

Data Path : Z:\HPCHEM1\BNA_M\Data\BM030118\
 Data File : BM014444.D
 Acq On : 01 Mar 2018 21:59
 Operator : SJ/JU
 Sample : J1679-05
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE610

Manual Integrations
 APPROVED

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Quant Time: Mar 08 11:27:39 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	92271	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	454573	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	284839	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	642049	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	696545	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	571775	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	6064m	2.81	ng/uL	0.00
5) Phenol-d5	6.72	99	142477	18.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	84724	17.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	116856	19.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	119509	17.51	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	62187	18.51	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	64755	18.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	119687	16.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	113186	15.95	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	412026	17.52	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	528389	18.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.47	143	39490m	12.16	ng/ul	0.04
57) Fluorene-d10	15.17	176	357779	16.98	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	11705	3.04	ng/ul	0.01
70) Anthracene-d10	17.03	188	553124	17.86	ng/ul	0.00
76) Pyrene-d10	19.34	212	628894	17.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	489415	17.59	ng/ul	0.01

Target Compounds

					Qvalue	
28) Naphthalene	10.33	128	50425	2.160	ng/ul	96
44) Dimethylphthalate	13.65	163	88034	3.795	ng/ul#	97
49) Acenaphthene	14.24	153	65837	3.410	ng/ul	93
53) Dibenzofuran	14.58	168	52239	1.805	ng/ul	93
58) Fluorene	15.23	166	80460	3.220	ng/ul	94
69) Phenanthrene	16.98	178	1147777	31.027	ng/ul	99
71) Anthracene	17.07	178	217805	5.855	ng/ul	99
72) Carbazole	17.36	167	123942	3.962	ng/ul	99
74) Fluoranthene	19.01	202	1529729	34.612	ng/ul#	93
77) Pyrene	19.38	202	1354360	29.258	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	690080	15.874	ng/ul	98
82) Chrysene	21.19	228	662957	16.348	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	719701	18.798	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	202176m	5.554	ng/ul	
88) Benzo(a)pyrene	23.24	252	455533	13.315	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	266800	8.037	ng/ul	96
90) Dibenzo(a,h)anthracene	25.49	278	79979	2.899	ng/ul#	73
91) Benzo(g,h,i)perylene	26.16	276	231355	8.603	ng/ul	95

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

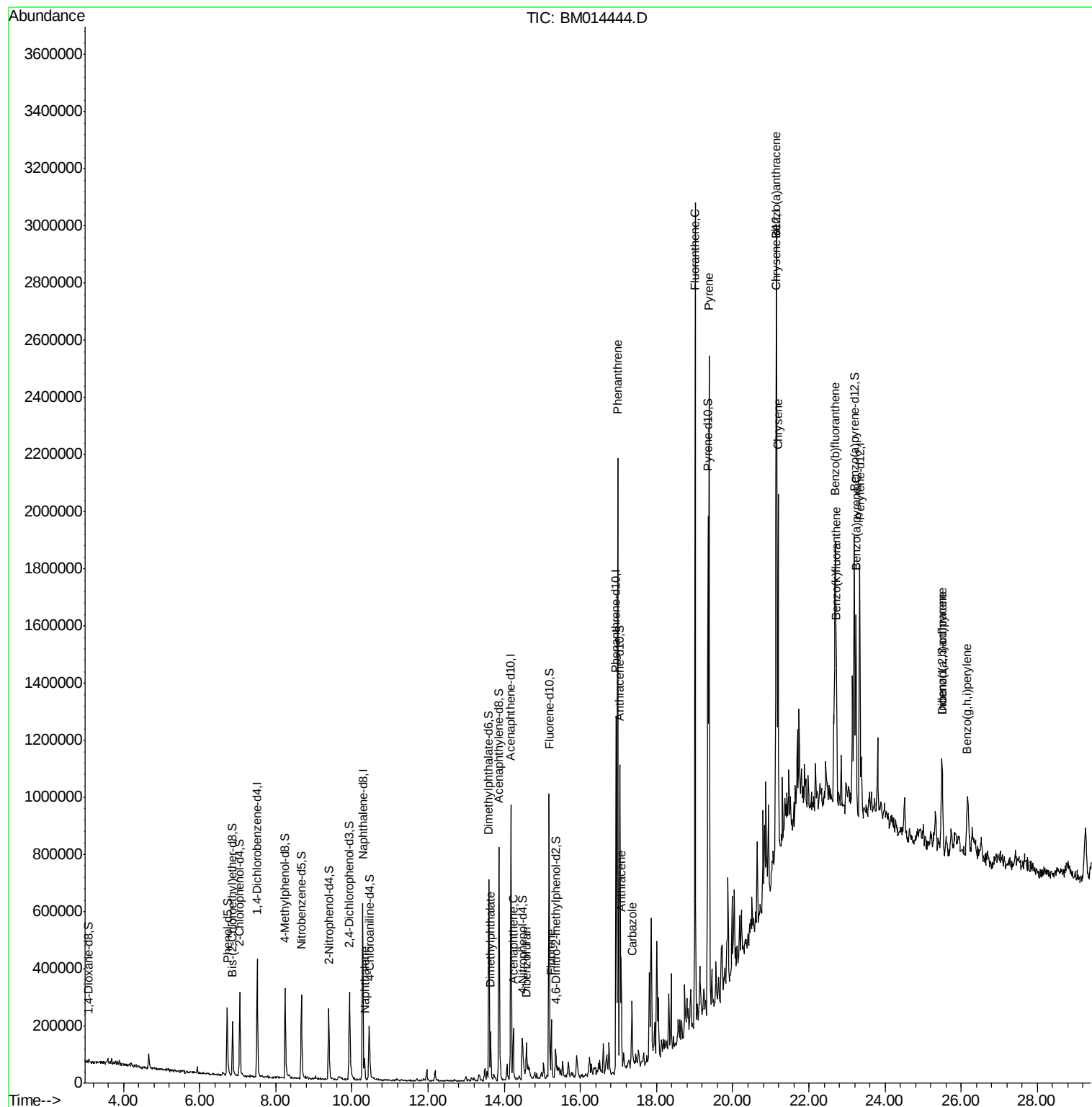
Data Path : Z:\HPCHEM1\BNA_M\Data\BM030118\
Data File : BM014444.D
Acq On : 01 Mar 2018 21:59
Operator : SJ/JU
Sample : J1679-05
Misc :
ALS Vial : 8 Sample Multiplier: 1

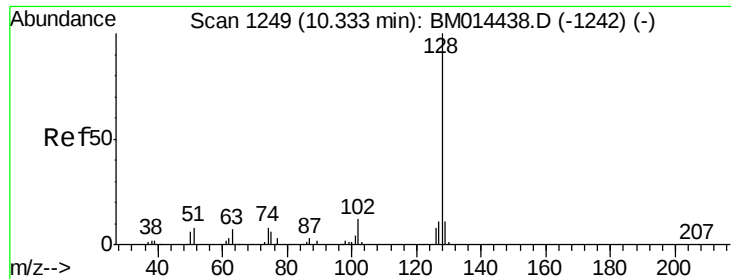
Instrument :
BNA_M
ClientSampleId :
BE610

