

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030518\
 Data File : BM014471.D
 Acq On : 05 Mar 2018 13:59
 Operator : SJ/JU
 Sample : J1678-07
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T7

Manual Integrations
 APPROVED

Sohil
 3/6/2018 5:46:51 PM

Quant Time: Mar 05 14:54:57 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 02 22:33:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	92988	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	426211	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	269227	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	550410	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	410833	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	382243	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	8676	3.99	ng/uL	0.00
5) Phenol-d5	6.73	99	263071	33.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	161777	34.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	216560	35.94	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	220201	32.02	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	113657	36.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	134249	41.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	237930	35.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	167463	25.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	830935	37.37	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	1008523	36.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	89495m	29.15	ng/ul	0.02
57) Fluorene-d10	15.18	176	677528	34.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	100911	30.56	ng/ul	0.00
70) Anthracene-d10	17.04	188	981000	36.94	ng/ul	0.00
76) Pyrene-d10	19.36	212	890279	42.01	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.21	264	641892m	34.50	ng/ul	0.01

Target Compounds

					Ovalue
6) Phenol	6.76	94	17918	2.173	ng/ul 97
28) Naphthalene	10.33	128	45711	2.088	ng/ul 97
34) 2-Methylnaphthalene	11.97	142	21162	1.270	ng/ul 89
44) Dimethylphthalate	13.65	163	117558	5.362	ng/ul 98
47) Acenaphthylene	13.90	152	81023	3.127	ng/ul 94
49) Acenaphthene	14.24	153	92084	5.047	ng/ul 92
53) Dibenzofuran	14.59	168	61791	2.258	ng/ul 99
56) Diethylphthalate	15.02	149	140801	5.763	ng/ul 92
58) Fluorene	15.23	166	101154	4.283	ng/ul 97
69) Phenanthrene	16.99	178	2000004	63.067	ng/ul 99
71) Anthracene	17.07	178	389251	12.205	ng/ul 97
72) Carbazole	17.36	167	148371	5.533	ng/ul 96
74) Fluoranthene	19.02	202	3083438	81.383	ng/ul# 95
77) Pyrene	19.39	202	2835263	103.845	ng/ul# 94
78) Butylbenzylphthalate	20.29	149	18742	1.660	ng/ul# 77
80) Benzo(a)anthracene	21.14	228	1180038	46.023	ng/ul 99
81) Bis(2-ethylhexyl)phthalate	21.07	149	482823m	29.863	ng/ul
82) Chrysene	21.20	228	1114999	46.616	ng/ul 97
85) Benzo(b)fluoranthene	22.70	252	1198350	46.821	ng/ul# 98
86) Benzo(k)fluoranthene	22.73	252	458855m	18.856	ng/ul
88) Benzo(a)pyrene	23.26	252	915013	40.007	ng/ul# 99
89) Indeno(1,2,3-cd)pyrene	25.53	276	557431	25.117	ng/ul 99
90) Dibenz(a,h)anthracene	25.52	278	161781	8.773	ng/ul# 87

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Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 22:33:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
91) Benzo(q,h,i)perylene	26.19	276	457077	25.423	ng/ul	97

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

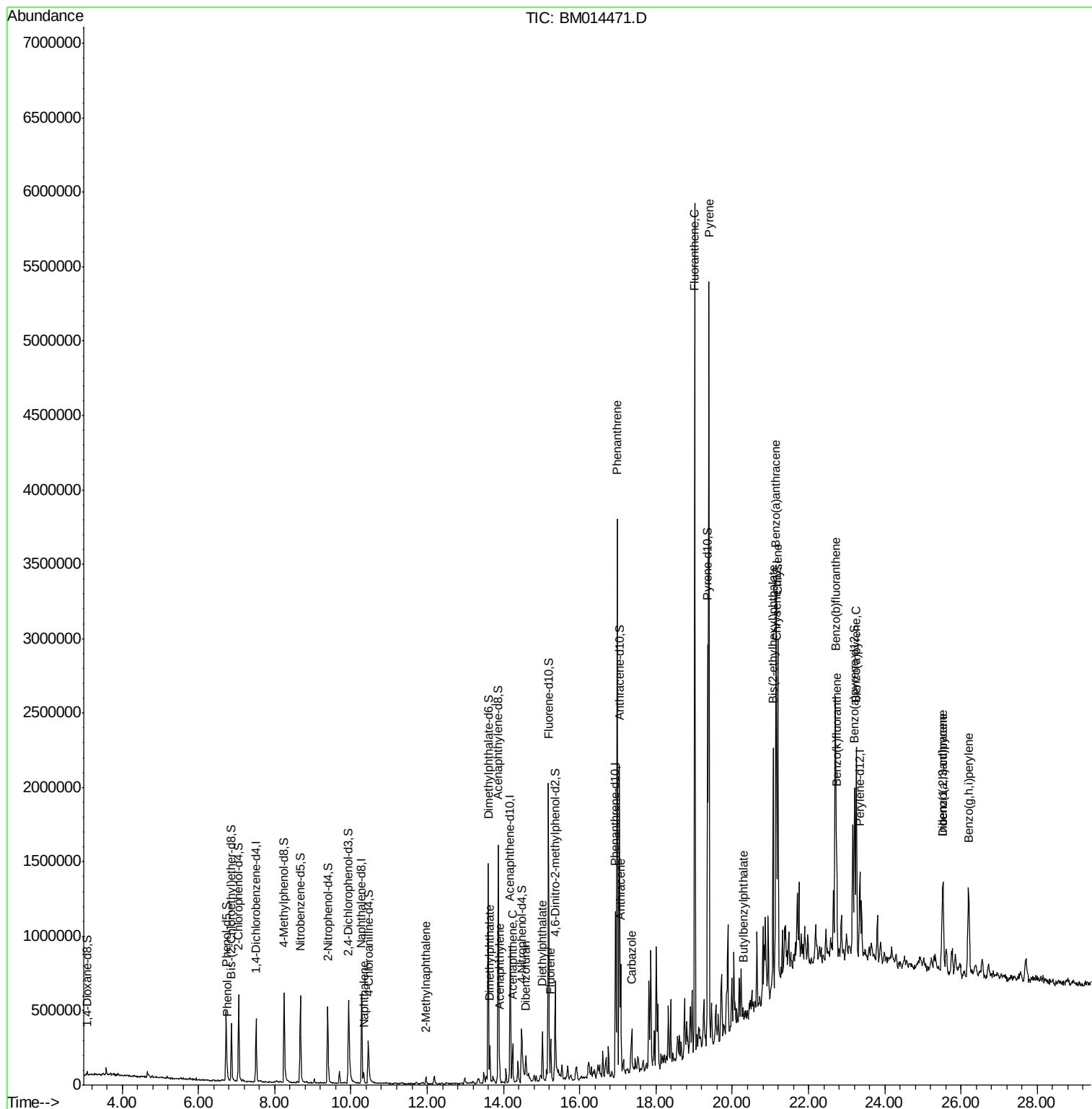
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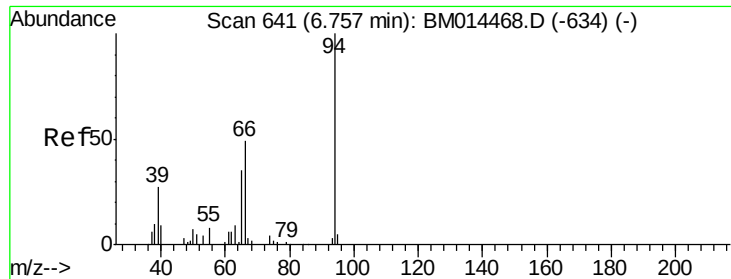
Instrument :
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#6

Phenol

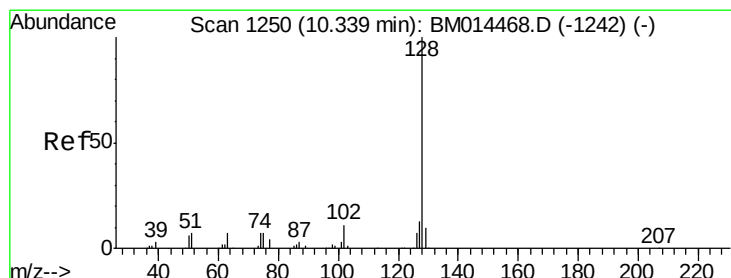
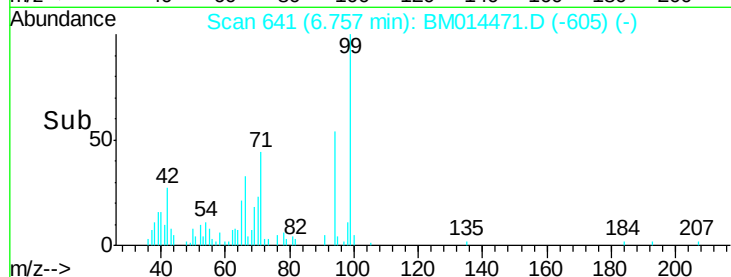
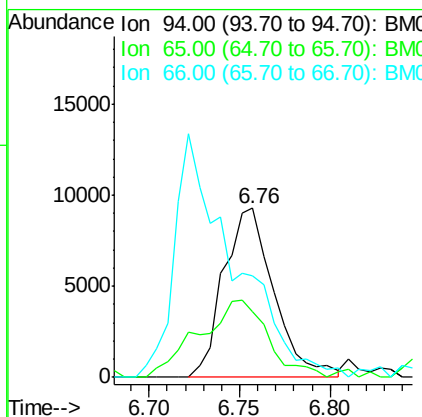
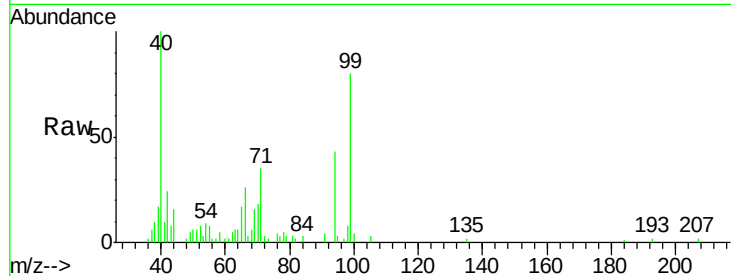
Concen: 2.173 ng/ul
 RT: 6.76 min Scan# 641
 Delta R.T. 0.01 min
 Lab File: BM014471.D
 Acq: 05 Mar 2018 13:59

