

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM030218\
 Data File : BM014461.D
 Acq On : 02 Mar 2018 14:43
 Operator : SJ/JU
 Sample : J1679-02RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z7RE

Manual Integrations
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Sohil
 3/5/2018 3:21:06 PM

Quant Time: Mar 05 11:43:20 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	7.52	152	99335	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	432635	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.18	164	263964	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.95	188	570086	20.00	ng/ul	0.01
75) Chrysene-d12	21.17	240	558021	20.00	ng/ul	0.02
83) Perylene-d12	23.36	264	467046	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	7687	3.31	ng/uL	0.00
5) Phenol-d5	6.74	99	152125	18.12	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.87	67	95009	18.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	130881	20.33	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	121789	16.58	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	70063	21.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	73686	22.27	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.95	165	129218	18.85	ng/ul	0.01
29) 4-Chloroaniline-d4	10.46	131	147776	21.88	ng/ul	0.01
43) Dimethylphthalate-d6	13.60	166	447830	20.54	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	574125	21.36	ng/ul	0.01
51) 4-Nitrophenol-d4	14.50	143	47149m	15.67	ng/ul	0.04
57) Fluorene-d10	15.19	176	385560	19.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.37	200	1012	0.30	ng/ul	0.02
70) Anthracene-d10	17.05	188	569964	20.72	ng/ul	0.01
76) Pyrene-d10	19.36	212	630057	21.89	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.23	264	466428	20.52	ng/ul	0.03

Target Compounds

					Ovalue	
28) Naphthalene	10.35	128	33233	1.496	ng/ul	97
44) Dimethylphthalate	13.65	163	135293	6.294	ng/ul	99
47) Acenaphthylene	13.90	152	87518	3.445	ng/ul#	88
49) Acenaphthene	14.24	153	99321	5.552	ng/ul	97
53) Dibenzofuran	14.59	168	208602	7.776	ng/ul	89
58) Fluorene	15.24	166	310696	13.416	ng/ul	97
69) Phenanthrene	17.00	178	4735062	144.159	ng/ul	99
71) Anthracene	17.09	178	994262	30.099	ng/ul	98
72) Carbazole	17.37	167	384548	13.845	ng/ul	98
74) Fluoranthene	19.03	202	5486210	139.804	ng/ul#	94
77) Pyrene	19.40	202	4024436	108.521	ng/ul#	93
80) Benzo(a)anthracene	21.16	228	1811305	52.010	ng/ul	98
82) Chrysene	21.21	228	1455603	44.804	ng/ul	96
85) Benzo(b)fluoranthene	22.71	252	1731442	55.366	ng/ul#	98
86) Benzo(k)fluoranthene	22.75	252	554994m	18.666	ng/ul	
88) Benzo(a)pyrene	23.27	252	1172884	41.971	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.55	276	721204	26.596	ng/ul	98
90) Dibenzo(a,h)anthracene	25.54	278	196743m	8.732	ng/ul	
91) Benzo(g,h,i)perylene	26.23	276	613287	27.918	ng/ul#	96

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

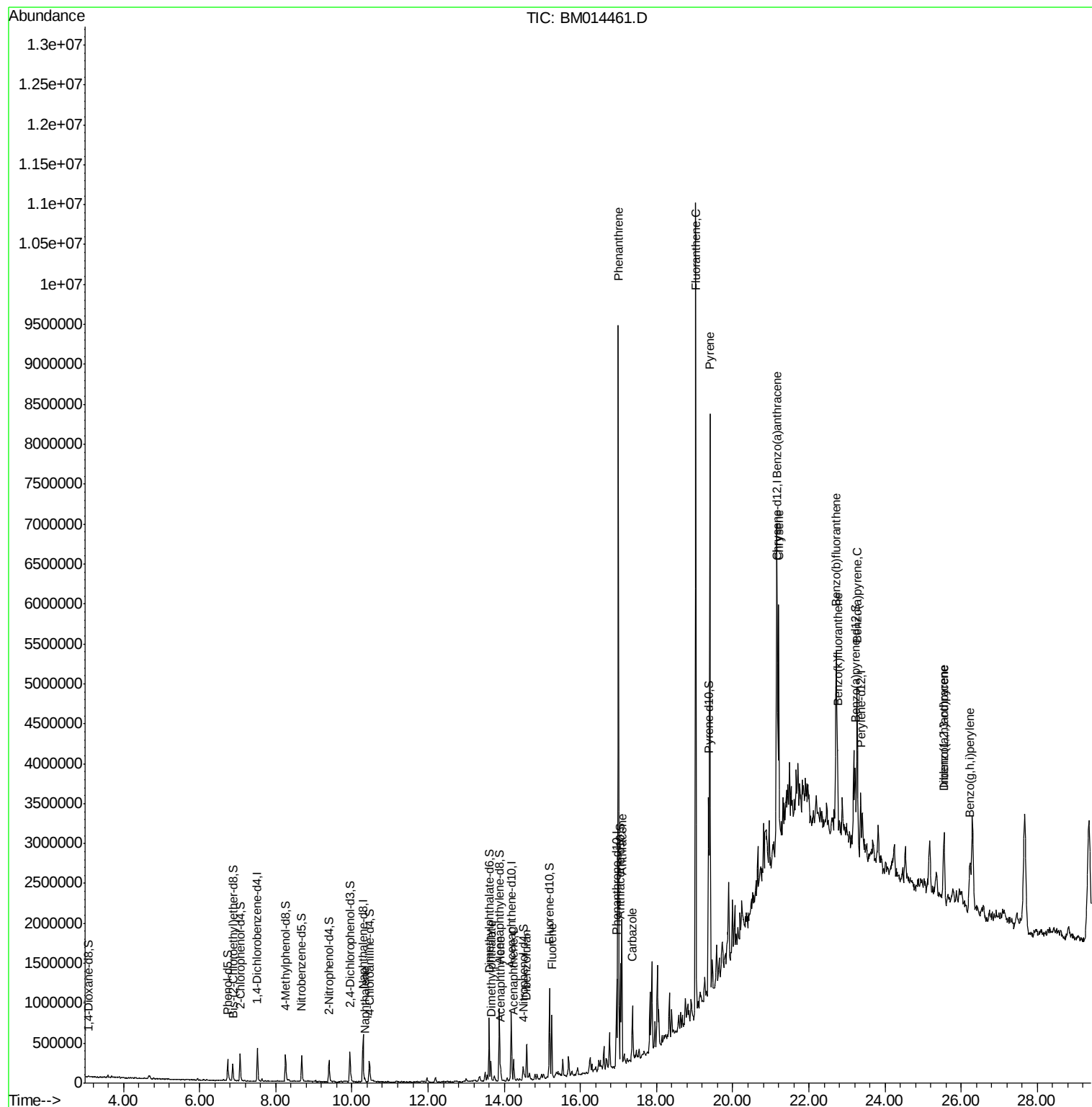
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM030218\
Data File : BM014461.D
Acq On : 02 Mar 2018 14:43
Operator : SJ/JU
Sample : J1679-02RE
Misc :
ALS Vial : 10 Sample Multiplier: 1

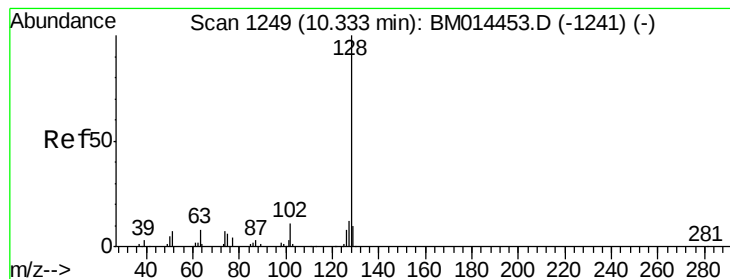
Instrument :
BNA_M
ClientSampleId :
BE5Z7RE

