

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
 Data File : BM014441.D
 Acq On : 01 Mar 2018 20:10
 Operator : SJ/JU
 Sample : J1646-16
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y0

Manual Integrations
 APPROVED

Sohil
 3/2/2018 3:31:58 PM

Quant Time: Mar 02 10:17:50 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	102072	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	485129	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	293241	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	683557	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	740229	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	596302	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	7819	3.28	ng/uL	0.00
5) Phenol-d5	6.72	99	208581	24.18	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	148562	28.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	199210	30.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	163644	21.68	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	104263	29.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	122330	32.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	206399	26.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	256496	33.87	ng/ul	0.00
43) Dimethylphthalate-d6	13.59	166	722006	29.82	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	924985	30.98	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	15684m	4.69	ng/ul	0.05
57) Fluorene-d10	15.17	176	608848	28.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	39915	9.73	ng/ul	0.00
70) Anthracene-d10	17.03	188	984849	29.86	ng/ul	0.00
76) Pyrene-d10	19.34	212	1190078	31.17	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	872860	30.08	ng/ul	0.00

Target Compounds

					Ovalue	
6) Phenol	6.74	94	33646	3.717	ng/ul#	88
14) Acetophenone	8.34	105	66972	5.143	ng/ul	92
44) Dimethylphthalate	13.64	163	160545	6.723	ng/ul	97
49) Acenaphthene	14.24	153	32262	1.623	ng/ul#	95
58) Fluorene	15.23	166	37937	1.475	ng/ul#	97
64) N-Nitrosodiphenylamine	15.45	169	39718	2.022	ng/ul#	94
69) Phenanthrene	16.97	178	767578	19.490	ng/ul	99
71) Anthracene	17.07	178	170357	4.301	ng/ul	97
72) Carbazole	17.36	167	68042	2.043	ng/ul	96
74) Fluoranthene	19.01	202	1361322	28.932	ng/ul#	94
77) Pyrene	19.37	202	1232278	25.050	ng/ul#	92
80) Benzo(a)anthracene	21.13	228	701967	15.195	ng/ul	100
82) Chrysene	21.19	228	613966	14.246	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	689316	17.264	ng/ul#	98
86) Benzo(k)fluoranthene	22.72	252	221655	5.839	ng/ul#	94
88) Benzo(a)pyrene	23.24	252	479772	13.447	ng/ul	98
89) Indeno(1,2,3-cd)pyrene	25.51	276	280302	8.096	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.51	278	78771	2.738	ng/ul#	79
91) Benzo(g,h,i)perylene	26.17	276	232011	8.272	ng/ul#	94

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

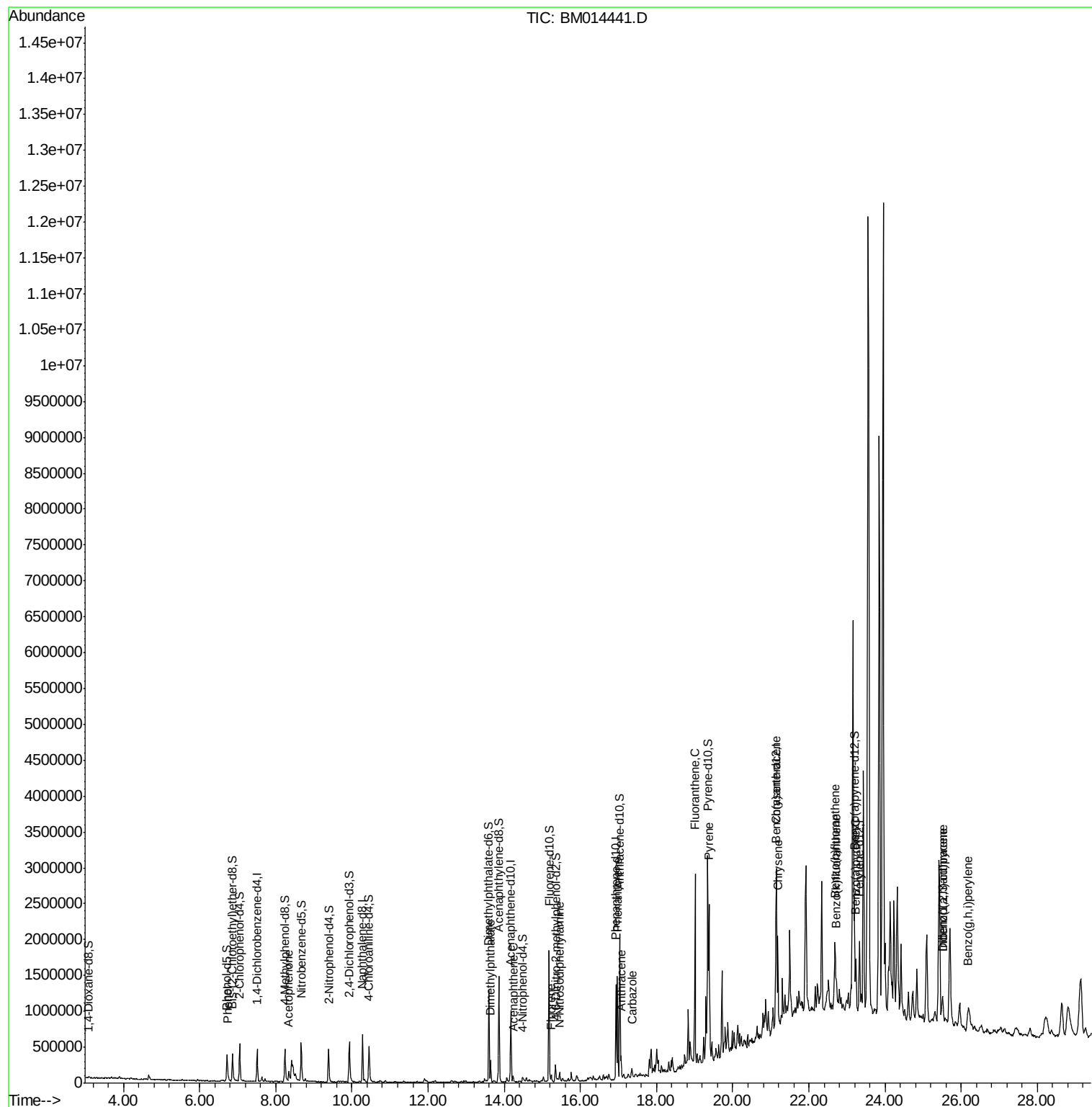
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014441.D
Acq On : 01 Mar 2018 20:10
Operator : SJ/JU
Sample : J1646-16
Misc :
ALS Vial : 5 Sample Multiplier: 1

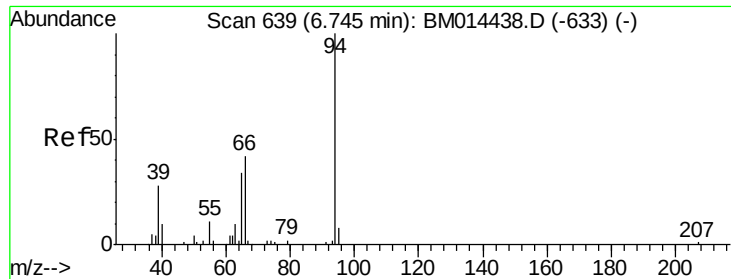
Instrument :
BNA_M
ClientSampleId :
BE5Y0

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Quant Time: Mar 02 10:17:50 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





#6

Phenol

Concen: 3.717 ng/ul

RT: 6.74 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM014441.D

Acq: 01 Mar 2018 20:10

Instrument :

