

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014431.D
 Acq On : 01 Mar 2018 09:19
 Operator : SJ/JU
 Sample : J1679-05
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE610

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:15:58 PM

Quant Time: Mar 01 13:04:13 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	148201	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	679350	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	401806	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	871963	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	792210	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	608248	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	9111	2.63	ng/uL	0.00
5) Phenol-d5	6.72	99	215671	17.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	130836	17.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	179396	18.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	179226	16.35	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	90186	17.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	95933	18.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	185327m	17.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	153456	14.47	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	608236	18.33	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	790517	19.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	70691m	15.43	ng/ul	0.03
57) Fluorene-d10	15.18	176	510127	17.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	12518	2.39	ng/ul	0.01
70) Anthracene-d10	17.03	188	760629	18.08	ng/ul	0.00
76) Pyrene-d10	19.35	212	824872	20.19	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	534418	18.05	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.33	128	80240	2.300	ng/ul#	94
34) 2-Methylnaphthalene	11.96	142	30174	1.136	ng/ul	94
44) Dimethylphthalate	13.65	163	130396	3.985	ng/ul	97
47) Acenaphthylene	13.89	152	48569	1.256	ng/ul	99
49) Acenaphthene	14.24	153	96848	3.556	ng/ul	96
53) Dibenzofuran	14.58	168	78097	1.913	ng/ul	92
58) Fluorene	15.24	166	119194	3.381	ng/ul	96
69) Phenanthrene	16.98	178	1624749	32.340	ng/ul	99
71) Anthracene	17.07	178	298835	5.915	ng/ul	100
72) Carbazole	17.36	167	167937	3.953	ng/ul	98
74) Fluoranthene	19.01	202	2074713	34.566	ng/ul#	92
77) Pyrene	19.38	202	1765523	33.534	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	830213	16.792	ng/ul	96
82) Chrysene	21.19	228	756192	16.395	ng/ul	95
85) Benzo(b)fluoranthene	22.69	252	751160	18.444	ng/ul#	95
86) Benzo(k)fluoranthene	22.72	252	280246m	7.237	ng/ul	
88) Benzo(a)pyrene	23.23	252	507720	13.951	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.49	276	299795	8.489	ng/ul#	98
90) Dibenzo(a,h)anthracene	25.49	278	97412m	3.320	ng/ul	
91) Benzo(g,h,i)perylene	26.16	276	262525	9.176	ng/ul#	97

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

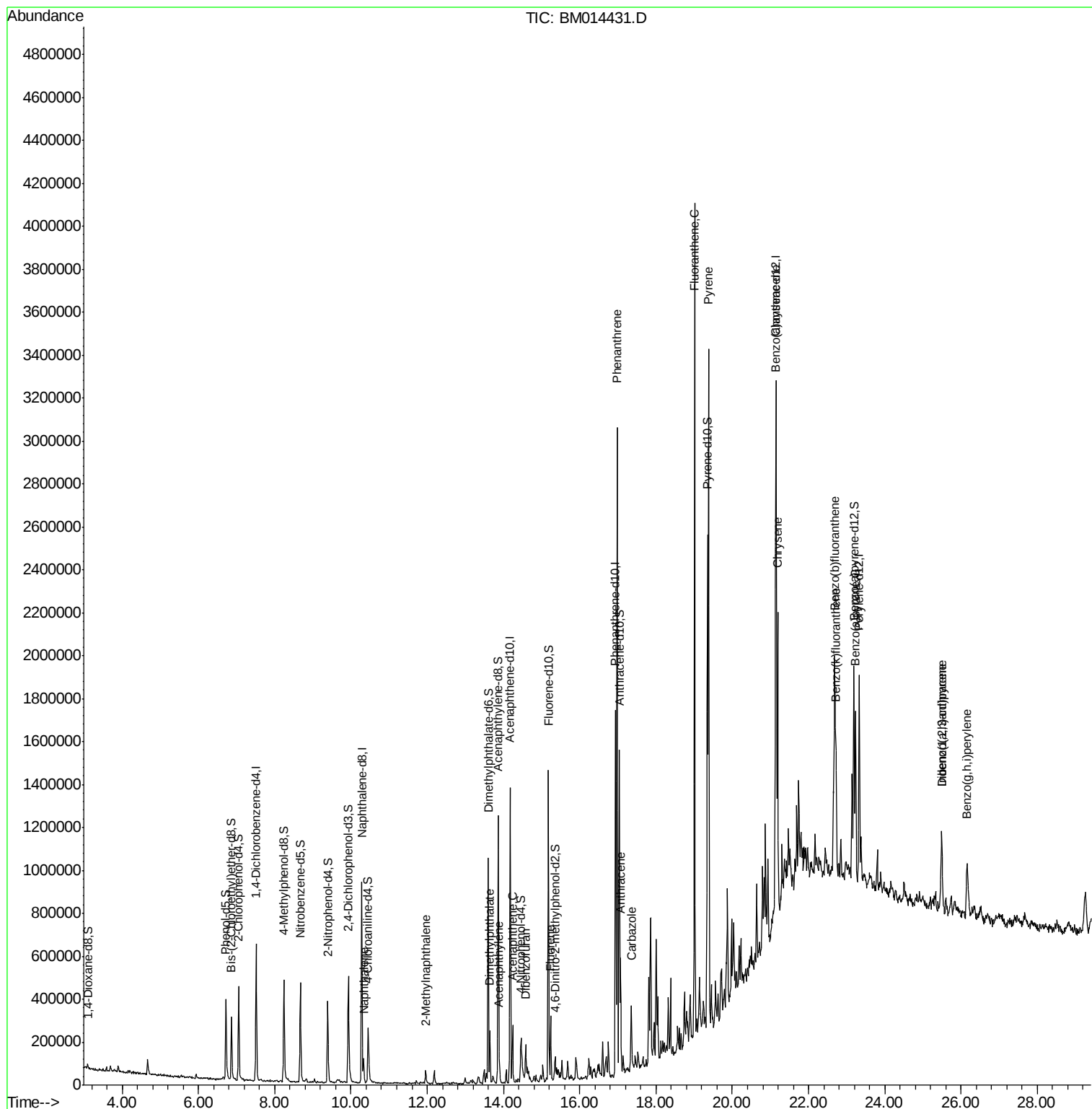
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014431.D
Acq On : 01 Mar 2018 09:19
Operator : SJ/JU
Sample : J1679-05
Misc :
ALS Vial : 35 Sample Multiplier: 1

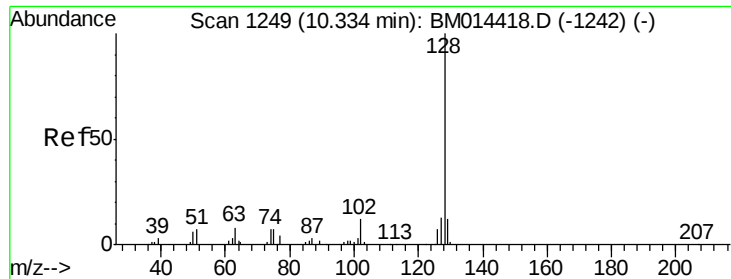
Instrument :
BNA_M
ClientSampleId :
BE610

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Quant Time: Mar 01 13:04:13 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