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Quant Time: Mar 05 11:43:20 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





#28

Naphthalene

Concen: 1.496 ng/ul

RT: 10.35 min Scan# 1251

Delta R.T. 0.01 min

Lab File: BM014461.D

Acq: 02 Mar 2018 14:43

Instrument :

BNA_M

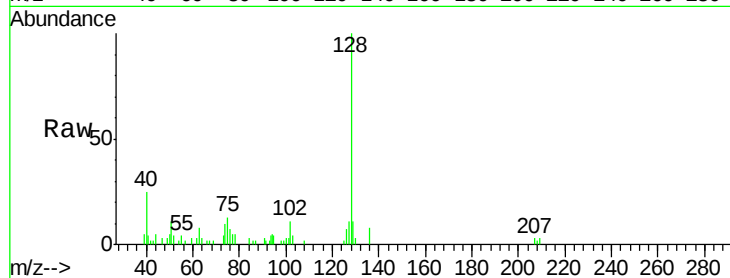
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BE5Z7RE

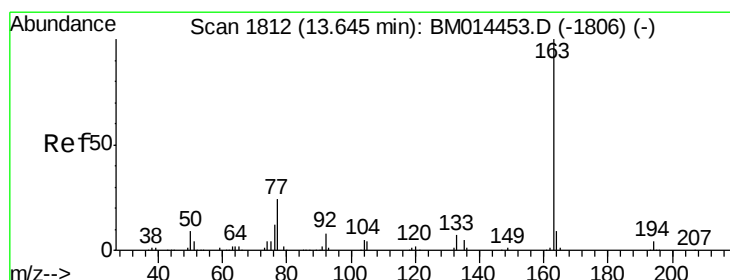
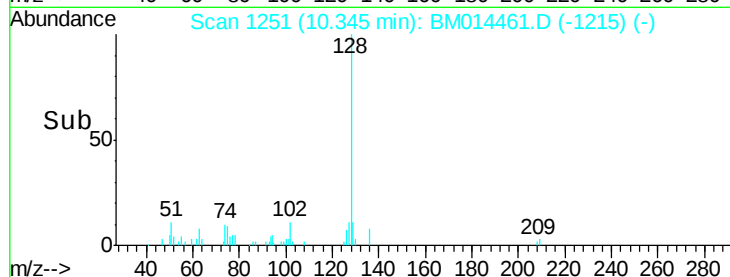
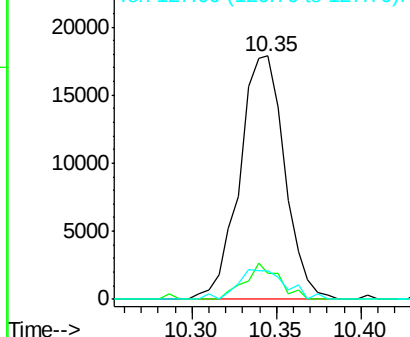
Tot Ion:	128	Resp:	33233
Ion Ratio	Lower	Upper	
128	100		
129	10.7	8.8	13.2
127	11.5	10.6	16.0

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#44

Dimethylphthalate

Concen: 6.294 ng/ul

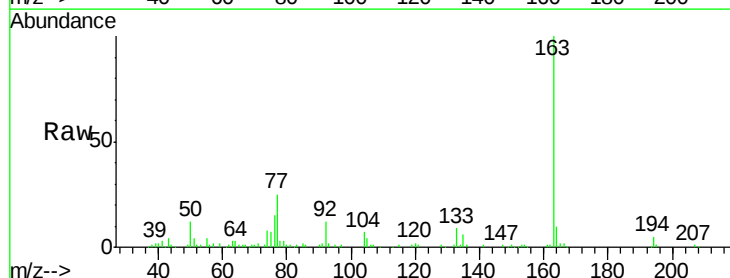
RT: 13.65 min Scan# 1813

Delta R.T. 0.01 min

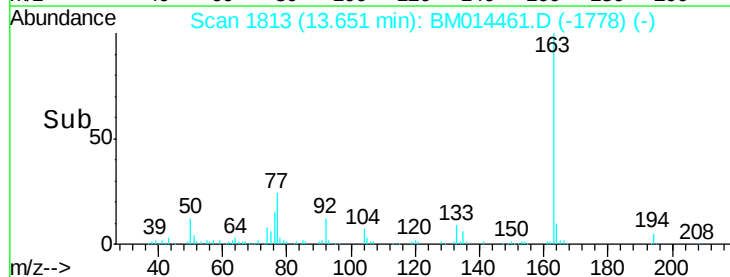
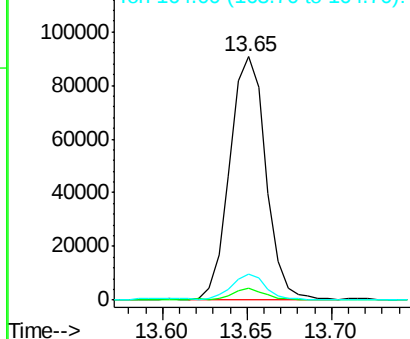
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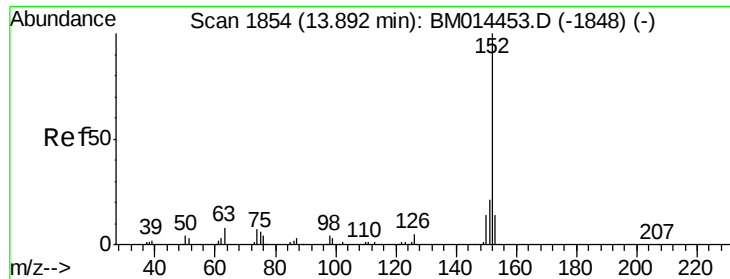
Acq: 02 Mar 2018 14:43

Tgt Ion:	163	Resp:	135293
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.5	5.3
164	10.5	8.2	12.4



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





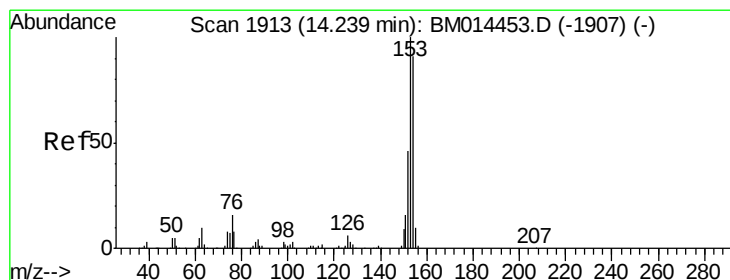
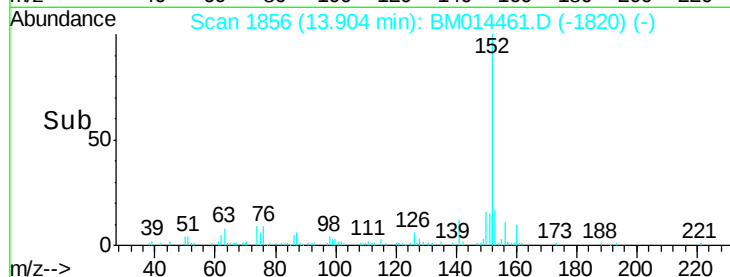
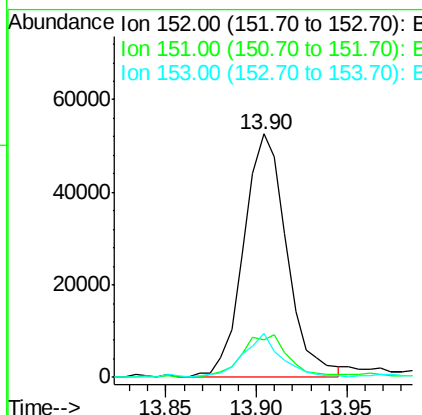
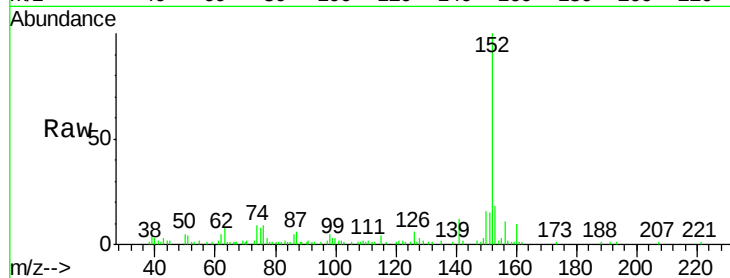
#47
Acenaphthylene
Concen: 3.445 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM014461.D
Acq: 02 Mar 2018 14:43