BNA_M

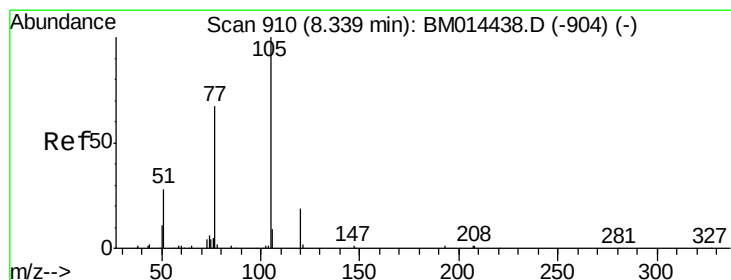
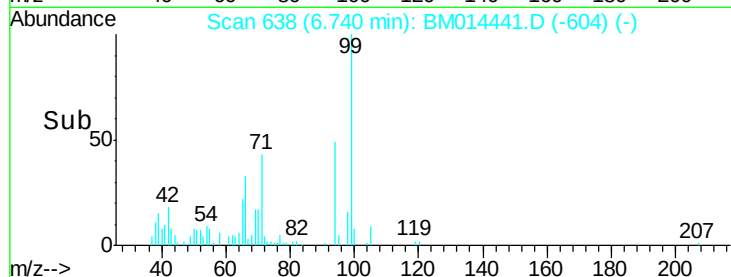
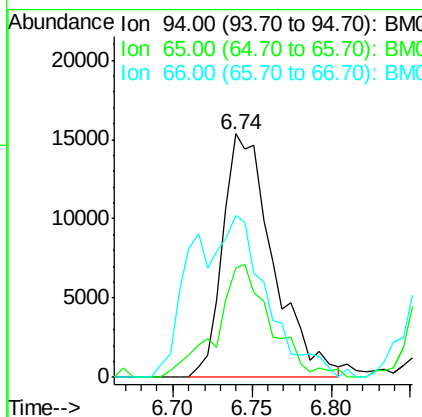
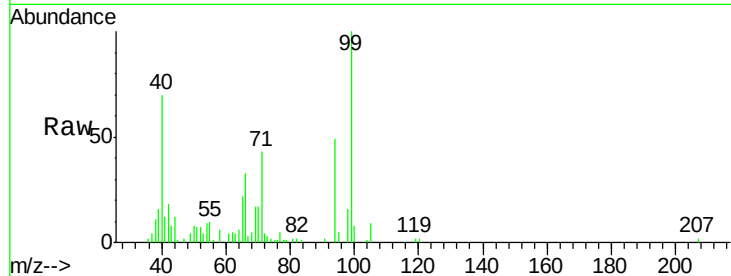
ClientSampleId :

BE5Y0

Tot Ion:	94	Resp:	33646
Ion	Ratio	Lower	Upper
94	100		
65	44.6	28.2	42.4#
66	66.5	47.2	70.8

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#14

Acetophenone

Concen: 5.143 ng/ul

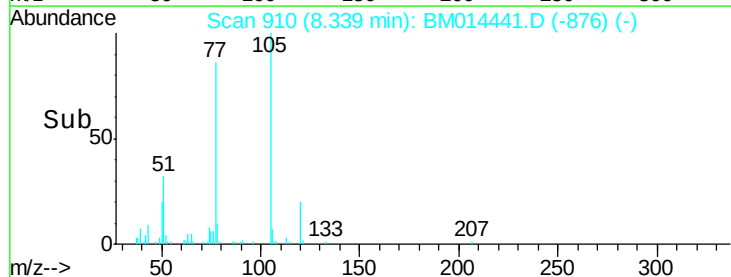
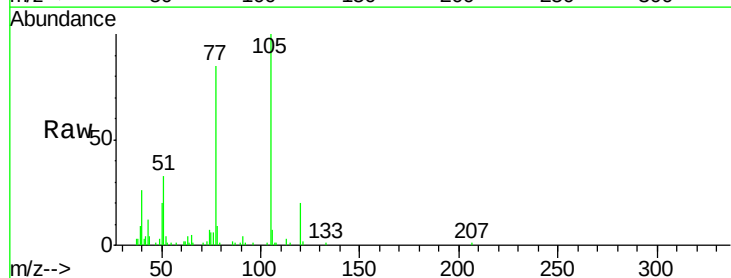
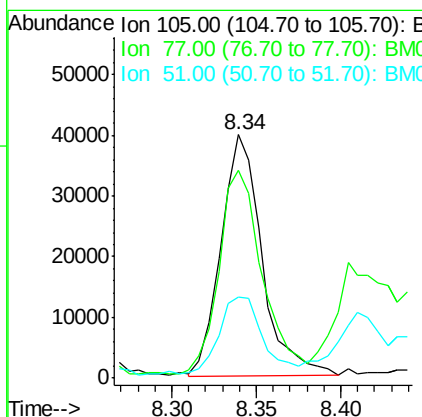
RT: 8.34 min Scan# 910

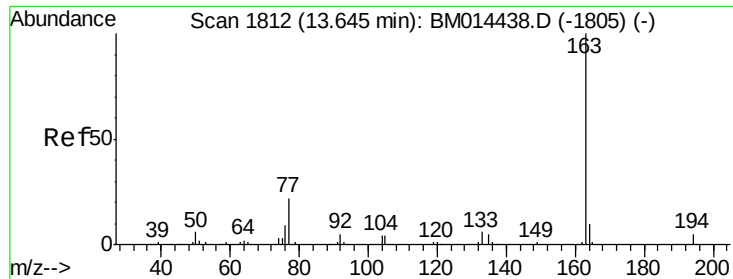
Delta R.T. 0.00 min

Lab File: BM014441.D

Acq: 01 Mar 2018 20:10

Tgt Ion:	105	Resp:	66972
Ion	Ratio	Lower	Upper
105	100		
77	85.3	74.2	111.4
51	33.2	23.4	35.2





#44

Dimethylphthalate

Concen: 6.723 ng/ul

RT: 13.64 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BM014441.D

Acq: 01 Mar 2018 20:10

Instrument :

BNA_M

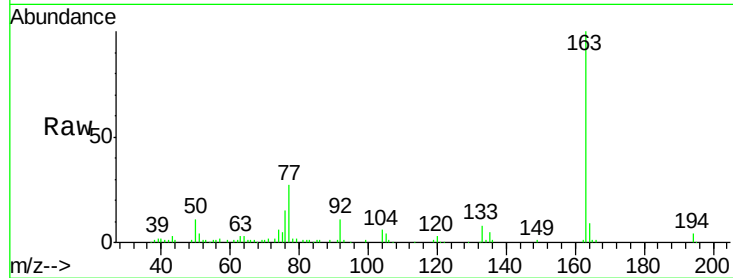
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BE5Y0

