

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
 Data File : BM014456.D
 Acq On : 02 Mar 2018 11:43
 Operator : SJ/JU
 Sample : J1646-16RE
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y0RE

Manual Integrations
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 3/5/2018 3:20:55 PM

Quant Time: Mar 08 17:16:01 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 02 14:54:45 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	113027	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	516197	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	311806	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	713930	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	618131	20.00	ng/ul	0.00
83) Perylene-d12	23.34	264	477061	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	10137	3.84	ng/uL	0.00
5) Phenol-d5	6.72	99	227065	23.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	166566	28.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	217428	29.68	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	182448	21.83	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	116181	30.46	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	130955	33.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.94	165	224090	27.40	ng/ul	0.01
29) 4-Chloroaniline-d4	10.45	131	282376	35.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	799196	31.04	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	998436	31.44	ng/ul	0.00
51) 4-Nitrophenol-d4	14.50	143	22214m	6.25	ng/ul	0.06
57) Fluorene-d10	15.18	176	669711	29.03	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	43322	10.12	ng/ul	0.02
70) Anthracene-d10	17.04	188	1062807	30.86	ng/ul	0.00
76) Pyrene-d10	19.35	212	1164083	36.51	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	717440	30.90	ng/ul	0.02

Target Compounds

				Ovalue	
6) Phenol	6.75	94	36510	3.642	ng/ul 94
14) Acetophenone	8.34	105	70066	4.859	ng/ul 93
44) Dimethylphthalate	13.64	163	175024	6.893	ng/ul 99
49) Acenaphthene	14.24	153	34062	1.612	ng/ul 90
58) Fluorene	15.24	166	38277	1.399	ng/ul# 89
64) N-Nitrosodiphenylamine	15.46	169	39862	1.943	ng/ul# 93
69) Phenanthrene	16.98	178	806997	19.619	ng/ul 98
71) Anthracene	17.07	178	182374	4.409	ng/ul 97
72) Carbazole	17.36	167	71372	2.052	ng/ul 99
74) Fluoranthene	19.02	202	1389434	28.273	ng/ul# 95
77) Pyrene	19.38	202	1220969	29.722	ng/ul# 94
80) Benzo(a)anthracene	21.14	228	580014	15.035	ng/ul 98
82) Chrysene	21.19	228	516031	14.339	ng/ul 96
85) Benzo(b)fluoranthene	22.69	252	576354	18.043	ng/ul# 96
86) Benzo(k)fluoranthene	22.73	252	167199m	5.505	ng/ul
88) Benzo(a)pyrene	23.24	252	388588	13.613	ng/ul# 98
89) Indeno(1,2,3-cd)pyrene	25.53	276	230904	8.336	ng/ul# 94
90) Dibenzo(a,h)anthracene	25.53	278	66485	2.889	ng/ul# 63
91) Benzo(g,h,i)perylene	26.20	276	197453	8.800	ng/ul# 95

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

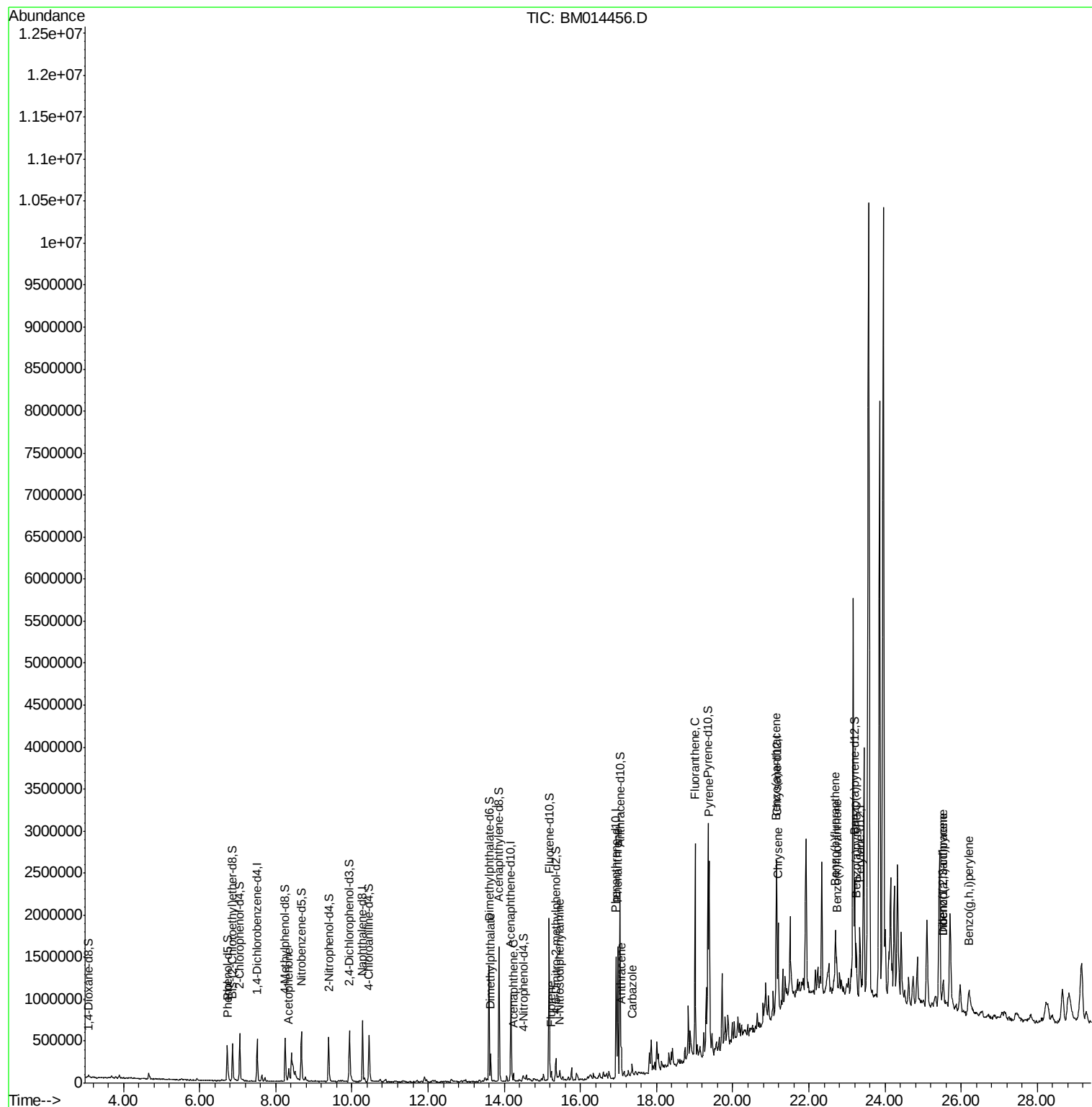
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014456.D
Acq On : 02 Mar 2018 11:43
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ALS Vial : 5 Sample Multiplier: 1

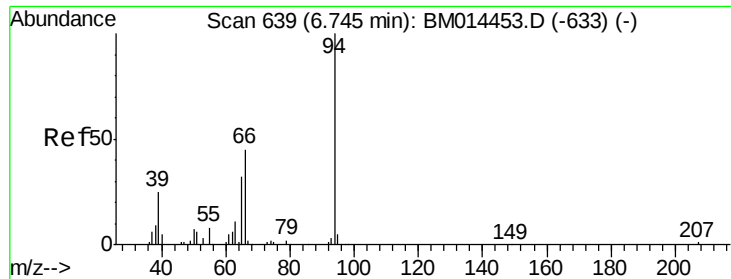
Instrument :
BNA_M
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BE5Y0RE

Quant Time: Mar 08 17:16:01 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Mar 02 14:54:45 2018
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#6

Phenol

Concen: 3.642 ng/ul

RT: 6.75 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM014456.D

Acq: 02 Mar 2018 11:43

Instrument :