Instrument :
BNA_M
ClientSampleId :
BE5Z7RE

Tot Ion	Ratio	Lower	Upper
152	100		
151	15.4	16.3	24.5#
153	18.2	10.2	15.4#

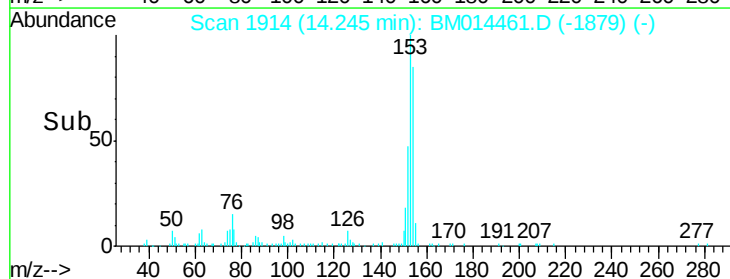
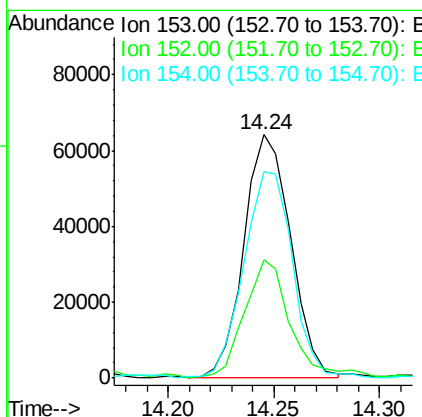
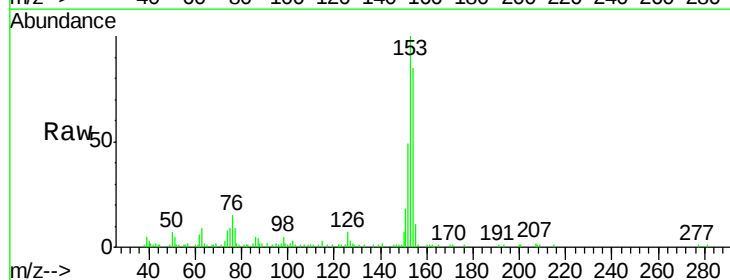
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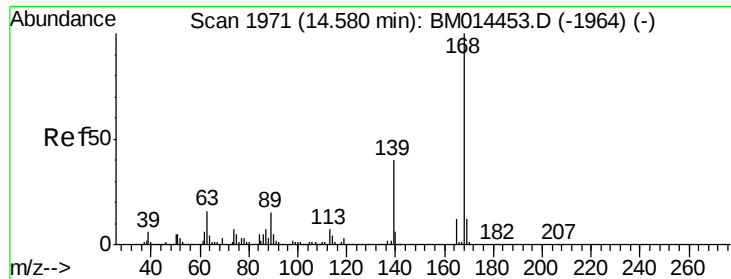
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#49
Acenaphthene
Concen: 5.552 ng/ul
RT: 14.24 min Scan# 1914
Delta R.T. 0.01 min
Lab File: BM014461.D
Acq: 02 Mar 2018 14:43

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.6	37.6	56.4
154	84.6	70.4	105.6





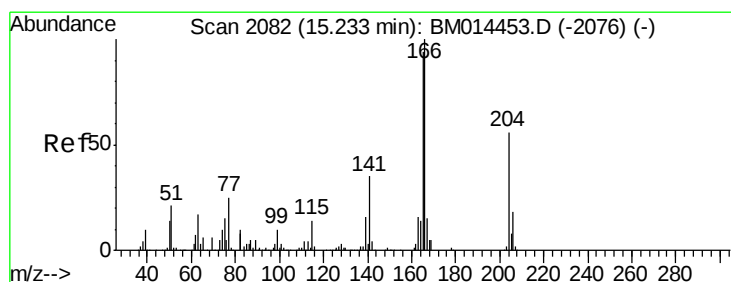
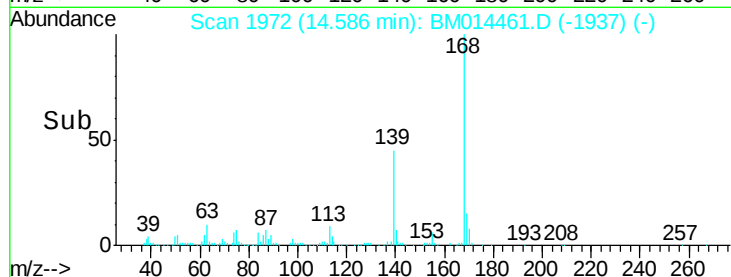
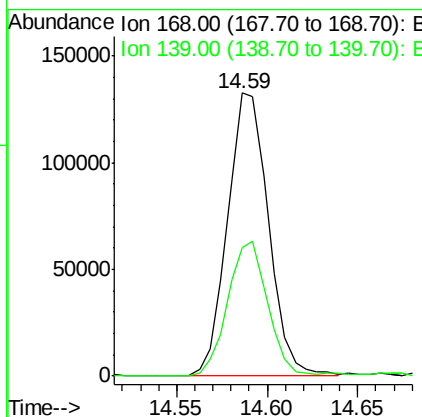
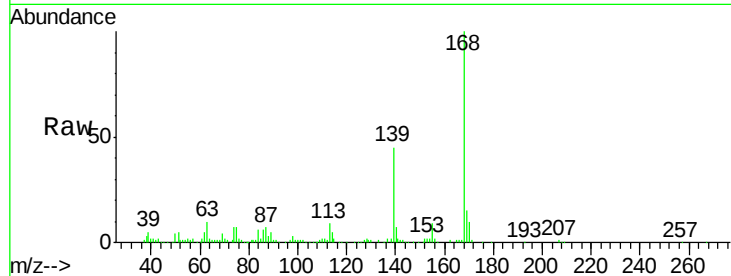
#53
Dibenzenofuran
Concen: 7.776 ng/ul
RT: 14.59 min Scan# 1972
Delta R.T. 0.01 min
Lab File: BM014461.D
Acq: 02 Mar 2018 14:43