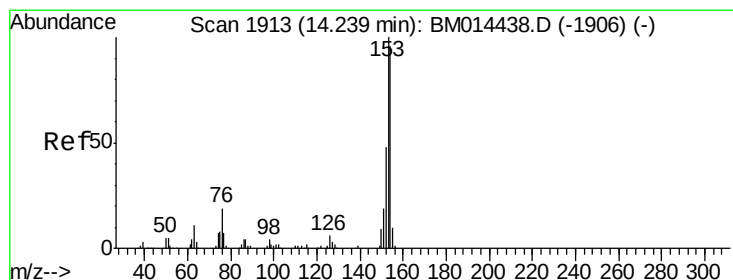
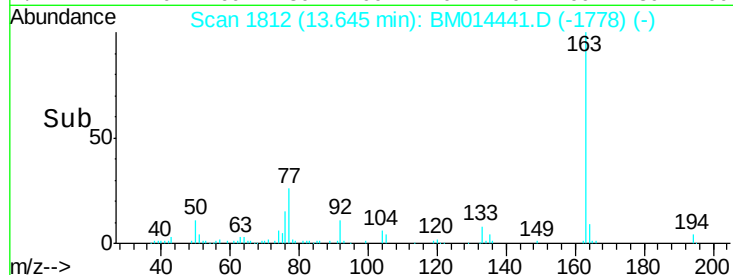
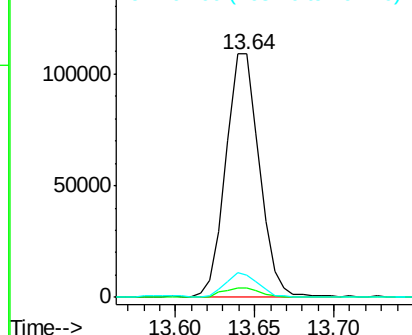
Tot Ion:	163	Resp:	160545
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.5	5.3
164	9.0	8.2	12.4

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#49

Acenaphthene

Concen: 1.623 ng/ul

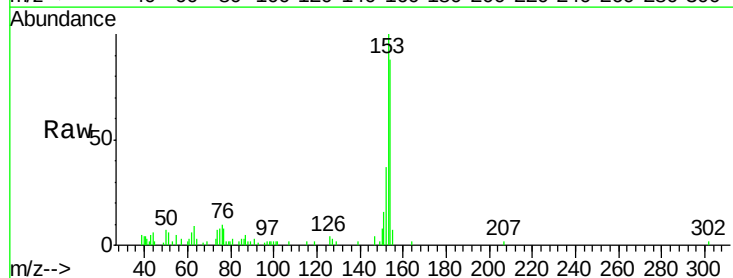
RT: 14.24 min Scan# 1913

Delta R.T. 0.00 min

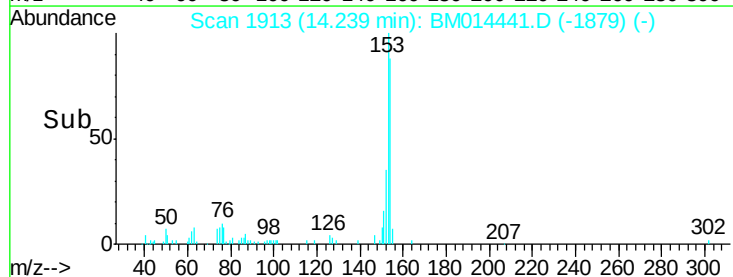
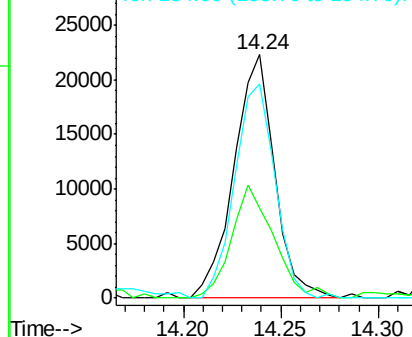
Lab File: BM014441.D

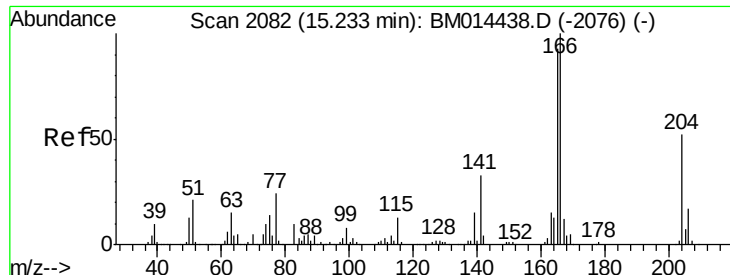
Acq: 01 Mar 2018 20:10

Tgt Ion:	153	Resp:	32262
Ion Ratio	Lower	Upper	
153	100		
152	37.1	37.6	56.4#
154	87.8	70.4	105.6



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





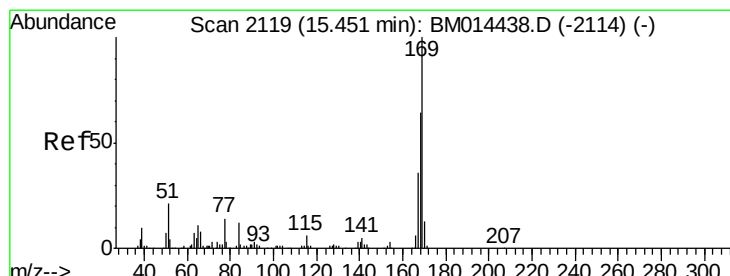
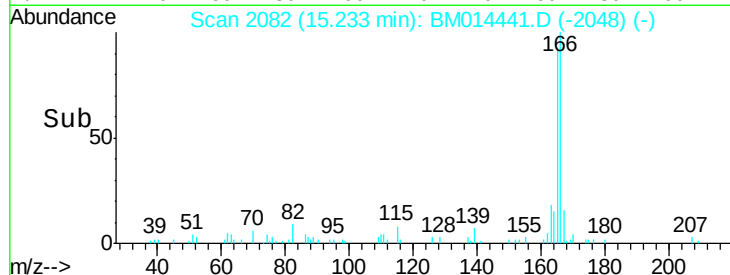
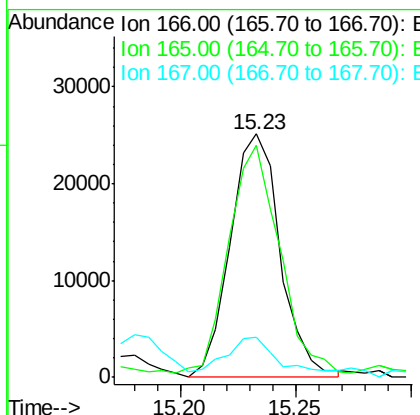
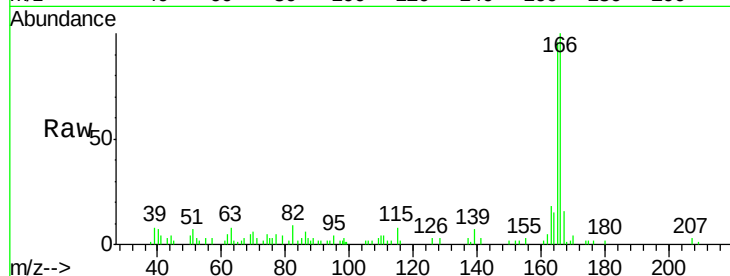
#58
Fluorene
 Concen: 1.475 ng/ul
 RT: 15.23 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BM014441.D
 Acq: 01 Mar 2018 20:10