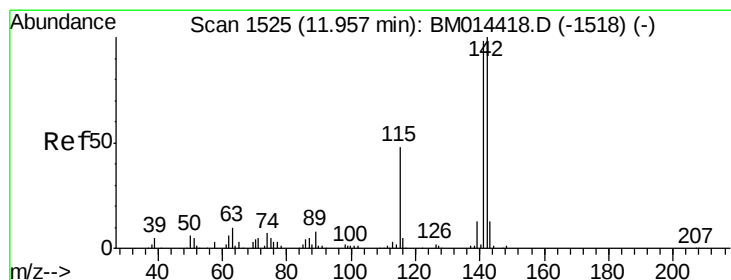
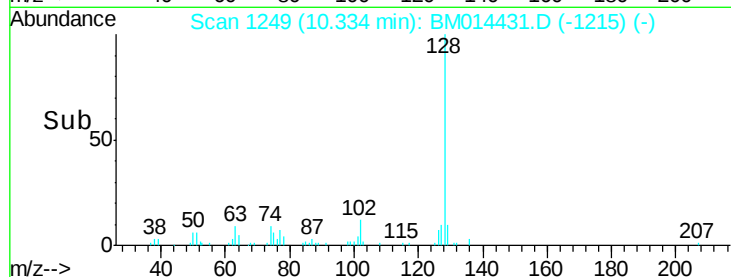
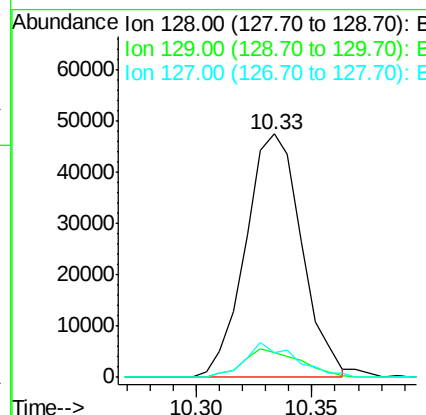
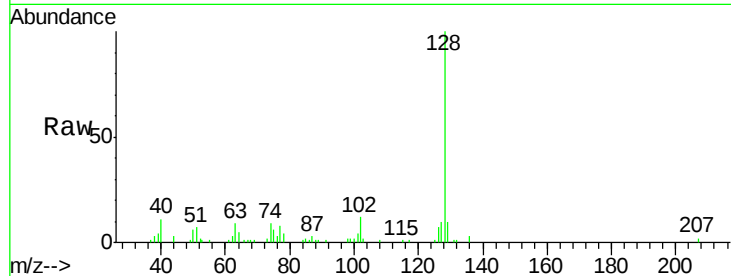
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Naphthalene
Concen: 2.300 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM014431.D
Acq: 01 Mar 2018 09:19

Instrument :
BNA_M
ClientSampled :
BE610

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.8	13.2
127	10.0	10.6	16.0

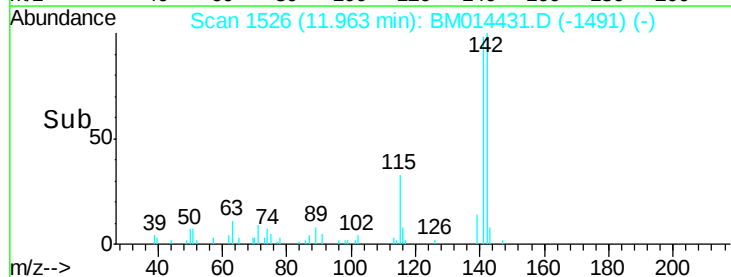
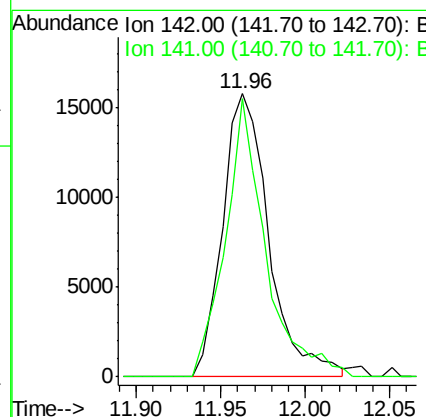
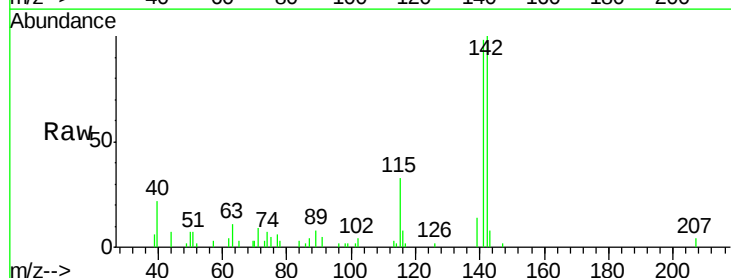
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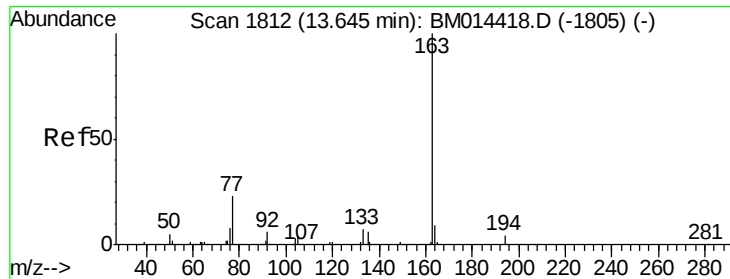
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#34
2-Methylnaphthalene
Concen: 1.136 ng/ul
RT: 11.96 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BM014431.D
Acq: 01 Mar 2018 09:19

Tgt Ion	Ratio	Lower	Upper
142	100		
141	98.2	74.1	111.1





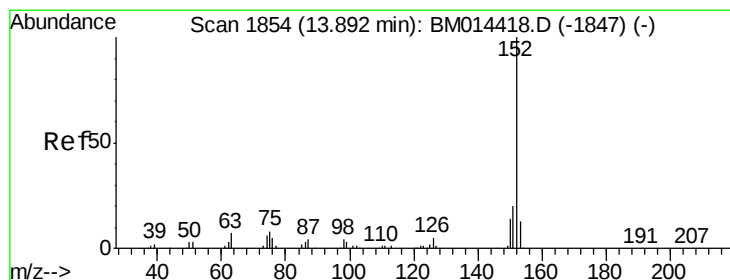
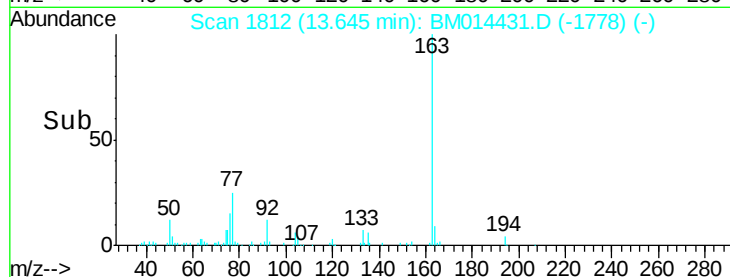
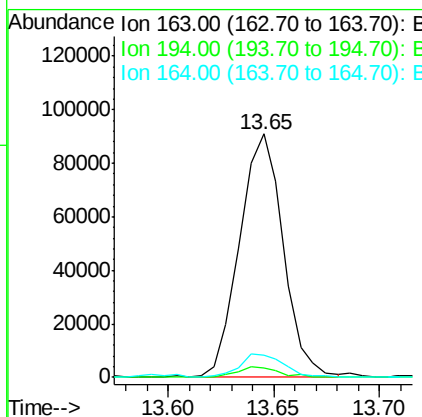
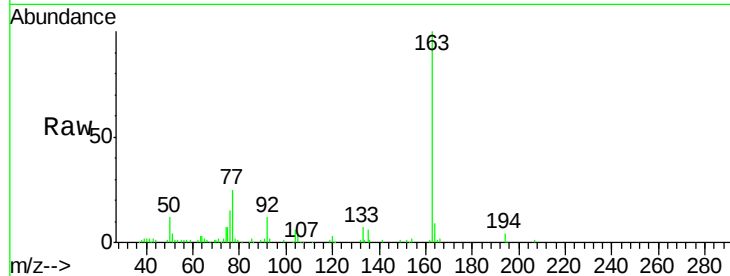
#44
Dimethylphthalate
Concen: 3.985 ng/ul
RT: 13.65 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014431.D
Acq: 01 Mar 2018 09:19