Quant Time: Mar 08 11:27:39 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
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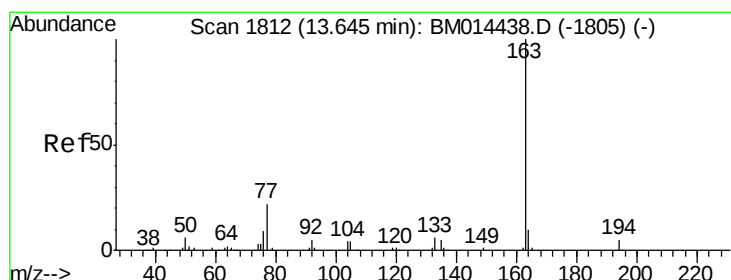
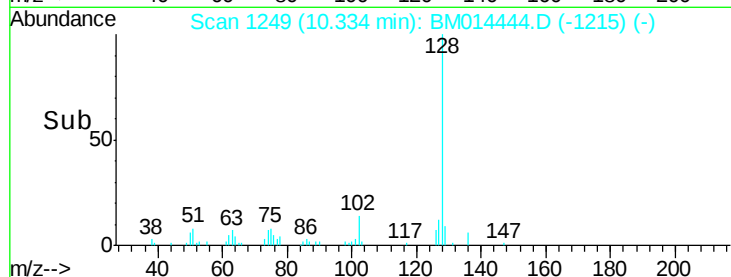
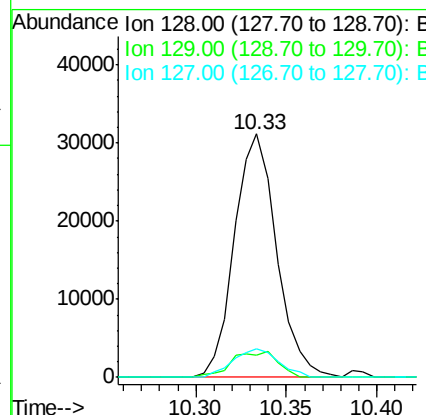
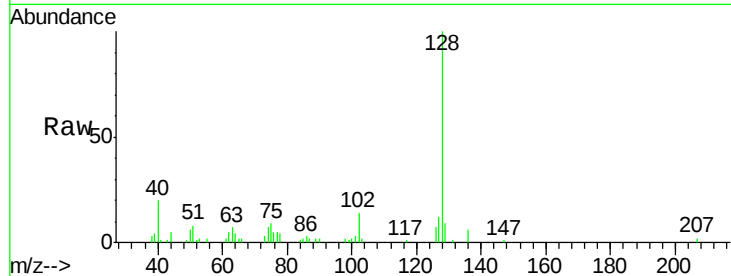
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Naphthalene
Concen: 2.160 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM014444.D
Acq: 01 Mar 2018 21:59

Instrument :
BNA_M
ClientSampleId :
BE610

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	50425		
129	9.1		8.8	13.2
127	11.7		10.6	16.0

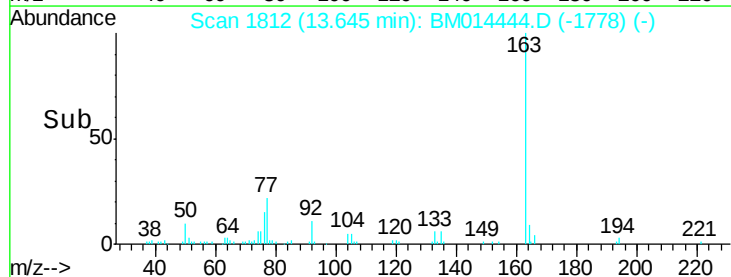
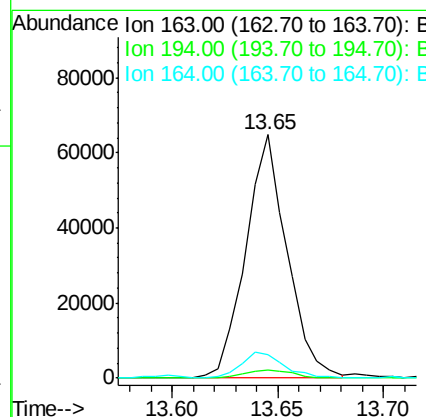
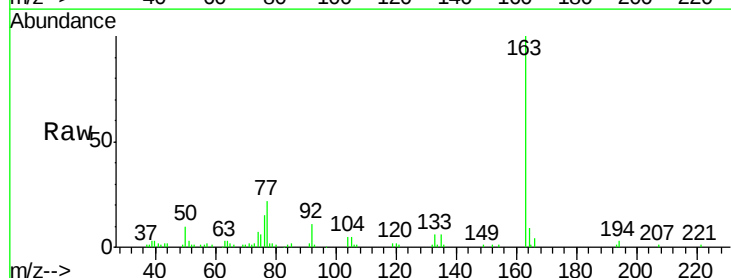
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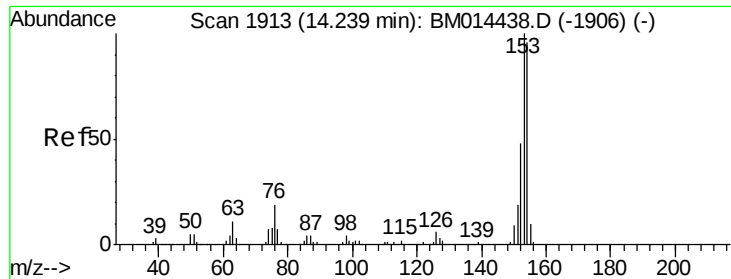
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#44
Dimethylphthalate
Concen: 3.795 ng/ul
RT: 13.65 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014444.D
Acq: 01 Mar 2018 21:59

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	88034		
194	3.3		3.5	5.3#
164	9.4		8.2	12.4





#49

Acenaphthene

Concen: 3.410 ng/ul

RT: 14.24 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM014444.D

Acq: 01 Mar 2018 21:59

Instrument :

BNA_M

ClientSampled :

