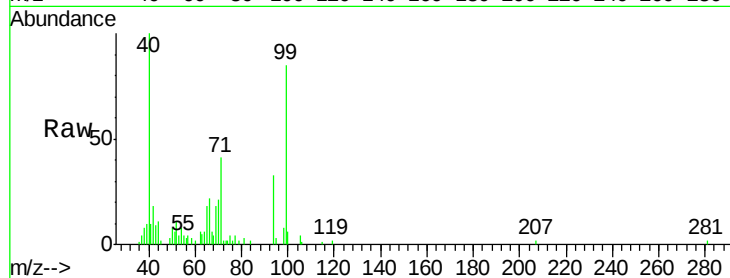
Concen: 2.132 ng/ul
 RT: 6.76 min Scan# 641
 Delta R.T. -0.00 min
 Lab File: BM014476.D
 Acq: 05 Mar 2018 17:00

Instrument :
 BNA_M
 ClientSampled :
 BE5T0

Tot Ion	Ratio	Lower	Upper
94	100		
65	56.7	28.2	42.4#
66	66.3	47.2	70.8

Manual Integrations
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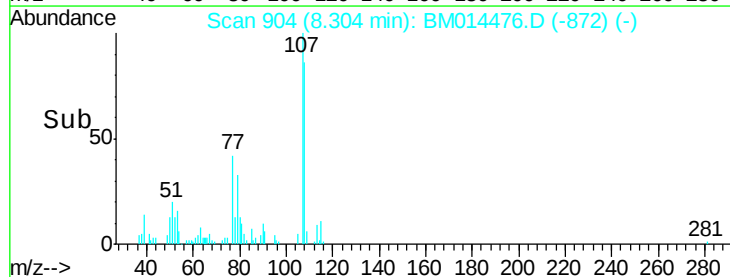
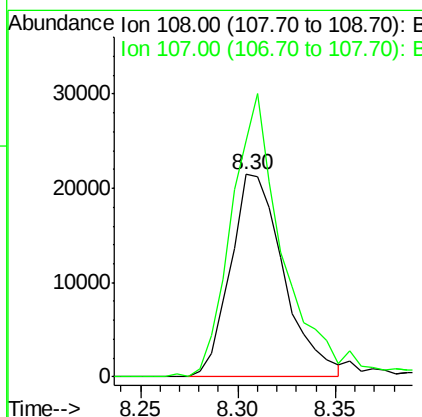
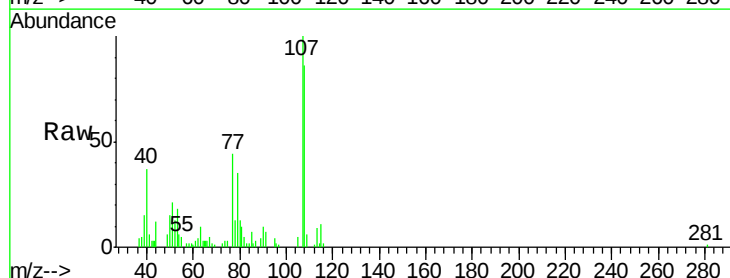


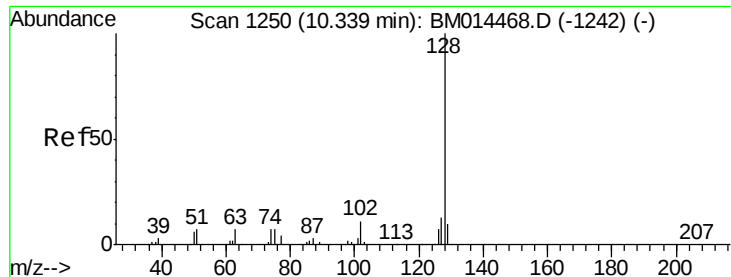
#16

4-Methylphenol

Concen: 6.088 ng/ul
 RT: 8.30 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BM014476.D
 Acq: 05 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
108	100		
107	116.6	84.9	127.3





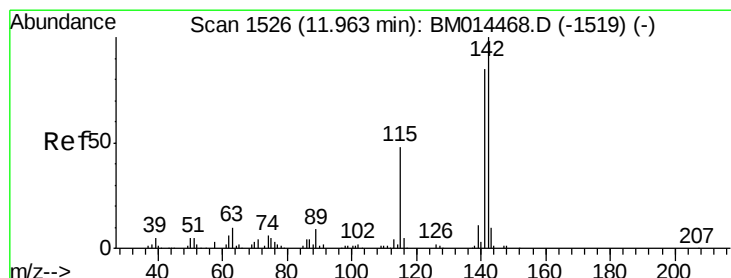
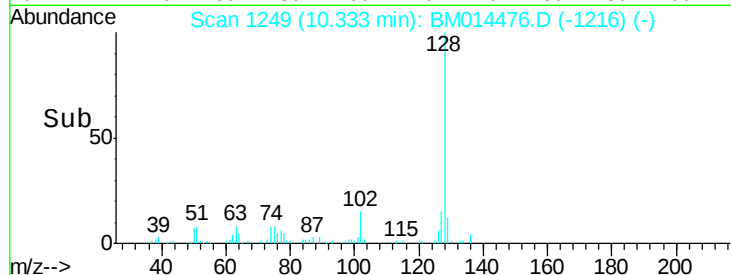
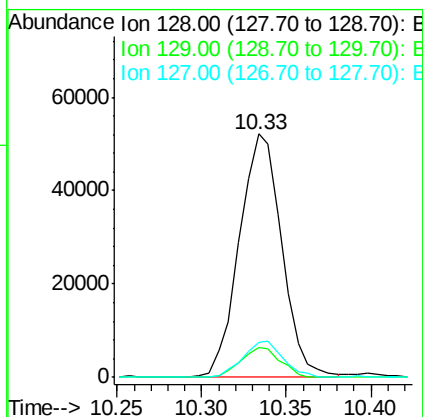
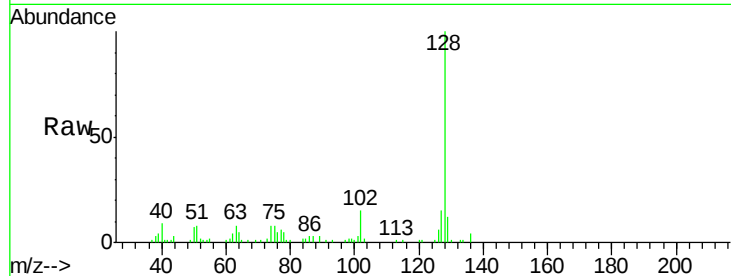
#28
Naphthalene
Concen: 4.685 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. -0.01 min
Lab File: BM014476.D
Acq: 05 Mar 2018 17:00

Instrument :
BNA_M
ClientSampleId :
BE5T0

Tot Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.8	13.2
127	14.6	10.6	16.0