Instrument :
BNA_M
ClientSampled :
BE5Z7RE

Tot Ion	Ratio	Lower	Upper
168	100		
139	45.3	30.8	46.2

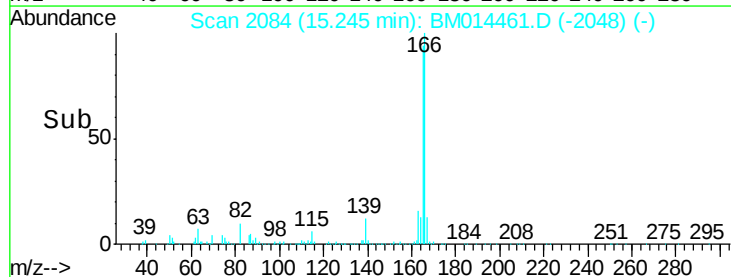
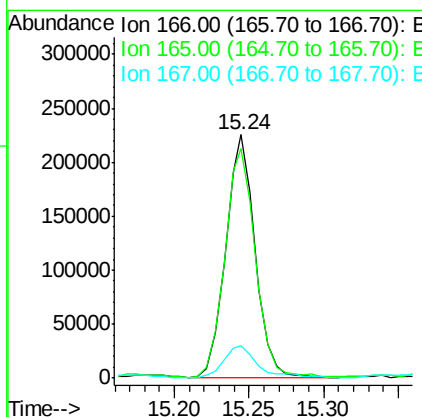
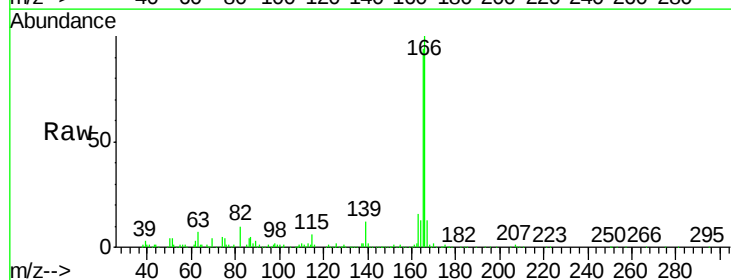
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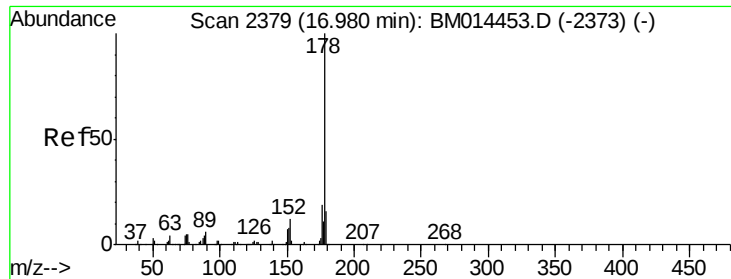
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#58
Fluorene
Concen: 13.416 ng/ul
RT: 15.24 min Scan# 2084
Delta R.T. 0.01 min
Lab File: BM014461.D
Acq: 02 Mar 2018 14:43

Tgt Ion	Ratio	Lower	Upper
166	100		
165	94.1	77.9	116.9
167	13.2	10.6	16.0





#69

Phenanthrene

Concen: 144.159 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. 0.02 min

Lab File: BM014461.D

Acq: 02 Mar 2018 14:43

Instrument :

BNA_M

ClientSampleId :

BE5Z7RE

Tot Ion:178 Resp: 4735062

Ion Ratio Lower Upper

178 100

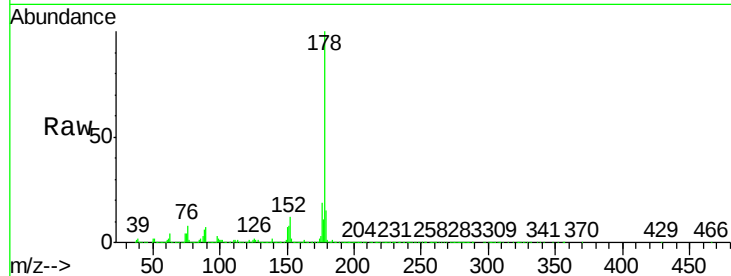
179 15.3 12.6 19.0

176 19.4 14.9 22.3

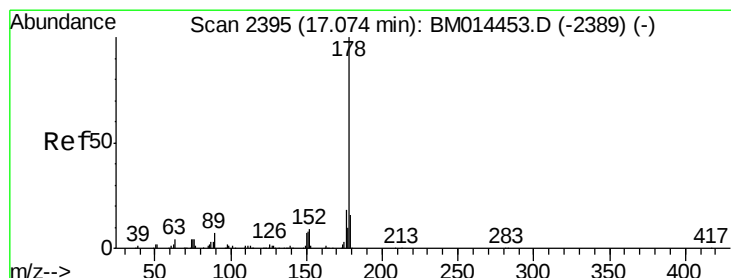
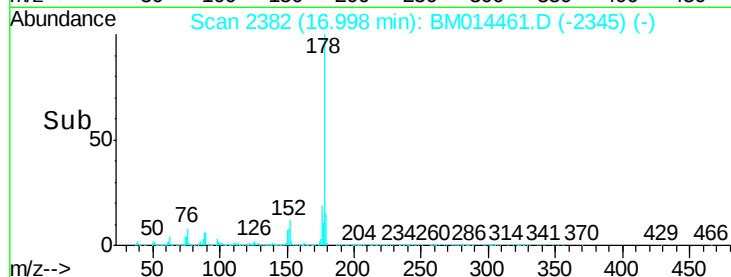
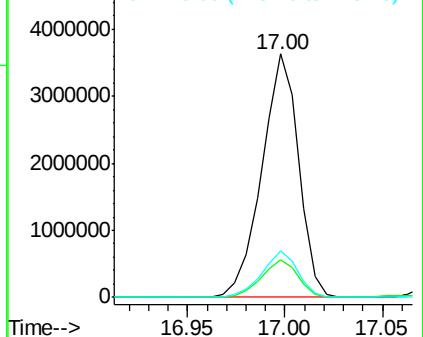
Manual Integrations
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Abundance Ion 178.00 (177.70 to 178.70): E
5000000
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#71

Anthracene

Concen: 30.099 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. 0.01 min

Lab File: BM014461.D

Acq: 02 Mar 2018 14:43

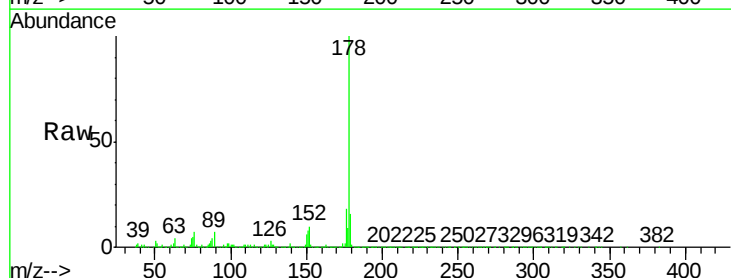
Tgt Ion:178 Resp: 994262

Ion Ratio Lower Upper

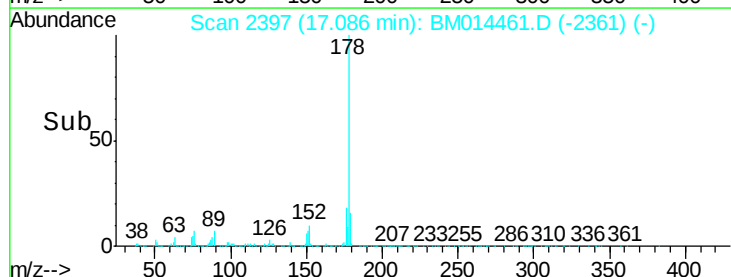
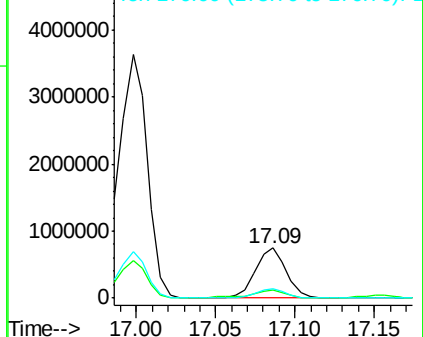
178 100

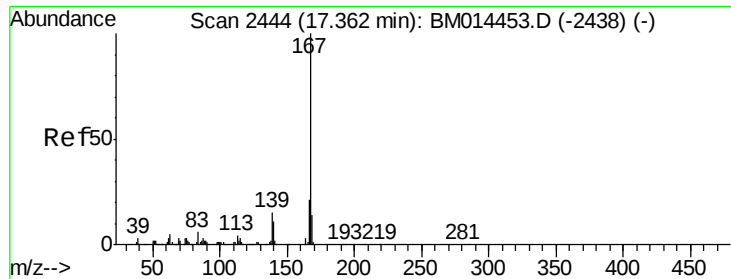
179 16.4 11.7 17.5

176 18.2 14.6 21.8



Abundance Ion 178.00 (177.70 to 178.70): E
5000000
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





