

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030218\
 Data File : BM014455.D
 Acq On : 02 Mar 2018 11:07
 Operator : SJ/JU
 Sample : J1646-12RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5X6RE

Manual Integrations
 APPROVED

Sohil
 3/5/2018 3:20:53 PM

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Quant Time: Mar 08 17:15:12 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	112334	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	501856	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	313558	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	693573	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	705867	20.00	ng/ul	0.01
83) Perylene-d12	23.34	264	498127	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	9998m	3.81	ng/uL	0.00
5) Phenol-d5	6.72	99	233547	24.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	139456	24.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	189409	26.02	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	195190	23.50	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	99847	26.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	112265	29.25	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	202837	25.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	109450m	13.97	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	693412	26.78	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	839457	26.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.46	143	86160	24.10	ng/ul	0.03
57) Fluorene-d10	15.18	176	573997	24.74	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	66647	16.02	ng/ul	0.02
70) Anthracene-d10	17.04	188	889856	26.59	ng/ul	0.00
76) Pyrene-d10	19.36	212	1014831	27.87	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.21	264	641065	26.44	ng/ul	0.02

Target Compounds

					Ovalue
6) Phenol	6.75	94	27382	2.748	ng/ul 96
28) Naphthalene	10.33	128	59396	2.304	ng/ul 99
44) Dimethylphthalate	13.64	163	165595	6.485	ng/ul 98
47) Acenaphthylene	13.89	152	233343	7.732	ng/ul 98
49) Acenaphthene	14.24	153	164710	7.751	ng/ul 98
53) Dibenzofuran	14.58	168	189903	5.960	ng/ul 92
58) Fluorene	15.23	166	302769	11.006	ng/ul 97
69) Phenanthrene	16.99	178	6168524	154.364	ng/ul 100
71) Anthracene	17.07	178	1283628	31.941	ng/ul 99
72) Carbazole	17.36	167	174541	5.165	ng/ul 98
74) Fluoranthene	19.03	202	11058920	231.636	ng/ul# 90
77) Pyrene	19.39	202	9117450	194.361	ng/ul# 90
80) Benzo(a)anthracene	21.15	228	4351513	98.779	ng/ul 98
81) Bis(2-ethylhexyl)phthalate	21.07	149	4107173	147.854	ng/ul# 96
82) Chrysene	21.20	228	3486152	84.830	ng/ul 97
85) Benzo(b)fluoranthene	22.70	252	3365123	100.892	ng/ul# 98
86) Benzo(k)fluoranthene	22.74	252	1108523m	34.957	ng/ul
88) Benzo(a)pyrene	23.26	252	2255797	75.685	ng/ul# 97
89) Indeno(1,2,3-cd)pyrene	25.53	276	1173536	40.576	ng/ul 99
90) Dibenz(a,h)anthracene	25.52	278	364428	15.164	ng/ul# 90
91) Benzo(a,h,i)perylene	26.20	276	844670	36.052	ng/ul 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : J1646-12RE
Misc :
ALS Vial : 4 Sample Multiplier: 1