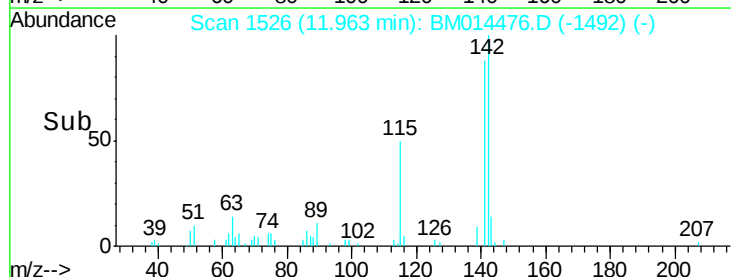
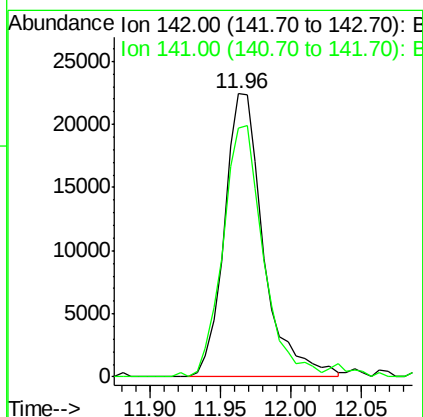
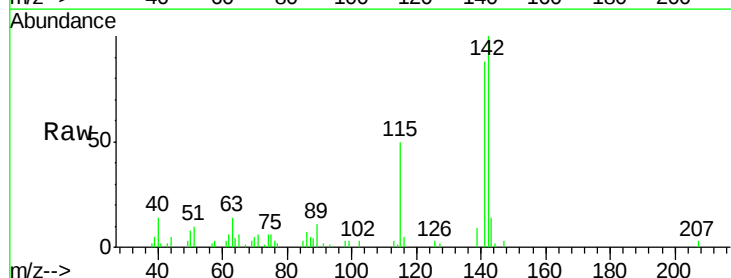
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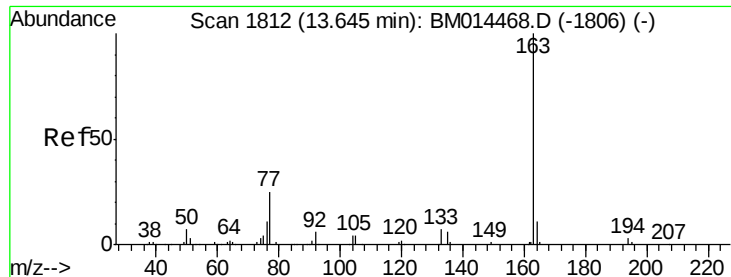
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#34
2-Methylnaphthalene
Concen: 2.911 ng/ul
RT: 11.96 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BM014476.D
Acq: 05 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	74.1	111.1





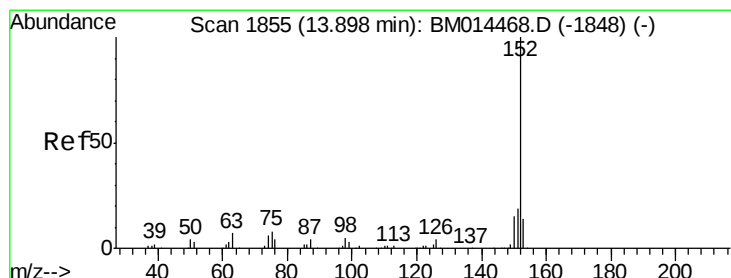
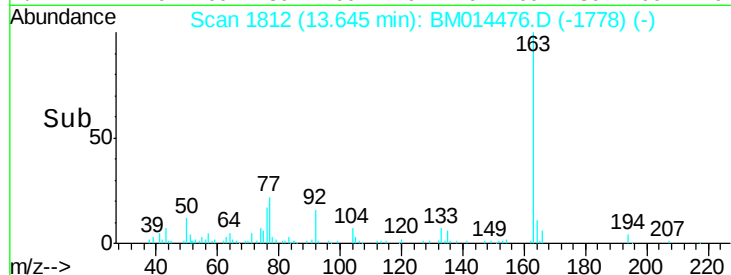
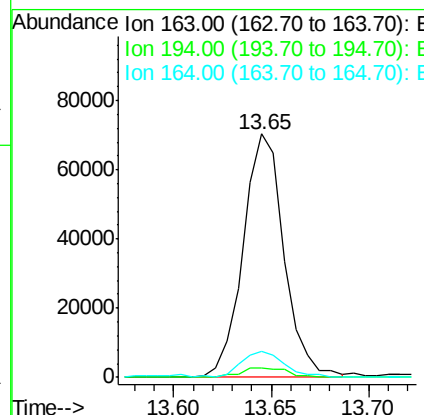
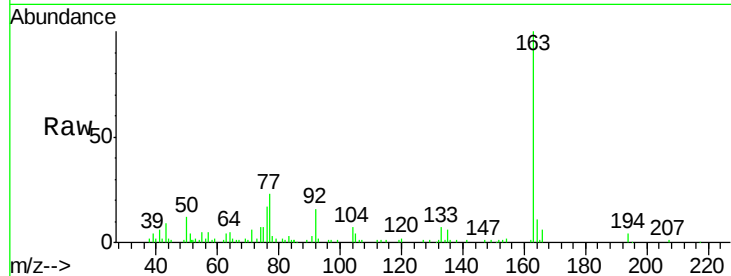
#44
Dimethylphthalate
Concen: 6.084 ng/ul
RT: 13.65 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BM014476.D
Acq: 05 Mar 2018 17:00

Instrument :
BNA_M
ClientSampleId :
BE5T0

Tot Ion	Ratio	Resp	Lower	Upper
163	100	101837		
194	4.1	3.5	5.3	
164	10.9	8.2	12.4	

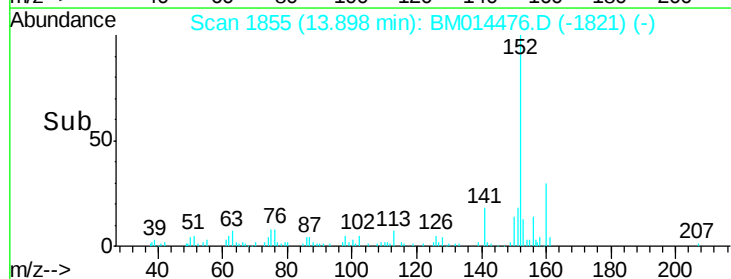
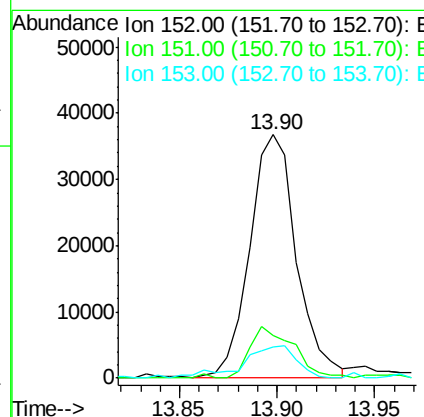
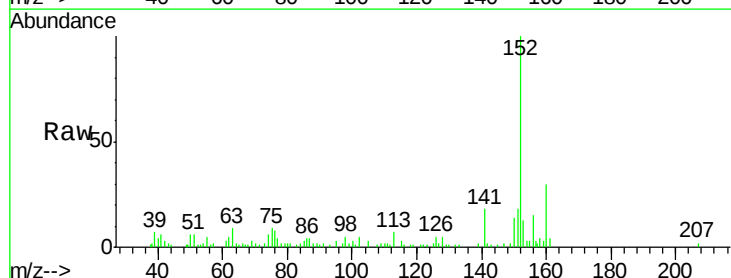
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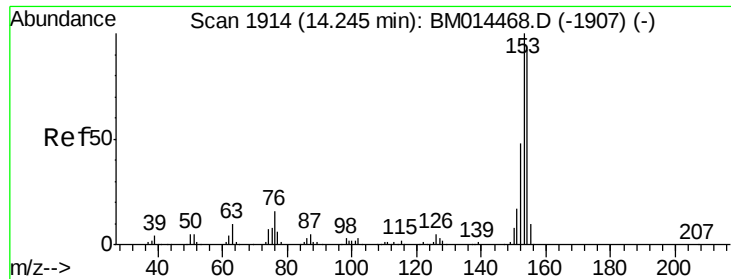
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#47
Acenaphthylene
Concen: 3.076 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. -0.00 min
Lab File: BM014476.D
Acq: 05 Mar 2018 17:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	60853		
151	17.7	16.3	24.5	
153	13.0	10.2	15.4	





#49

Acenaphthene

Concen: 5.036 ng/ul

RT: 14.24 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM014476.D

Acq: 05 Mar 2018 17:00

Instrument :