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y0

Tot Ion	Ratio	Lower	Upper
166	100		
165	95.6	77.9	116.9
167	16.5	10.6	16.0

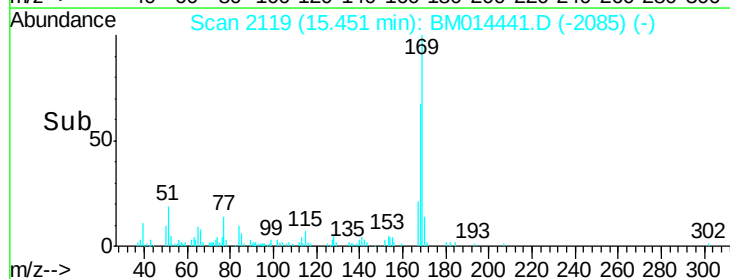
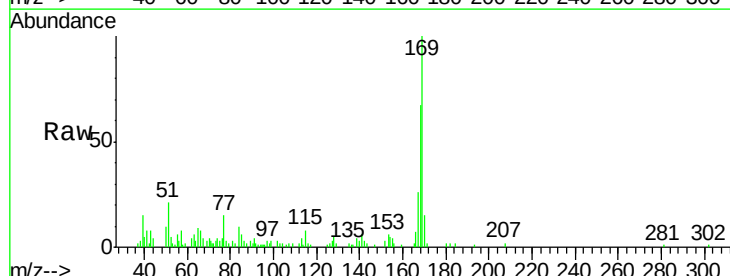
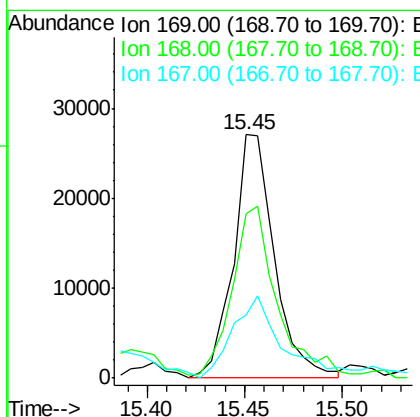
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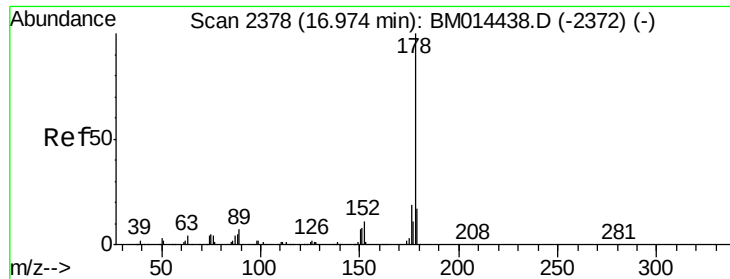
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#64
N-Nitrosodiphenylamine
 Concen: 2.022 ng/ul
 RT: 15.45 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BM014441.D
 Acq: 01 Mar 2018 20:10

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.4	54.0	81.0
167	25.7	29.1	43.7





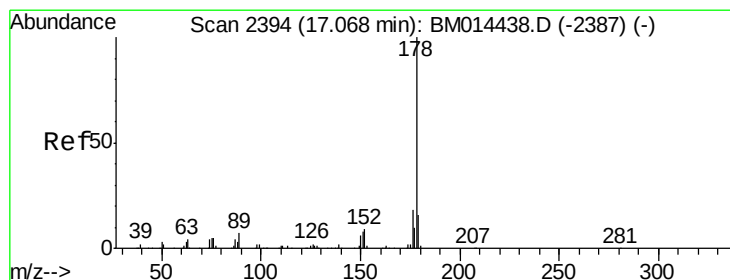
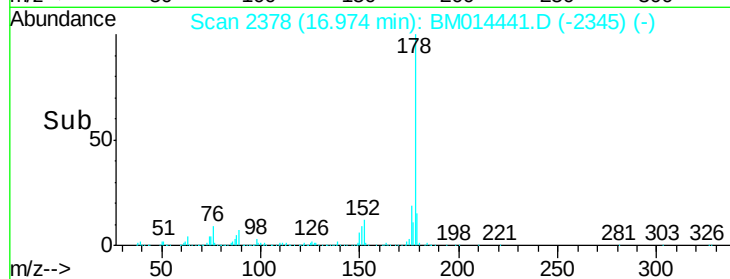
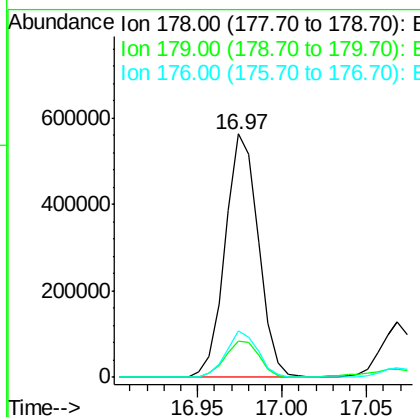
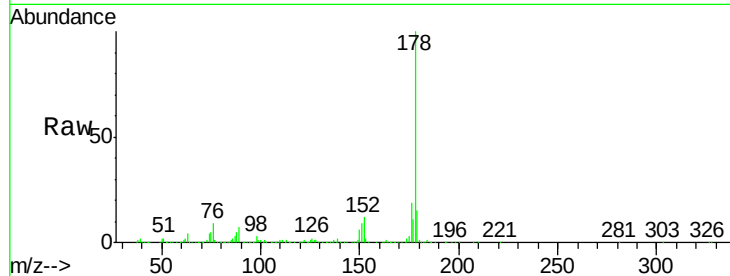
#69
Phenanthrene
Concen: 19.490 ng/ul
RT: 16.97 min Scan# 2378
Delta R.T. -0.01 min
Lab File: BM014441.D
Acq: 01 Mar 2018 20:10

Instrument :
BNA_M
ClientSampleId :
BE5Y0

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

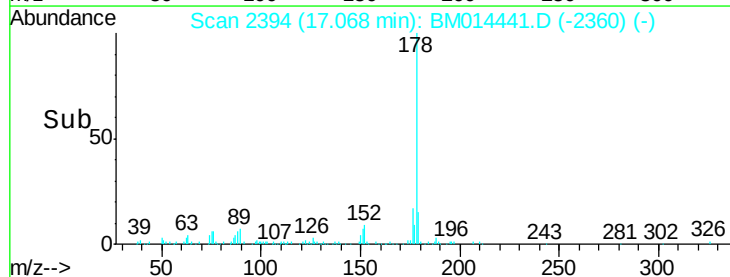
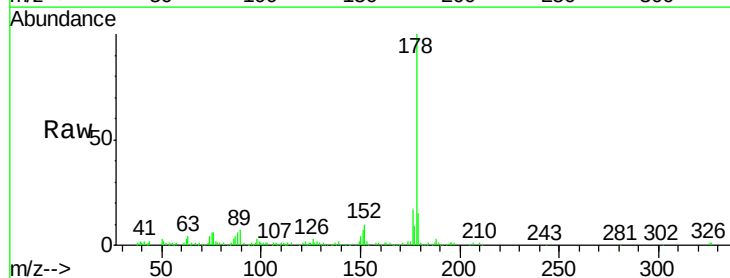
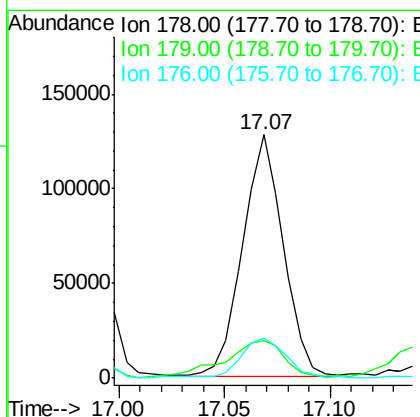
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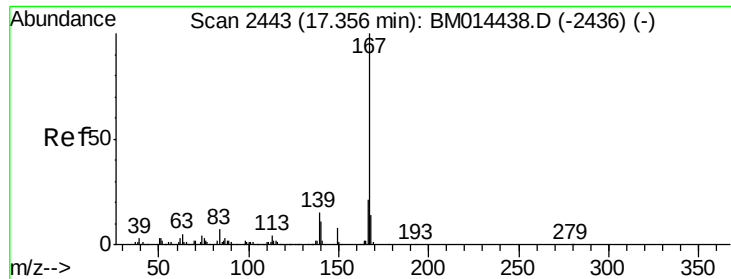
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#71
Anthracene
Concen: 4.301 ng/ul
RT: 17.07 min Scan# 2394
Delta R.T. 0.00 min
Lab File: BM014441.D
Acq: 01 Mar 2018 20:10