BNA_M

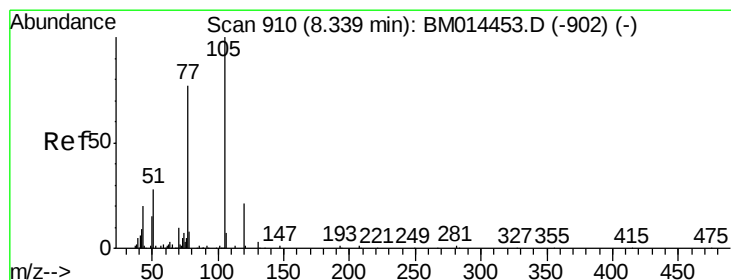
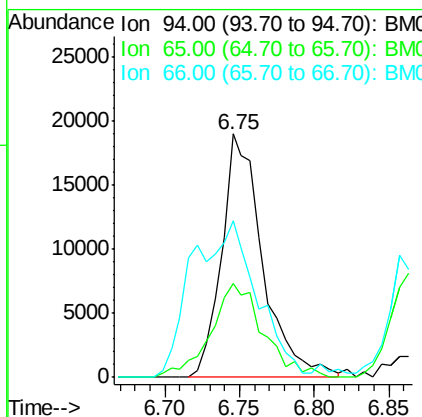
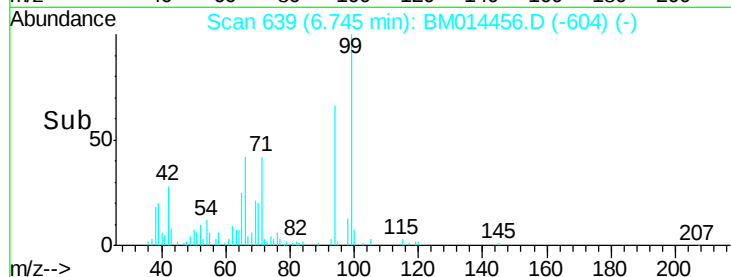
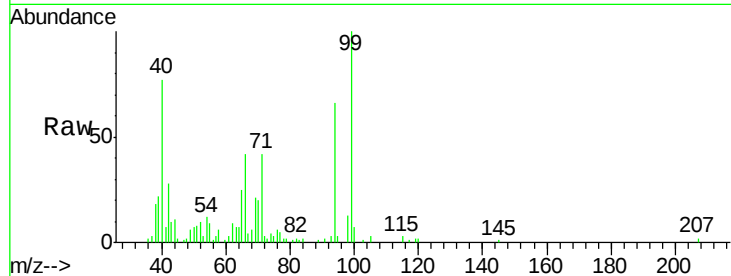
ClientSampled :

BE5Y0RE

Tot Ion:	94	Resp:	36510
Ion	Ratio	Lower	Upper
94	100		
65	38.5	28.2	42.4
66	64.2	47.2	70.8

Manual Integrations
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#14

Acetophenone

Concen: 4.859 ng/ul

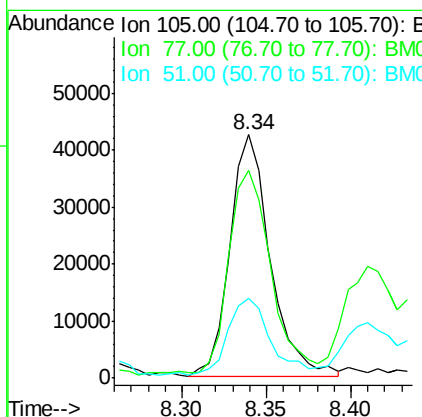
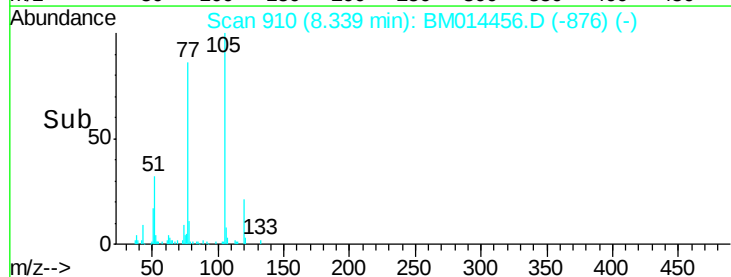
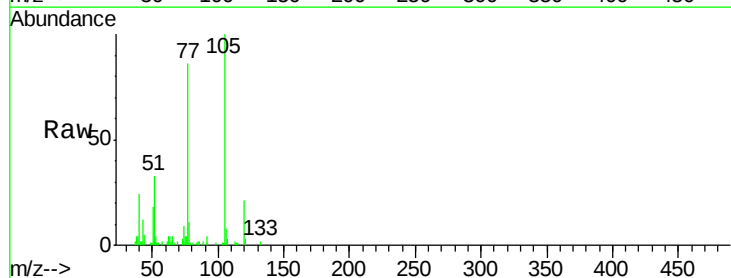
RT: 8.34 min Scan# 910

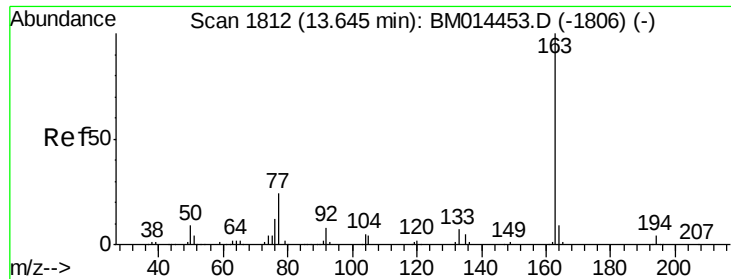
Delta R.T. 0.00 min

Lab File: BM014456.D

Acq: 02 Mar 2018 11:43

Tgt Ion:	105	Resp:	70066
Ion	Ratio	Lower	Upper
105	100		
77	85.5	74.2	111.4
51	32.9	23.4	35.2





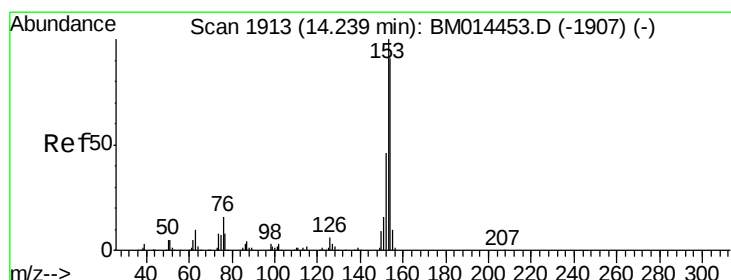
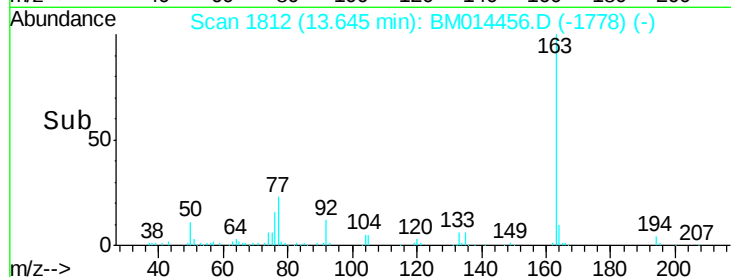
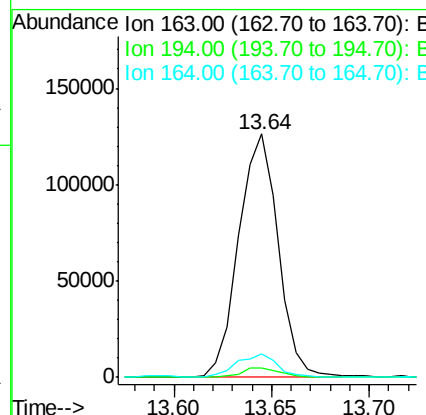
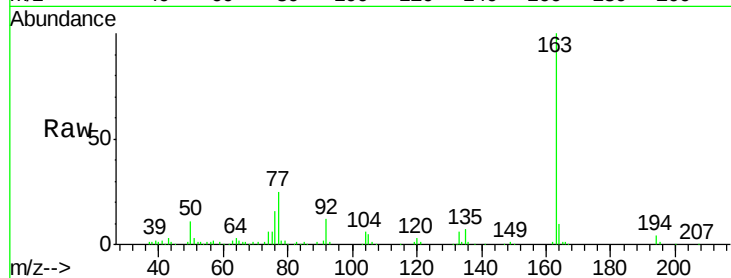
#44
Dimethylphthalate
Concen: 6.893 ng/ul
RT: 13.64 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014456.D
Acq: 02 Mar 2018 11:43