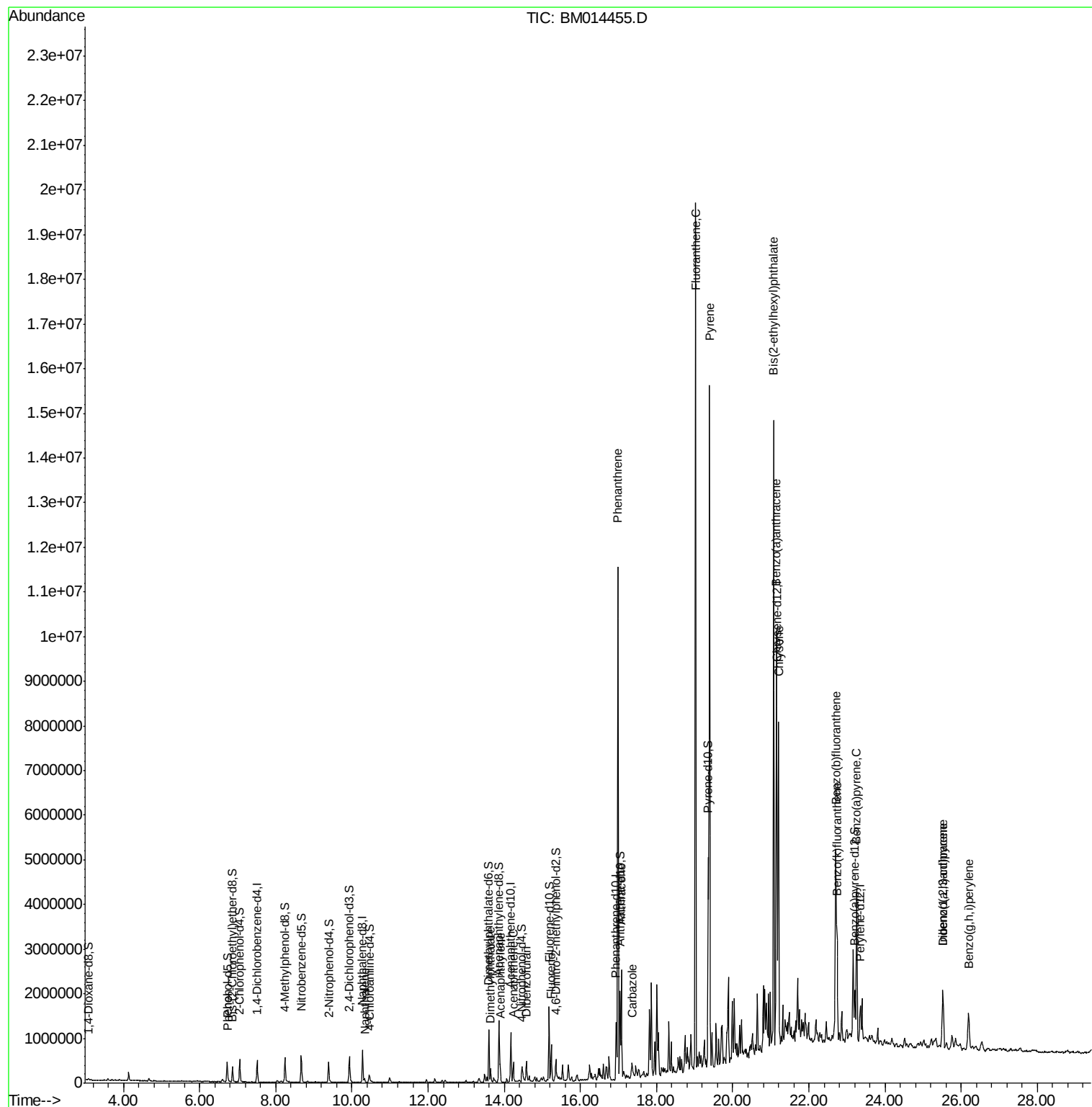
Instrument :
BNA_M
ClientSampleId :
BE5X6RE

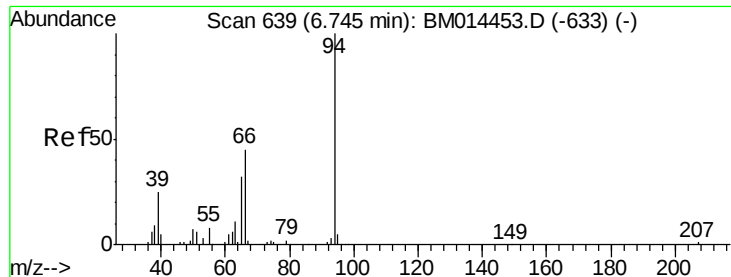
Quant Time: Mar 08 17:15:12 2018
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#6

Phenol

Concen: 2.748 ng/ul

RT: 6.75 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM014455.D

Acq: 02 Mar 2018 11:07

Instrument :

BNA_M

ClientSampleId :

BE5X6RE

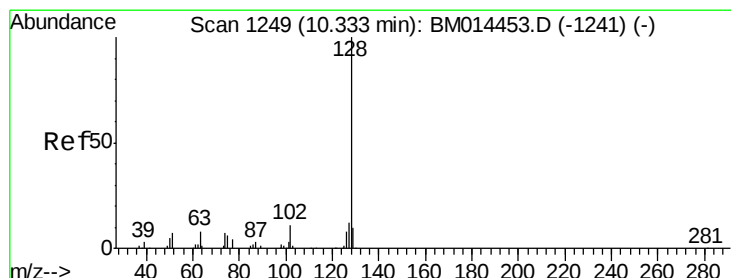
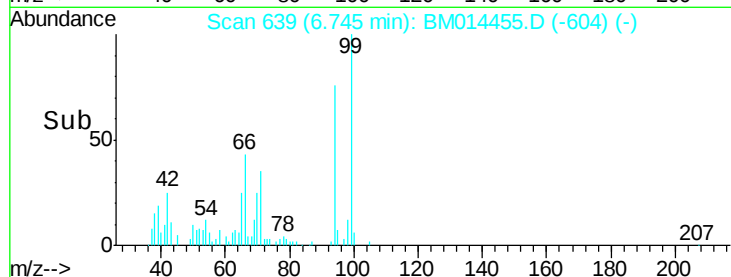
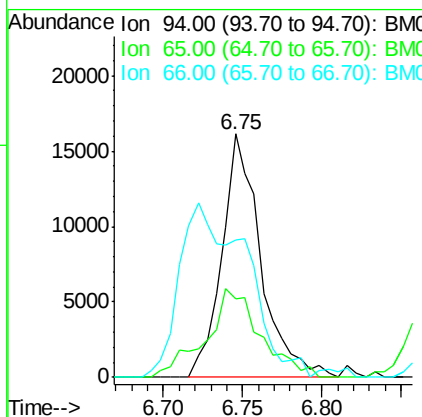
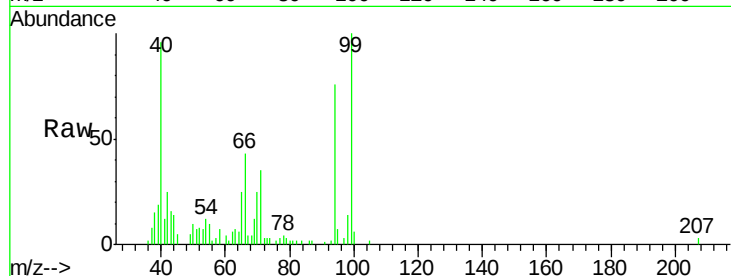
Tot Ion:	94	Resp:	27382
Ion	Ratio	Lower	Upper
94	100		
65	32.4	28.2	42.4
66	56.3	47.2	70.8