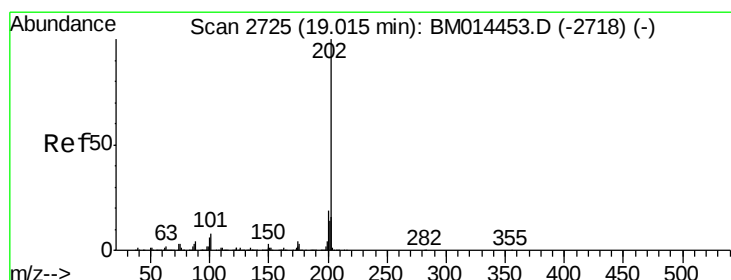
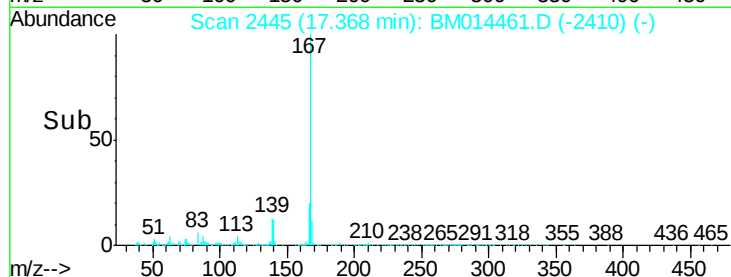
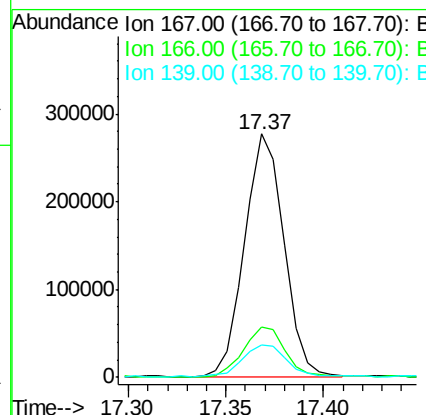
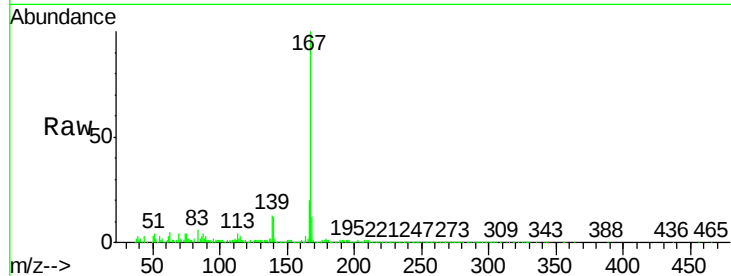
#72
 Carbazole
 Concen: 13.845 ng/ul
 RT: 17.37 min Scan# 2445
 Delta R.T. 0.01 min
 Lab File: BM014461.D
 Acq: 02 Mar 2018 14:43

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z7RE

Tot Ion	Ratio	Lower	Upper
167	100		
166	20.4	17.1	25.7
139	13.3	10.0	15.0

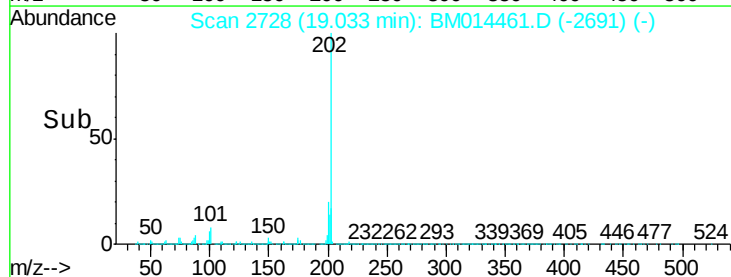
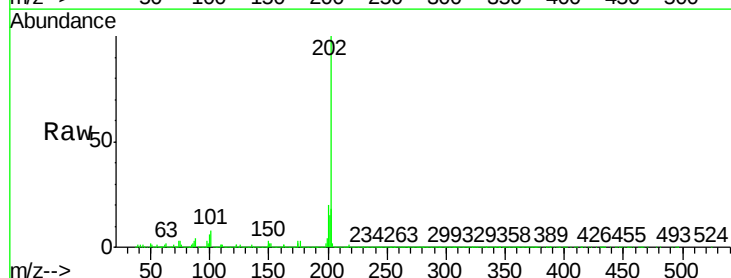
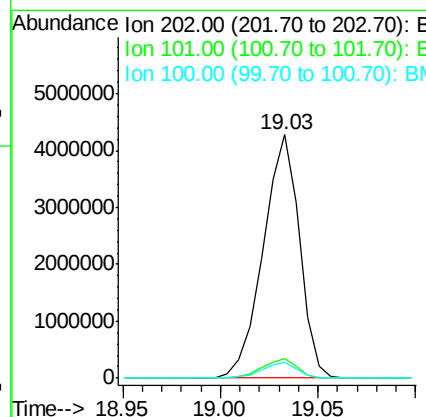
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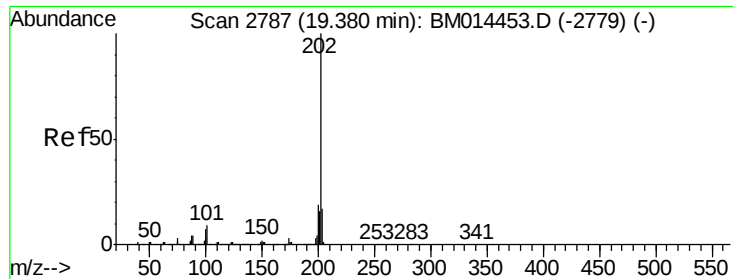
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#74
 Fluoranthene
 Concen: 139.804 ng/ul
 RT: 19.03 min Scan# 2728
 Delta R.T. 0.02 min
 Lab File: BM014461.D
 Acq: 02 Mar 2018 14:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.9	4.6	7.0#
100	6.4	3.4	5.2#





#77

Pvrene

Concen: 108.521 ng/ul

RT: 19.40 min Scan# 2790

Delta R.T. 0.02 min

Lab File: BM014461.D

Acq: 02 Mar 2018 14:43

Instrument :