Instrument :
BNA_M
ClientSampleId :
BE5Y0RE

Tot Ion	Ratio	Resp	Lower	Upper
163	100	175024		
194	4.0		3.5	5.3
164	9.7		8.2	12.4

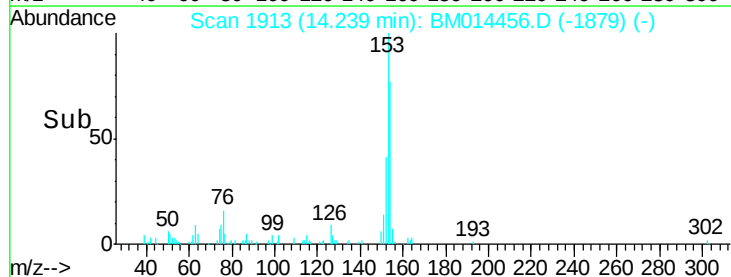
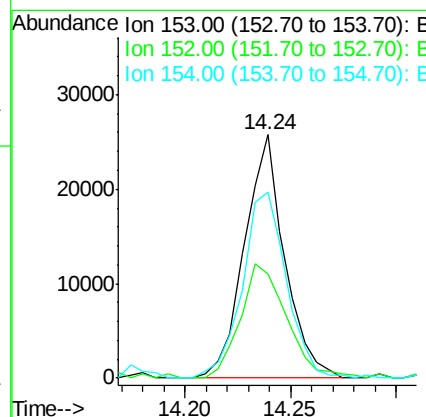
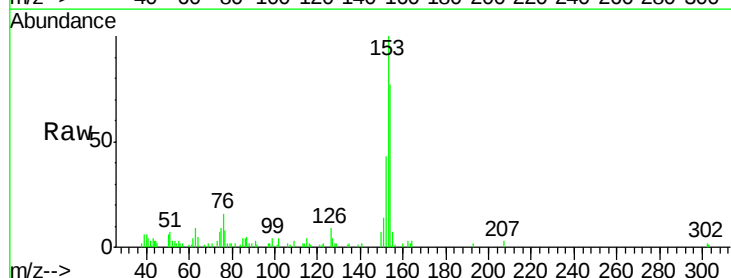
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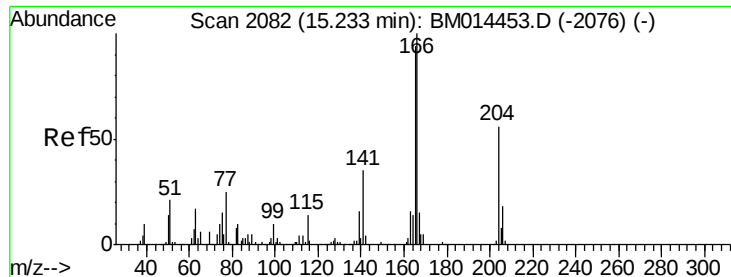
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#49
Acenaphthene
Concen: 1.612 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BM014456.D
Acq: 02 Mar 2018 11:43

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	34062		
152	42.8		37.6	56.4
154	76.5		70.4	105.6





#58

Fluorene

Concen: 1.399 ng/ul

RT: 15.24 min Scan# 2083

Delta R.T. 0.01 min

Lab File: BM014456.D

Acq: 02 Mar 2018 11:43

Instrument :

BNA_M

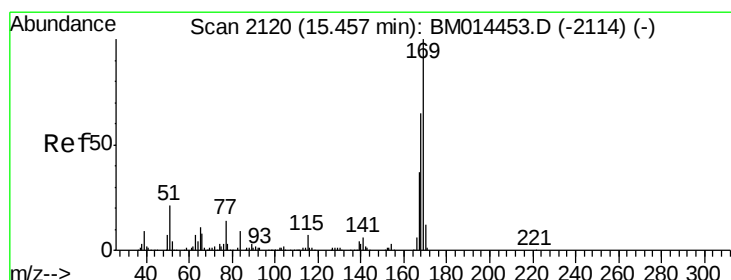
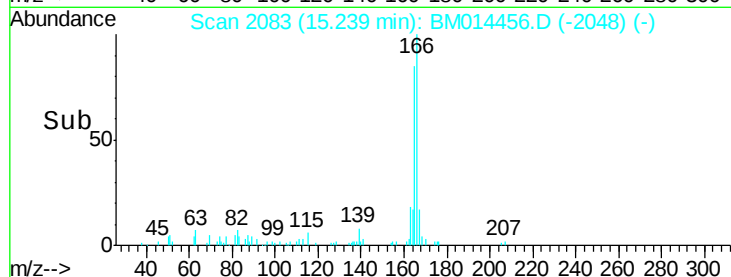
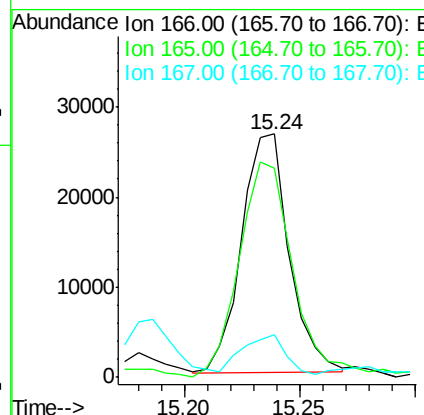
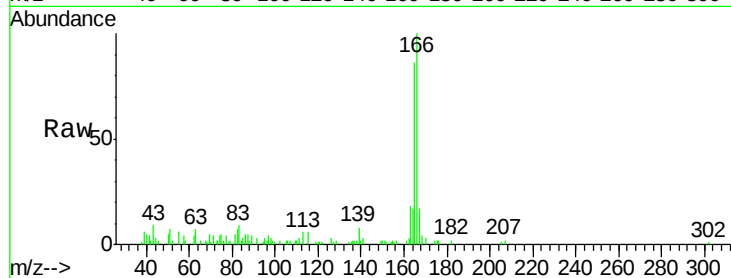
ClientSampleId :