Instrument :
 BNA_M
 ClientSampled :
 BE5T7

Tot Ion	Ratio	Lower	Upper
94	100		
65	39.1	28.2	42.4
66	60.2	47.2	70.8

Manual Integrations
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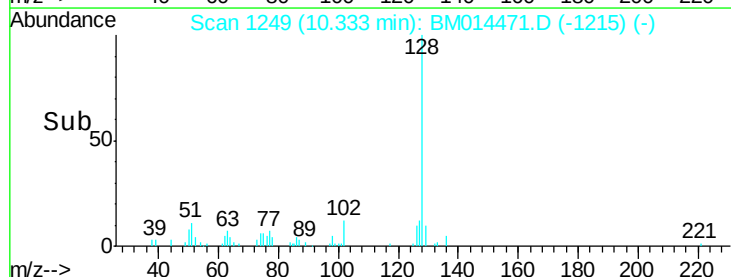
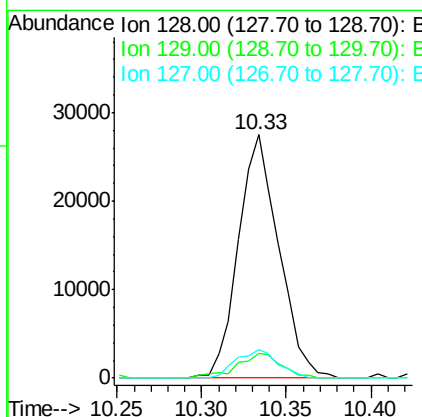
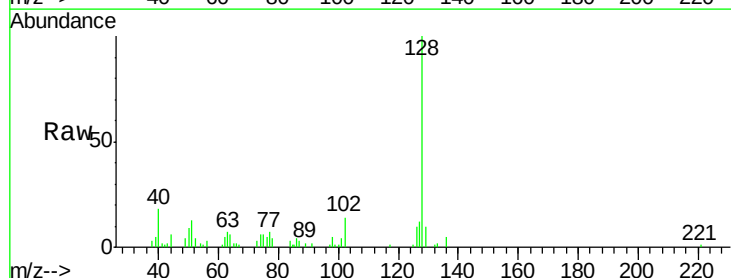


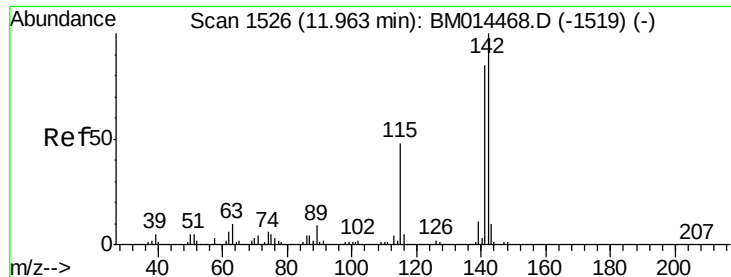
#28

Naphthalene

Concen: 2.088 ng/ul
 RT: 10.33 min Scan# 1249
 Delta R.T. 0.00 min
 Lab File: BM014471.D
 Acq: 05 Mar 2018 13:59

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.3	8.8	13.2
127	11.7	10.6	16.0





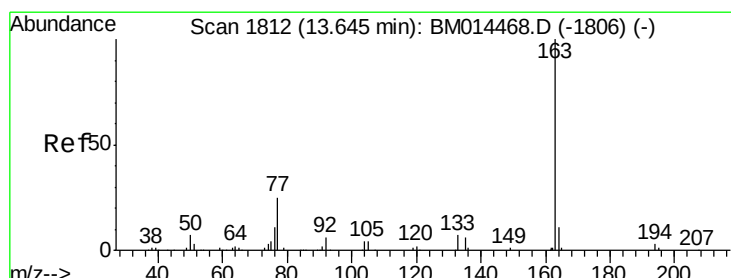
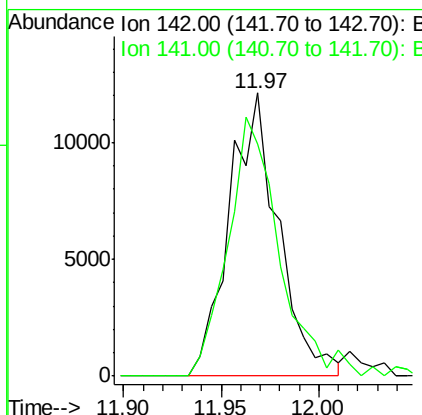
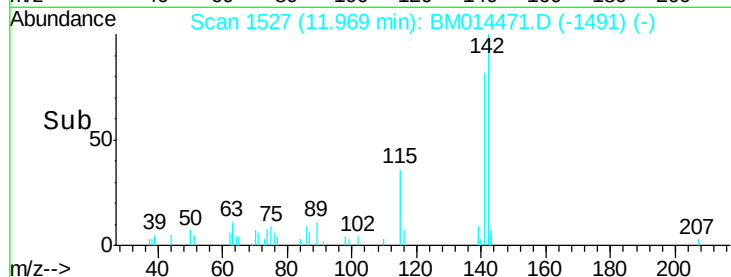
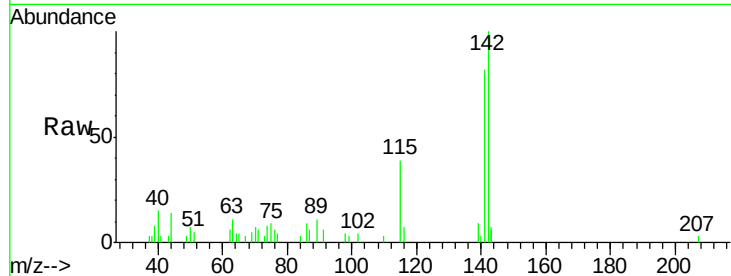
#34
2-Methylnaphthalene
Concen: 1.270 ng/ul
RT: 11.97 min Scan# 1527
Delta R.T. 0.01 min
Lab File: BM014471.D
Acq: 05 Mar 2018 13:59

Instrument :
BNA_M
ClientSampled :
BE5T7

Tot Ion:142 Resp: 21162
Ion Ratio Lower Upper
142 100
141 81.9 74.1 111.1

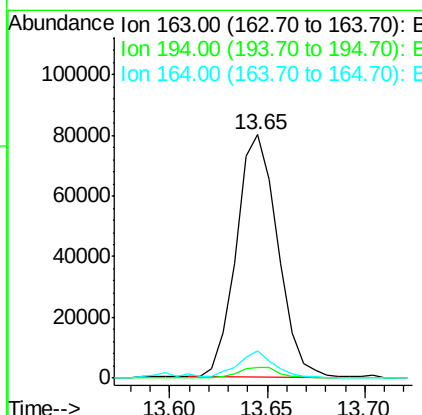
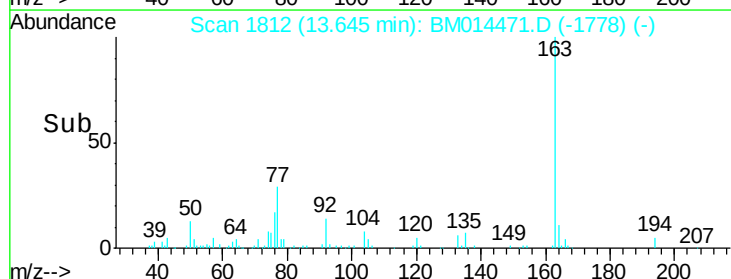
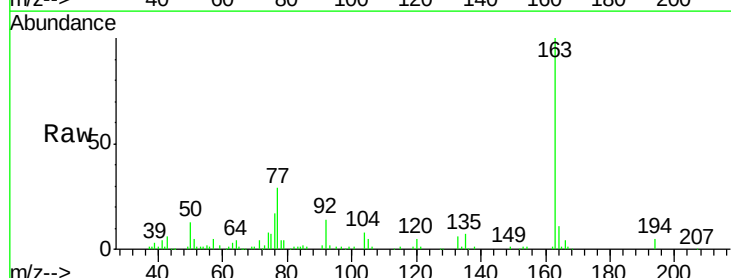
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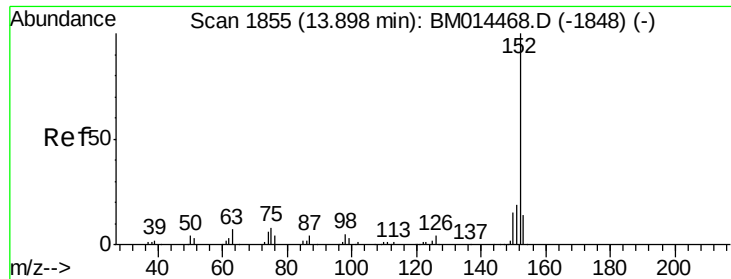
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#44
Dimethylphthalate
Concen: 5.362 ng/ul
RT: 13.65 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014471.D
Acq: 05 Mar 2018 13:59