BNA_M

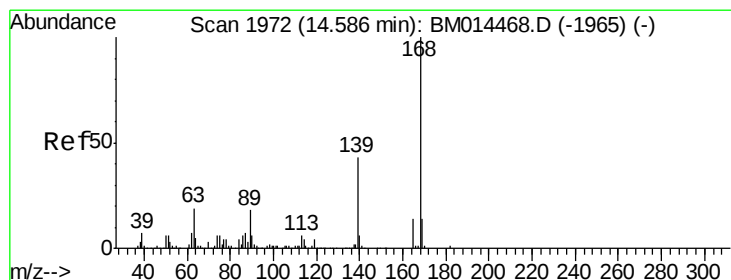
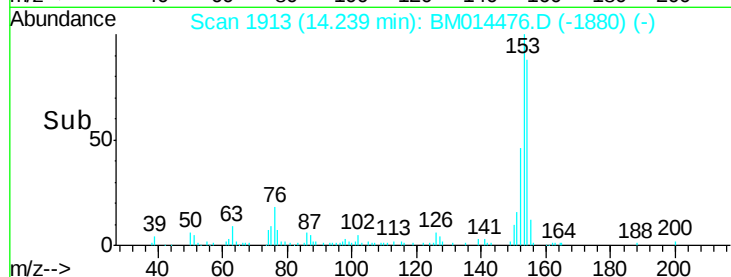
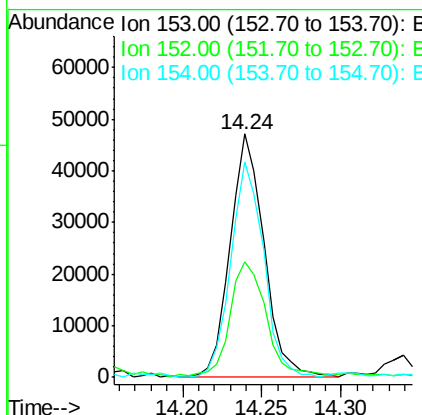
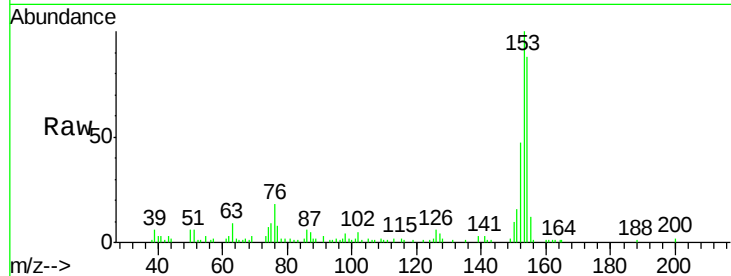
ClientSampleId :

BE5T0

Tot Ion:	153	Resp:	70159
Ion	Ratio	Lower	Upper
153	100		
152	47.5	37.6	56.4
154	88.2	70.4	105.6

Manual Integrations
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#53

Dibenzofuran

Concen: 2.809 ng/ul

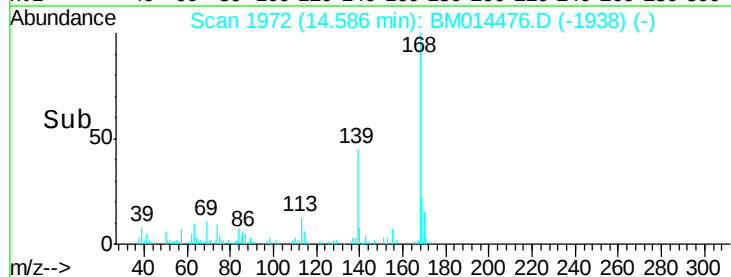
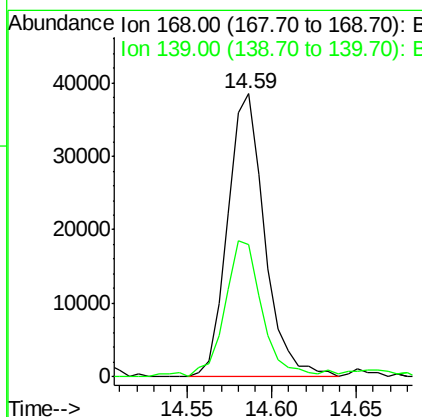
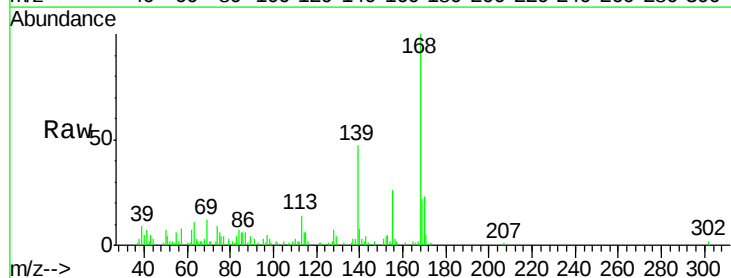
RT: 14.59 min Scan# 1972

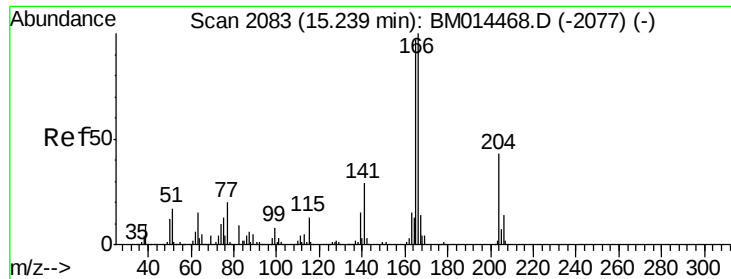
Delta R.T. -0.00 min

Lab File: BM014476.D

Acq: 05 Mar 2018 17:00

Tgt Ion:	168	Resp:	58680
Ion	Ratio	Lower	Upper
168	100		
139	46.9	30.8	46.2#





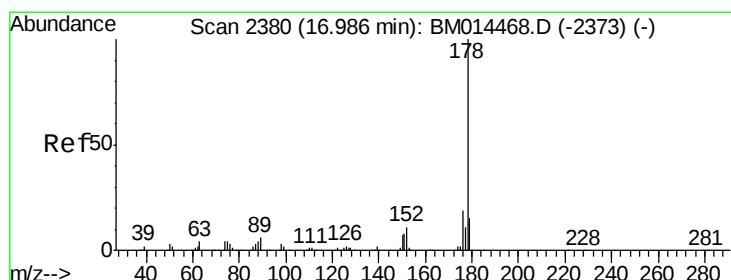
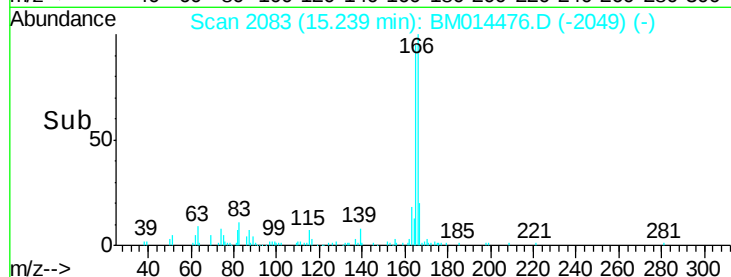
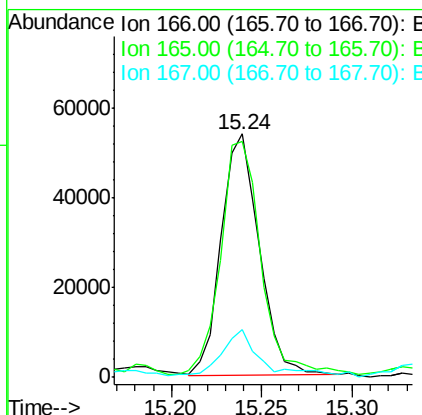
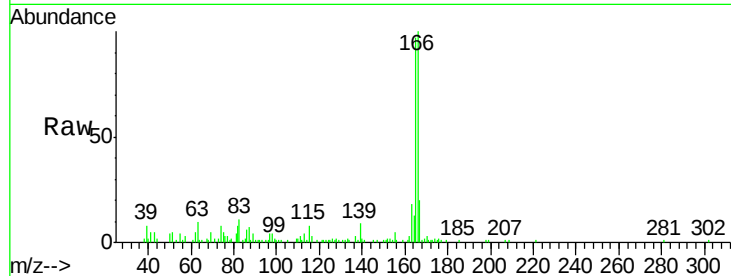
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 Fluorene
 Concen: 4.369 ng/ul
 RT: 15.24 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BM014476.D
 Acq: 05 Mar 2018 17:00