BE5Y0RE

Tot Ion	Ratio	Lower	Upper
166	100		
165	86.0	77.9	116.9
167	17.5	10.6	16.0

Manual Integrations
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#64

N-Nitrosodiphenylamine

Concen: 1.943 ng/ul

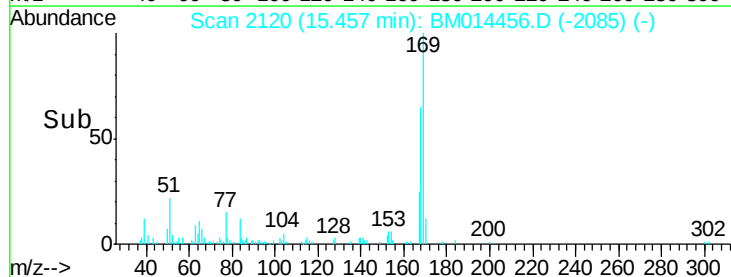
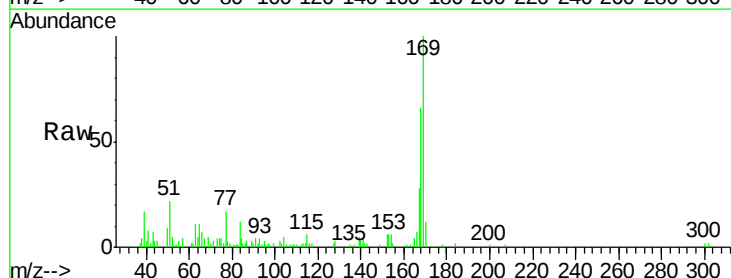
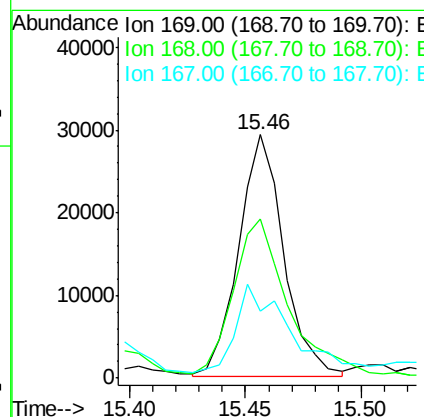
RT: 15.46 min Scan# 2120

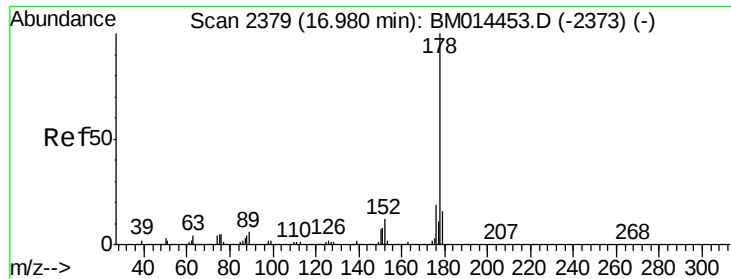
Delta R.T. 0.01 min

Lab File: BM014456.D

Acq: 02 Mar 2018 11:43

Tgt Ion	Ratio	Lower	Upper
169	100		
168	65.6	54.0	81.0
167	27.5	29.1	43.7





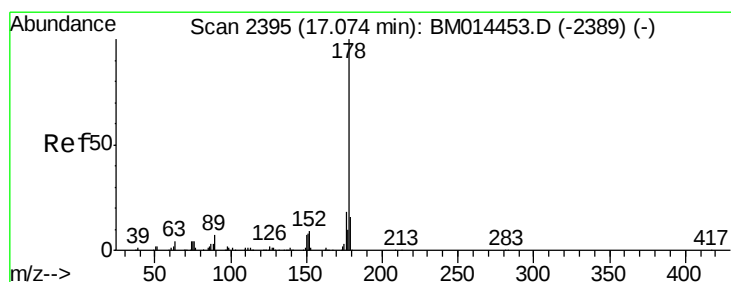
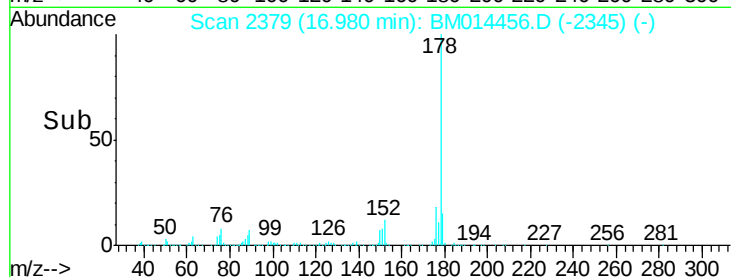
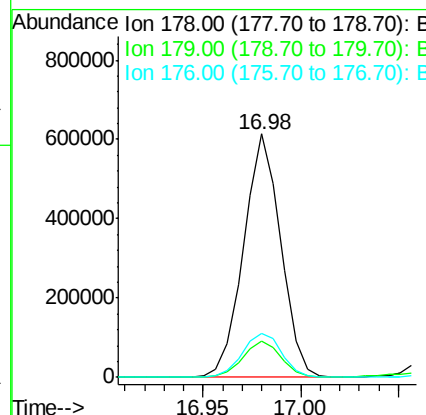
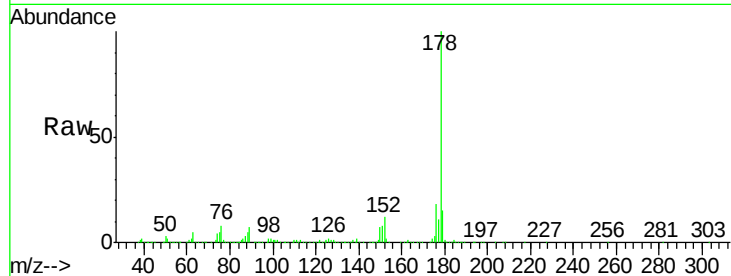
#69
Phenanthrene
Concen: 19.619 ng/ul
RT: 16.98 min Scan# 2379
Delta R.T. 0.00 min
Lab File: BM014456.D
Acq: 02 Mar 2018 11:43

Instrument :
BNA_M
ClientSampleId :
BE5Y0RE

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		806997		
179	14.7		12.6	19.0	
176	18.1		14.9	22.3	

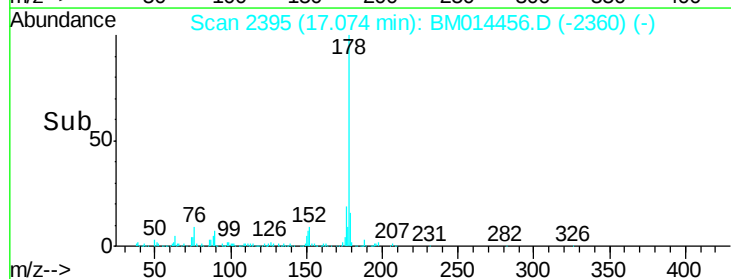
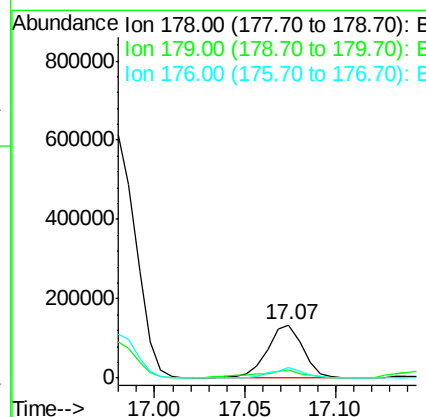
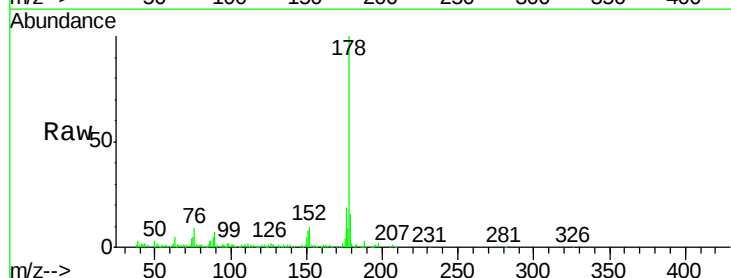
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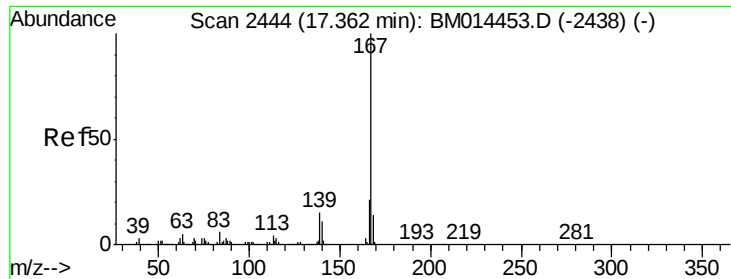
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#71
Anthracene
Concen: 4.409 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.01 min
Lab File: BM014456.D
Acq: 02 Mar 2018 11:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		182374		
179	16.0		11.7	17.5	
176	19.0		14.6	21.8	