Tgt Ion:163 Resp: 117558
Ion Ratio Lower Upper
163 100
194 4.6 3.5 5.3
164 11.2 8.2 12.4





#47

Acenaphthylene

Concen: 3.127 ng/ul

RT: 13.90 min Scan# 1855

Delta R.T. 0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_M

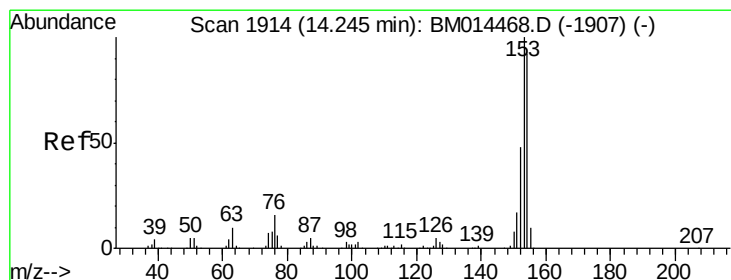
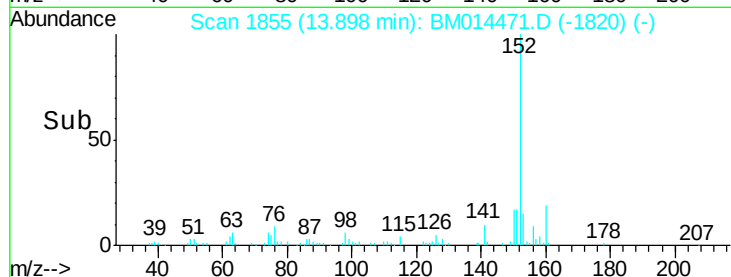
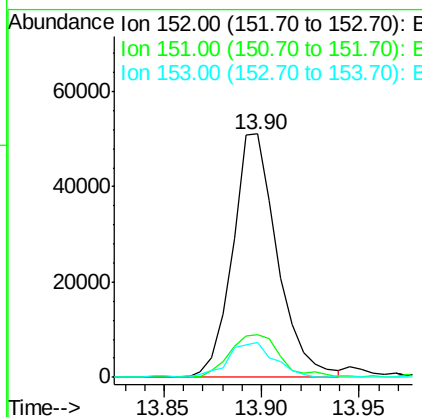
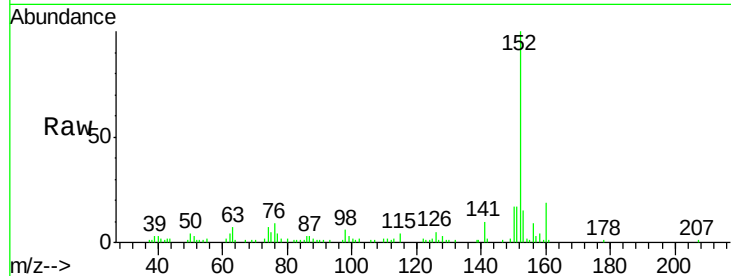
ClientSampleId :

BE5T7

Tot Ion:	152	Resp:	81023
Ion Ratio	Lower	Upper	
152	100		
151	17.3	16.3	24.5
153	14.6	10.2	15.4

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#49

Acenaphthene

Concen: 5.047 ng/ul

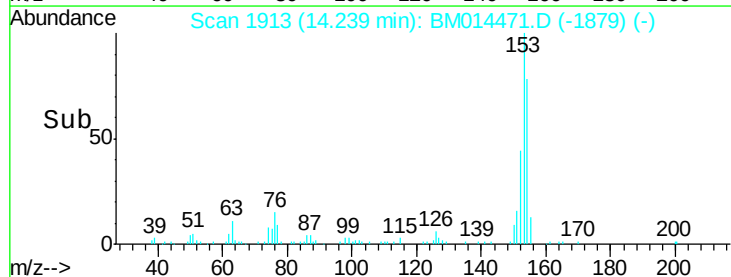
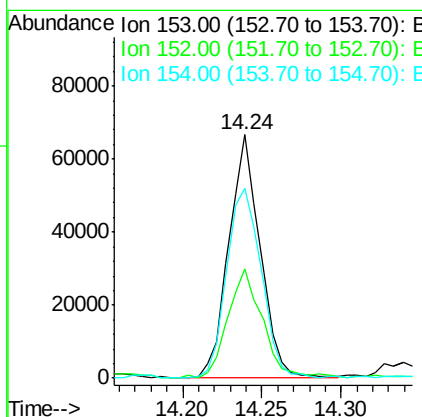
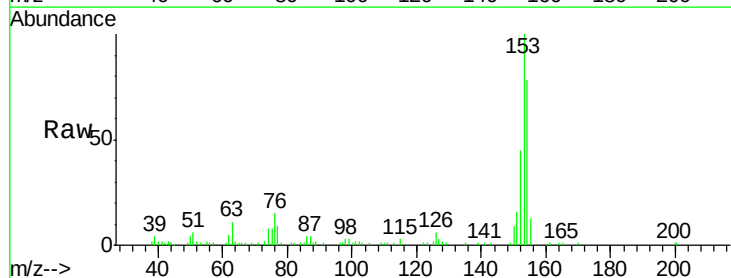
RT: 14.24 min Scan# 1913

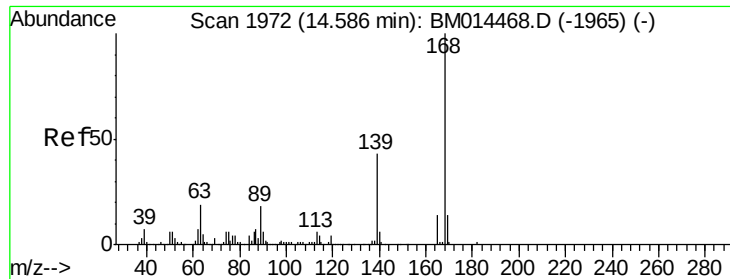
Delta R.T. 0.00 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Tgt Ion:	153	Resp:	92084
Ion Ratio	Lower	Upper	
153	100		
152	45.0	37.6	56.4
154	77.9	70.4	105.6





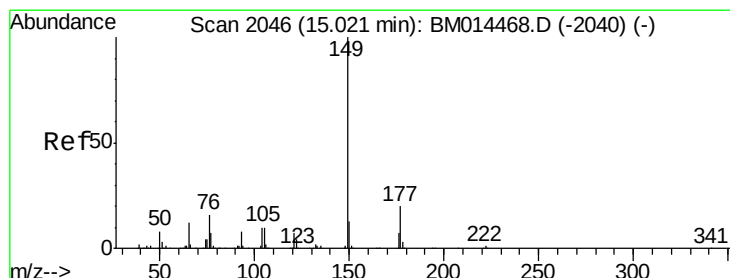
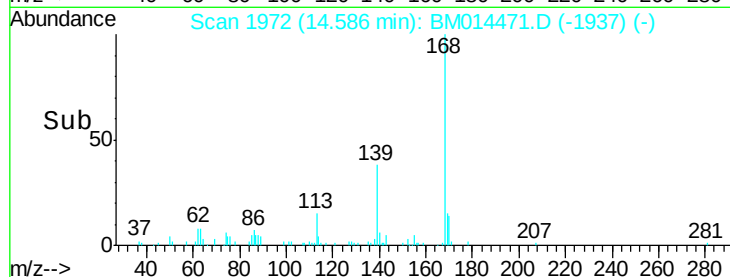
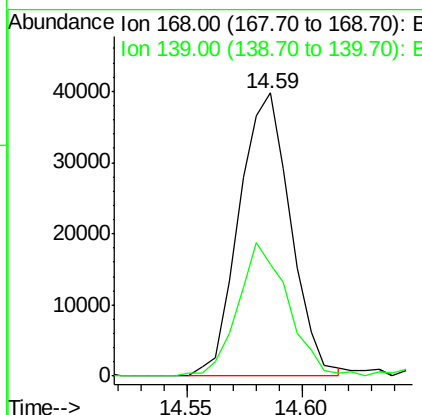
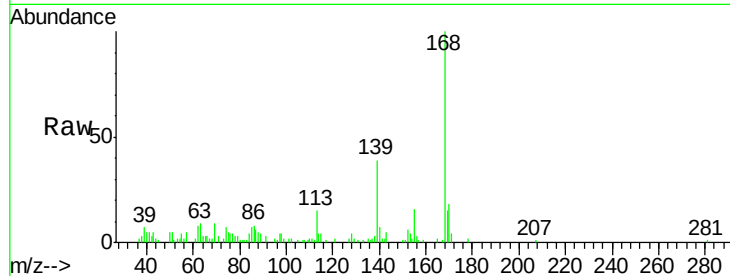
#53
Dibenzenofuran
Concen: 2.258 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BM014471.D
Acq: 05 Mar 2018 13:59