BE610

Tgt Ion:153 Resp: 65837

Ion Ratio Lower Upper

153 100

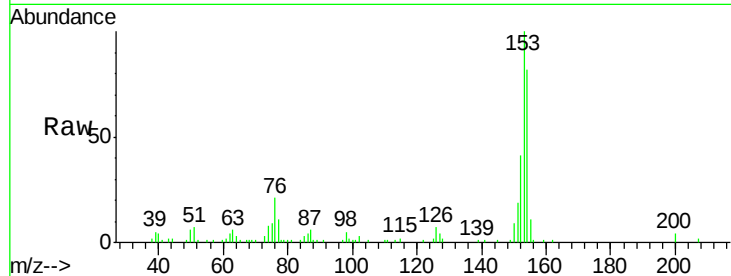
152 41.4 37.6 56.4

154 81.7 70.4 105.6

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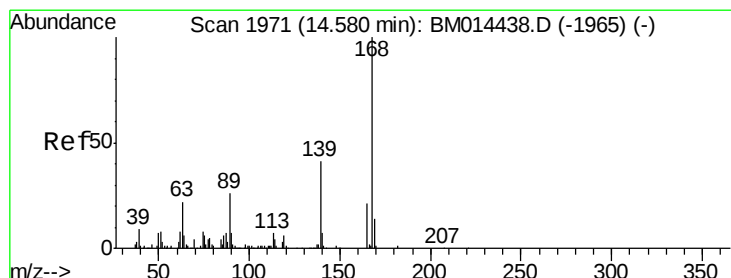
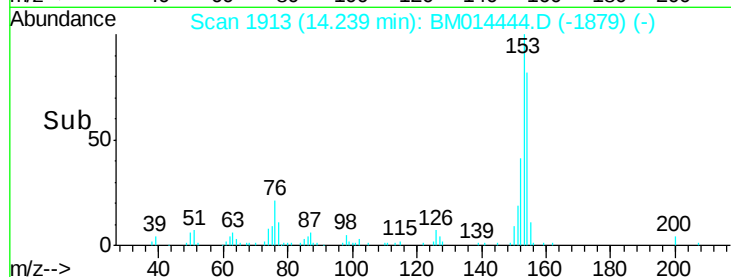
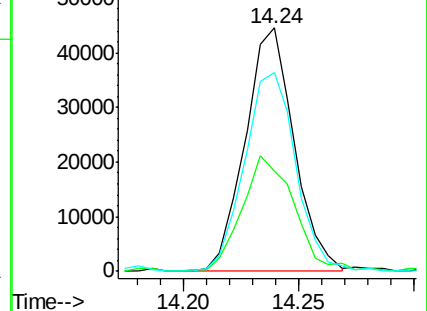
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.805 ng/ul

RT: 14.58 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BM014444.D

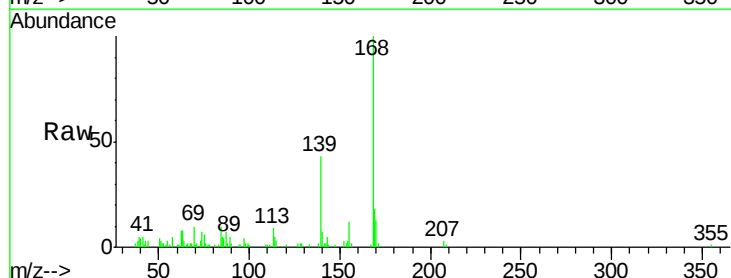
Acq: 01 Mar 2018 21:59

Tgt Ion:168 Resp: 52239

Ion Ratio Lower Upper

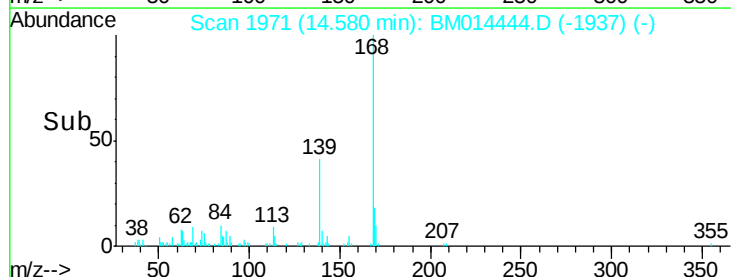
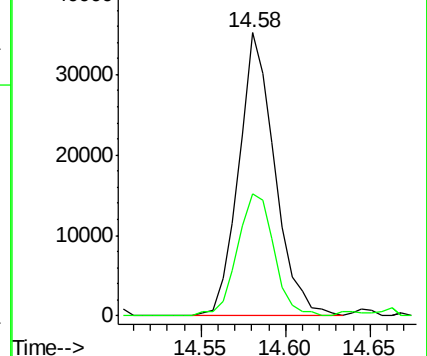
168 100

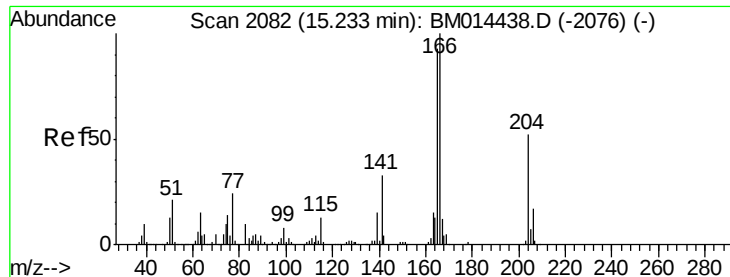
139 43.0 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





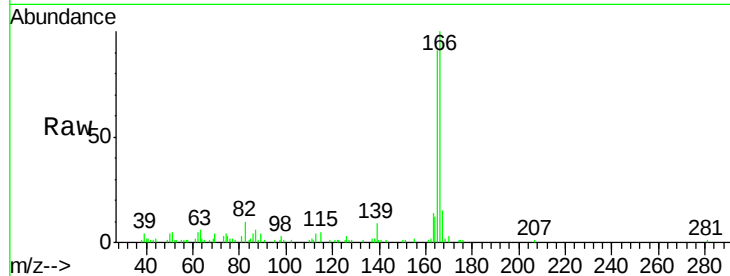
#58
 Fluorene
 Concen: 3.220 ng/ul
 RT: 15.23 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BM014444.D
 Acq: 01 Mar 2018 21:59

Instrument :
 BNA_M
 ClientSampleId :
 BE610

Tgt Ion	Ratio	Lower	Upper
166	100		
165	91.5	77.9	116.9
167	14.5	10.6	16.0

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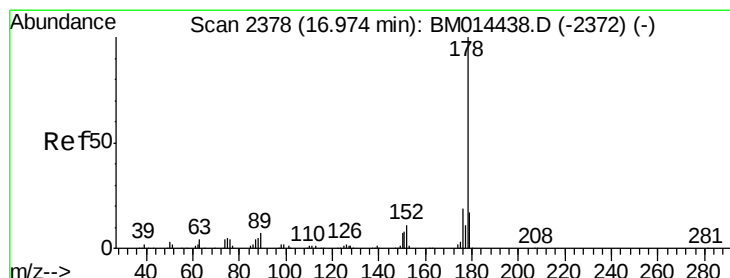
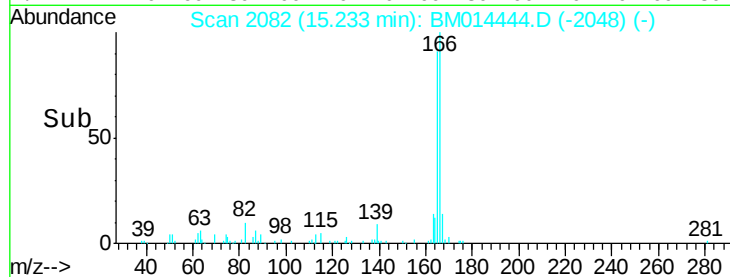
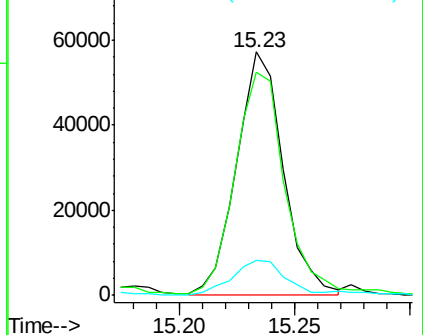