Instrument :
BNA_M
ClientSampleId :
BE610

Tot Ion	Ratio	Resp	Lower	Upper
163	100	130396		
194	3.6		3.5	5.3
164	9.0		8.2	12.4

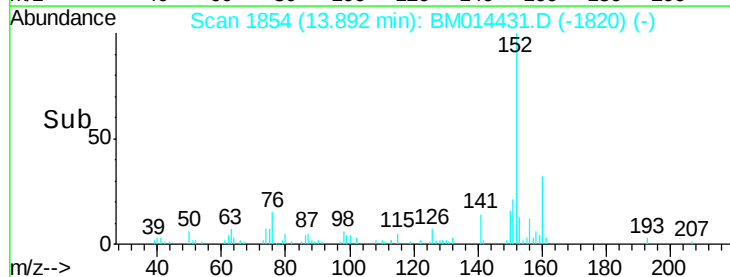
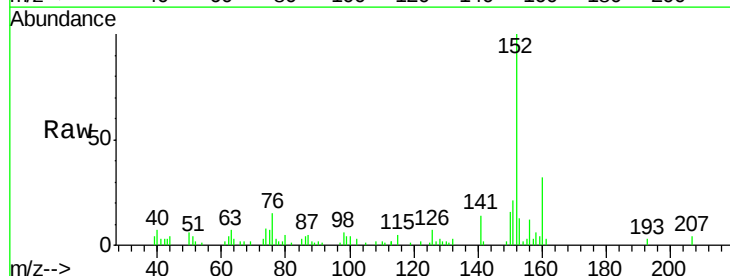
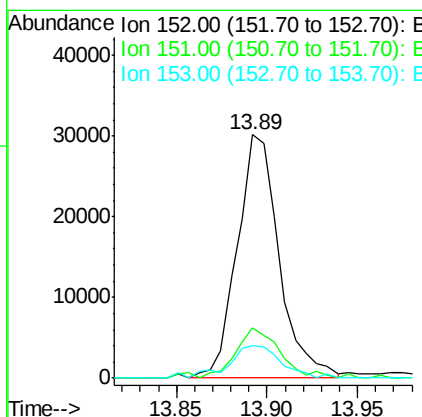
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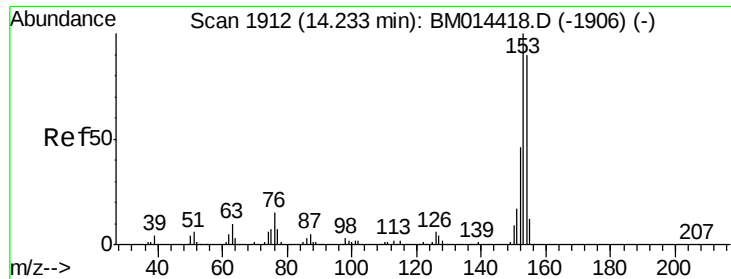
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#47
Acenaphthylene
Concen: 1.256 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM014431.D
Acq: 01 Mar 2018 09:19

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	48569		
151	20.9		16.3	24.5
153	13.4		10.2	15.4





#49

Acenaphthene

Concen: 3.556 ng/ul

RT: 14.24 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM014431.D

Acq: 01 Mar 2018 09:19

Instrument :

BNA_M

ClientSampleId :

BE610

Tot Ion:153 Resp: 96848

Ion Ratio Lower Upper

153 100

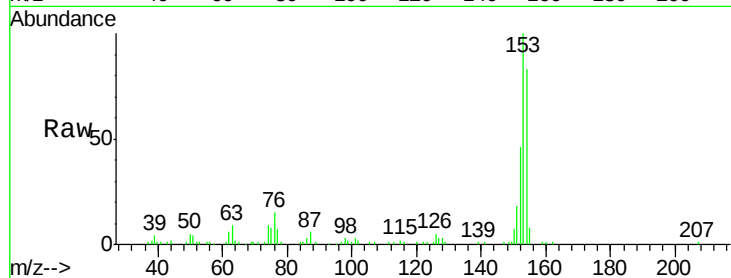
152 45.8 37.6 56.4

154 83.4 70.4 105.6

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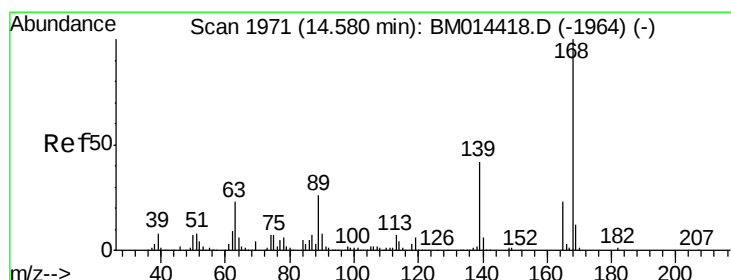
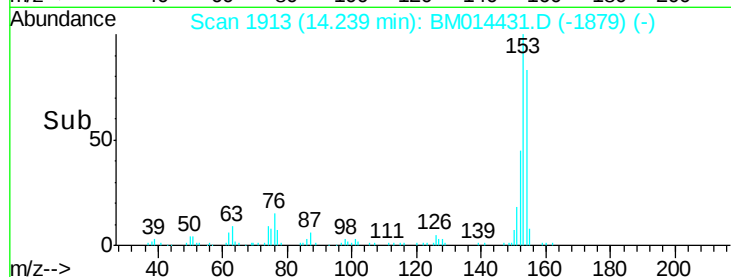
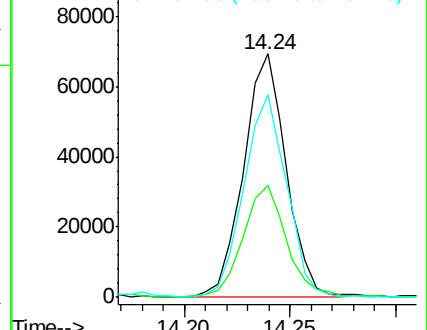
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.913 ng/ul

RT: 14.58 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BM014431.D

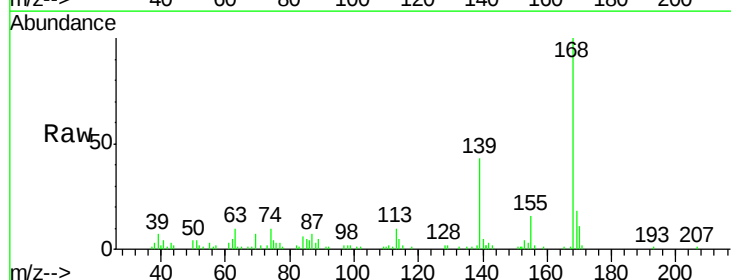
Acq: 01 Mar 2018 09:19

Tgt Ion:168 Resp: 78097

Ion Ratio Lower Upper

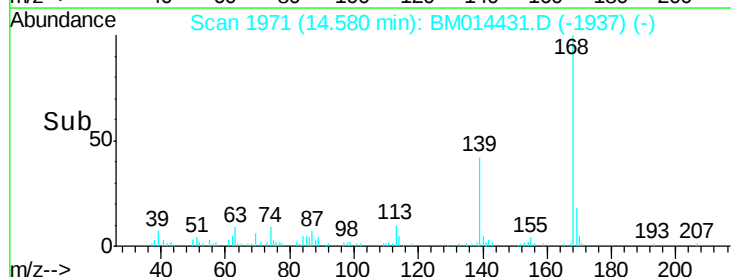
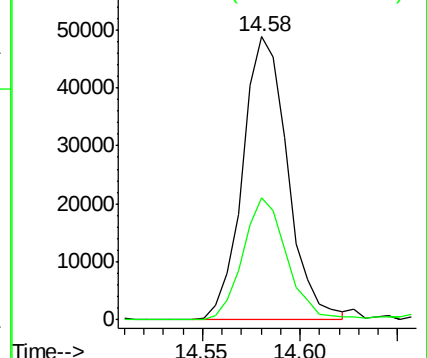
168 100