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.2	11.7	17.5
176	16.6	14.6	21.8





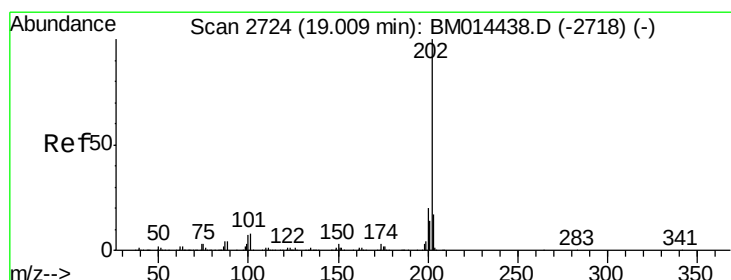
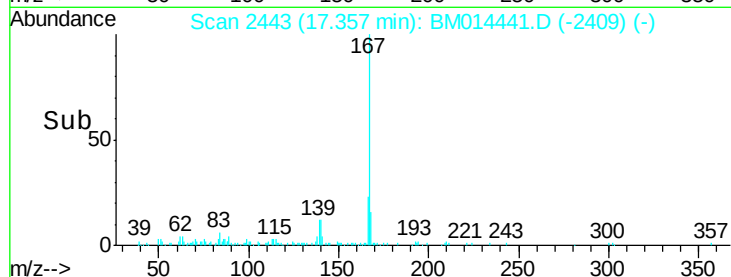
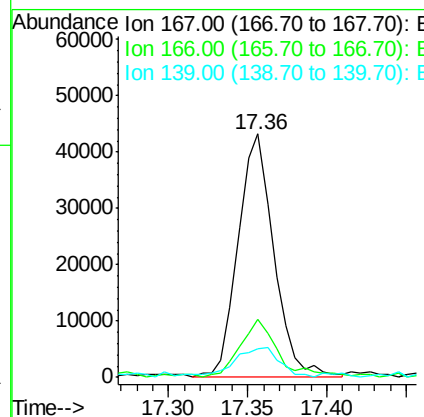
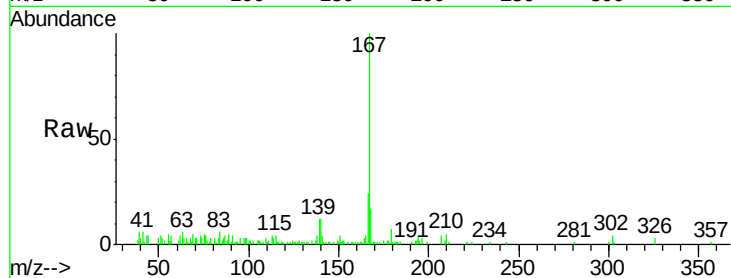
#72
 Carbazole
 Concen: 2.043 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BM014441.D
 Acq: 01 Mar 2018 20:10

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y0

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		68042		
166	23.7		17.1	25.7	
139	11.9		10.0	15.0	

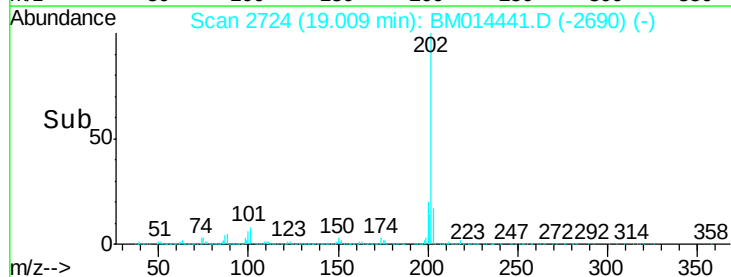
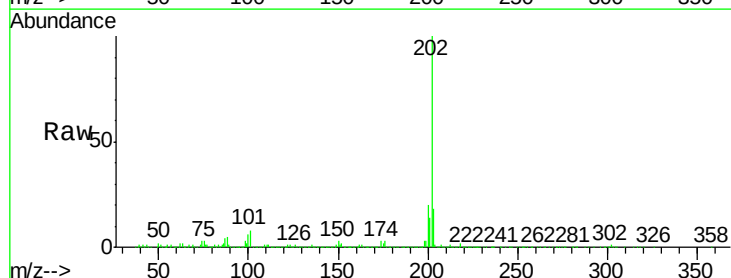
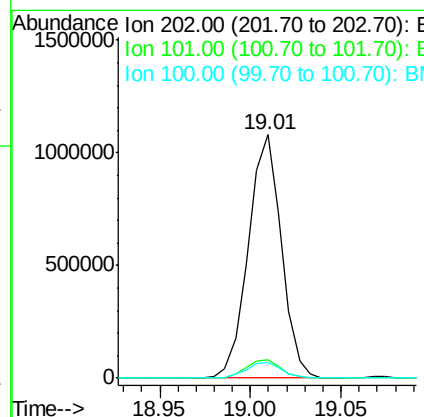
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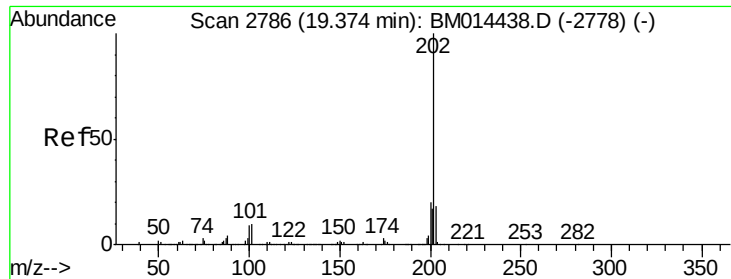
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#74
 Fluoranthene
 Concen: 28.932 ng/ul
 RT: 19.01 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: BM014441.D
 Acq: 01 Mar 2018 20:10

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		1361322		
101	7.8		4.6	7.0#	
100	6.5		3.4	5.2#	





#77

Pvrene

Concen: 25.050 ng/ul

RT: 19.37 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM014441.D

Acq: 01 Mar 2018 20:10

Instrument :