Instrument :
BNA_M
ClientSampled :
BE5T7

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.4	30.8	46.2

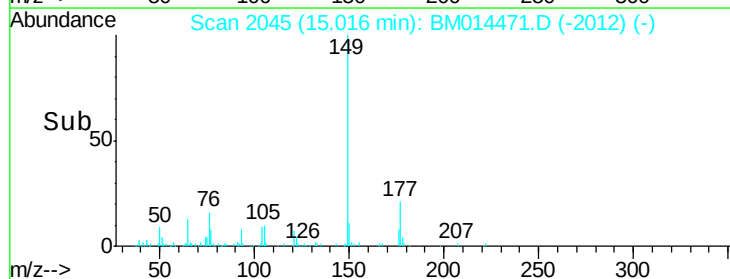
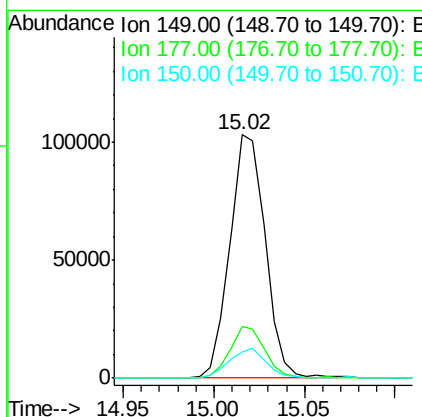
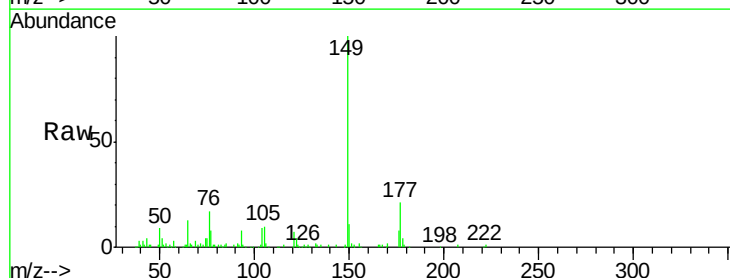
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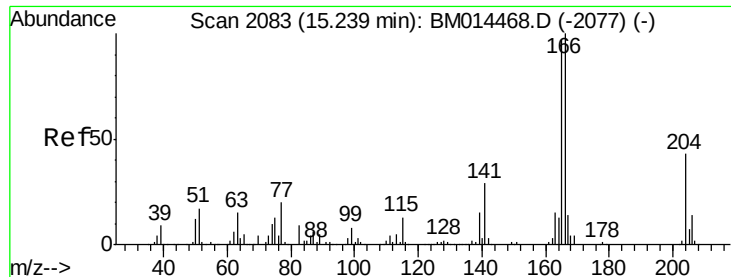
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#56
Diethylphthalate
Concen: 5.763 ng/ul
RT: 15.02 min Scan# 2045
Delta R.T. -0.01 min
Lab File: BM014471.D
Acq: 05 Mar 2018 13:59

Tgt Ion	Ratio	Lower	Upper
149	100		
177	21.0	20.5	30.7
150	10.6	10.6	15.8





#58

Fluorene

Concen: 4.283 ng/ul

RT: 15.23 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_M

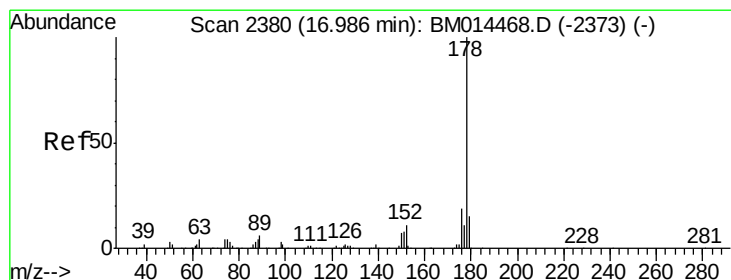
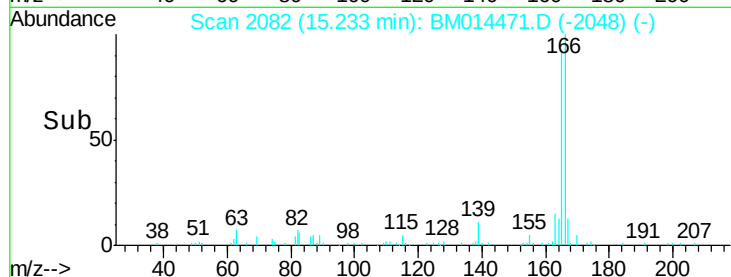
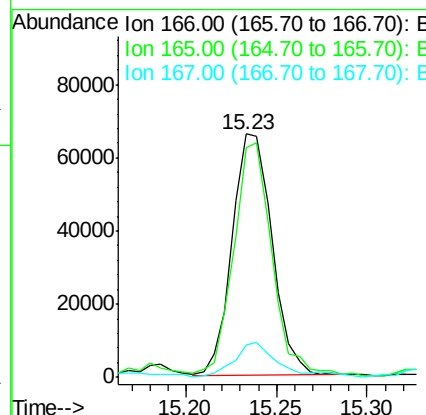
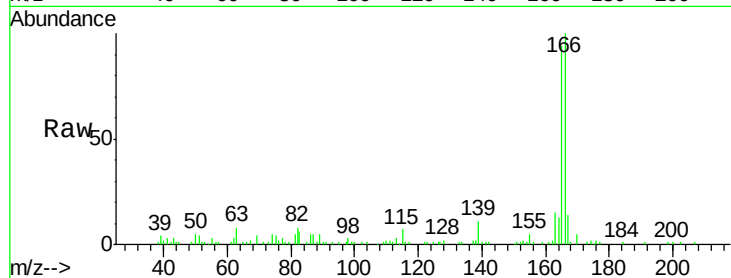
ClientSampleId :

BE5T7

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.3	77.9	116.9
167	13.5	10.6	16.0

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#69

Phenanthrene

Concen: 63.067 ng/ul

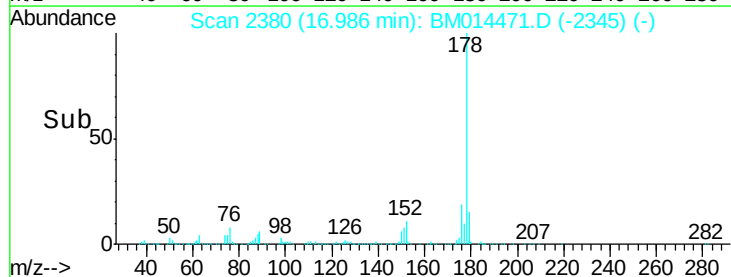
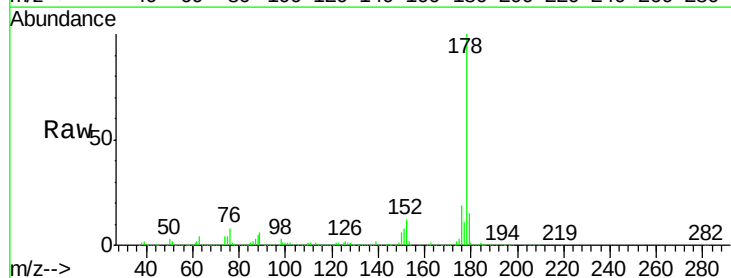
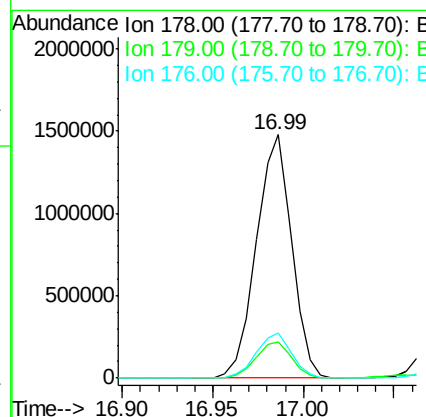
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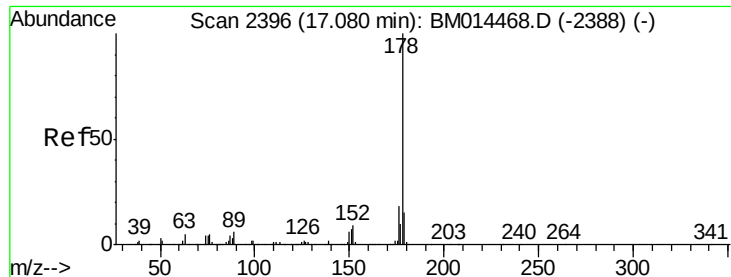
Delta R.T. 0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.7	14.9	22.3