Instrument :
 BNA_M
 ClientSampleId :
 BE5T0

Tot Ion	Ratio	Lower	Upper
166	100		
165	96.8	77.9	116.9
167	19.7	10.6	16.0

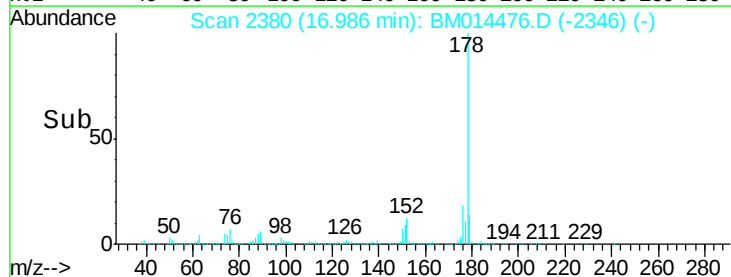
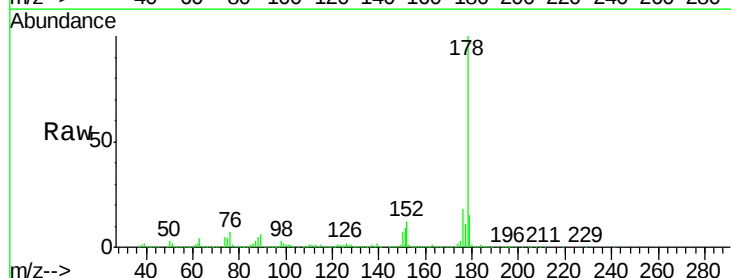
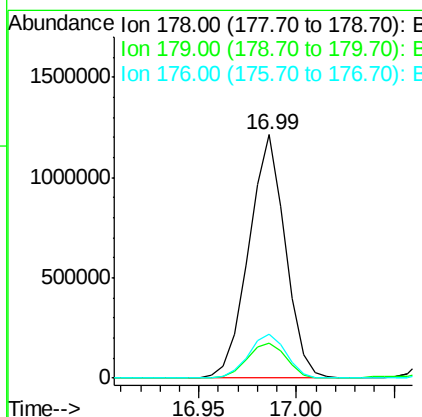
Manual Integrations
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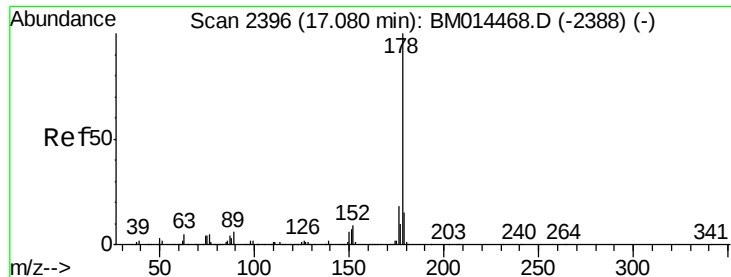
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#69
 Phenanthrene
 Concen: 66.351 ng/ul
 RT: 16.99 min Scan# 2380
 Delta R.T. -0.00 min
 Lab File: BM014476.D
 Acq: 05 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.6	19.0
176	18.1	14.9	22.3





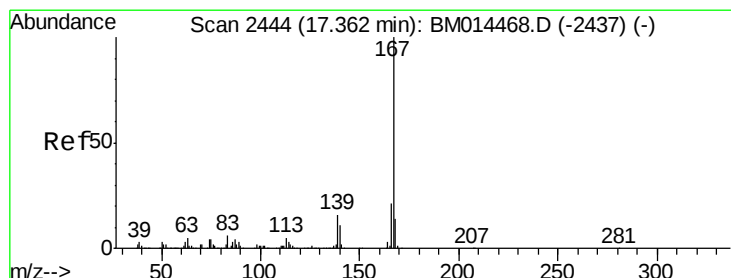
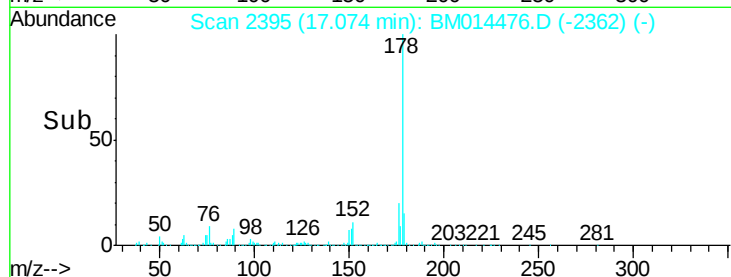
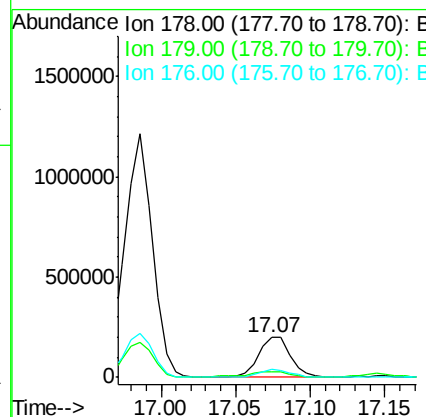
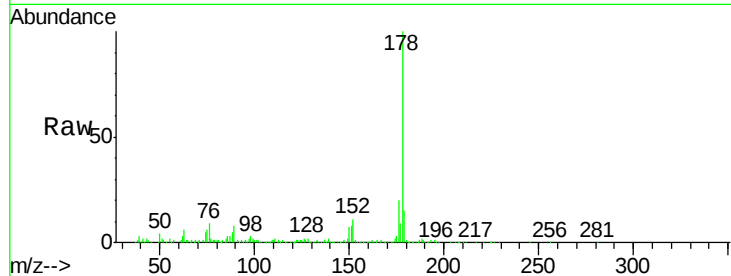
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 Anthracene
 Concen: 12.146 ng/ul
 RT: 17.07 min Scan# 2395
 Delta R.T. -0.01 min
 Lab File: BM014476.D
 Acq: 05 Mar 2018 17:00

Instrument :
 BNA_M
 ClientSampleId :
 BE5T0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	20.3	14.6	21.8

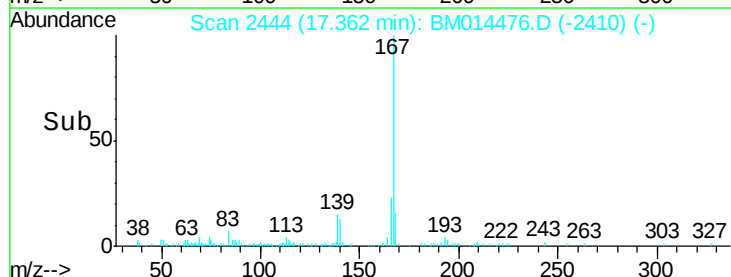
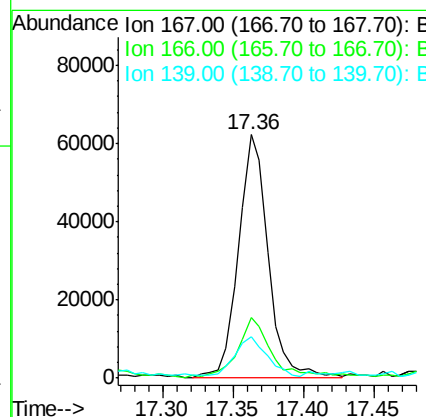
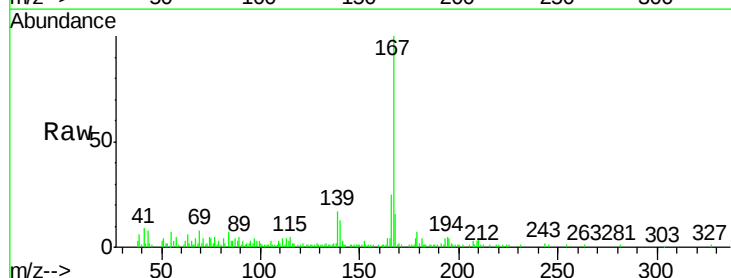
Manual Integrations
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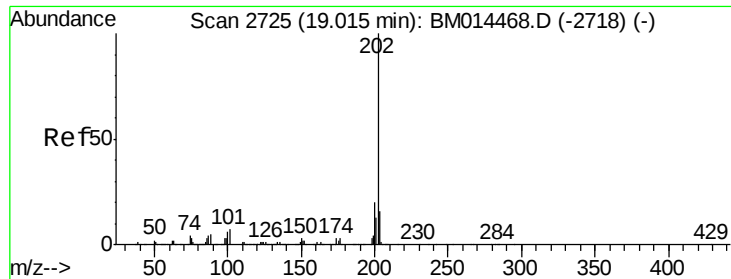
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#72
 Carbazole
 Concen: 4.620 ng/ul
 RT: 17.36 min Scan# 2444
 Delta R.T. -0.00 min
 Lab File: BM014476.D
 Acq: 05 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.0	17.1	25.7
139	16.7	10.0	15.0#