BNA_M

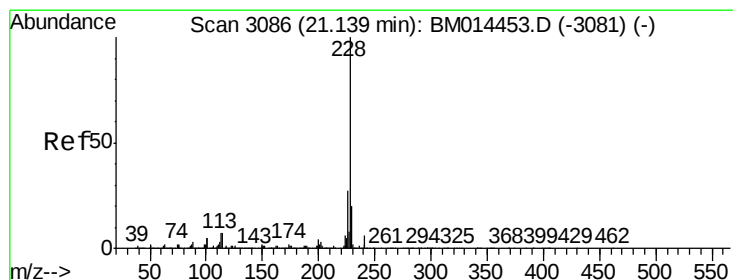
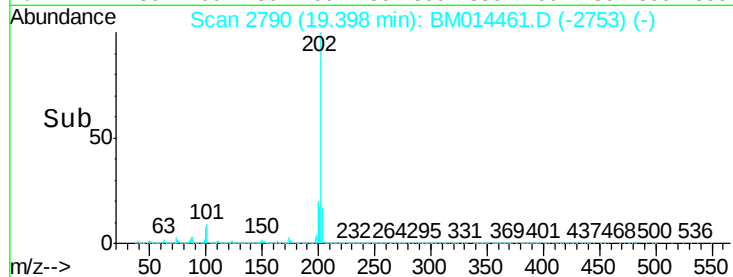
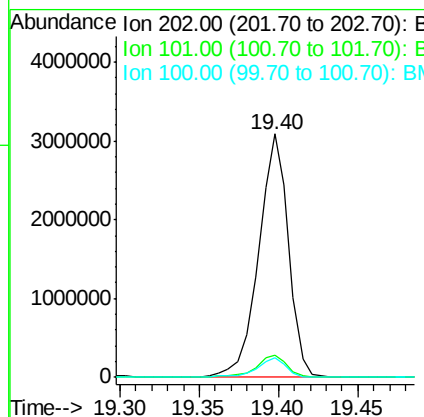
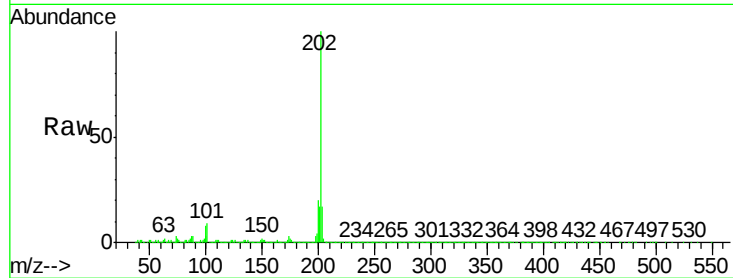
ClientSampleId :

BE5Z7RE

Tot Ion:	202	Resp:	4024436
Ion	Ratio	Lower	Upper
202	100		
101	9.2	5.1	7.7#
100	7.9	4.9	7.3#

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#80

Benzo(a)anthracene

Concen: 52.010 ng/ul

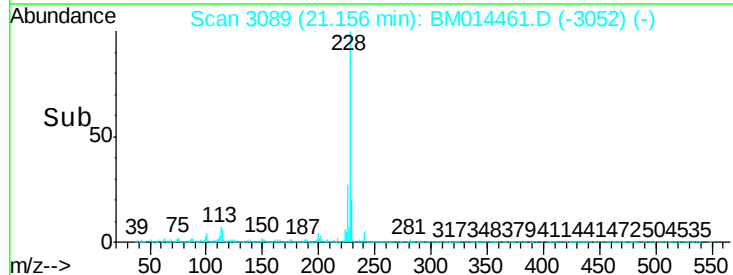
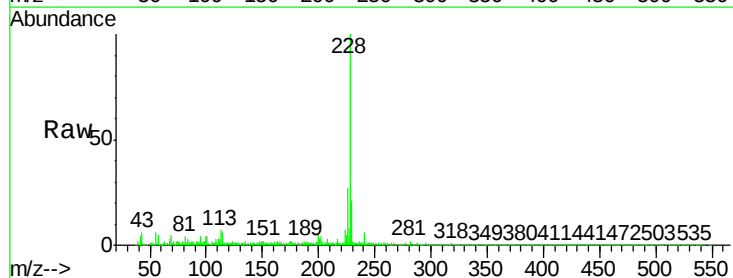
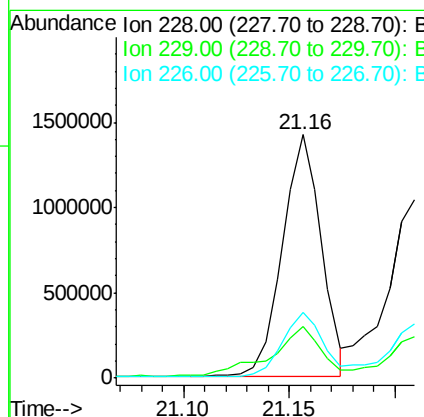
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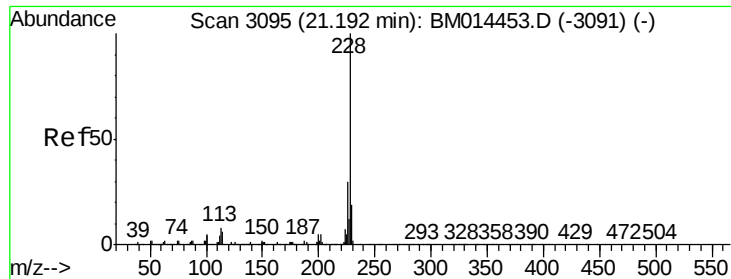
Delta R.T. 0.02 min

Lab File: BM014461.D

Acq: 02 Mar 2018 14:43

Tgt Ion:	228	Resp:	1811305
Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.4	23.0
226	27.1	21.4	32.0





#82

Chrysene

Concen: 44.804 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.02 min

Lab File: BM014461.D

Acq: 02 Mar 2018 14:43

Instrument :

BNA_M

ClientSampleId :

BE5Z7RE

Tot Ion:228 Resp: 1455603

Ion Ratio Lower Upper

228 100

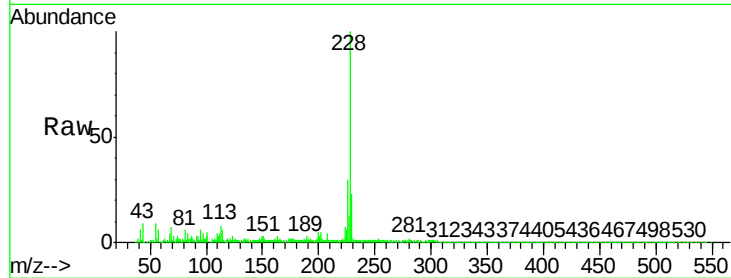
226 30.3 23.4 35.2

229 23.1 15.5 23.3

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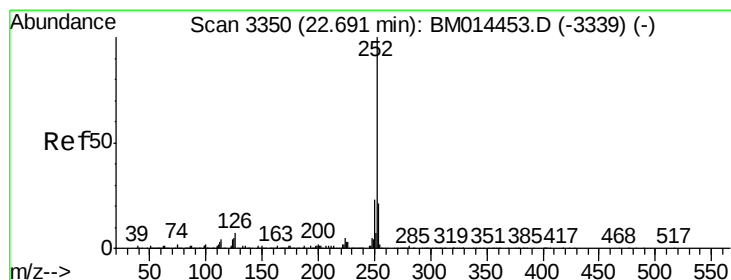
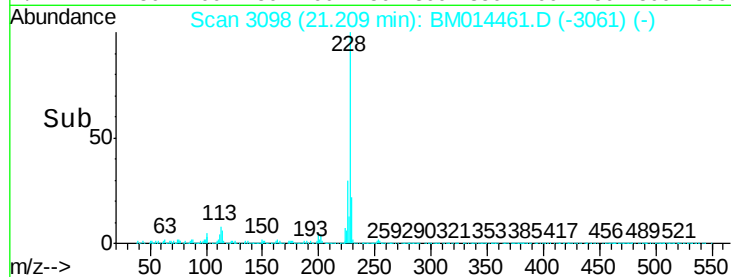
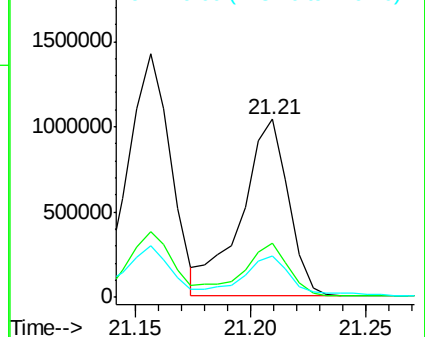
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 55.366 ng/ul