BNA_M

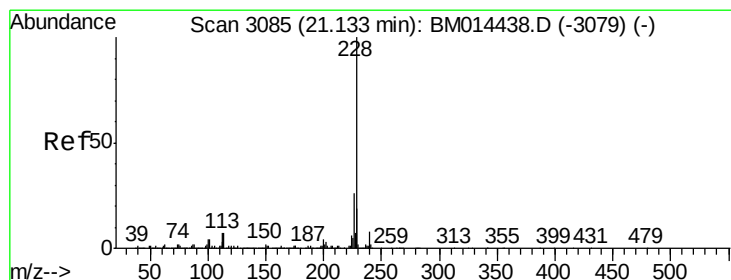
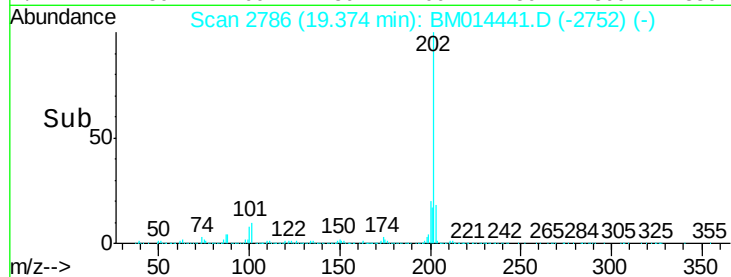
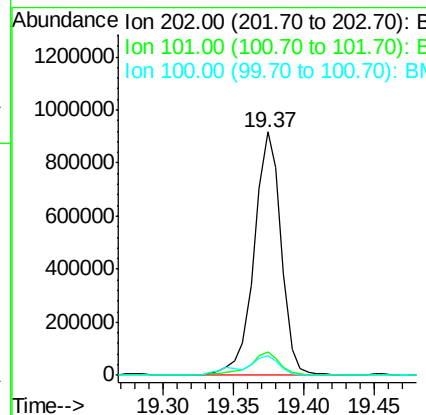
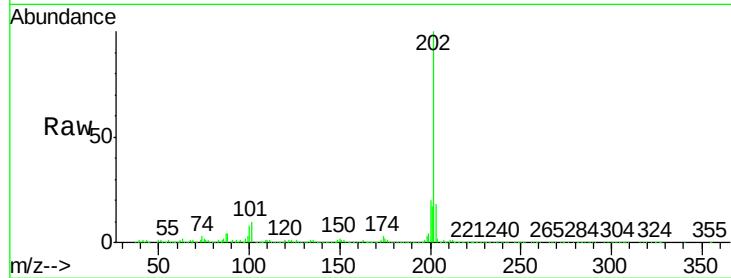
ClientSampleId :

BE5Y0

Tot Ion:	202	Resp:	1232278
Ion Ratio	Lower	Upper	
202	100		
101	9.7	5.1	7.7#
100	8.0	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 15.195 ng/ul

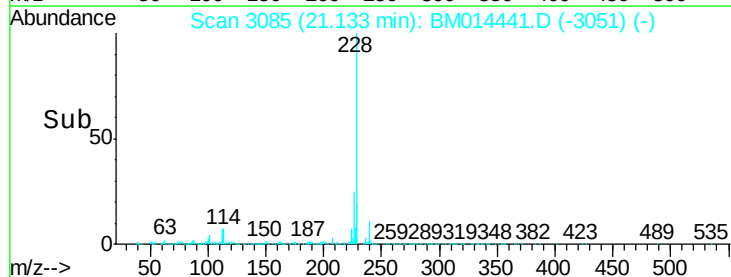
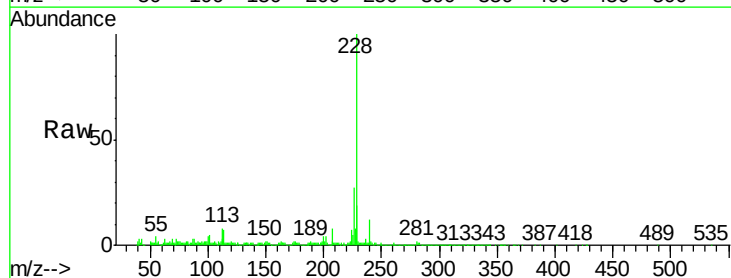
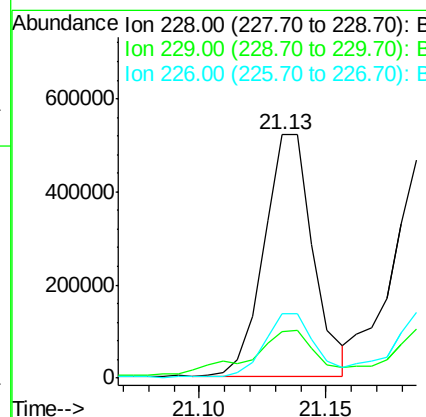
RT: 21.13 min Scan# 3085

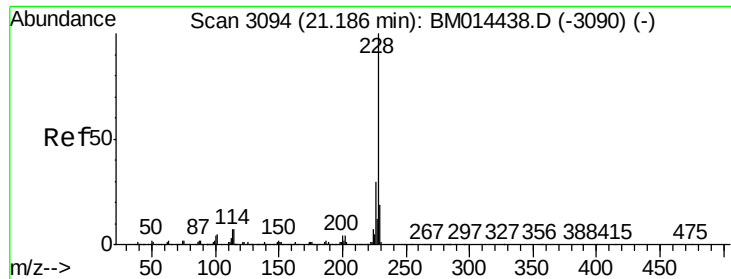
Delta R.T. 0.00 min

Lab File: BM014441.D

Acq: 01 Mar 2018 20:10

Tgt Ion:	228	Resp:	701967
Ion Ratio	Lower	Upper	
228	100		
229	19.4	15.4	23.0
226	26.5	21.4	32.0





#82

Chrysene

Concen: 14.246 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM014441.D

Acq: 01 Mar 2018 20:10

Instrument :

BNA_M

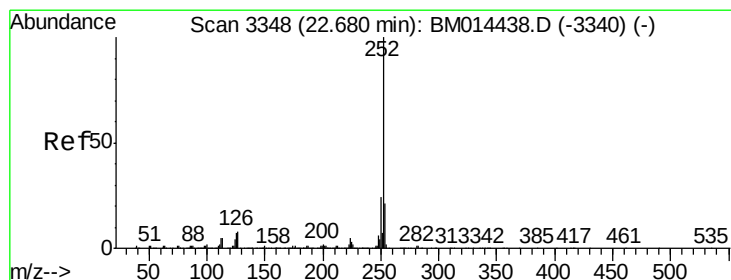
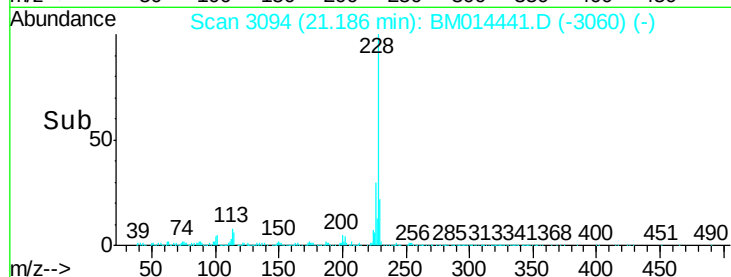
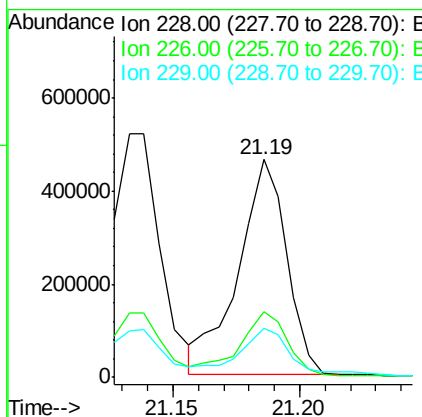
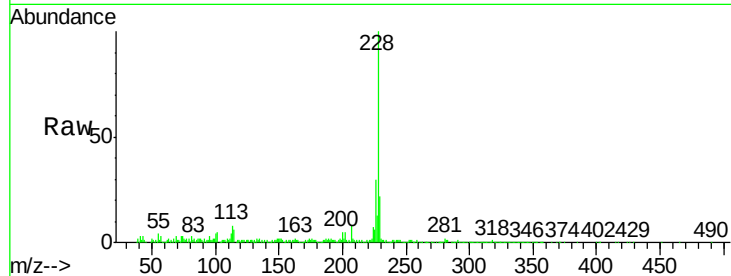
ClientSampleId :

BE5Y0

Tot Ion:	228	Resp:	613966
Ion Ratio	Lower	Upper	
228	100		
226	30.1	23.4	35.2
229	22.2	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 17.264 ng/ul