#74

Fluoranthene

Concen: 70.305 ng/ul

RT: 19.02 min Scan# 2726

Delta R.T. 0.01 min

Lab File: BM014476.D

Acq: 05 Mar 2018 17:00

Instrument :

BNA_M

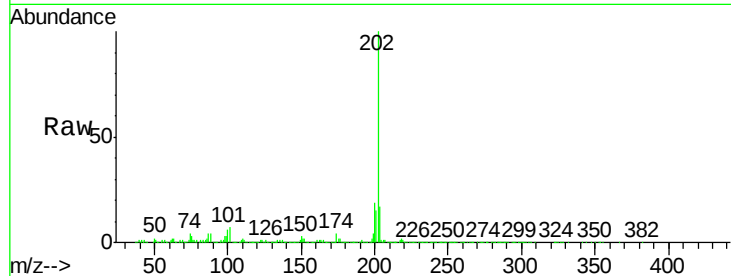
ClientSampleId :

BE5T0

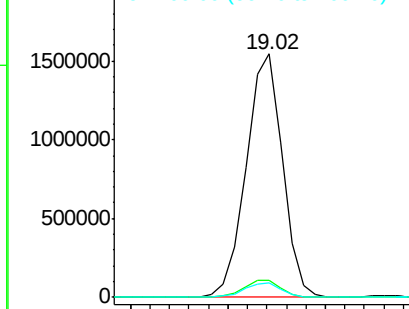
Tot Ion:	202	Resp:	1980502
Ion Ratio	Lower	Upper	
202	100		
101	7.2	4.6	7.0#
100	6.1	3.4	5.2#

Manual Integrations
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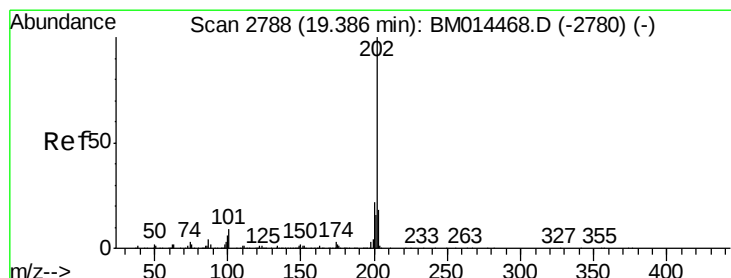
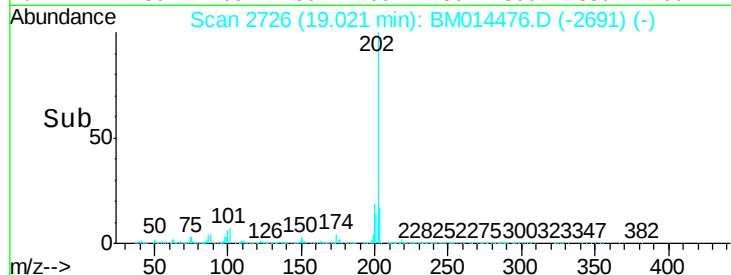
Sohil
3/6/2018 5:46:58 PM



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



Time-->



#77

Pyrene

Concen: 91.251 ng/ul

RT: 19.39 min Scan# 2788

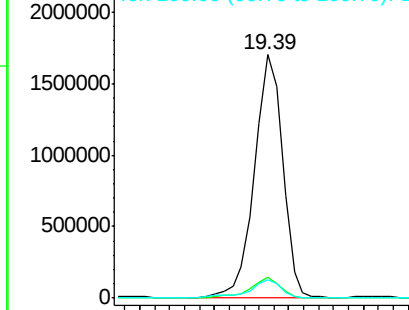
Delta R.T. -0.00 min

Lab File: BM014476.D

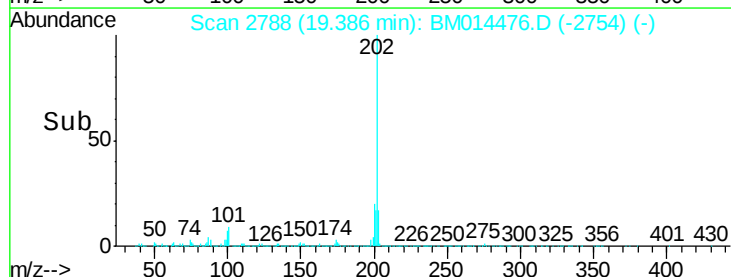
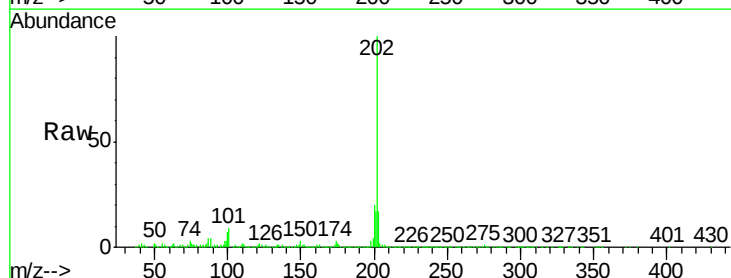
Acq: 05 Mar 2018 17:00

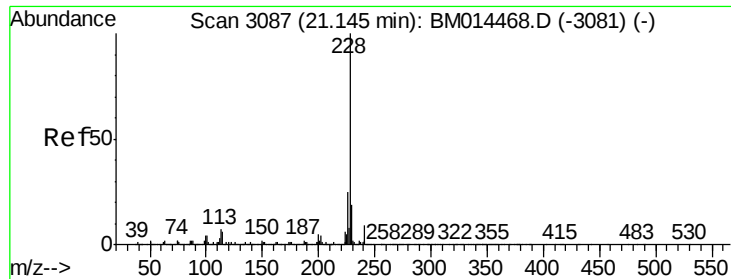
Tgt Ion:	202	Resp:	2227548
Ion Ratio	Lower	Upper	
202	100		
101	8.7	5.1	7.7#
100	7.4	4.9	7.3#

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



Time-->





#80

Benzo(a)anthracene

Concen: 46.907 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. 0.01 min

Lab File: BM014476.D

Acq: 05 Mar 2018 17:00

Instrument :

BNA_M

ClientSampleId :