Abundance

Ion 166.00 (165.70 to 166.70): E

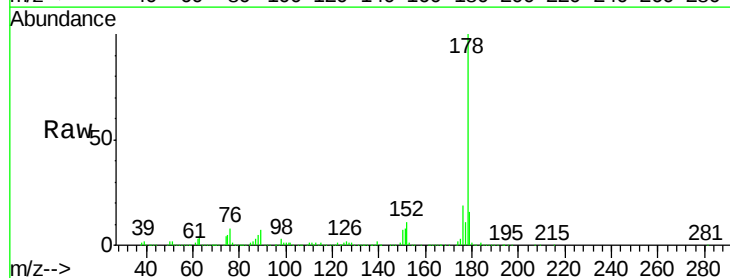
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69
 Phenanthrene
 Concen: 31.027 ng/ul
 RT: 16.98 min Scan# 2379
 Delta R.T. 0.00 min
 Lab File: BM014444.D
 Acq: 01 Mar 2018 21:59

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	18.8	14.9	22.3

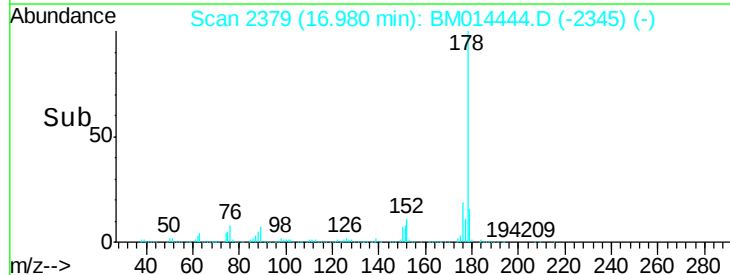
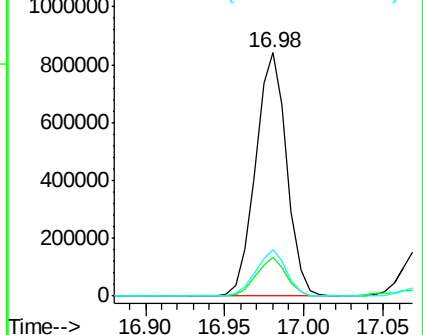


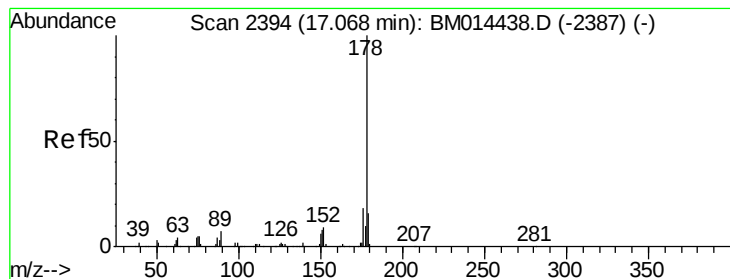
Abundance

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: 5.855 ng/ul

RT: 17.07 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BM014444.D

Acq: 01 Mar 2018 21:59

Instrument :

BNA_M

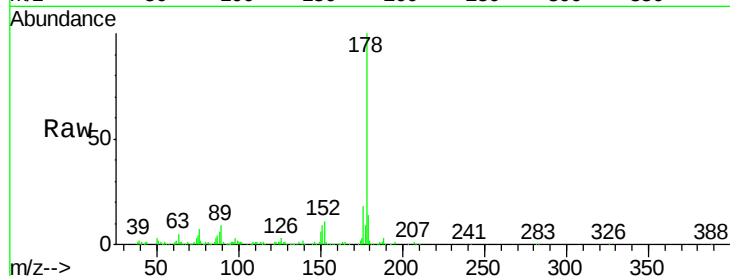
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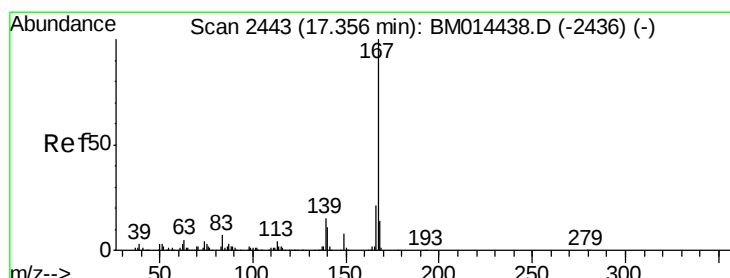
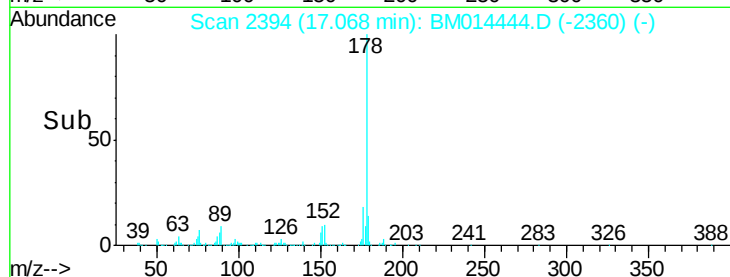
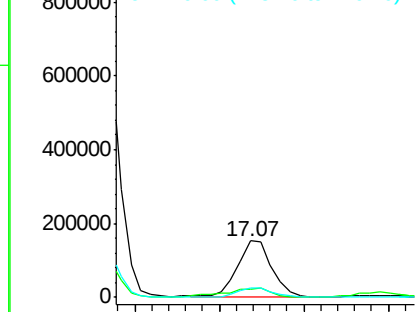
Tgt Ion:	178	Resp:	217805
Ion Ratio	Lower	Upper	
178	100		
179	13.9	11.7	17.5
176	17.6	14.6	21.8

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



#72

Carbazole

Concen: 3.962 ng/ul

RT: 17.36 min Scan# 2443

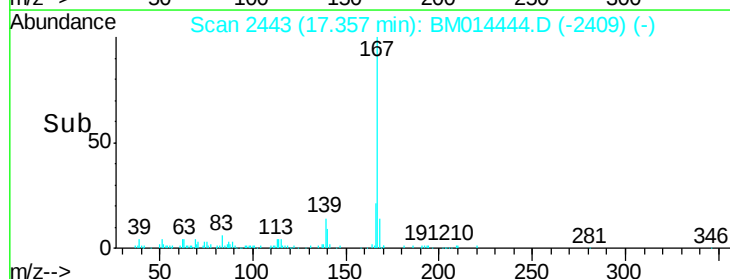
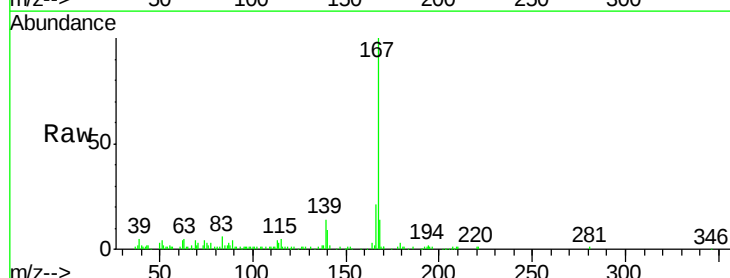
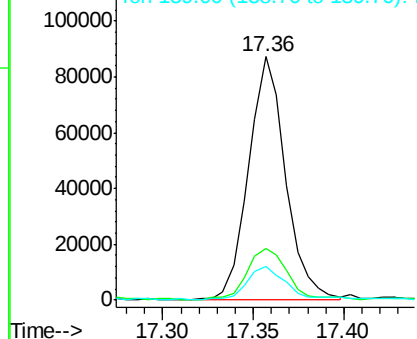
Delta R.T. 0.00 min