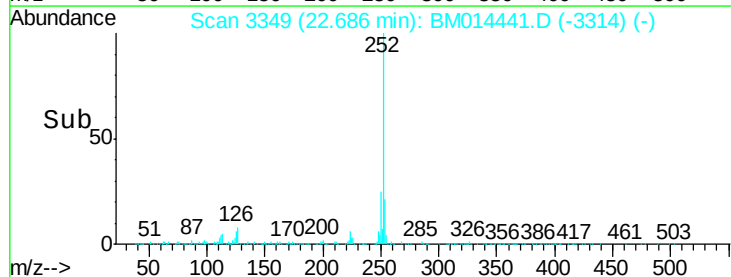
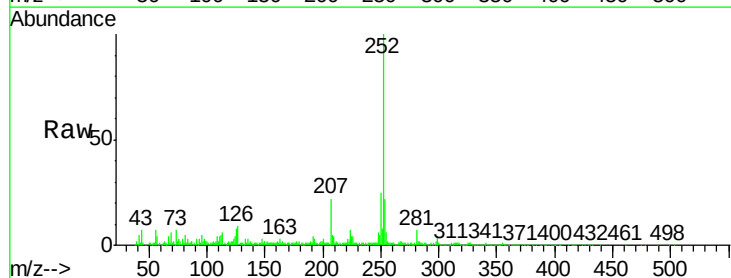
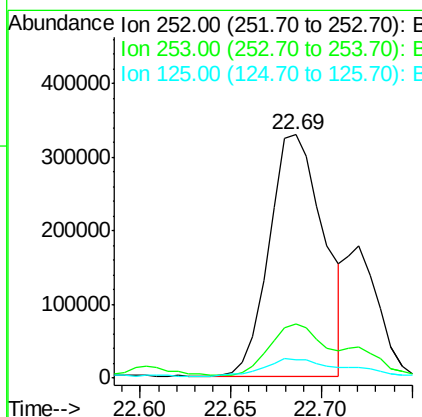
RT: 22.69 min Scan# 3349

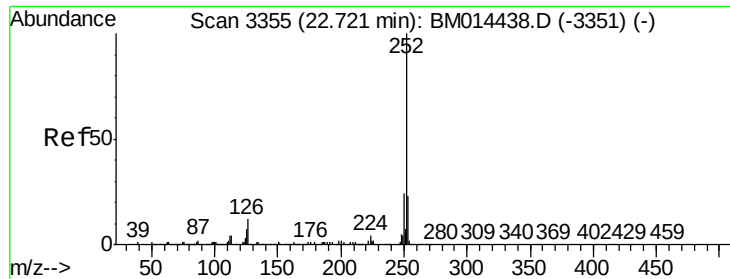
Delta R.T. 0.01 min

Lab File: BM014441.D

Acq: 01 Mar 2018 20:10

Tgt Ion:	252	Resp:	689316
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.9	26.9
125	7.7	3.6	5.4#





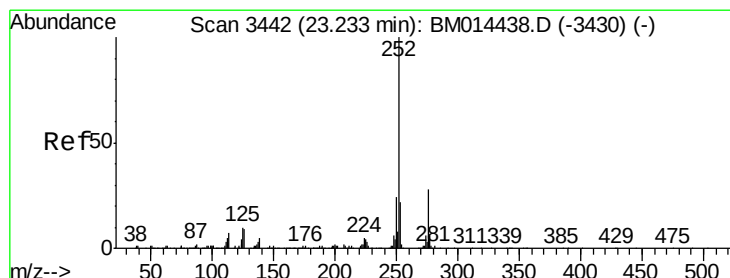
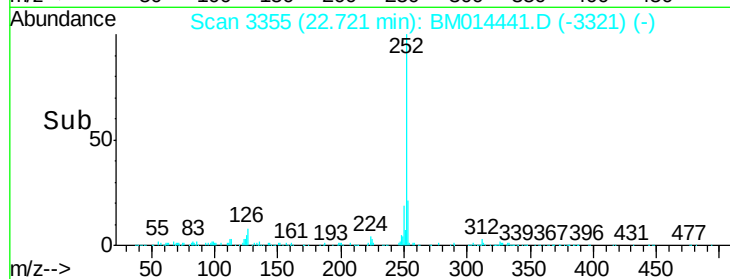
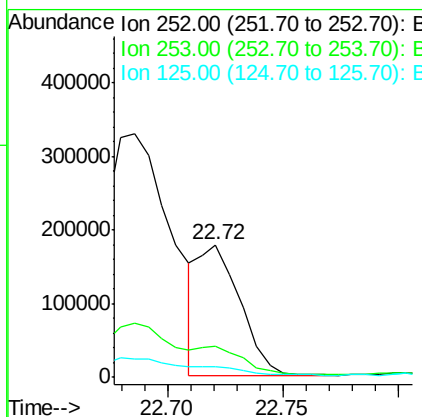
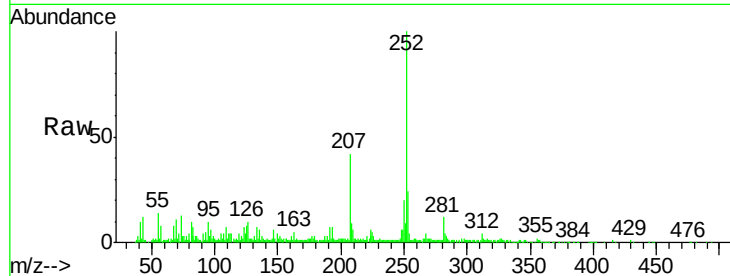
#86
Benzo(k)fluoranthene
Concen: 5.839 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BM014441.D
Acq: 01 Mar 2018 20:10

Instrument :
BNA_M
ClientSampled :
BE5Y0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	8.4	3.4	5.2

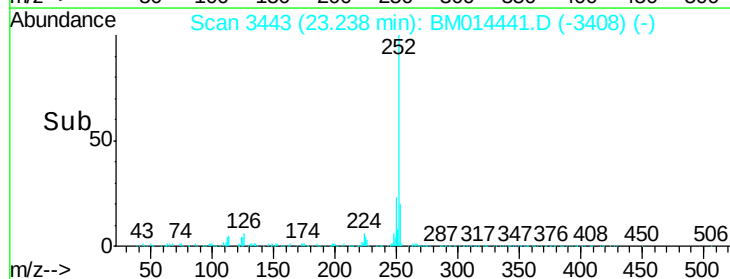
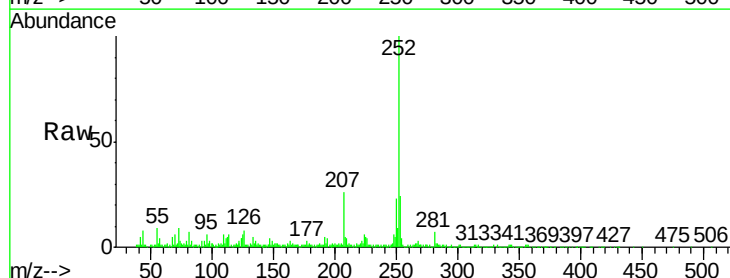
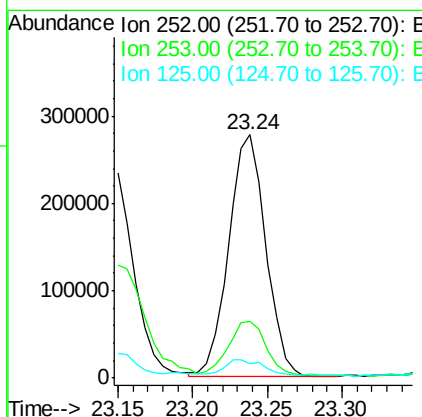
Manual Integrations
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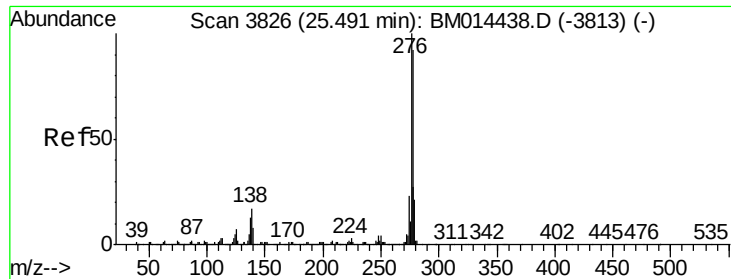
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#88
Benzo(a)pyrene
Concen: 13.447 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM014441.D
Acq: 01 Mar 2018 20:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.2	27.2
125	5.9	4.0	6.0