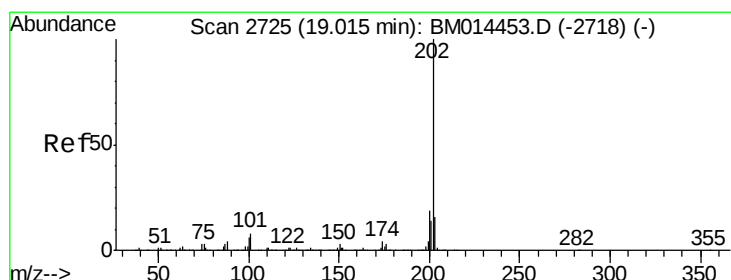
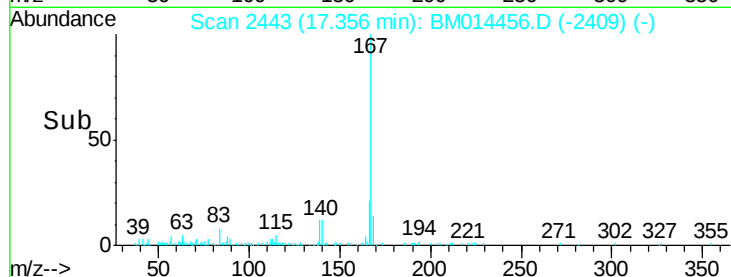
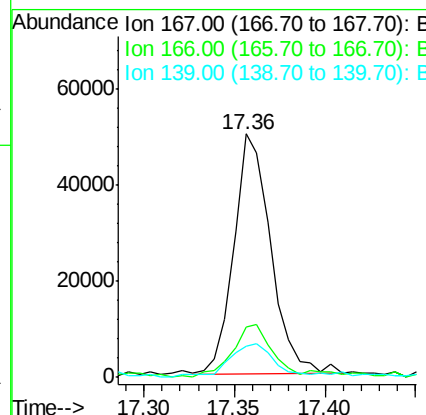
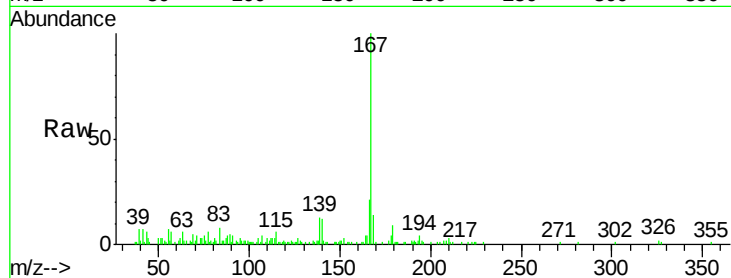
#72
 Carbazole
 Concen: 2.052 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BM014456.D
 Acq: 02 Mar 2018 11:43

Instrument :
 BNA_M
 ClientSampleId :
 BE5Y0RE

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.1	25.7
139	12.7	10.0	15.0

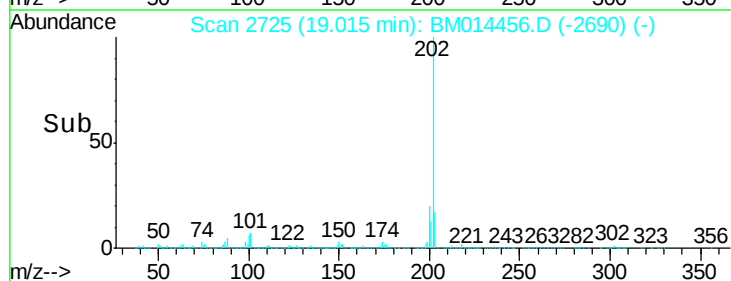
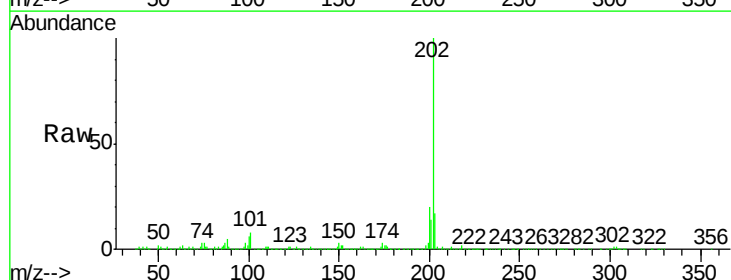
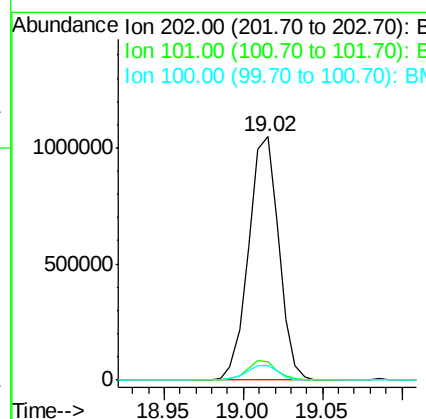
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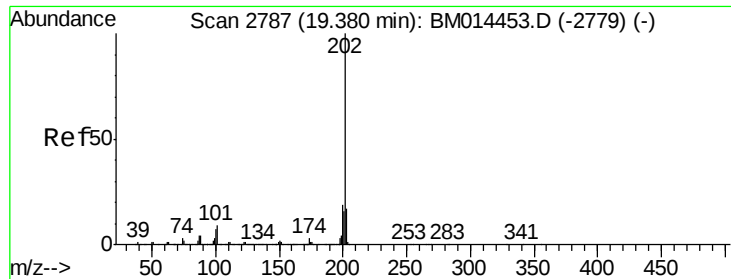
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#74
 Fluoranthene
 Concen: 28.273 ng/ul
 RT: 19.02 min Scan# 2725
 Delta R.T. 0.01 min
 Lab File: BM014456.D
 Acq: 02 Mar 2018 11:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.5	4.6	7.0#
100	5.9	3.4	5.2#





#77

Pvrene

Concen: 29.722 ng/ul

RT: 19.38 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM014456.D

Acq: 02 Mar 2018 11:43

Instrument :

BNA_M

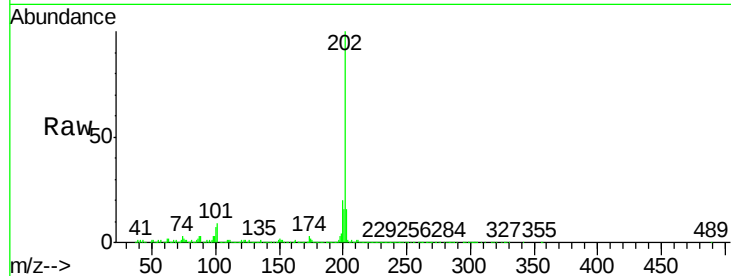
ClientSampleId :

BE5Y0RE

Tot Ion:	202	Resp:	1220969
Ion Ratio	Lower	Upper	
202	100		
101	9.0	5.1	7.7#
100	7.5	4.9	7.3#