RT: 22.71 min Scan# 3354

Delta R.T. 0.02 min

Lab File: BM014461.D

Acq: 02 Mar 2018 14:43

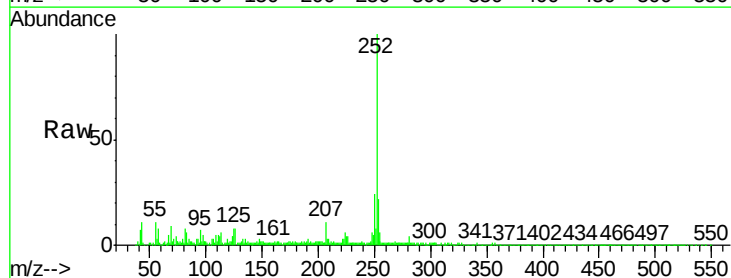
Tgt Ion:252 Resp: 1731442

Ion Ratio Lower Upper

252 100

253 22.1 17.9 26.9

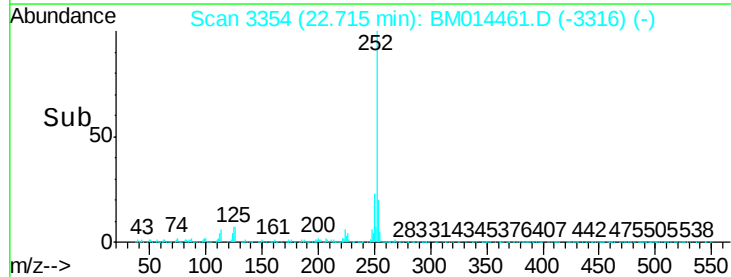
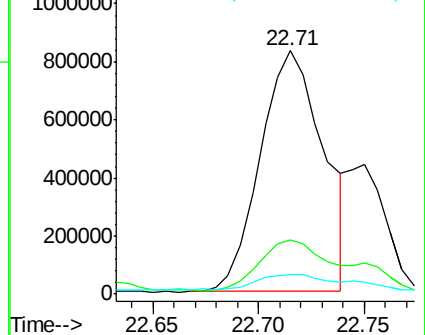
125 8.2 3.6 5.4#

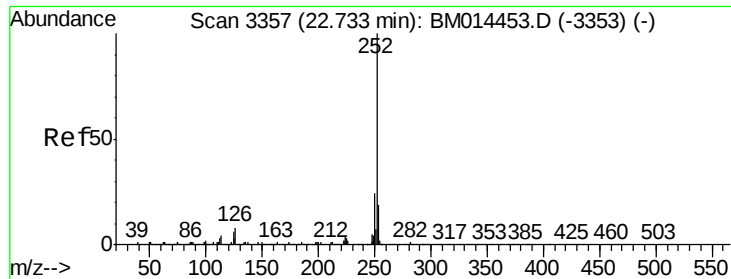


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 18.666 ng/ul m

RT: 22.75 min Scan# 3360

Delta R.T. 0.02 min

Lab File: BM014461.D

Acq: 02 Mar 2018 14:43

Instrument :

BNA_M

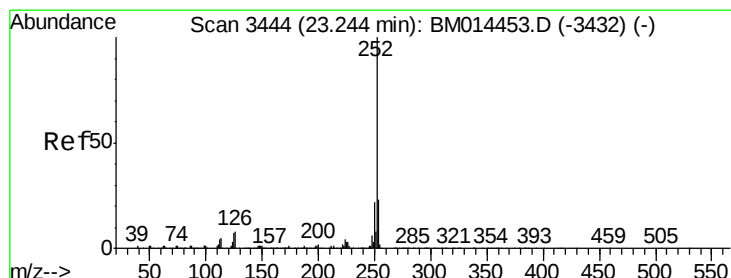
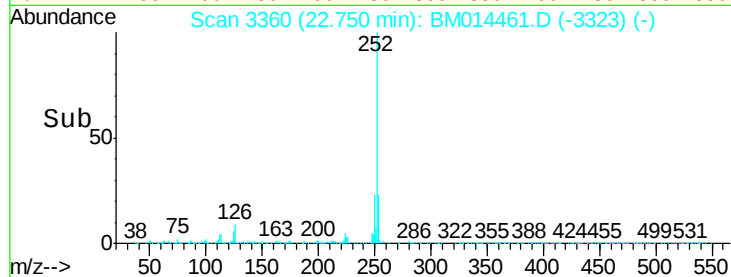
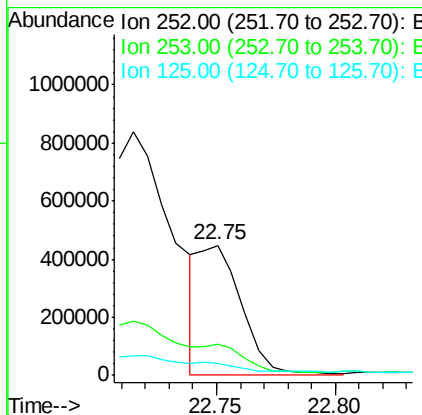
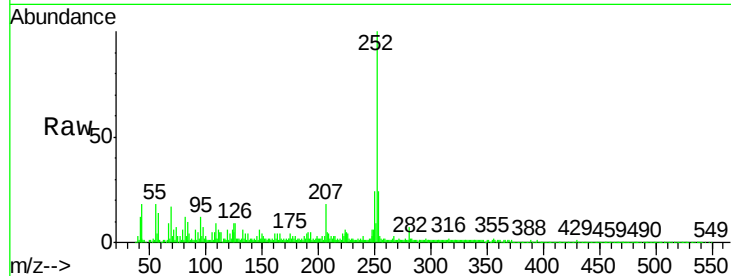
ClientSampleId :

BE5Z7RE

Tot Ion:	252	Resp:	554994
Ion Ratio	Lower	Upper	
252	100		
253	24.5	17.1	25.7
125	9.3	3.4	5.2#

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#88

Benzo(a)pyrene

Concen: 41.971 ng/ul

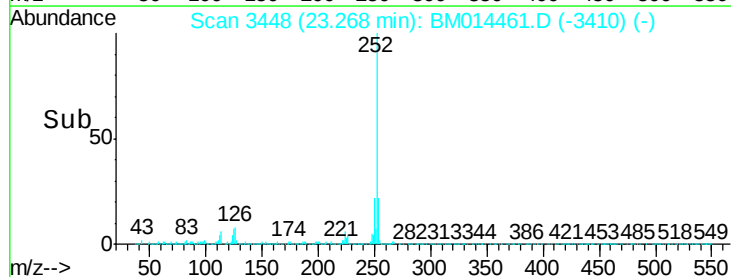
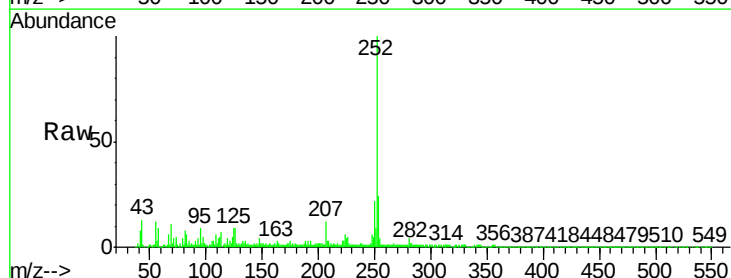
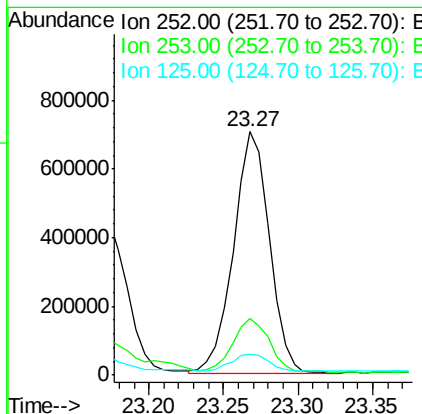
RT: 23.27 min Scan# 3448