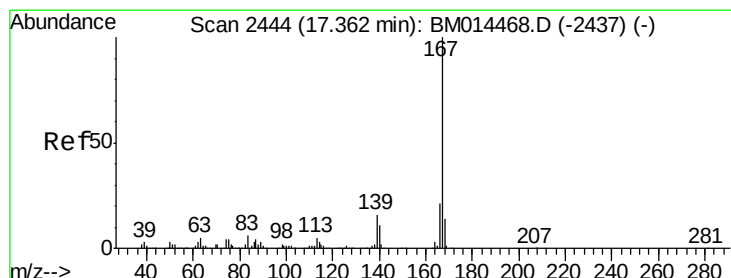
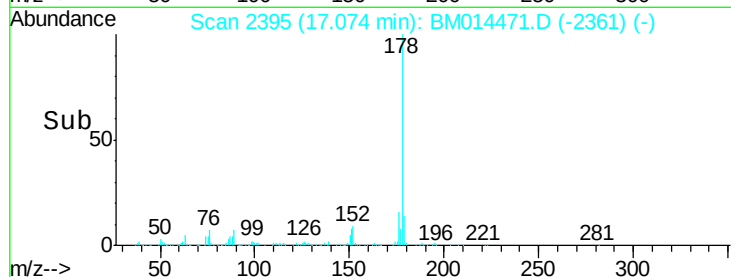
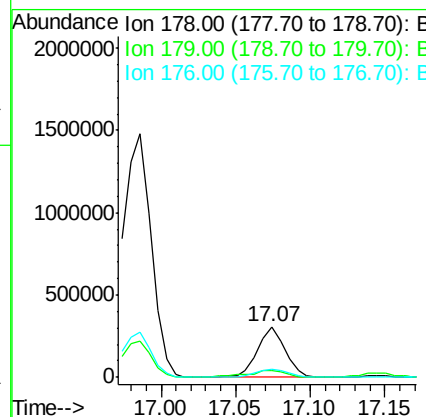
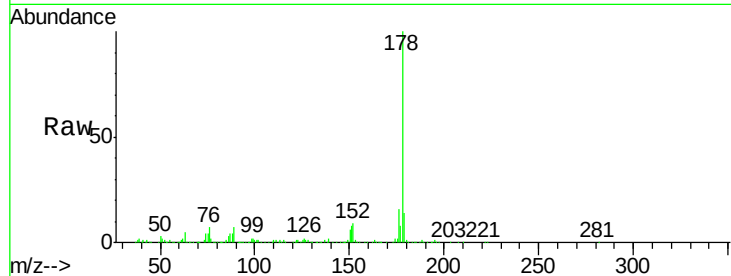
#71
 Anthracene
 Concen: 12.205 ng/ul
 RT: 17.07 min Scan# 2395
 Delta R.T. 0.00 min
 Lab File: BM014471.D
 Acq: 05 Mar 2018 13:59

Instrument :
 BNA_M
 ClientSampleId :
 BE5T7

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.3	11.7	17.5
176	16.0	14.6	21.8

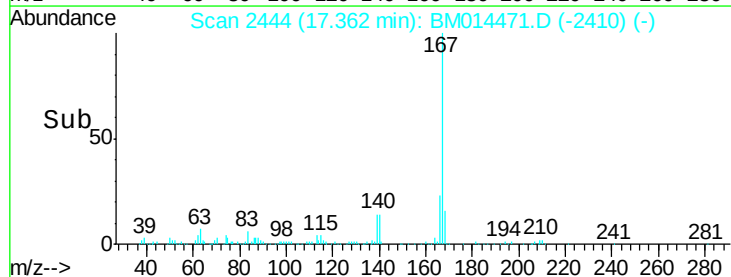
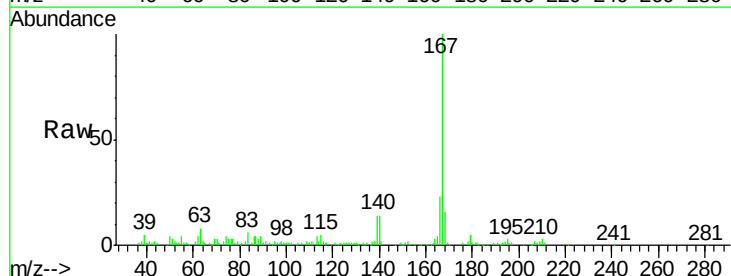
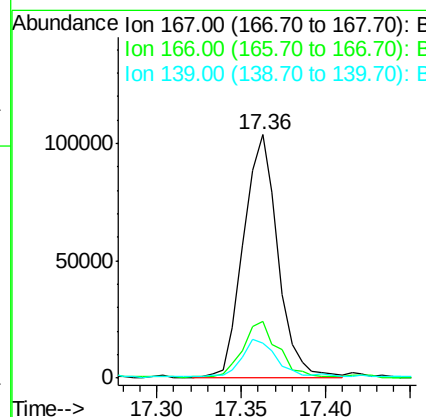
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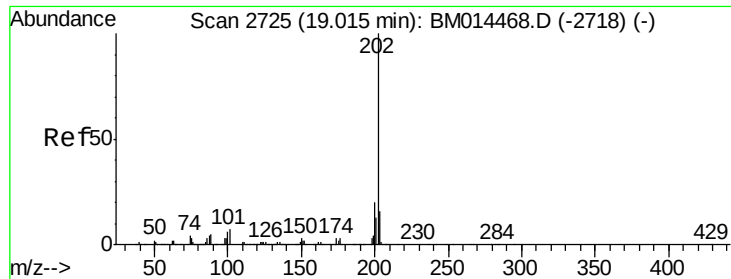
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#72
 Carbazole
 Concen: 5.533 ng/ul
 RT: 17.36 min Scan# 2444
 Delta R.T. 0.00 min
 Lab File: BM014471.D
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Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.4	17.1	25.7
139	14.3	10.0	15.0





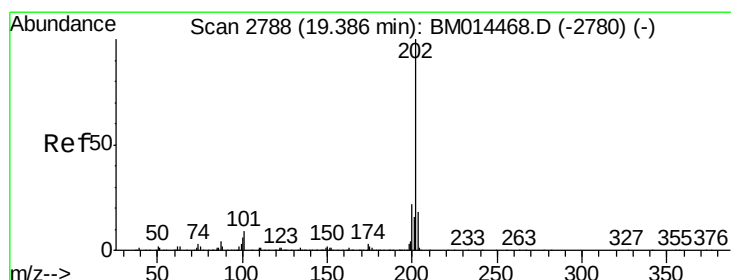
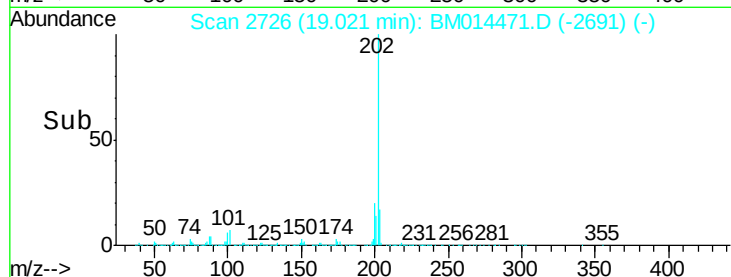
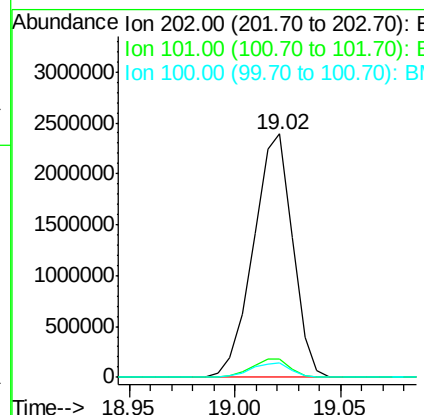
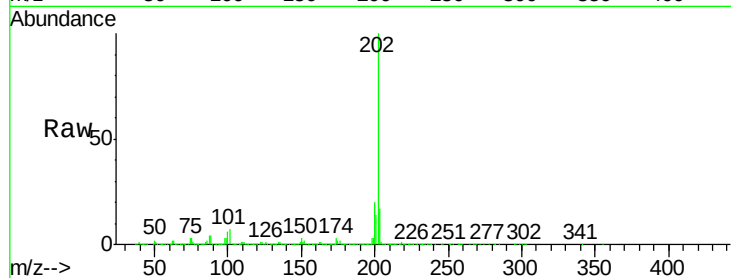
#74
 Fluoranthene
 Concen: 81.383 ng/ul
 RT: 19.02 min Scan# 2726
 Delta R.T. 0.01 min
 Lab File: BM014471.D
 Acq: 05 Mar 2018 13:59

Instrument :
 BNA_M
 ClientSampleId :
 BE5T7

Tot Ion	Ratio	Lower	Upper
202	100		
101	7.3	4.6	7.0#
100	6.2	3.4	5.2#

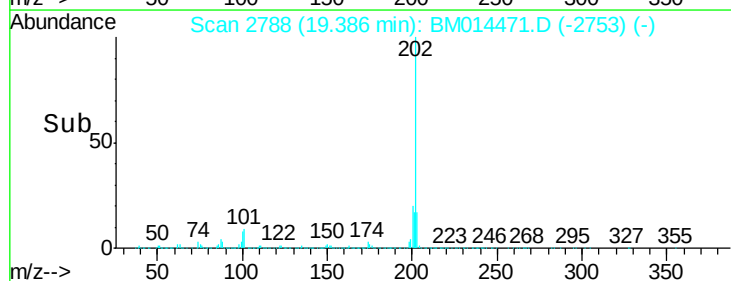
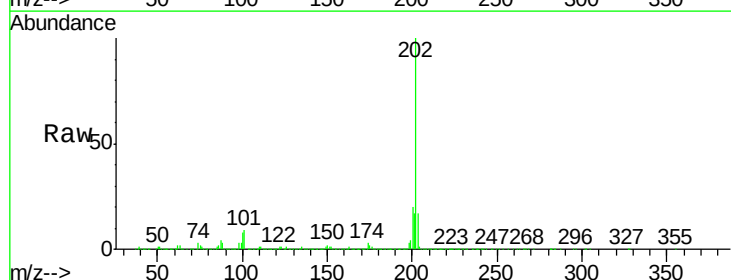
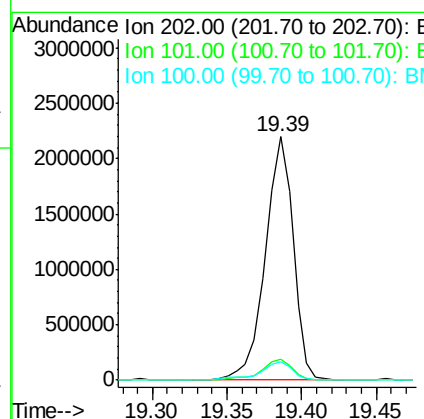
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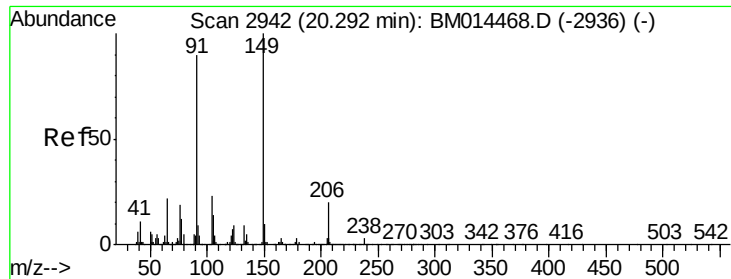
Sohil
 3/6/2018 5:46:51 PM