Manual Integrations
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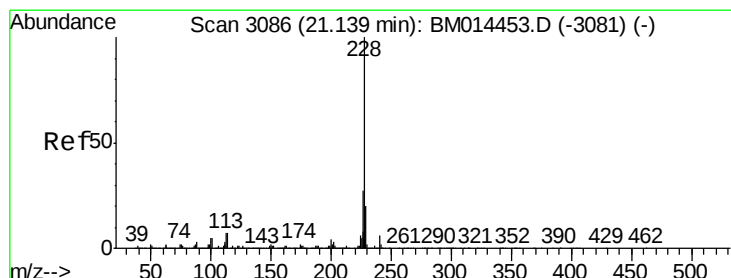
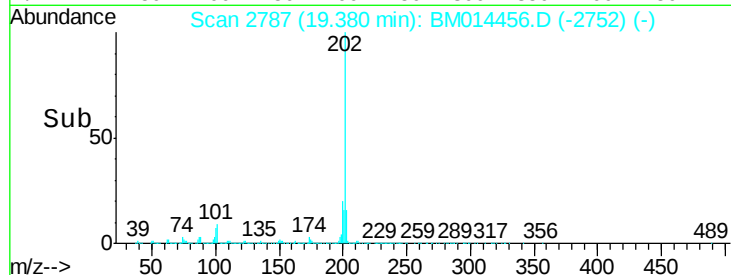
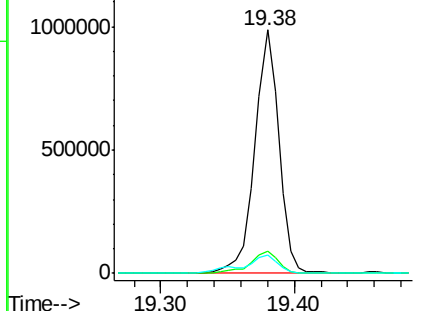
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#80

Benzo(a)anthracene

Concen: 15.035 ng/ul

RT: 21.14 min Scan# 3087

Delta R.T. 0.01 min

Lab File: BM014456.D

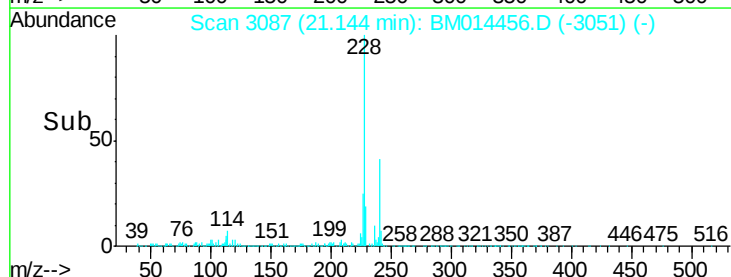
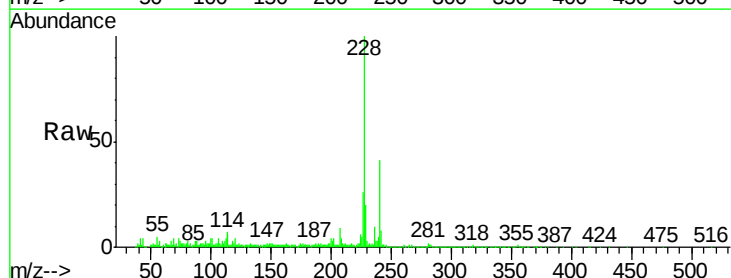
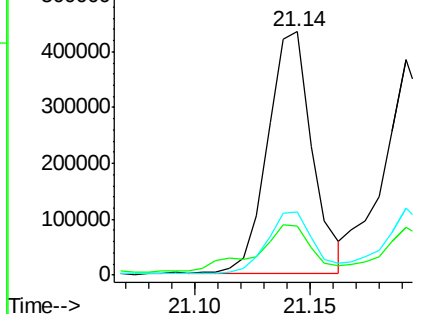
Acq: 02 Mar 2018 11:43

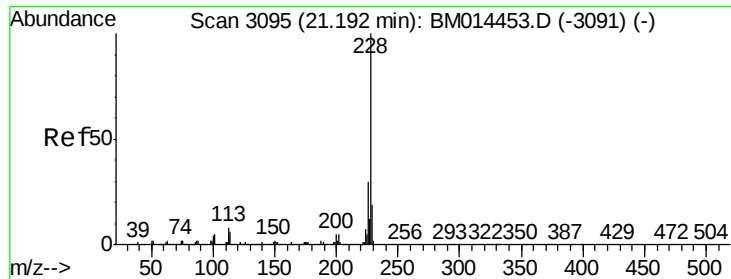
Tgt Ion:	228	Resp:	580014
Ion Ratio	Lower	Upper	
228	100		
229	20.3	15.4	23.0
226	26.1	21.4	32.0

Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 14.339 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BM014456.D

Acq: 02 Mar 2018 11:43

Instrument :

BNA_M

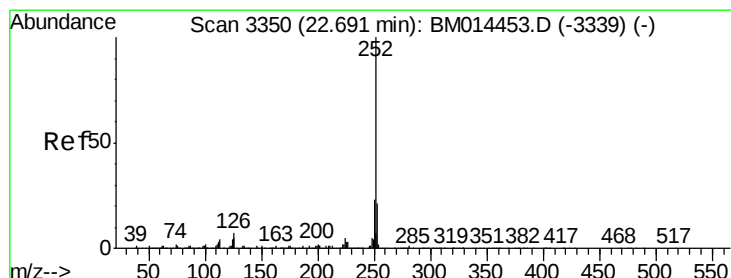
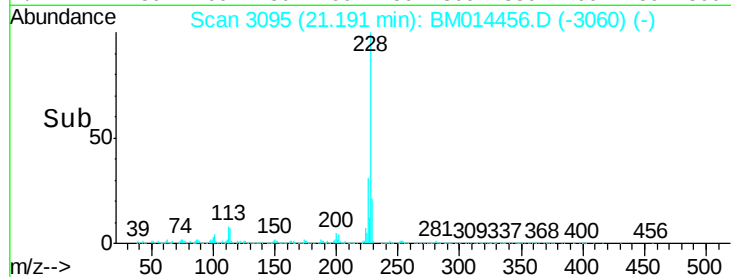
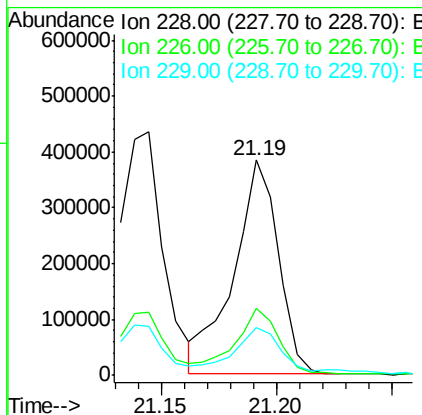
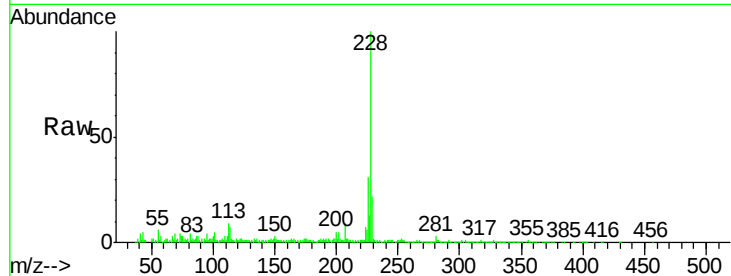
ClientSampled :

BE5Y0RE

Tot Ion:	228	Resp:	516031
Ion Ratio		Lower	Upper
228	100		
226	31.1	23.4	35.2
229	22.0	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 18.043 ng/ul