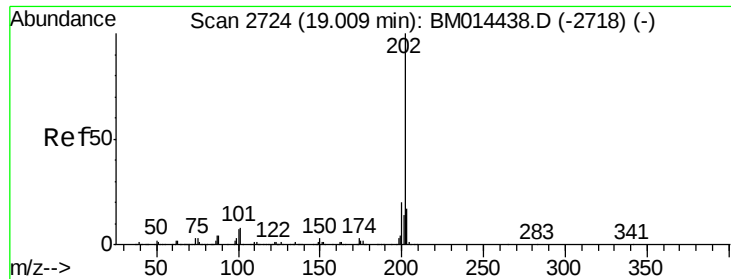
Lab File: BM014444.D

Acq: 01 Mar 2018 21:59

Tgt Ion:	167	Resp:	123942
Ion Ratio	Lower	Upper	
167	100		
166	21.2	17.1	25.7
139	13.8	10.0	15.0

Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





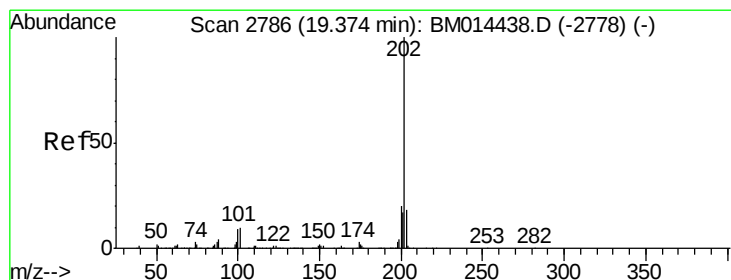
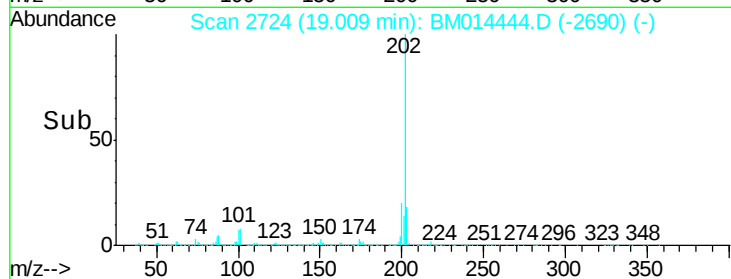
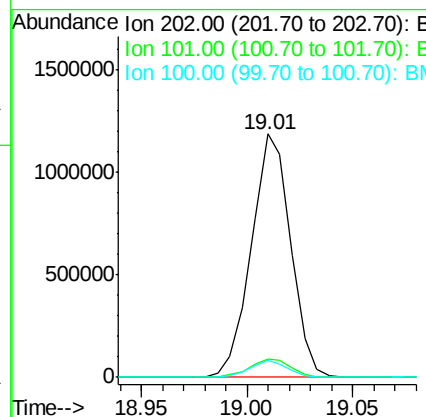
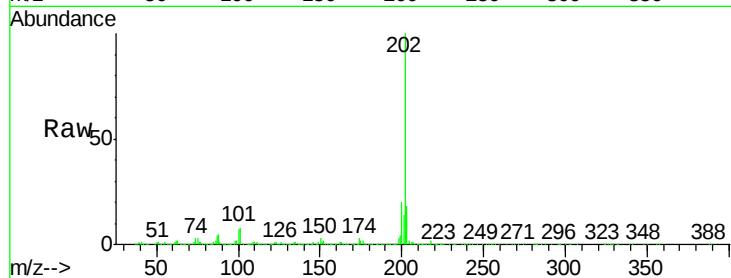
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 Fluoranthene
 Concen: 34.612 ng/ul
 RT: 19.01 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: BM014444.D
 Acq: 01 Mar 2018 21:59

Instrument :
 BNA_M
 ClientSampleId :
 BE610

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.6	7.0#
100	7.1	3.4	5.2#

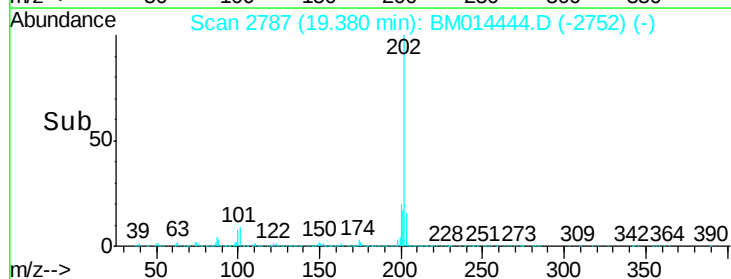
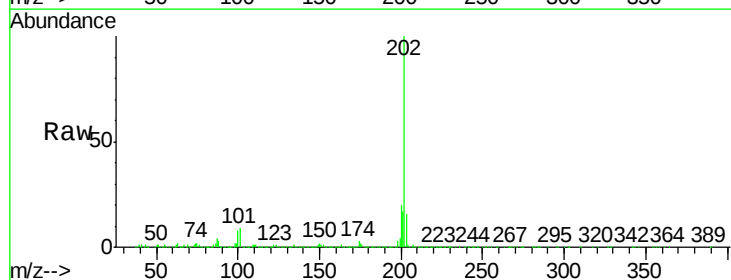
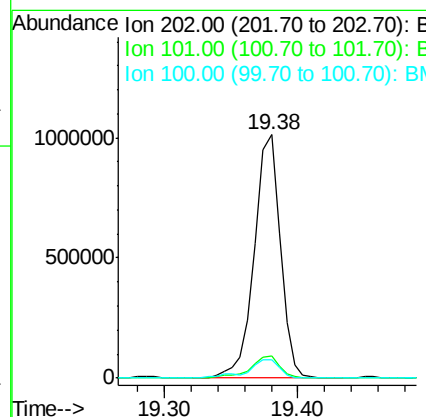
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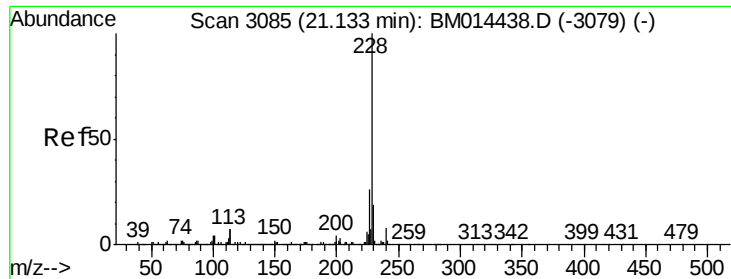
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#77
 Pyrene
 Concen: 29.258 ng/ul
 RT: 19.38 min Scan# 2787
 Delta R.T. 0.01 min
 Lab File: BM014444.D
 Acq: 01 Mar 2018 21:59