BE5T0

Tot Ion:228 Resp: 1075324

Ion Ratio Lower Upper

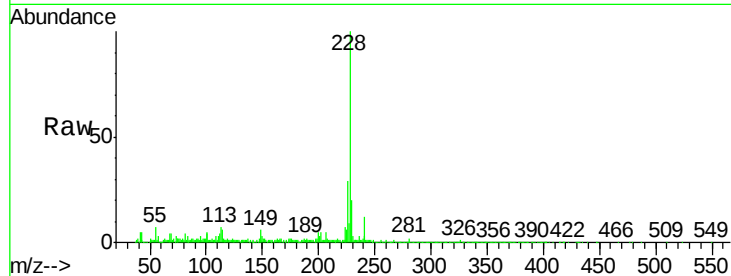
228 100

229 20.3 15.4 23.0

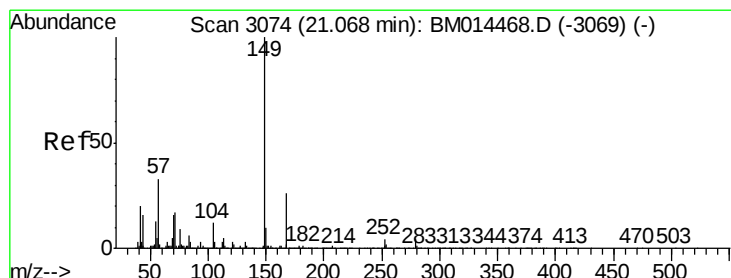
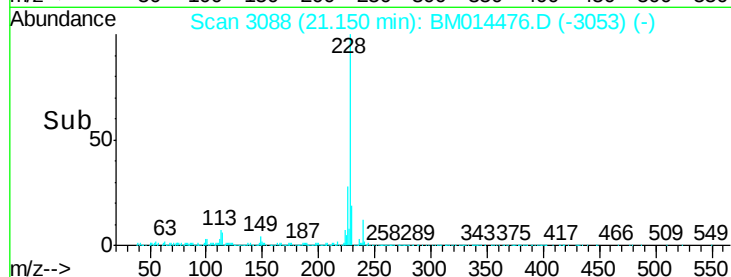
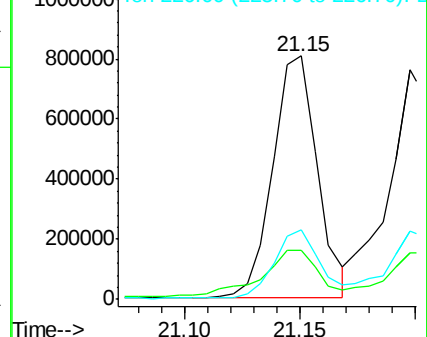
226 28.8 21.4 32.0

Manual Integrations
APPROVED

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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#81

Bis(2-ethylhexyl)phthalate

Concen: 1.652 ng/ul

RT: 21.07 min Scan# 3074

Delta R.T. -0.00 min

Lab File: BM014476.D

Acq: 05 Mar 2018 17:00

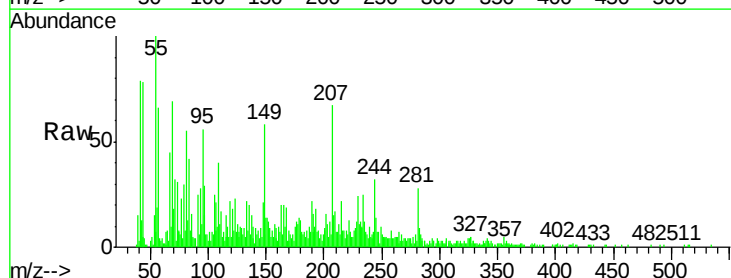
Tgt Ion:149 Resp: 23882

Ion Ratio Lower Upper

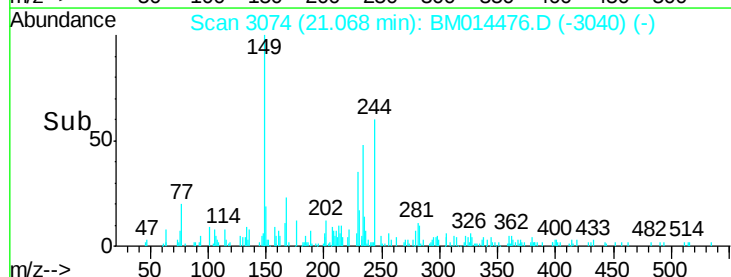
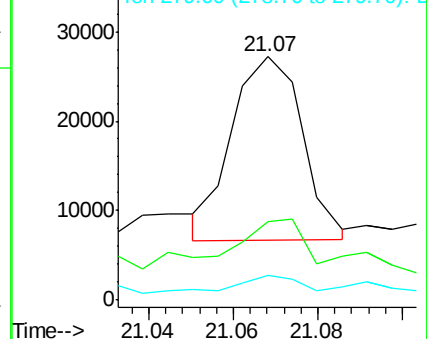
149 100

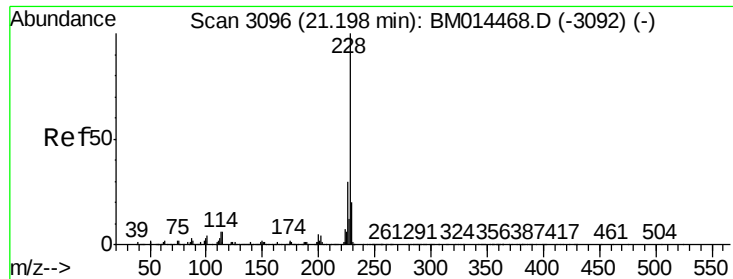
167 32.5 22.8 34.2

279 10.4 4.9 7.3#



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





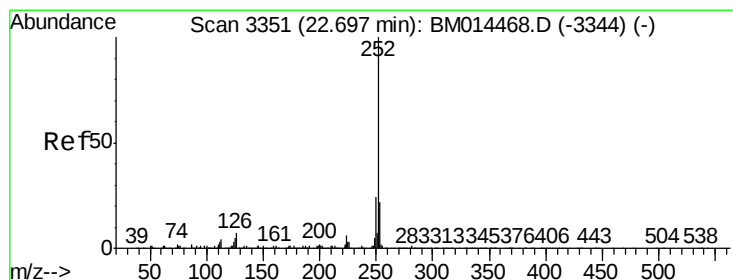
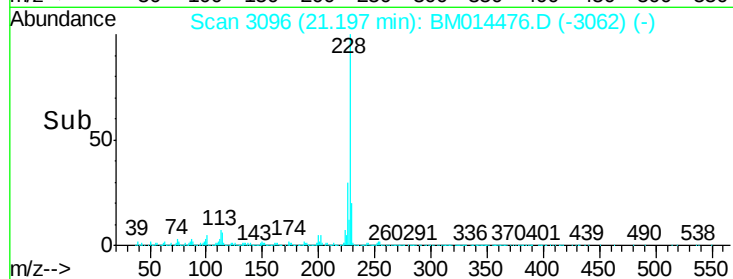
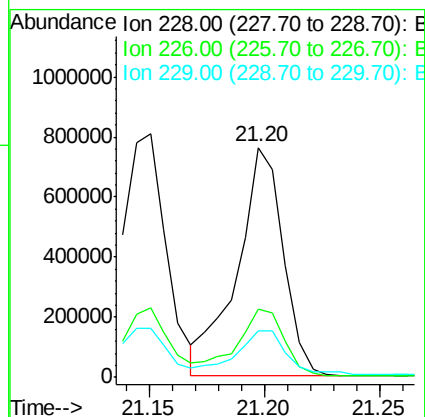
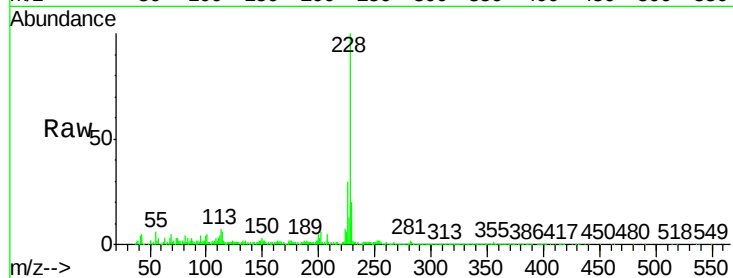
#82
Chrysene
Concen: 49.258 ng/ul
RT: 21.20 min Scan# 3096
Delta R.T. -0.00 min
Lab File: BM014476.D
Acq: 05 Mar 2018 17:00