#77
 Pyrene
 Concen: 103.845 ng/ul
 RT: 19.39 min Scan# 2788
 Delta R.T. 0.01 min
 Lab File: BM014471.D
 Acq: 05 Mar 2018 13:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	5.1	7.7#
100	7.7	4.9	7.3#





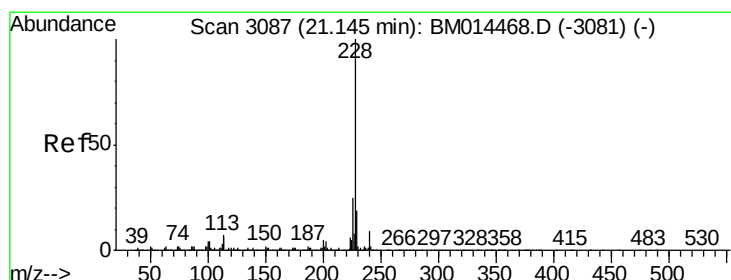
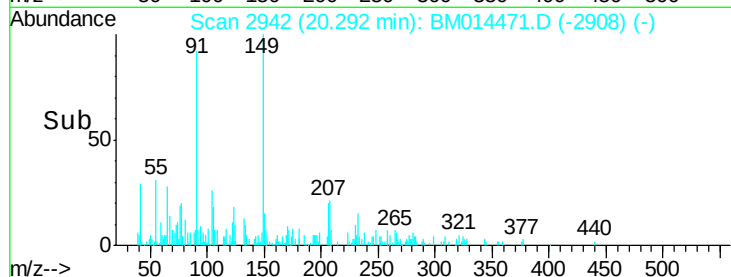
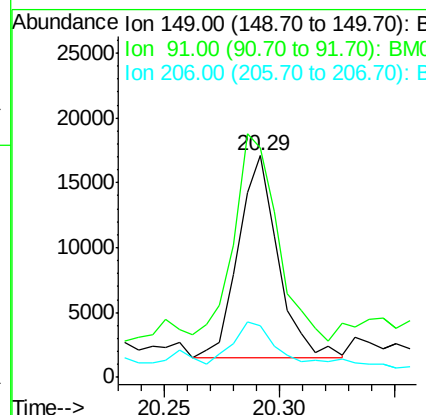
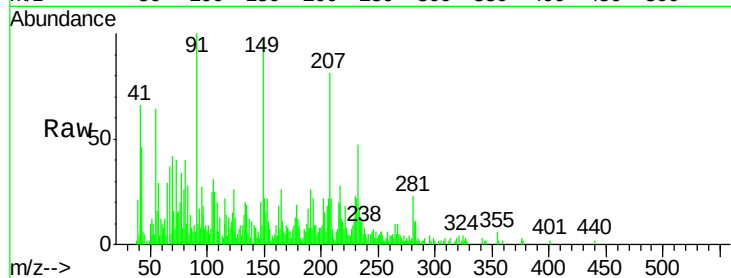
#78
Butylbenzylphthalate
Concen: 1.660 ng/ul
RT: 20.29 min Scan# 2942
Delta R.T. 0.00 min
Lab File: BM014471.D
Acq: 05 Mar 2018 13:59

Instrument :
BNA_M
ClientSampled :
BE5T7

Tot Ion	Ratio	Lower	Upper
149	100		
91	103.7	62.7	94.1#
206	23.0	20.8	31.2

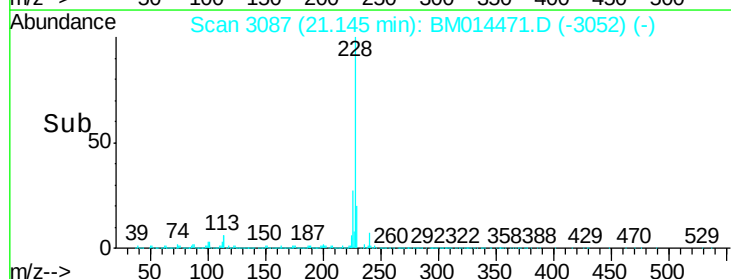
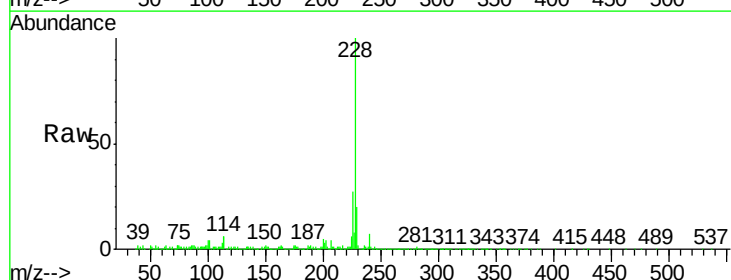
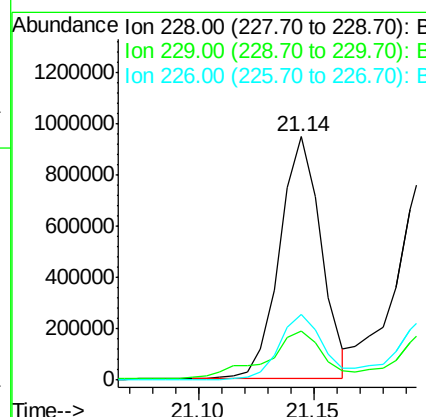
Manual Integrations
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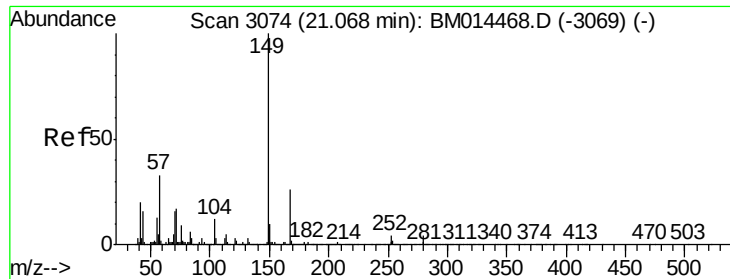
Sohil
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#80
Benzo(a)anthracene
Concen: 46.023 ng/ul
RT: 21.14 min Scan# 3087
Delta R.T. 0.01 min
Lab File: BM014471.D
Acq: 05 Mar 2018 13:59

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	26.8	21.4	32.0





#81

Bis(2-ethylhexyl)phthalate

Concen: 29.863 ng/ul m

RT: 21.07 min Scan# 3074

Delta R.T. 0.00 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_M

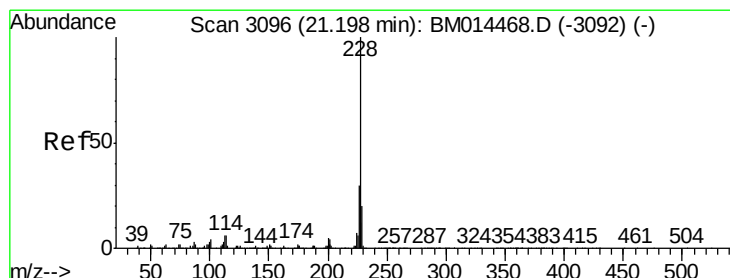
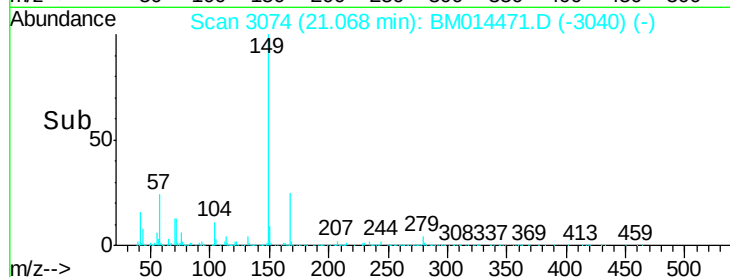
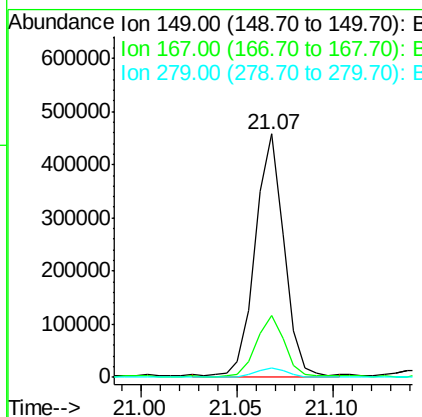
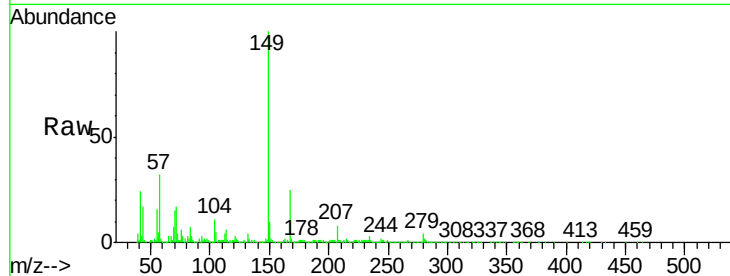
ClientSampleId :