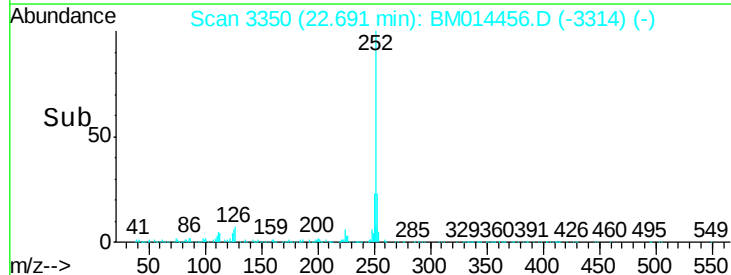
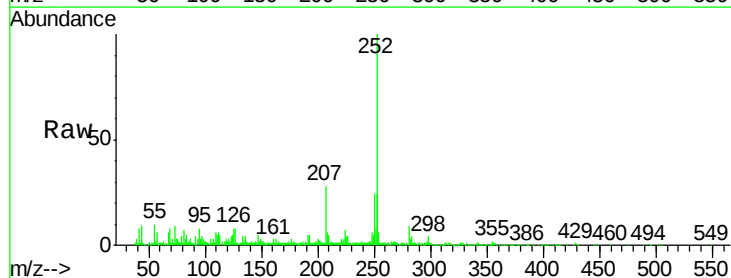
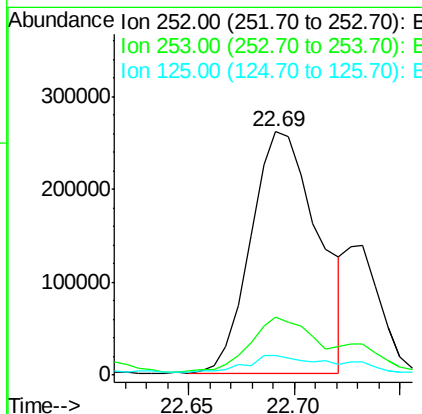
RT: 22.69 min Scan# 3350

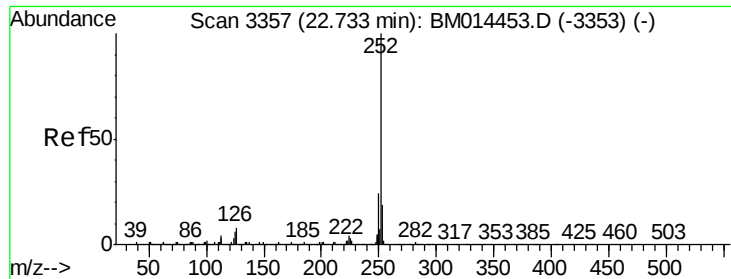
Delta R.T. 0.01 min

Lab File: BM014456.D

Acq: 02 Mar 2018 11:43

Tgt Ion:	252	Resp:	576354
Ion Ratio		Lower	Upper
252	100		
253	23.8	17.9	26.9
125	8.0	3.6	5.4#





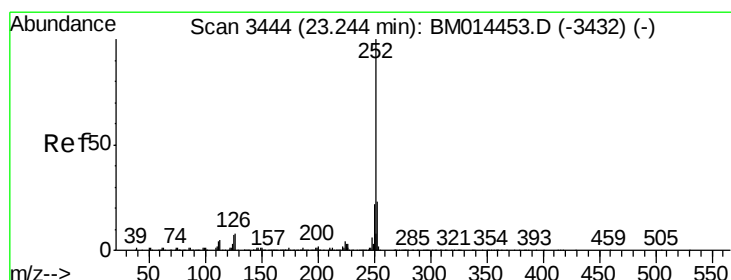
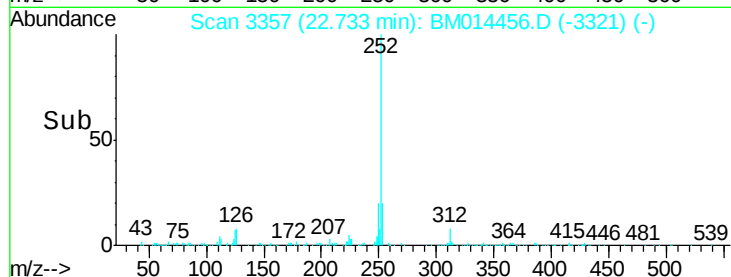
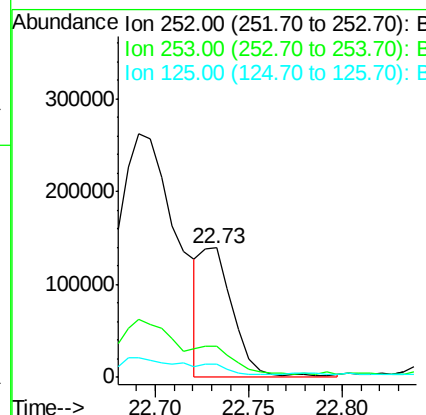
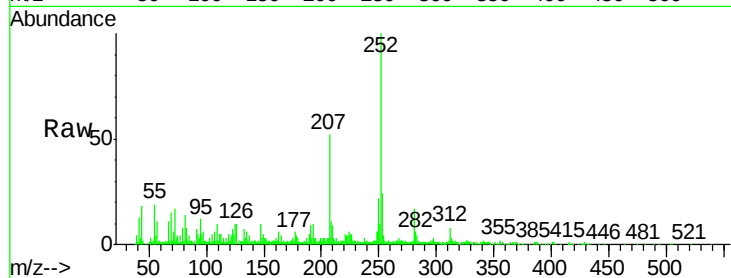
#86
Benzo(k)fluoranthene
Concen: 5.505 ng/ul m
RT: 22.73 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM014456.D
Acq: 02 Mar 2018 11:43

Instrument :
BNA_M
ClientSampleId :
BE5Y0RE

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.1	25.7
125	10.4	3.4	5.2

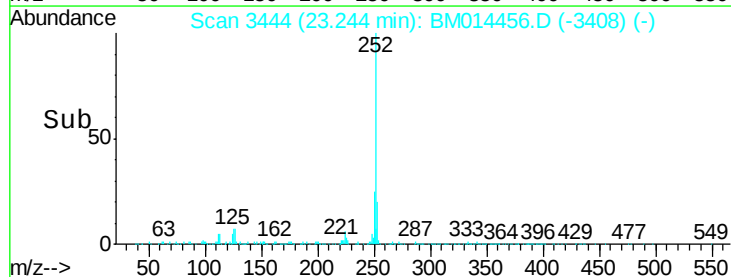
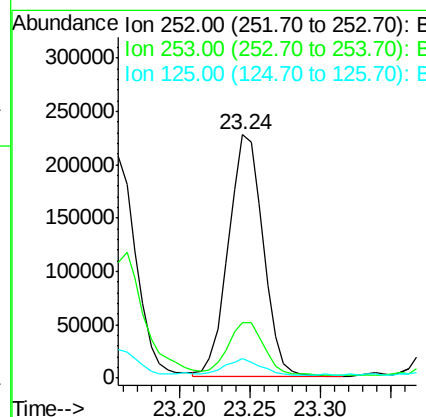
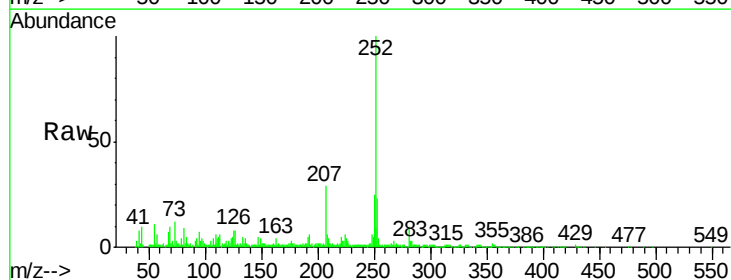
Manual Integrations
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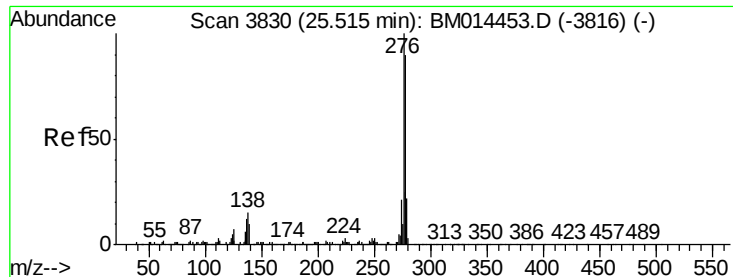
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#88
Benzo(a)pyrene
Concen: 13.613 ng/ul
RT: 23.24 min Scan# 3444
Delta R.T. 0.01 min
Lab File: BM014456.D
Acq: 02 Mar 2018 11:43