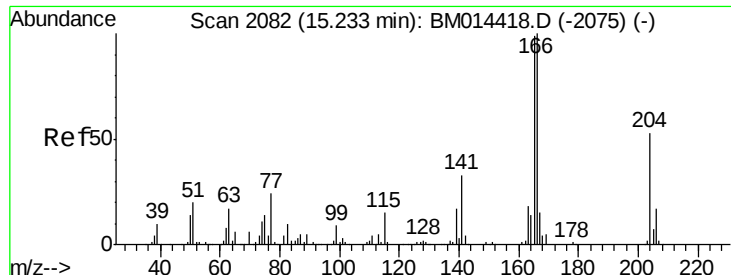
139 43.2 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





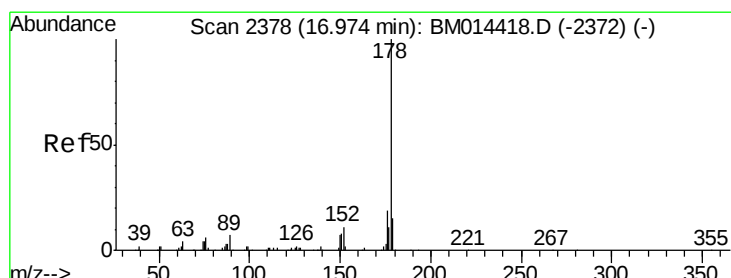
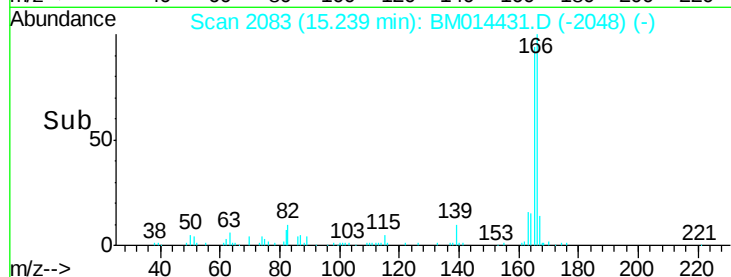
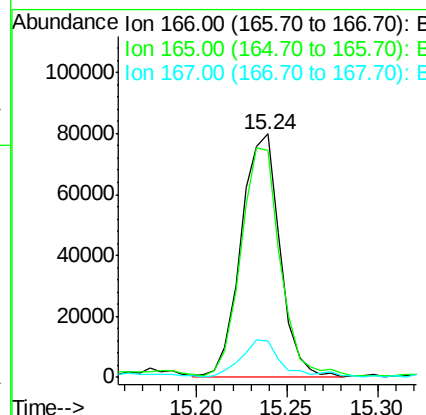
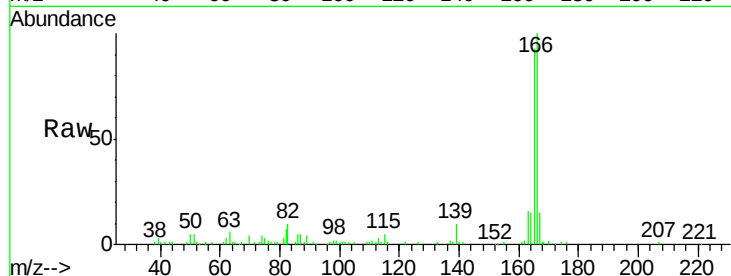
#58
Fluorene
Concen: 3.381 ng/ul
RT: 15.24 min Scan# 2083
Delta R.T. 0.01 min
Lab File: BM014431.D
Acq: 01 Mar 2018 09:19

Instrument :
BNA_M
ClientSampled :
BE610

Tot Ion	Ratio	Lower	Upper
166	100		
165	93.2	77.9	116.9
167	14.7	10.6	16.0

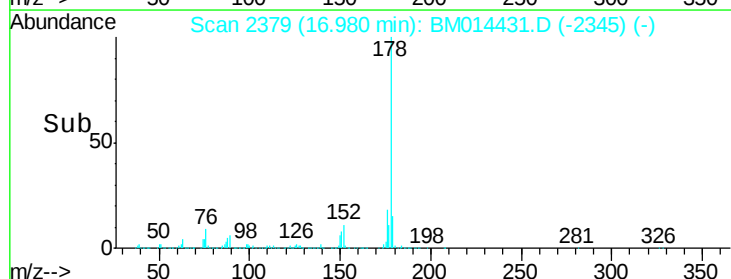
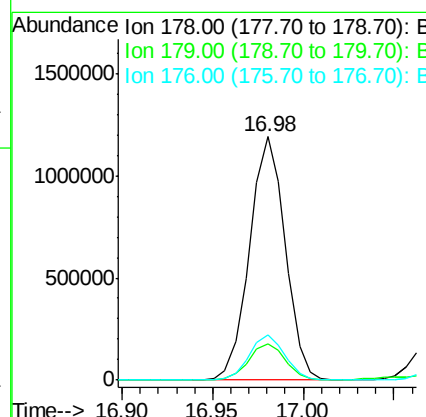
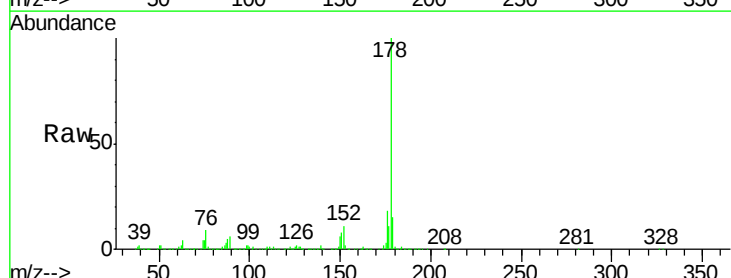
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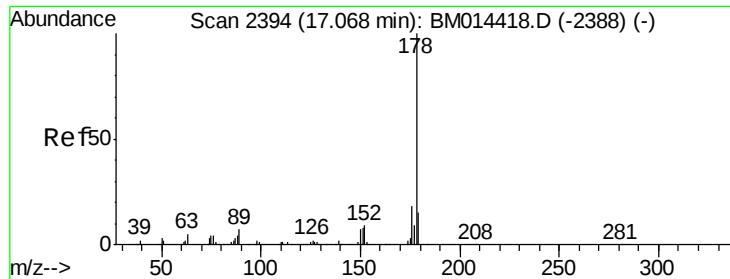
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#69
Phenanthrene
Concen: 32.340 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BM014431.D
Acq: 01 Mar 2018 09:19