BE5T7

Tot Ion:	149	Resp:	482823
Ion Ratio		Lower	Upper
149	100		
167	25.3	22.8	34.2
279	4.0	4.9	7.3#

Manual Integrations
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#82

Chrysene

Concen: 46.616 ng/ul

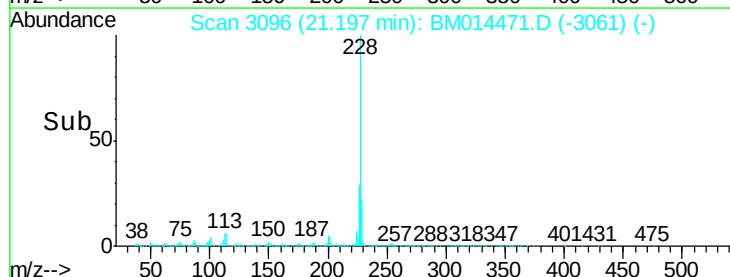
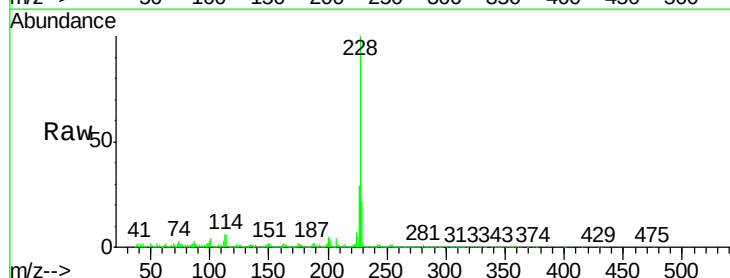
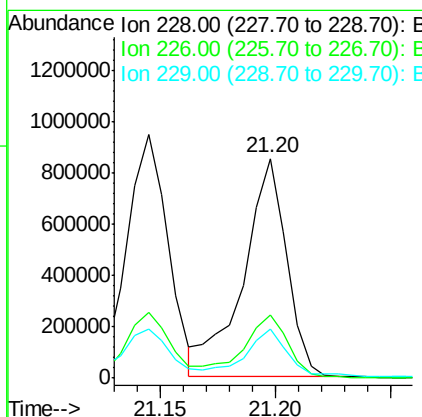
RT: 21.20 min Scan# 3096

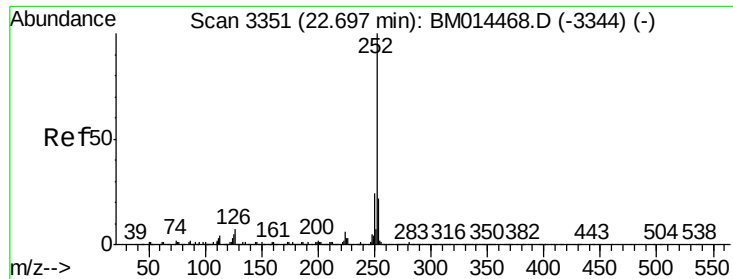
Delta R.T. 0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Tgt Ion:	228	Resp:	1114999
Ion Ratio		Lower	Upper
228	100		
226	29.0	23.4	35.2
229	22.4	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 46.821 ng/ul

RT: 22.70 min Scan# 3351

Delta R.T. 0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_M

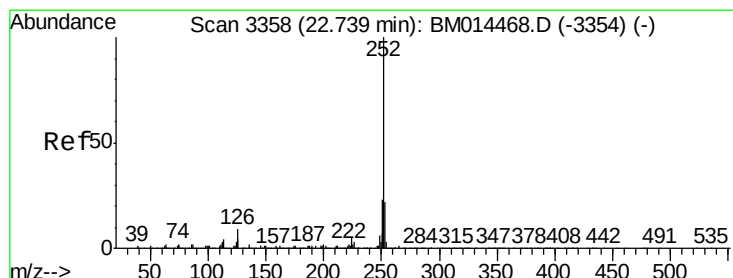
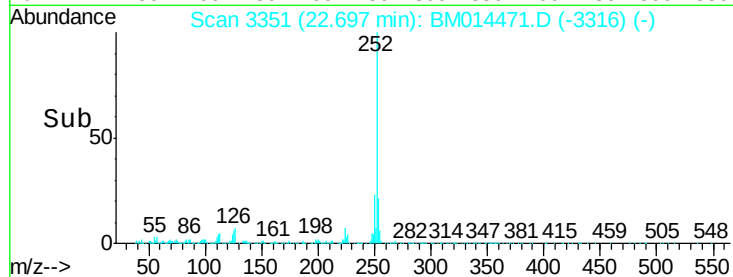
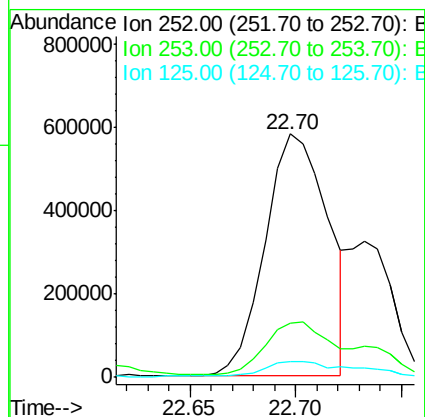
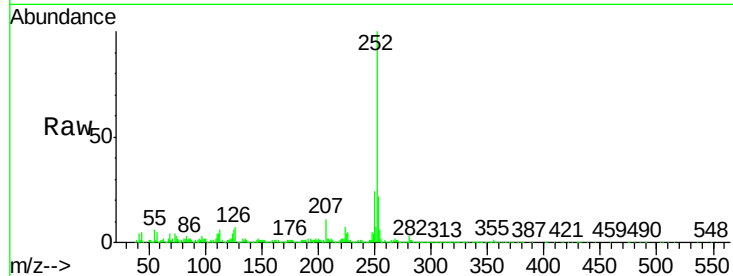
ClientSampled :

BE5T7

Tot Ion:	252	Resp:	1198350
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.9	26.9
125	6.2	3.6	5.4#

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 18.856 ng/ul m

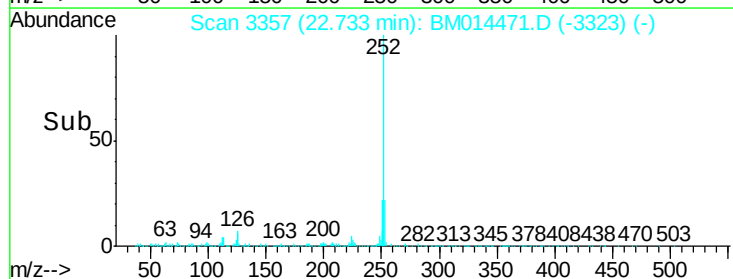
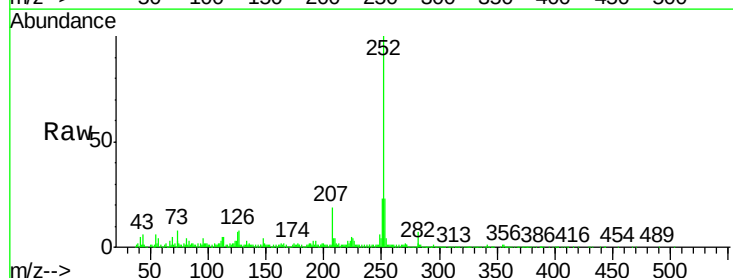
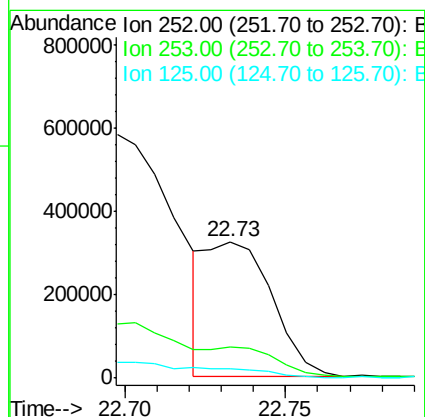
RT: 22.73 min Scan# 3357

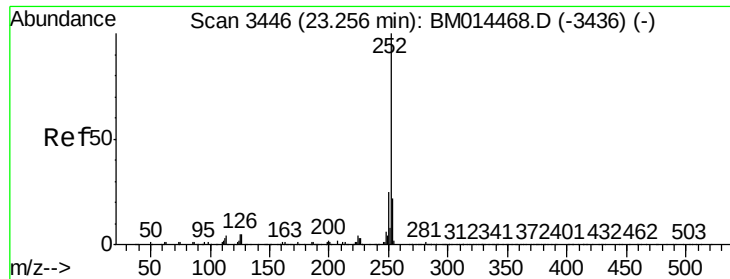
Delta R.T. 0.00 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Tgt Ion:	252	Resp:	458855
Ion Ratio	Lower	Upper	
252	100		
253	23.0	17.1	25.7
125	6.7	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 40.007 ng/ul