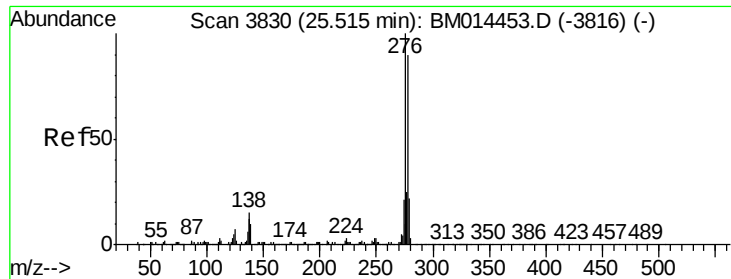
Delta R.T. 0.02 min

Lab File: BM014461.D

Acq: 02 Mar 2018 14:43

Tgt Ion:	252	Resp:	1172884
Ion Ratio	Lower	Upper	
252	100		
253	23.5	18.2	27.2
125	8.5	4.0	6.0#





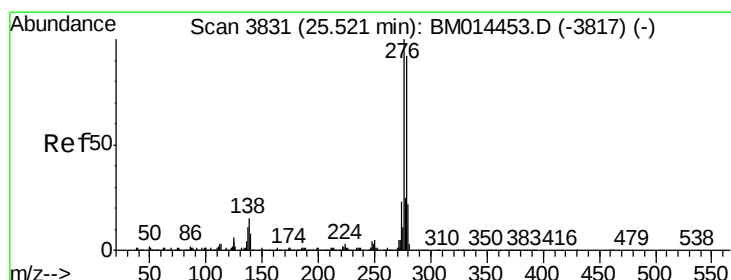
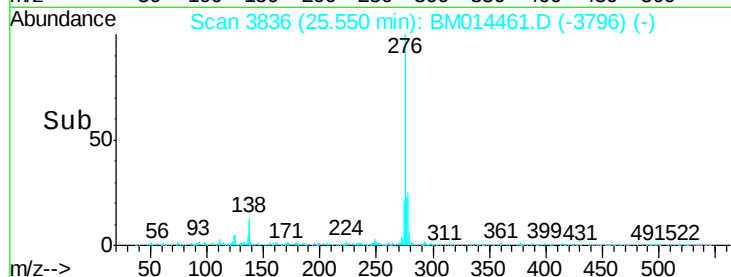
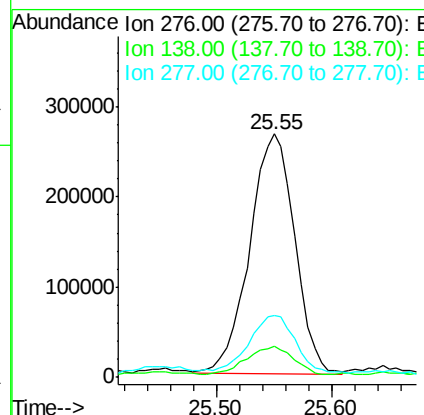
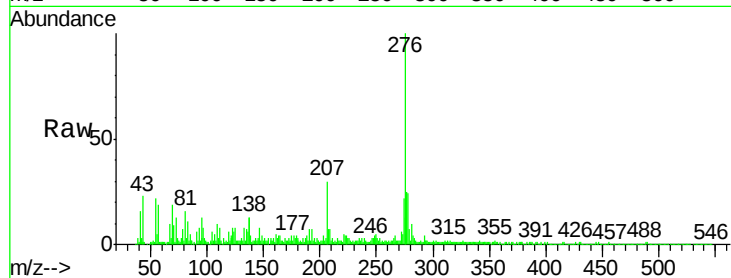
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 26.596 ng/ul
 RT: 25.55 min Scan# 3836
 Delta R.T. 0.04 min
 Lab File: BM014461.D
 Acq: 02 Mar 2018 14:43

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z7RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.0	9.3	13.9
277	25.2	19.9	29.9

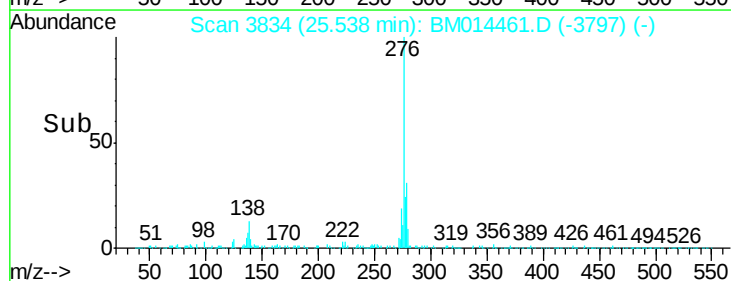
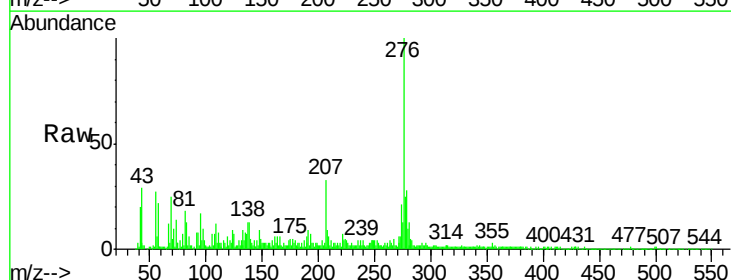
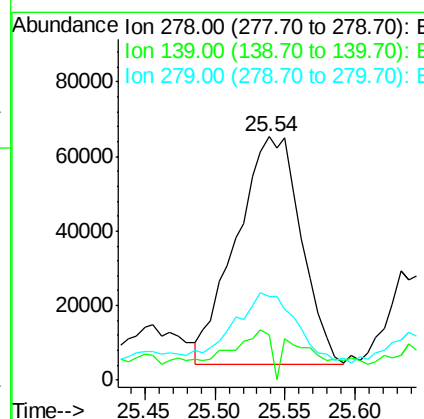
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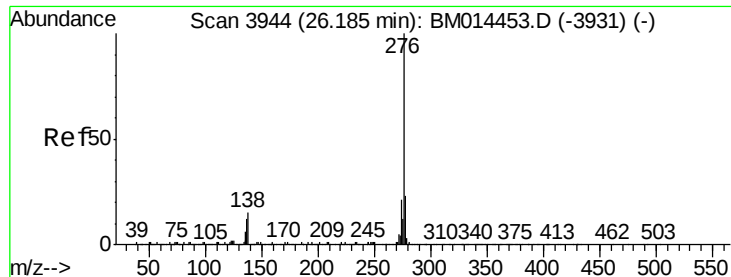
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#90
 Dibenzo(a,h)anthracene
 Concen: 8.732 ng/ul m
 RT: 25.54 min Scan# 3834
 Delta R.T. 0.02 min
 Lab File: BM014461.D
 Acq: 02 Mar 2018 14:43

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.6	5.8	8.8#
279	34.3	18.6	27.8#





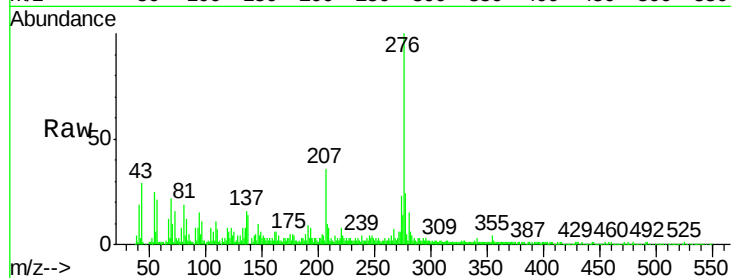
#91
 Benzo(a,h,i)perylene
 Concen: 27.918 ng/ul
 RT: 26.23 min Scan# 3951
 Delta R.T. 0.04 min
 Lab File: BM014461.D
 Acq: 02 Mar 2018 14:43

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z7RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.7	8.5	12.7#
277	24.4	18.6	28.0

Manual Integrations
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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