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	18.5	14.9	22.3





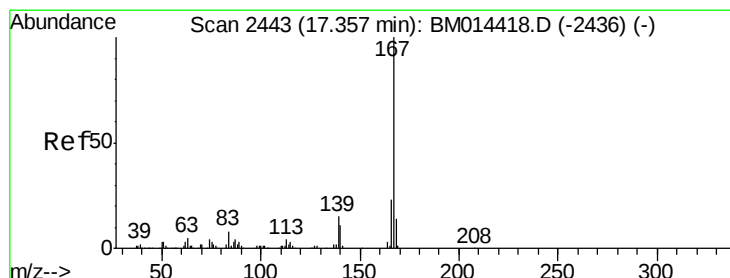
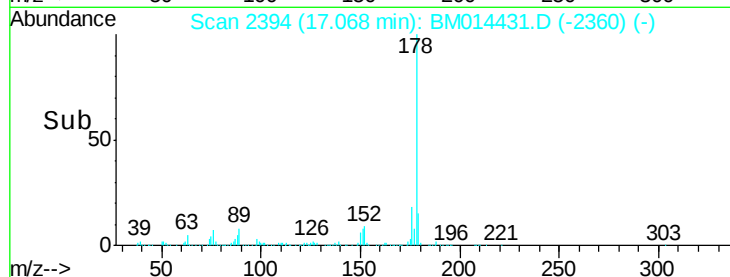
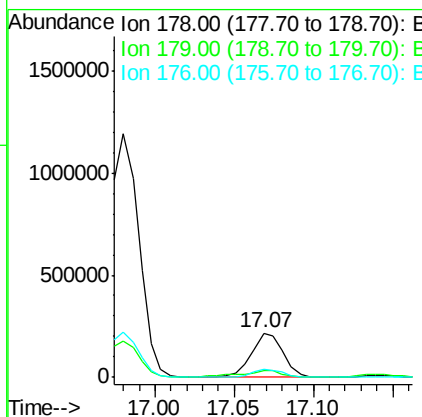
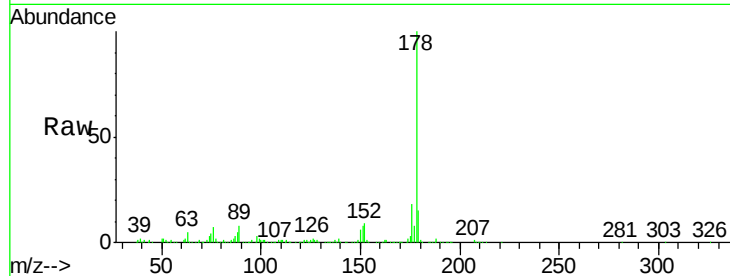
#71
 Anthracene
 Concen: 5.915 ng/ul
 RT: 17.07 min Scan# 2394
 Delta R.T. 0.00 min
 Lab File: BM014431.D
 Acq: 01 Mar 2018 09:19

Instrument :
 BNA_M
 ClientSampleId :
 BE610

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.8	11.7	17.5
176	18.1	14.6	21.8

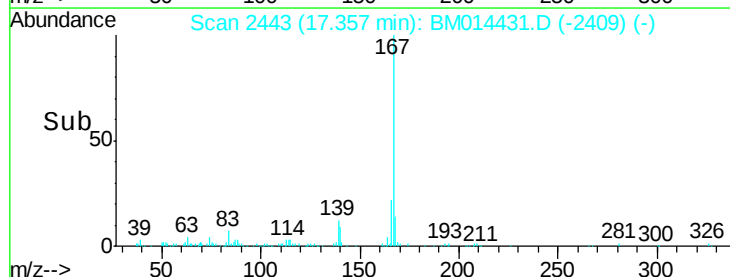
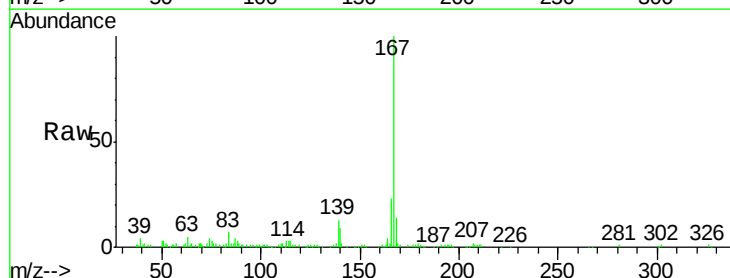
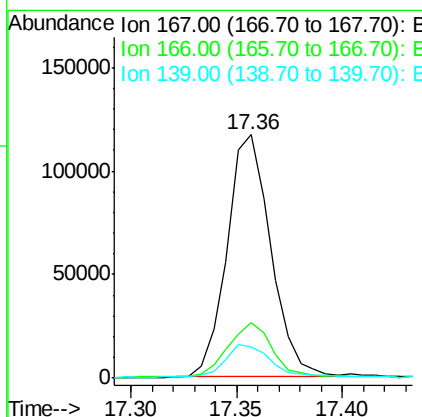
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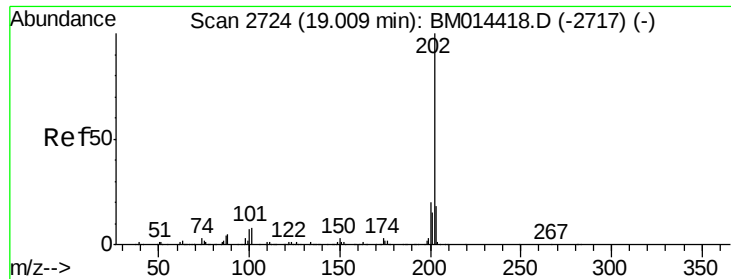
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#72
 Carbazole
 Concen: 3.953 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BM014431.D
 Acq: 01 Mar 2018 09:19

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.6	17.1	25.7
139	12.8	10.0	15.0





#74

Fluoranthene

Concen: 34.566 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM014431.D

Acq: 01 Mar 2018 09:19

Instrument :

BNA_M

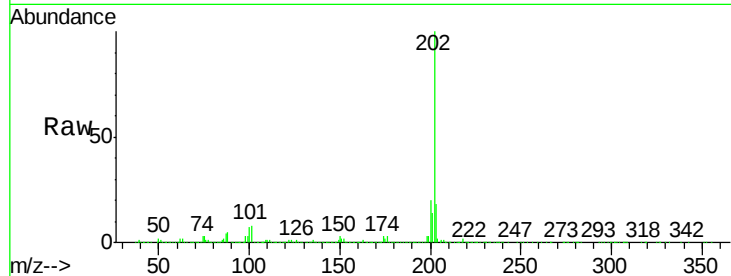
ClientSampleId :

BE610

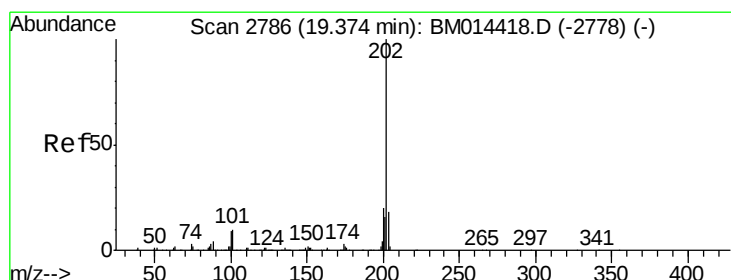
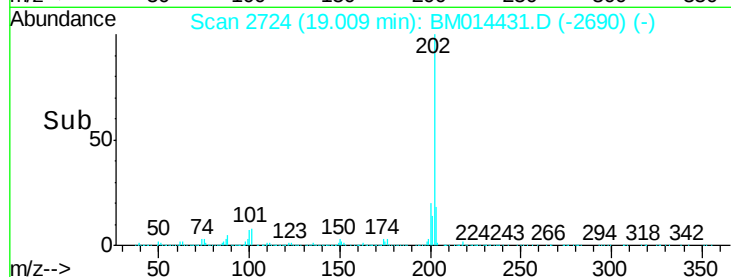
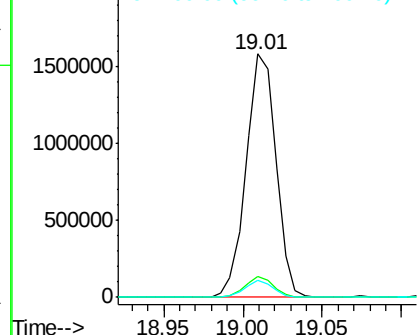
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Ion Ratio	Lower	Upper	
202	100		
101	8.3	4.6	7.0#
100	6.9	3.4	5.2#

Manual Integrations
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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