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.0	5.1	7.7#
100	7.5	4.9	7.3#





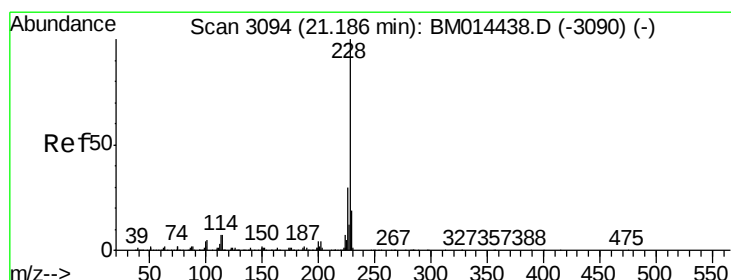
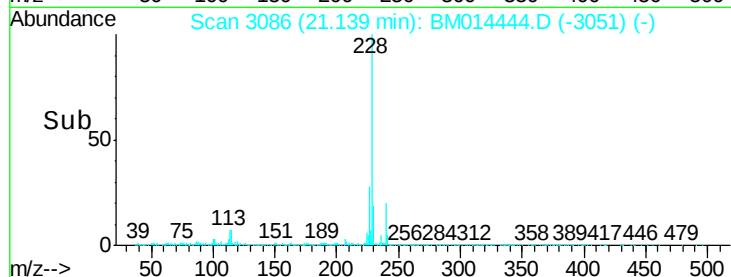
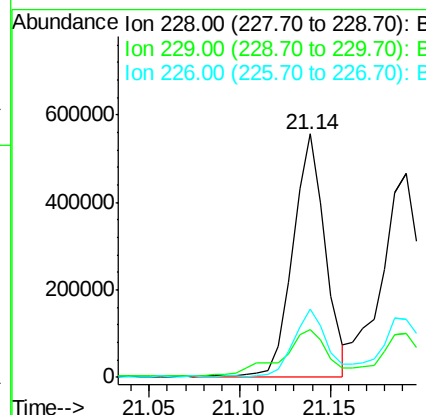
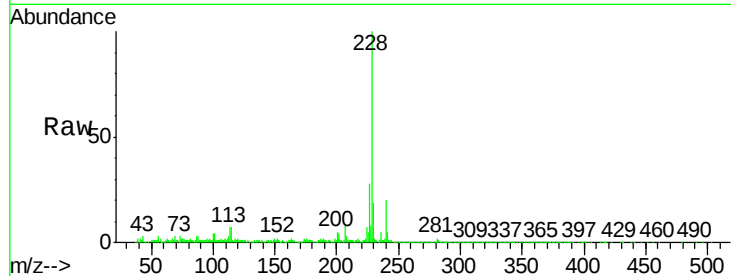
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Benzo(a)anthracene
Concen: 15.874 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014444.D
Acq: 01 Mar 2018 21:59

Instrument :
BNA_M
ClientSampled :
BE610

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.4	23.0
226	28.0	21.4	32.0

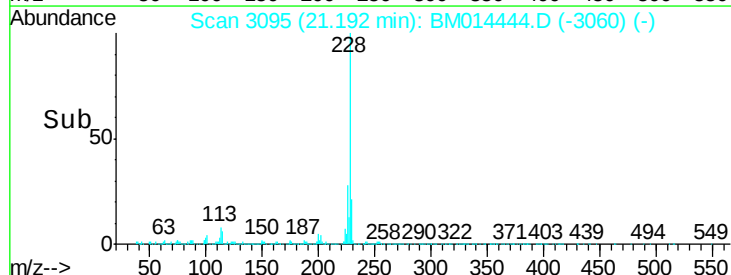
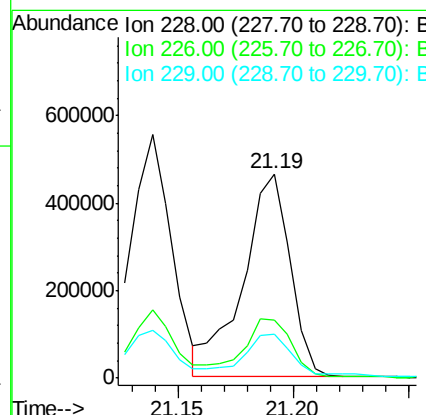
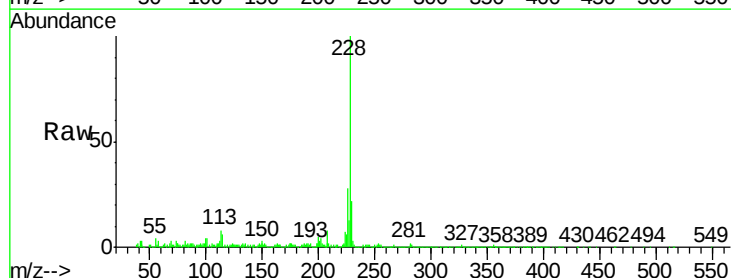
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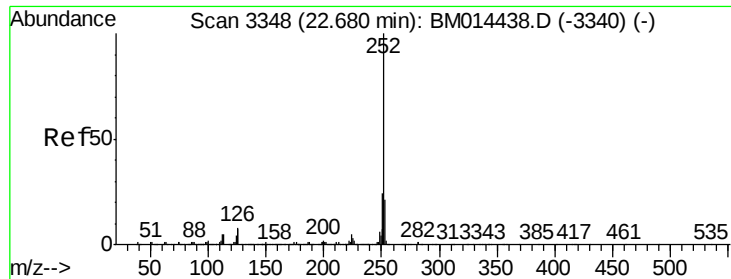
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#82
Chrysene
Concen: 16.348 ng/ul
RT: 21.19 min Scan# 3095
Delta R.T. 0.01 min
Lab File: BM014444.D
Acq: 01 Mar 2018 21:59

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	23.4	35.2
229	21.6	15.5	23.3