RT: 23.26 min Scan# 3446

Delta R.T. 0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Instrument :

BNA_M

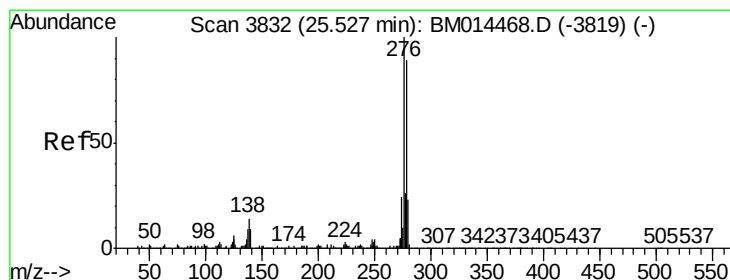
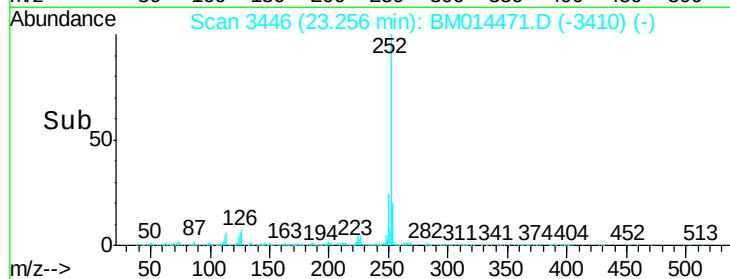
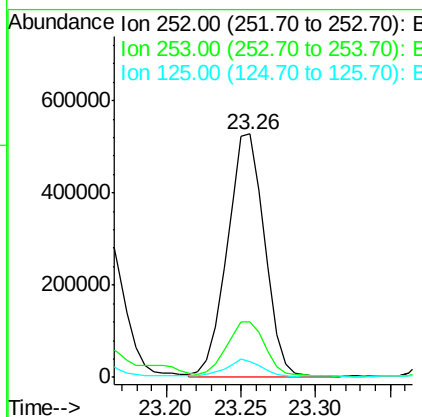
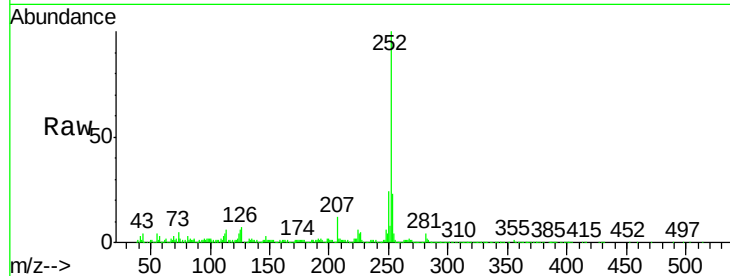
ClientSampleId :

BE5T7

Tot Ion:	252	Resp:	915013
Ion Ratio	Lower	Upper	
252	100		
253	22.6	18.2	27.2
125	6.4	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 25.117 ng/ul

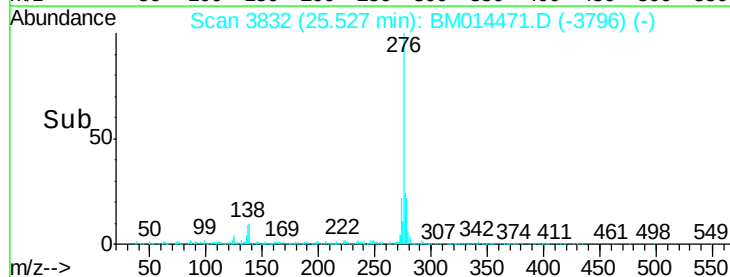
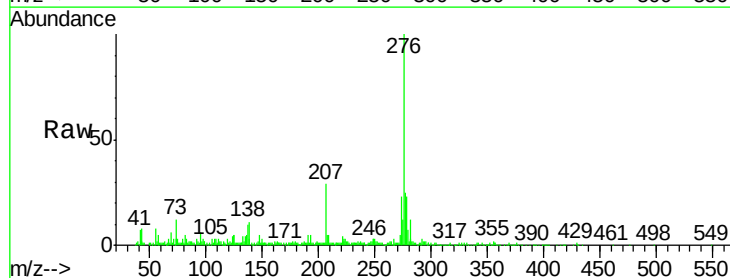
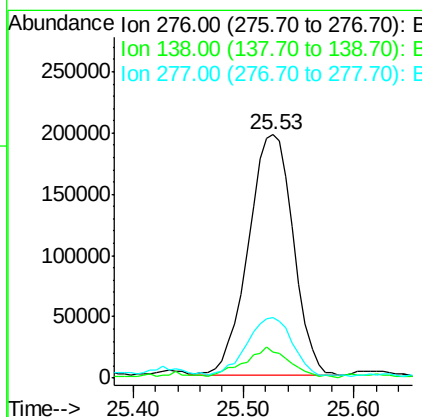
RT: 25.53 min Scan# 3832

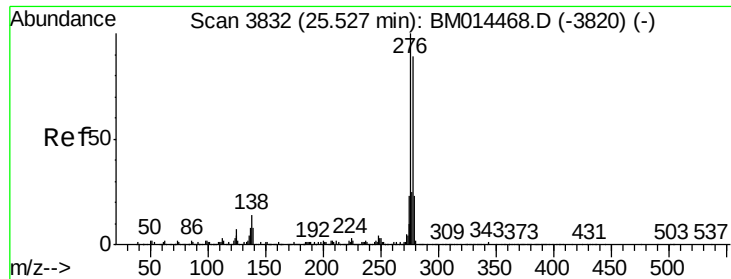
Delta R.T. 0.01 min

Lab File: BM014471.D

Acq: 05 Mar 2018 13:59

Tgt Ion:	276	Resp:	557431
Ion Ratio	Lower	Upper	
276	100		
138	10.8	9.3	13.9
277	25.0	19.9	29.9





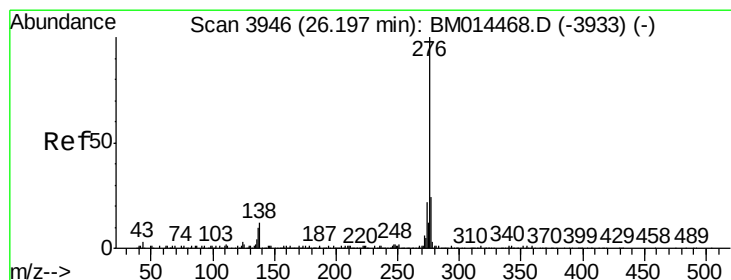
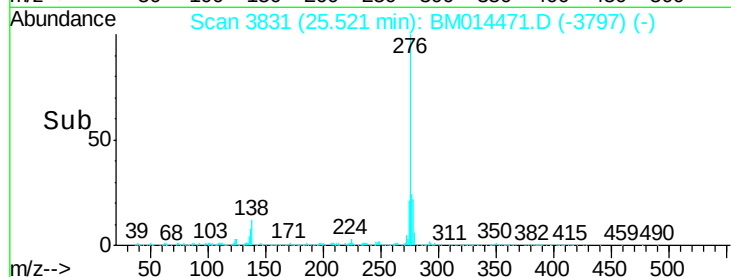
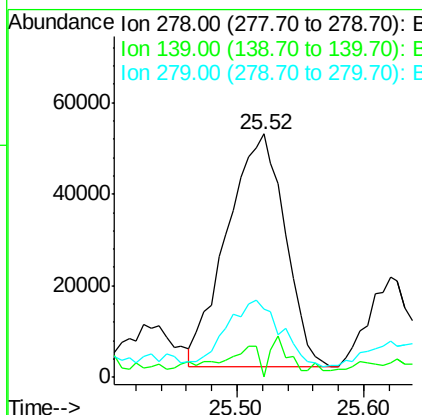
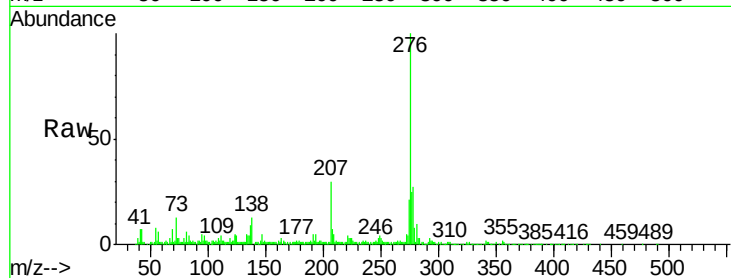
#90
Dibenzo(a,h)anthracene
Concen: 8.773 ng/ul
RT: 25.52 min Scan# 3831
Delta R.T. 0.00 min
Lab File: BM014471.D
Acq: 05 Mar 2018 13:59

Instrument :
BNA_M
ClientSampleId :
BE5T7

Tot Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	28.2	18.6	27.8#

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 25.423 ng/ul
RT: 26.19 min Scan# 3945
Delta R.T. 0.01 min
Lab File: BM014471.D
Acq: 05 Mar 2018 13:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.5	8.5	12.7
277	24.2	18.6	28.0