#77

Pyrene

Concen: 33.534 ng/ul

RT: 19.38 min Scan# 2787

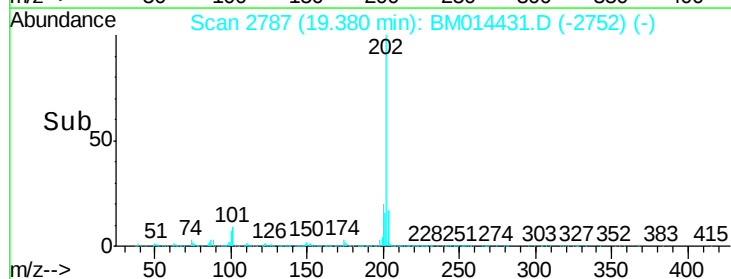
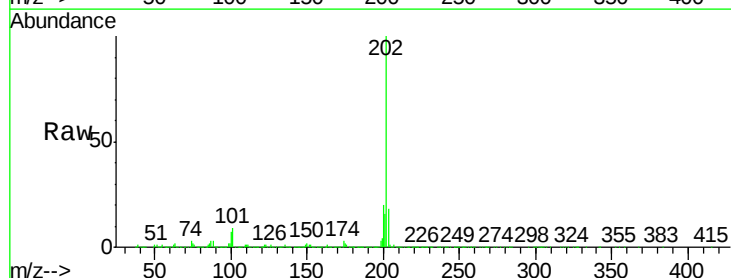
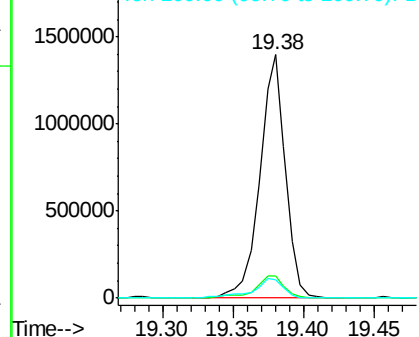
Delta R.T. 0.01 min

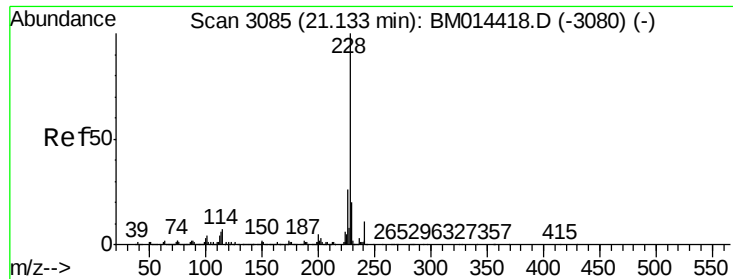
Lab File: BM014431.D

Acq: 01 Mar 2018 09:19

Tgt Ion:	202	Resp:	1765523
Ion Ratio	Lower	Upper	
202	100		
101	8.9	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





#80

Benzo(a)anthracene

Concen: 16.792 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM014431.D

Acq: 01 Mar 2018 09:19

Instrument :

BNA_M

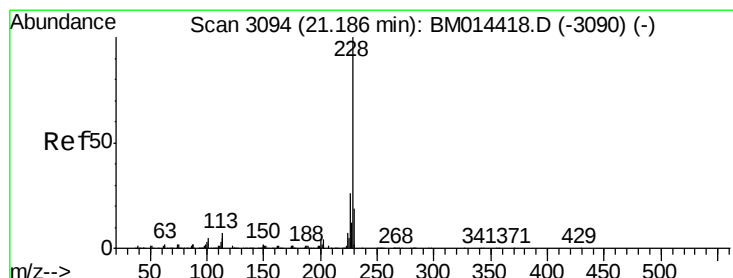
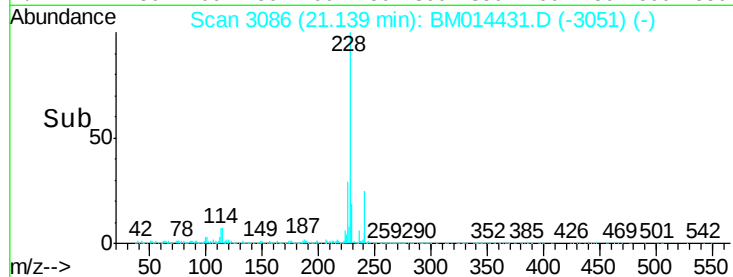
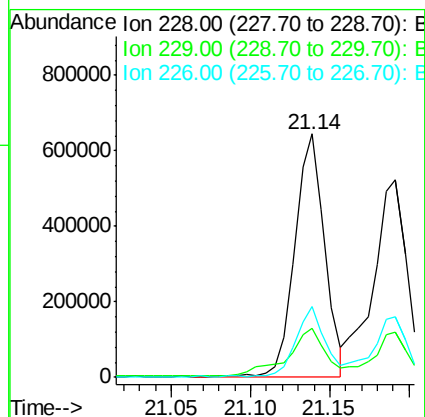
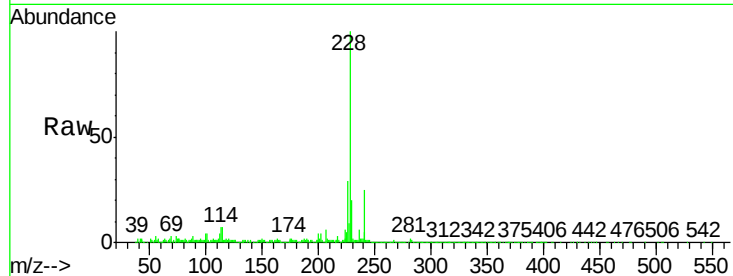
ClientSampleId :

BE610

Tot Ion:	228	Resp:	830213
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.4	23.0
226	29.1	21.4	32.0

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#82

Chrysene

Concen: 16.395 ng/ul

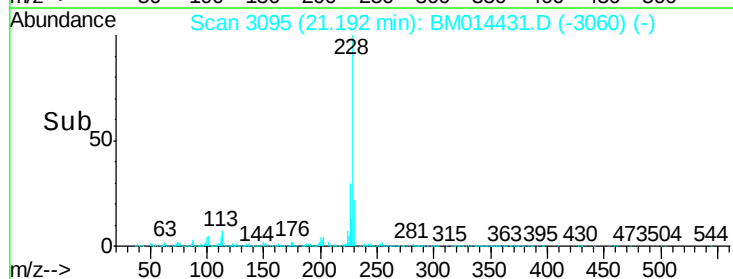
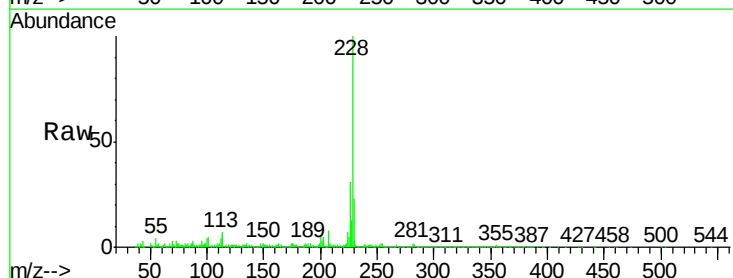
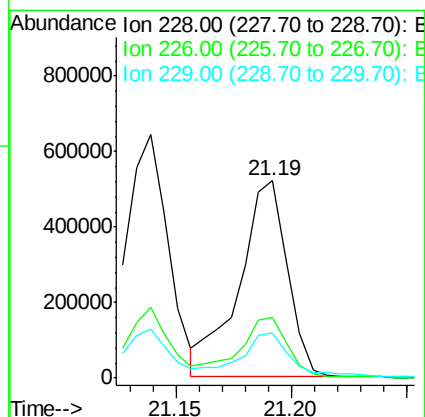
RT: 21.19 min Scan# 3095