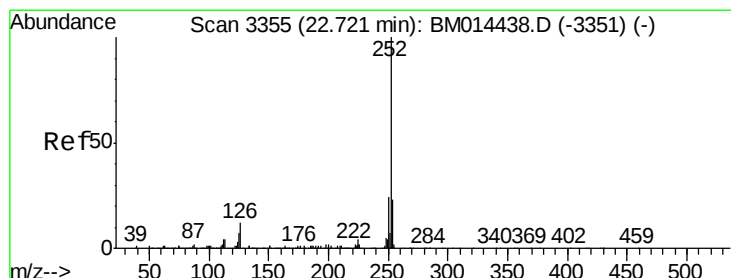
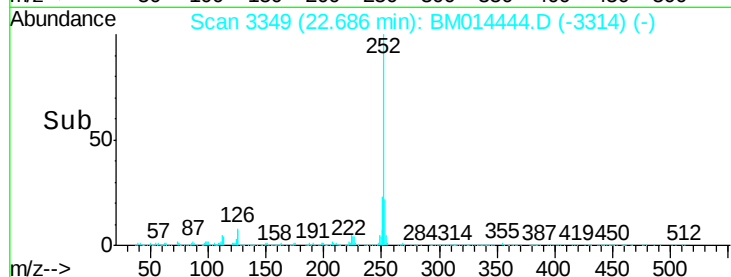
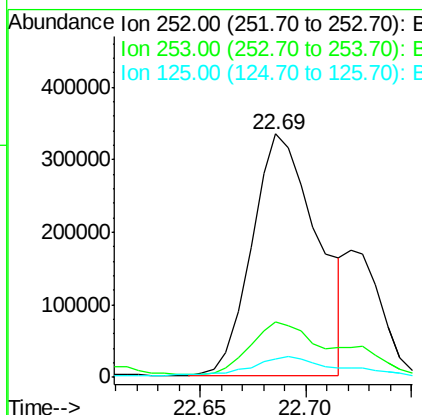
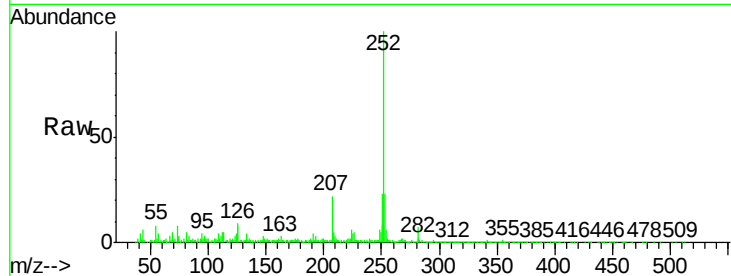
#85
Benzo(b)fluoranthene
Concen: 18.798 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014444.D
Acq: 01 Mar 2018 21:59

Instrument :
BNA_M
ClientSampled :
BE610

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	7.7	3.6	5.4

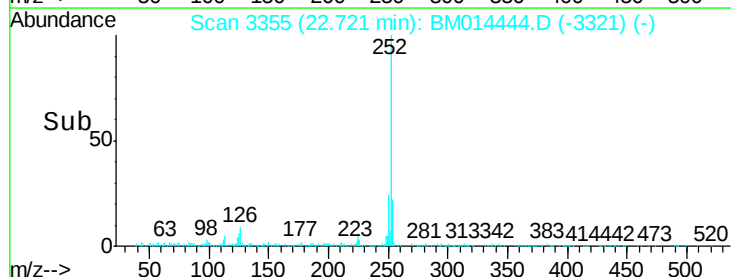
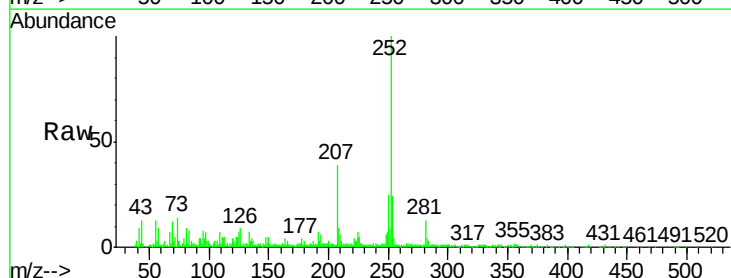
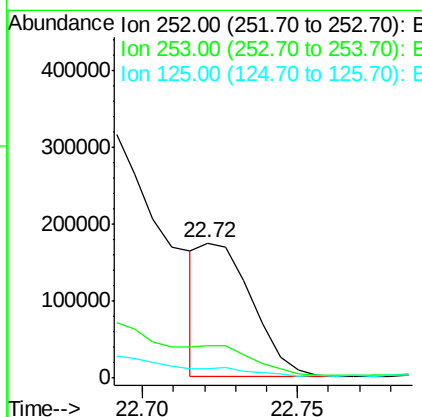
Manual Integrations
APPROVED

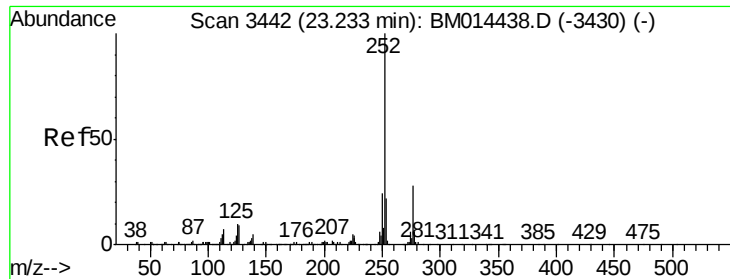
Sohil
3/2/2018 3:32:03 PM



#86
Benzo(k)fluoranthene
Concen: 5.554 ng/ul m
RT: 22.72 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BM014444.D
Acq: 01 Mar 2018 21:59

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.1	25.7
125	7.2	3.4	5.2





#88

Benzo(a)pyrene

Concen: 13.315 ng/ul

RT: 23.24 min Scan# 3443

Delta R.T. 0.01 min

Lab File: BM014444.D

Acq: 01 Mar 2018 21:59

Instrument :

BNA_M

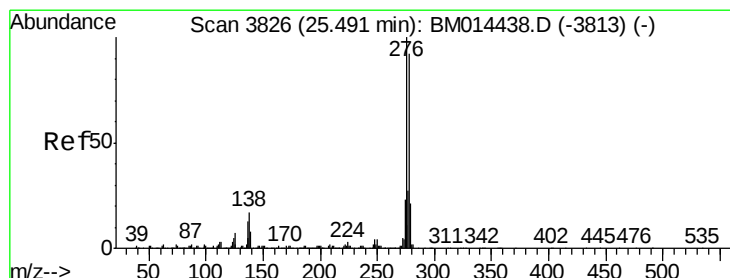
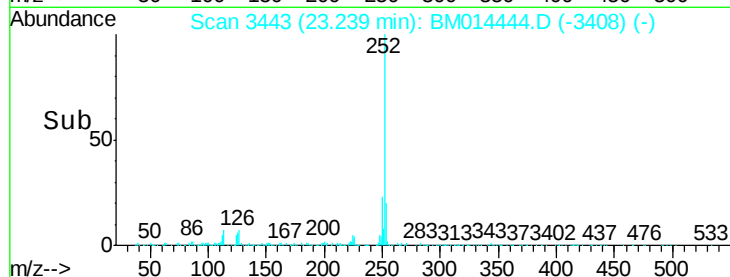
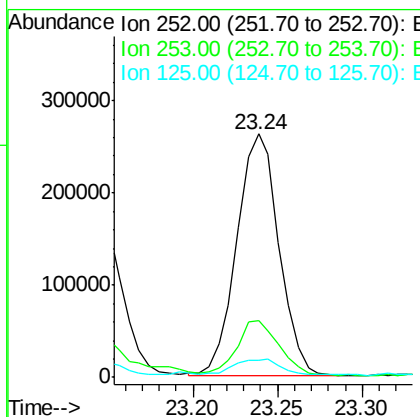
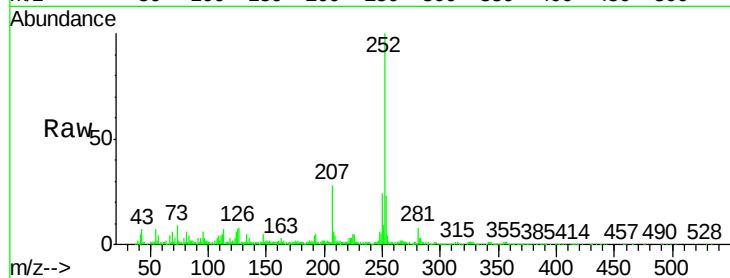
ClientSampleId :