Instrument :
BNA_M
ClientSampleId :
BE5T0

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	20.5	15.5	23.3

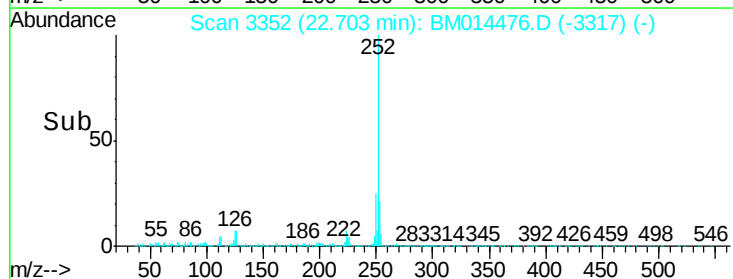
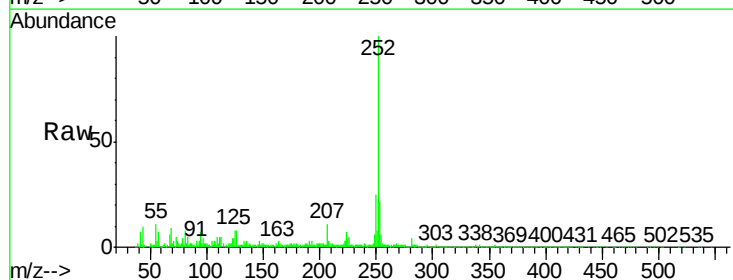
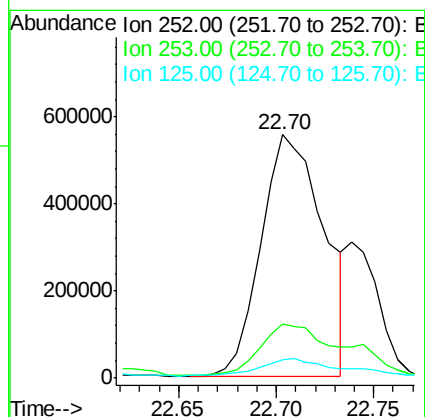
Manual Integrations
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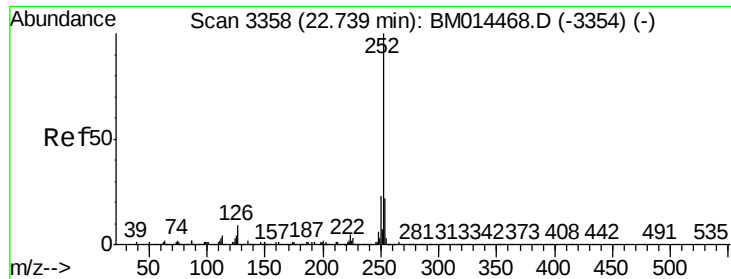
Sohil
3/6/2018 5:46:58 PM



#85
Benzo(b)fluoranthene
Concen: 51.140 ng/ul
RT: 22.70 min Scan# 3352
Delta R.T. 0.01 min
Lab File: BM014476.D
Acq: 05 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.9	26.9
125	7.6	3.6	5.4





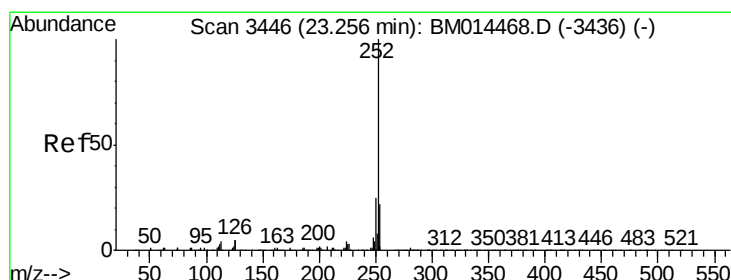
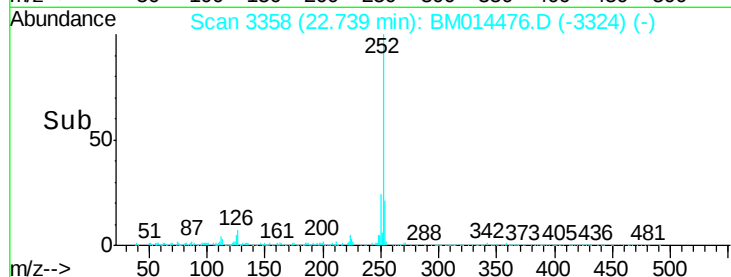
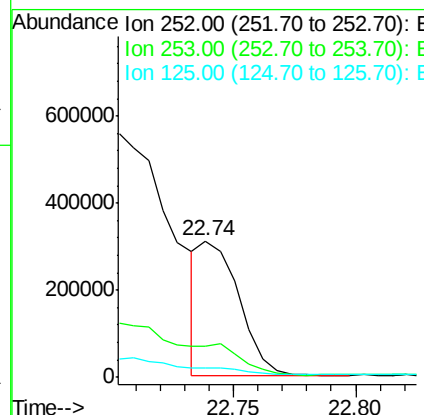
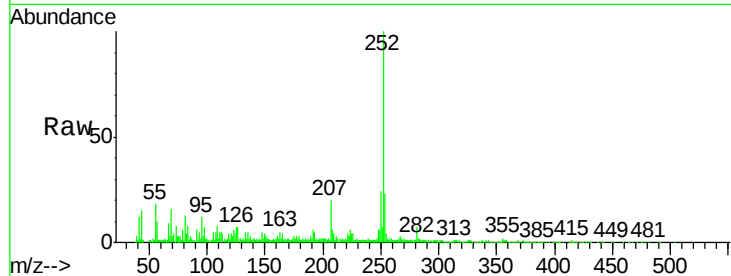
#86
Benzo(k)fluoranthene
Concen: 14.910 ng/ul m
RT: 22.74 min Scan# 3358
Delta R.T. -0.00 min
Lab File: BM014476.D
Acq: 05 Mar 2018 17:00

Instrument :
BNA_M
ClientSampled :
BE5T0

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.1	25.7
125	7.0	3.4	5.2

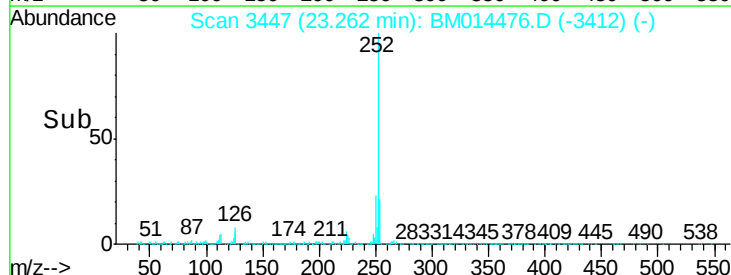
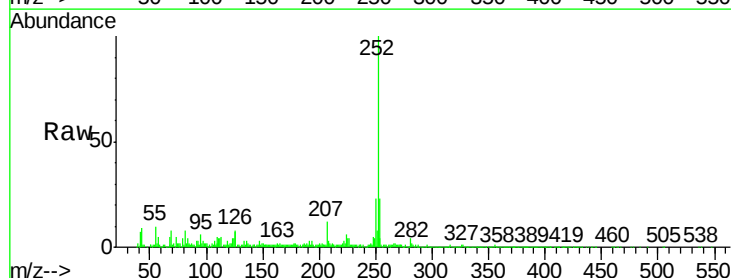
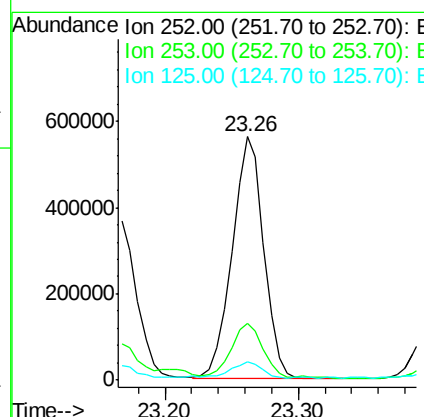
Manual Integrations
APPROVED

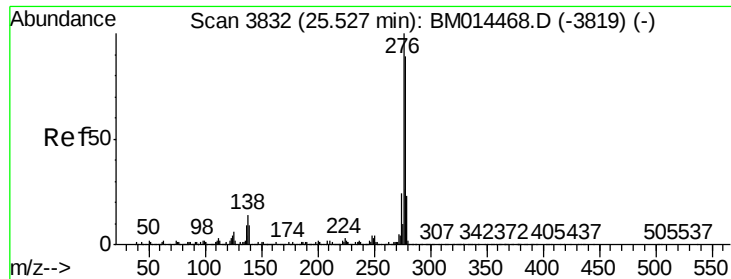
Sohil
3/6/2018 5:46:58 PM



#88
Benzo(a)pyrene
Concen: 42.933 ng/ul
RT: 23.26 min Scan# 3447
Delta R.T. 0.01 min
Lab File: BM014476.D
Acq: 05 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	7.4	4.0	6.0