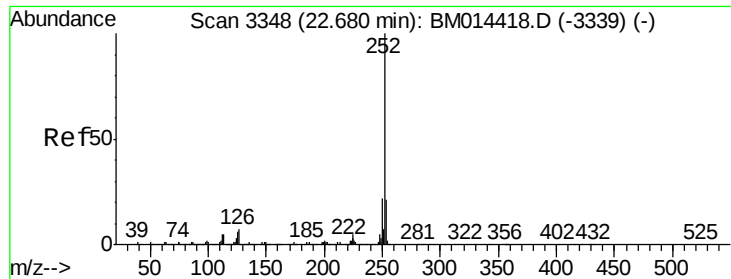
Delta R.T. 0.01 min

Lab File: BM014431.D

Acq: 01 Mar 2018 09:19

Tgt Ion:	228	Resp:	756192
Ion Ratio	Lower	Upper	
228	100		
226	30.6	23.4	35.2
229	22.9	15.5	23.3





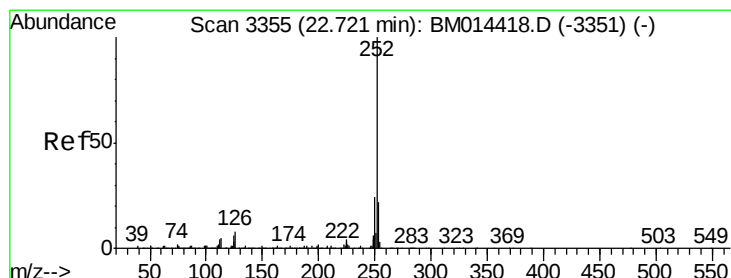
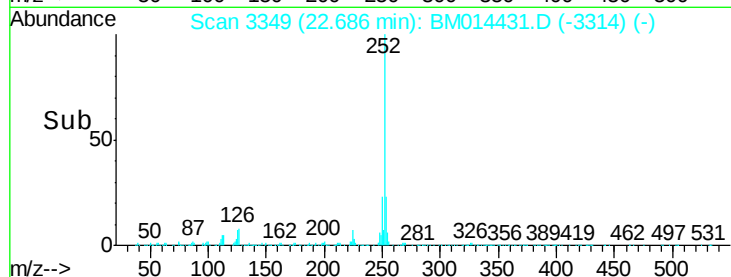
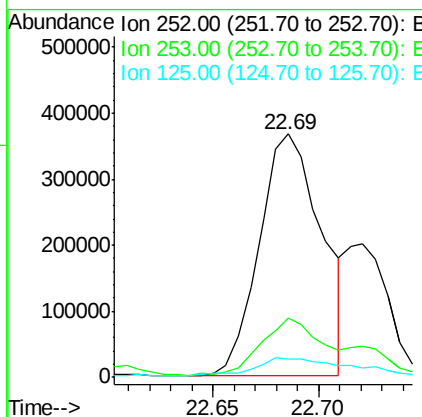
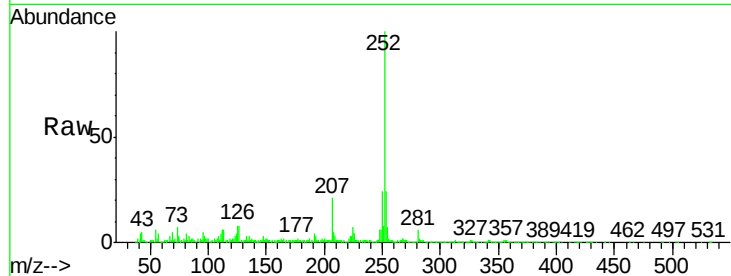
#85
Benzo(b)fluoranthene
Concen: 18.444 ng/ul
RT: 22.69 min Scan# 3349
Delta R.T. 0.01 min
Lab File: BM014431.D
Acq: 01 Mar 2018 09:19

Instrument :
BNA_M
ClientSampled :
BE610

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.9	26.9
125	7.6	3.6	5.4

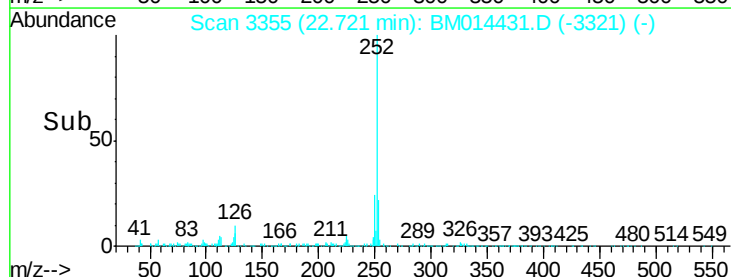
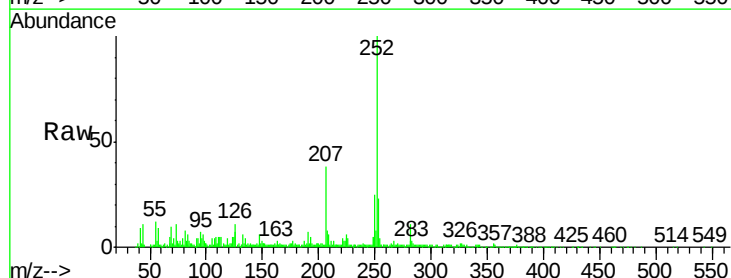
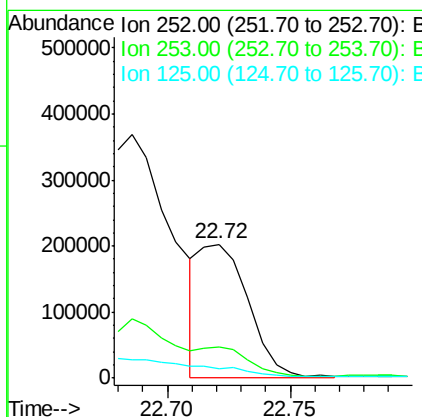
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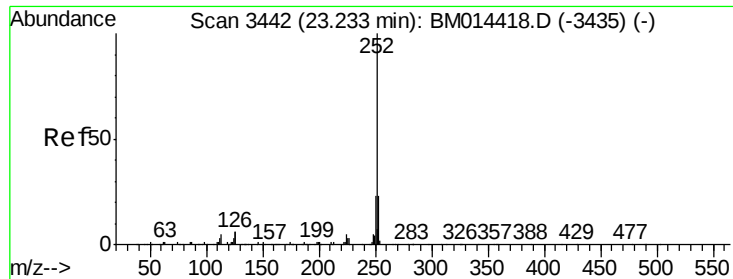
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#86
Benzo(k)fluoranthene
Concen: 7.237 ng/ul m
RT: 22.72 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BM014431.D
Acq: 01 Mar 2018 09:19

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	6.8	3.4	5.2





#88

Benzo(a)pyrene

Concen: 13.951 ng/ul

RT: 23.23 min Scan# 3442

Delta R.T. 0.00 min

Lab File: BM014431.D

Acq: 01 Mar 2018 09:19

Instrument :