BE610

Tgt Ion:	252	Resp:	455533
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.2	27.2
125	7.0	4.0	6.0#

Manual Integrations
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3/2/2018 3:32:03 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 8.037 ng/ul

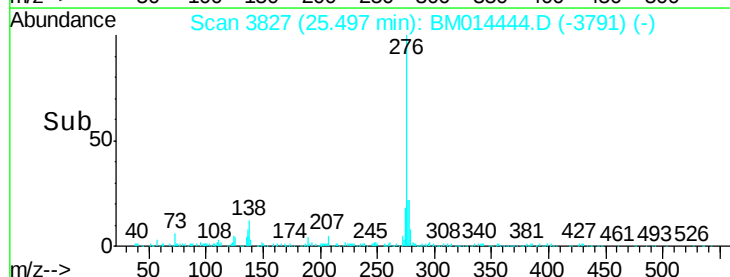
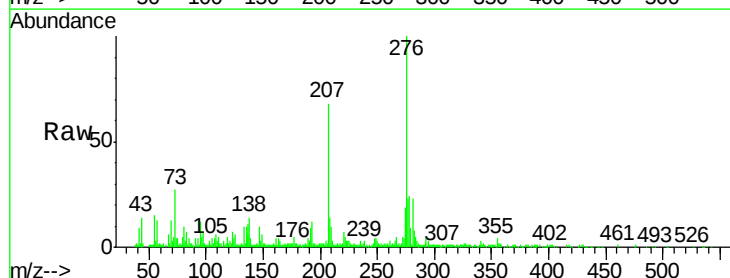
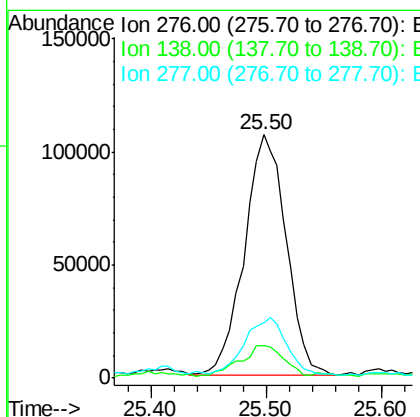
RT: 25.50 min Scan# 3827

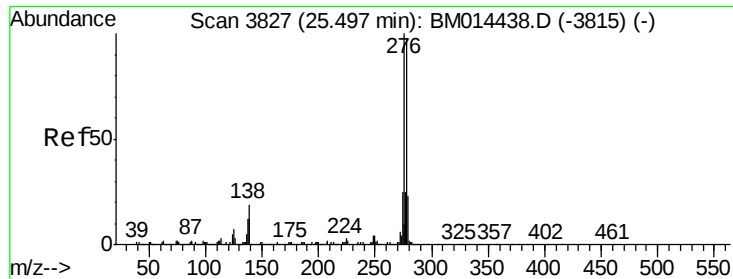
Delta R.T. 0.01 min

Lab File: BM014444.D

Acq: 01 Mar 2018 21:59

Tgt Ion:	276	Resp:	266800
Ion Ratio	Lower	Upper	
276	100		
138	13.6	9.3	13.9
277	23.0	19.9	29.9





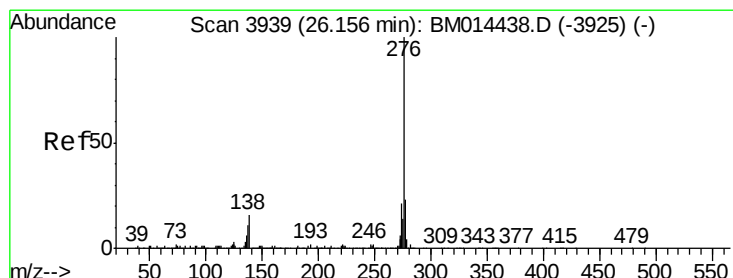
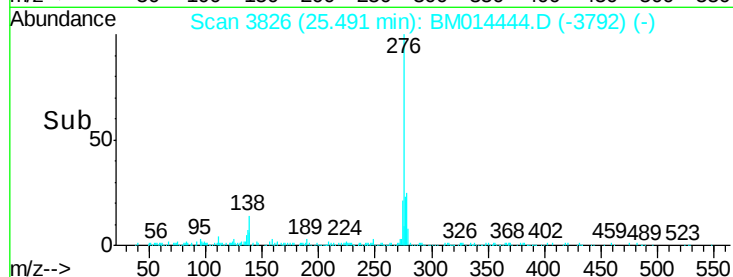
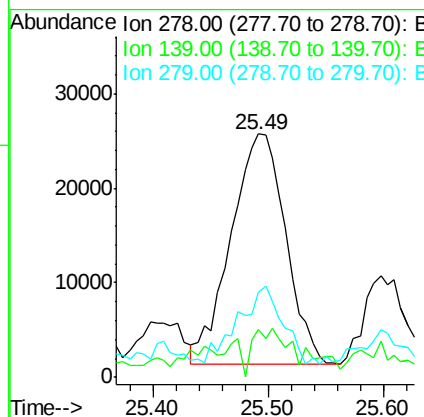
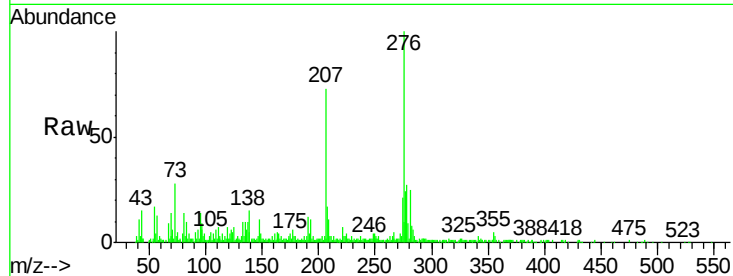
#90
Dibenzo(a,h)anthracene
Concen: 2.899 ng/ul
RT: 25.49 min Scan# 3826
Delta R.T. 0.00 min
Lab File: BM014444.D
Acq: 01 Mar 2018 21:59

Instrument :
BNA_M
ClientSampleId :
BE610

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.8	5.8	8.8#
279	34.9	18.6	27.8#

Manual Integrations
APPROVED

Sohil
3/2/2018 3:32:03 PM



#91
Benzo(g,h,i)perylene
Concen: 8.603 ng/ul
RT: 26.16 min Scan# 3939
Delta R.T. 0.01 min
Lab File: BM014444.D
Acq: 01 Mar 2018 21:59

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.5	8.5	12.7
277	25.6	18.6	28.0