#89

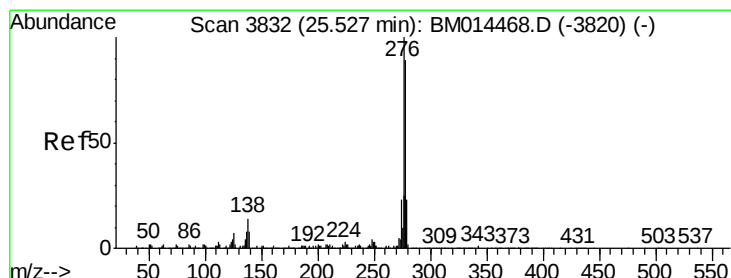
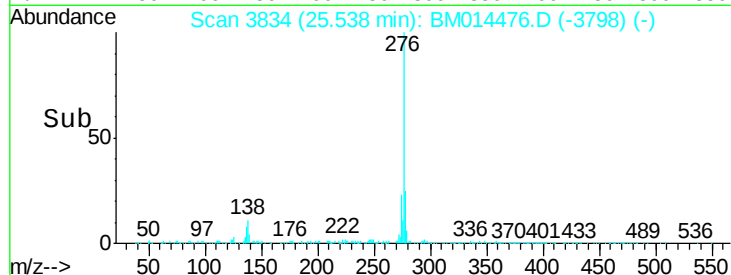
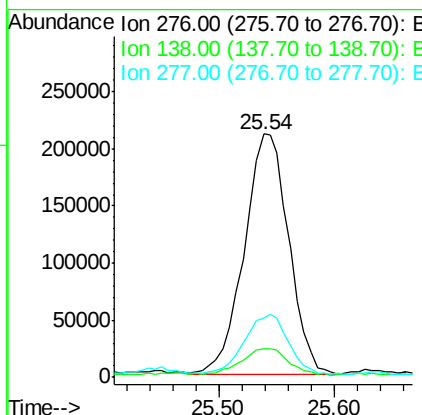
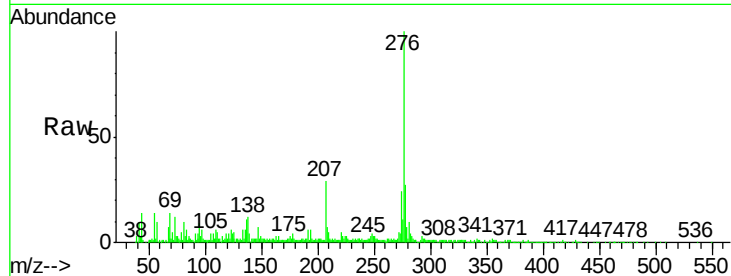
Indeno(1,2,3-cd)pyrene
Concen: 26.854 ng/ul
RT: 25.54 min Scan# 3834
Delta R.T. 0.01 min
Lab File: BM014476.D
Acq: 05 Mar 2018 17:00

Instrument :
BNA_M
ClientSampleId :
BE5T0

Tot Ion	Ratio	Lower	Upper
276	100		
138	11.6	9.3	13.9
277	24.6	19.9	29.9

Manual Integrations
APPROVED

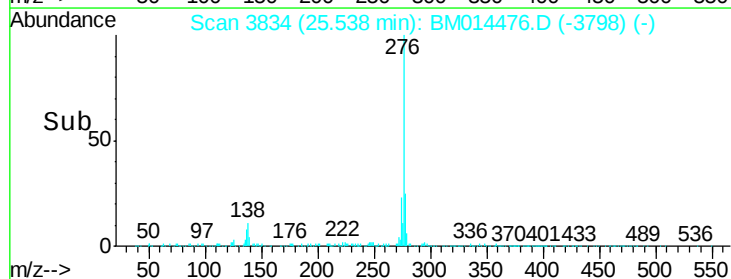
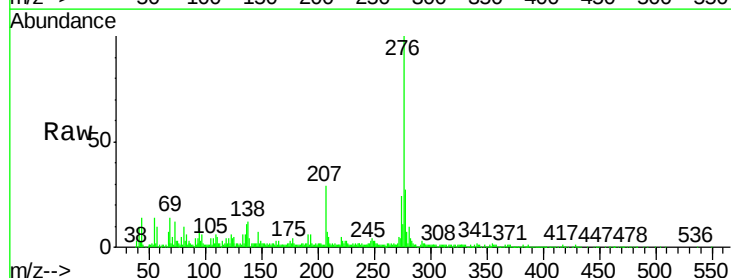
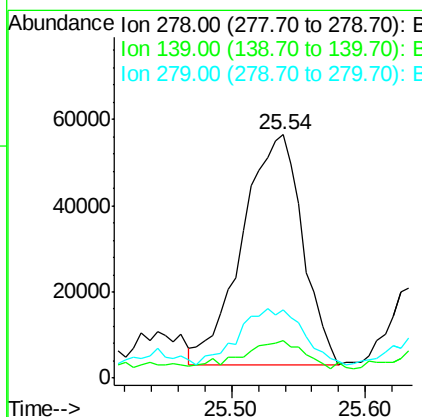
Sohil
3/6/2018 5:46:58 PM

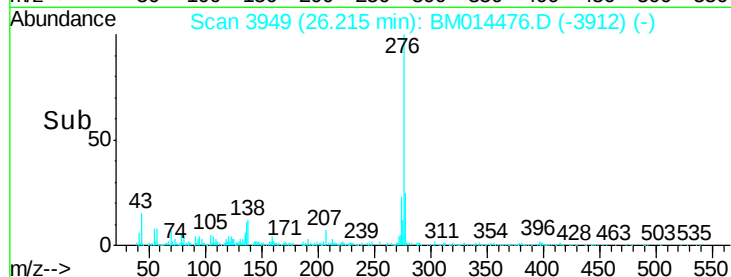
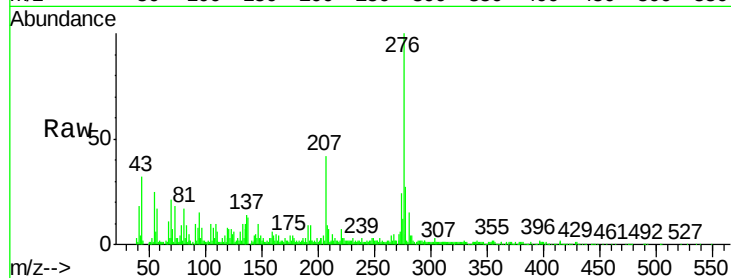
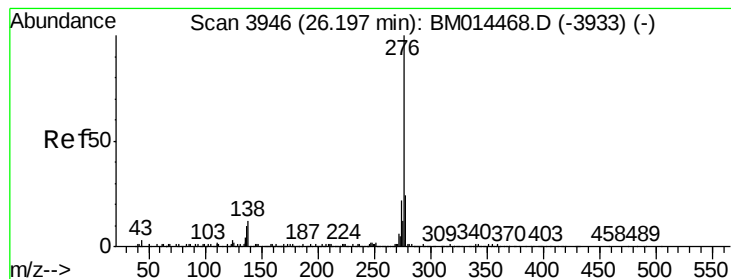


#90

Dibenzo(a,h)anthracene
Concen: 9.620 ng/ul
RT: 25.54 min Scan# 3834
Delta R.T. 0.01 min
Lab File: BM014476.D
Acq: 05 Mar 2018 17:00

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.6	5.8	8.8#
279	27.8	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 28.075 ng/ul

RT: 26.21 min Scan# 3949

Delta R.T. 0.02 min

Lab File: BM014476.D

Acq: 05 Mar 2018 17:00

Instrument :

BNA_M

ClientSampleId :

BE5T0

Tot Ion:	276	Resp:	475861
Ion Ratio	Lower	Upper	
276	100		
138	12.5	8.5	12.7
277	27.2	18.6	28.0

Manual Integrations
APPROVED

Sohil
3/6/2018 5:46:58 PM