BNA_M

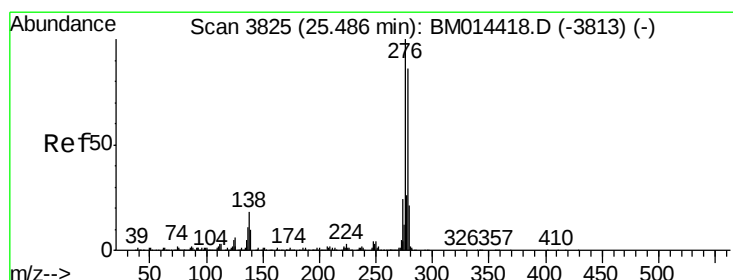
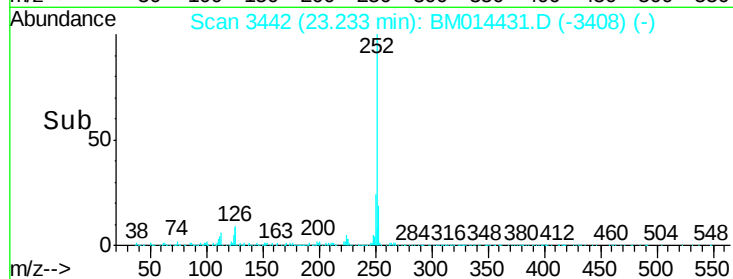
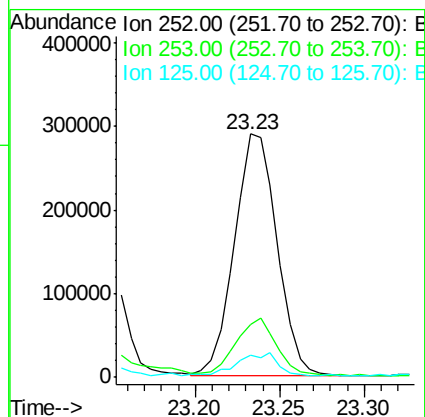
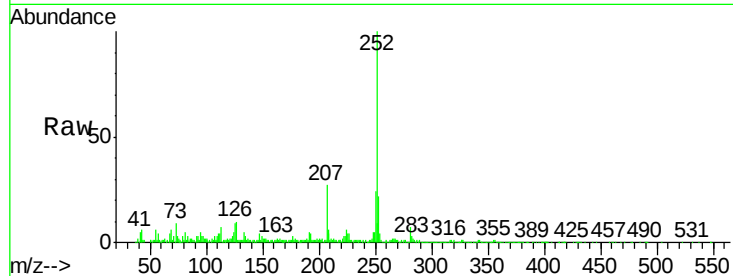
ClientSampled :

BE610

Tot Ion:	252	Resp:	507720
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.2	27.2
125	8.9	4.0	6.0#

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#89

Indeno(1,2,3-cd)pyrene

Concen: 8.489 ng/ul

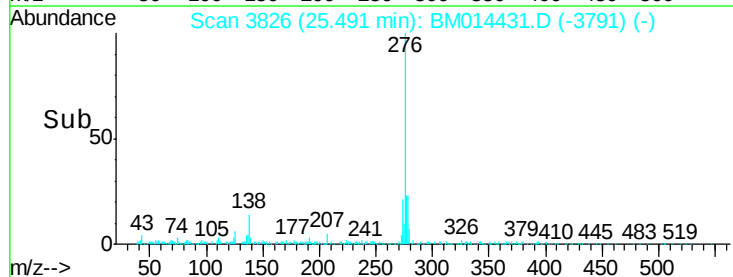
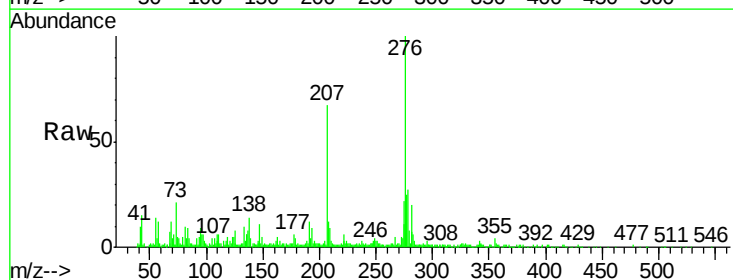
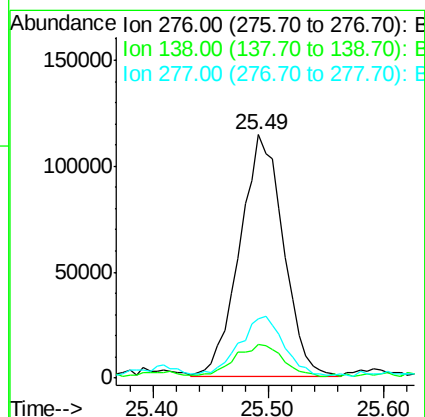
RT: 25.49 min Scan# 3826

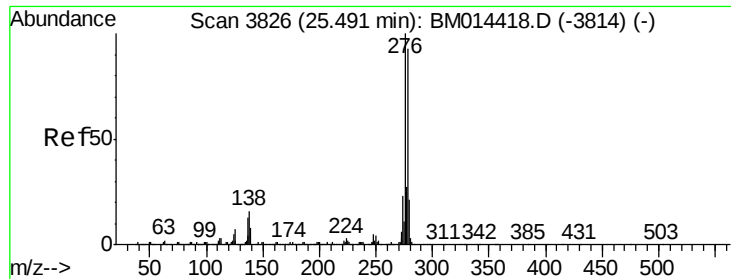
Delta R.T. 0.01 min

Lab File: BM014431.D

Acq: 01 Mar 2018 09:19

Tgt Ion:	276	Resp:	299795
Ion Ratio	Lower	Upper	
276	100		
138	14.0	9.3	13.9#
277	24.6	19.9	29.9





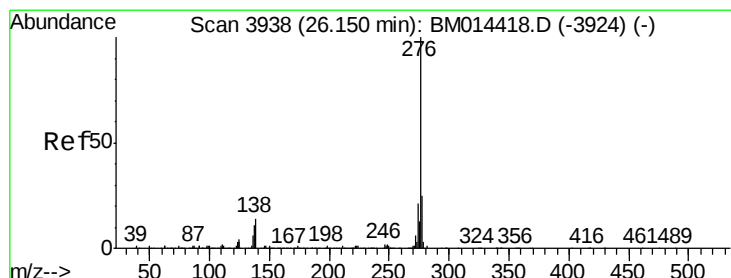
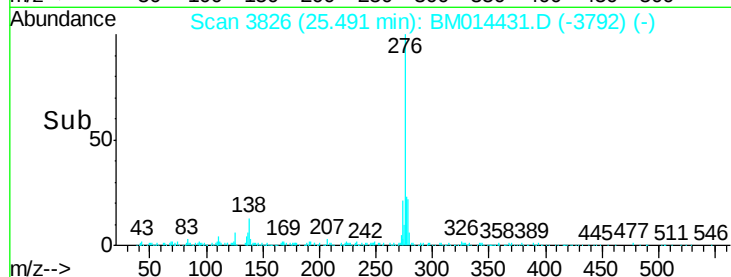
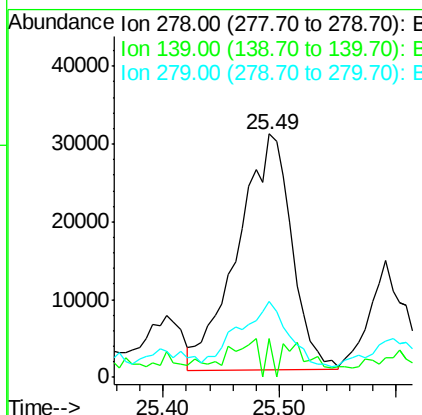
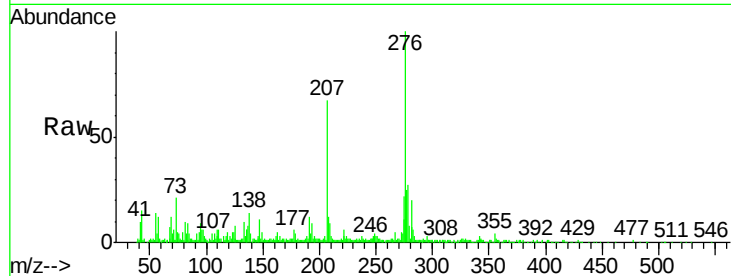
#90
Dibenzo(a,h)anthracene
Concen: 3.320 ng/ul m
RT: 25.49 min Scan# 3826
Delta R.T. 0.00 min
Lab File: BM014431.D
Acq: 01 Mar 2018 09:19

Instrument :
BNA_M
ClientSampleId :
BE610

Tot Ion	Ratio	Lower	Upper
278	100		
139	15.8	5.8	8.8#
279	31.1	18.6	27.8#

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#91
Benzo(g,h,i)perylene
Concen: 9.176 ng/ul
RT: 26.16 min Scan# 3939
Delta R.T. 0.01 min
Lab File: BM014431.D
Acq: 01 Mar 2018 09:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.0	8.5	12.7#
277	23.9	18.6	28.0