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	8.0	4.0	6.0





#89

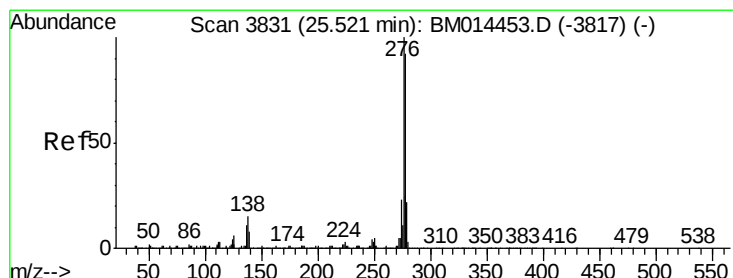
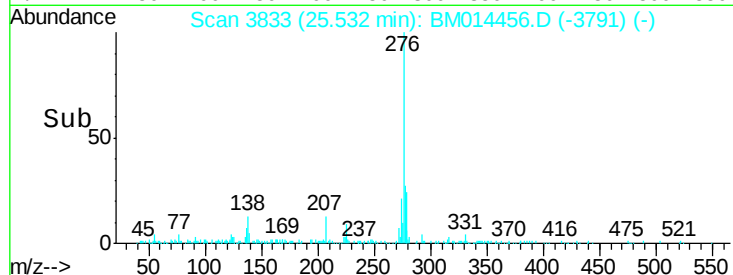
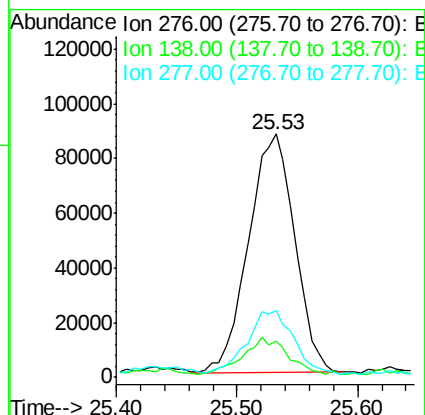
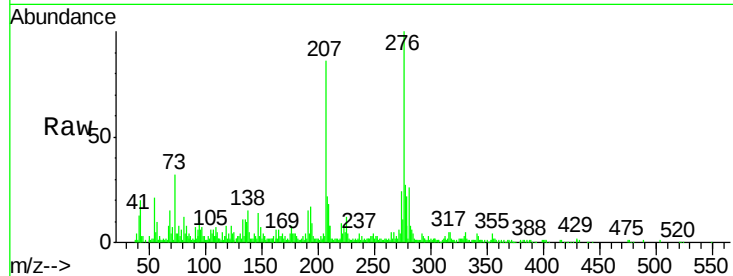
Indeno(1,2,3-cd)pyrene
Concen: 8.336 ng/ul
RT: 25.53 min Scan# 3833
Delta R.T. 0.05 min
Lab File: BM014456.D
Acq: 02 Mar 2018 11:43

Instrument :
BNA_M
ClientSampleId :
BE5Y0RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.7	9.3	13.9#
277	27.5	19.9	29.9

Manual Integrations
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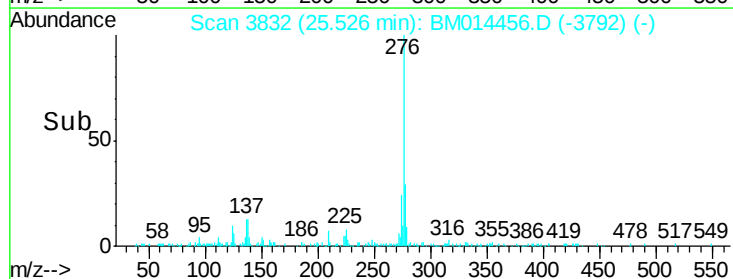
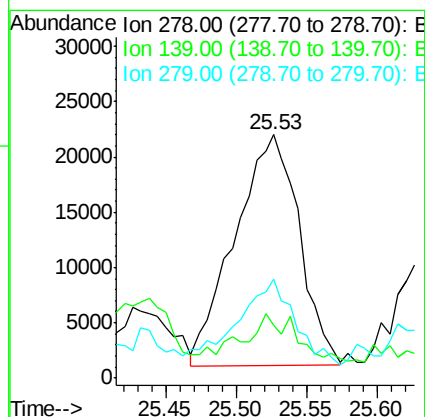
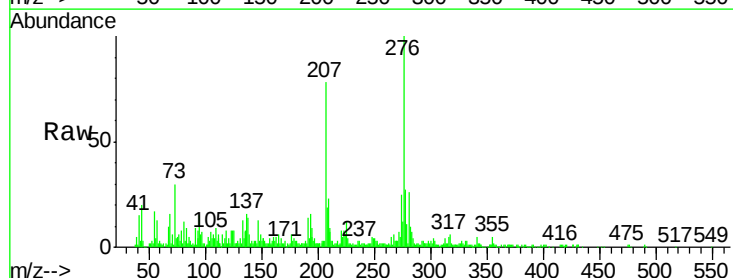
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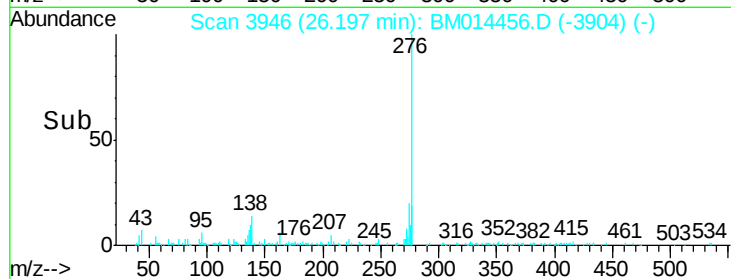
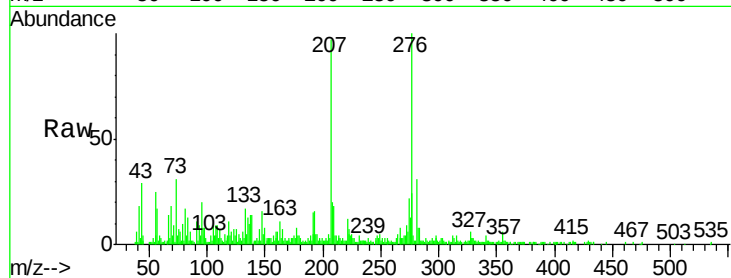
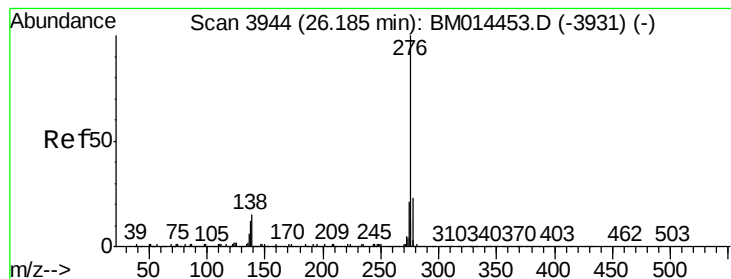


#90

Dibenzo(a,h)anthracene
Concen: 2.889 ng/ul
RT: 25.53 min Scan# 3832
Delta R.T. 0.04 min
Lab File: BM014456.D
Acq: 02 Mar 2018 11:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	21.5	5.8	8.8#
279	40.9	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 8.800 ng/ul

RT: 26.20 min Scan# 3946

Delta R.T. 0.05 min

Lab File: BM014456.D

Acq: 02 Mar 2018 11:43

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.4	8.5	12.7#
277	24.3	18.6	28.0

Instrument :

BNA_M

ClientSampleId :

BE5Y0RE

Manual Integrations
APPROVED

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