#89

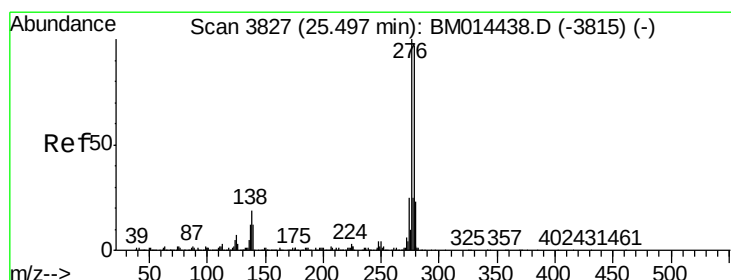
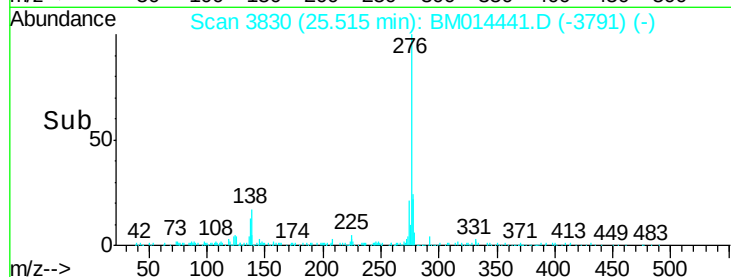
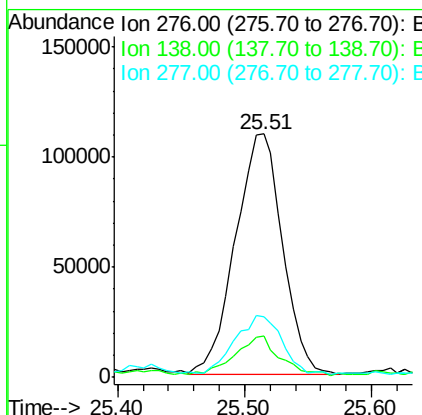
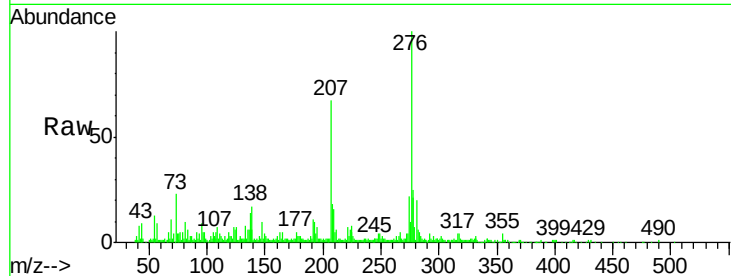
Indeno(1,2,3-cd)pyrene
Concen: 8.096 ng/ul
RT: 25.51 min Scan# 3830
Delta R.T. 0.03 min
Lab File: BM014441.D
Acq: 01 Mar 2018 20:10

Instrument :
BNA_M
ClientSampled :
BE5Y0

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.8	9.3	13.9#
277	25.1	19.9	29.9

Manual Integrations
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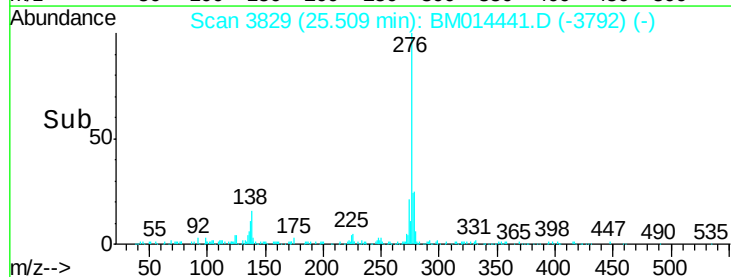
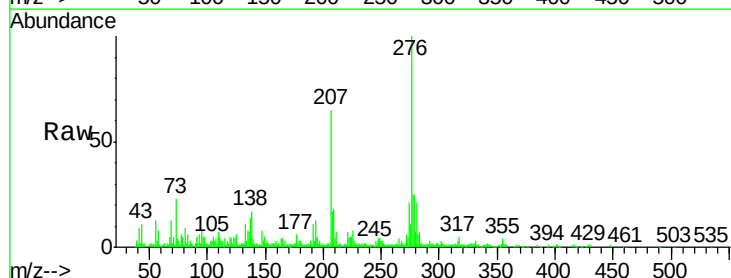
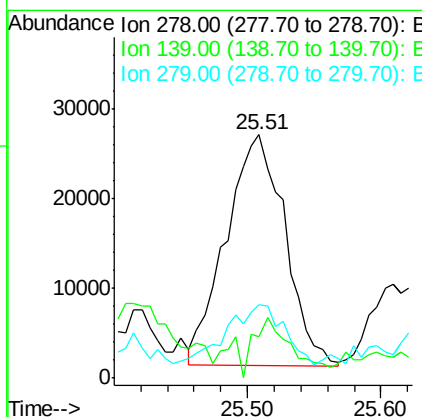
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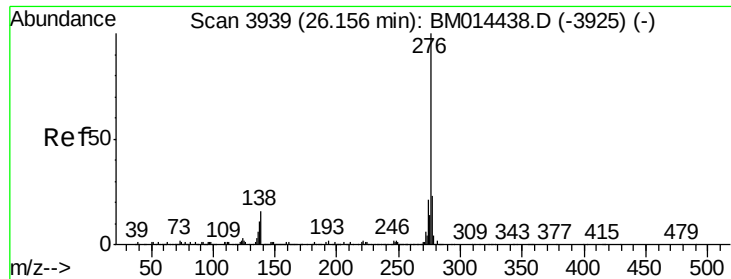


#90

Dibenzo(a,h)anthracene
Concen: 2.738 ng/ul
RT: 25.51 min Scan# 3829
Delta R.T. 0.02 min
Lab File: BM014441.D
Acq: 01 Mar 2018 20:10

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.9	5.8	8.8#
279	30.0	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 8.272 ng/ul

RT: 26.17 min Scan# 3942

Delta R.T. 0.02 min

Lab File: BM014441.D

Acq: 01 Mar 2018 20:10

Instrument :

BNA_M

ClientSampleId :

BE5Y0

Tot Ion:	276	Resp:	232011
Ion Ratio	Lower	Upper	
276	100		
138	16.1	8.5	12.7#
277	24.0	18.6	28.0

Manual Integrations
APPROVED

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3/2/2018 3:31:58 PM