Manual Integrations
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#28

Naphthalene

Concen: 2.304 ng/ul

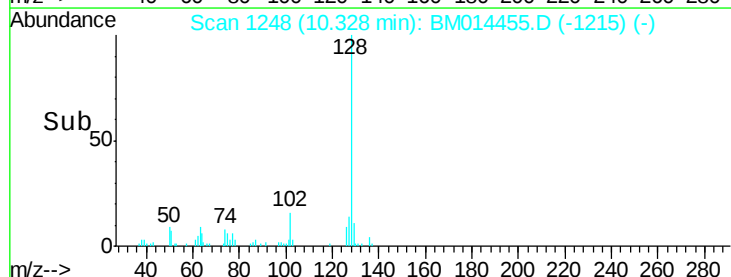
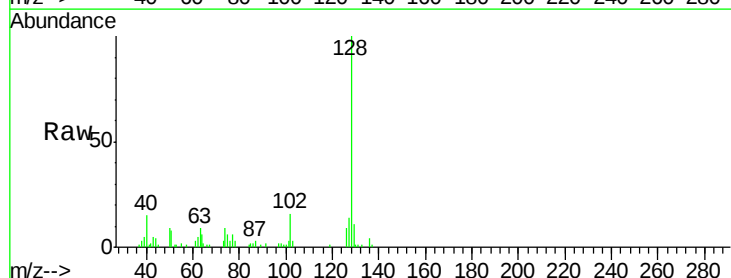
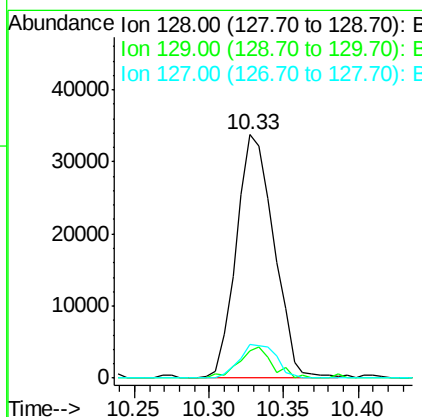
RT: 10.33 min Scan# 1248

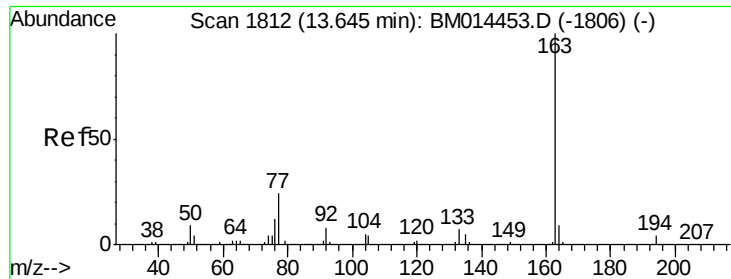
Delta R.T. -0.01 min

Lab File: BM014455.D

Acq: 02 Mar 2018 11:07

Tgt Ion:	128	Resp:	59396
Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.8	13.2
127	13.9	10.6	16.0





#44
Dimethylphthalate
Concen: 6.485 ng/ul
RT: 13.64 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014455.D
Acq: 02 Mar 2018 11:07

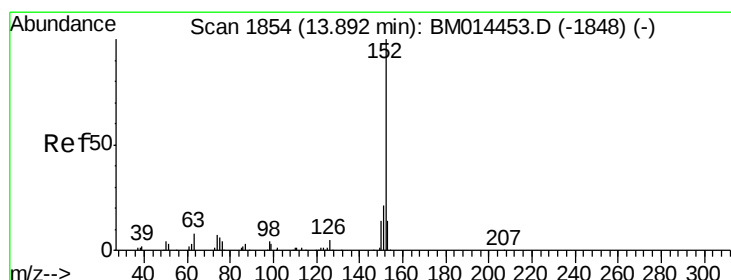
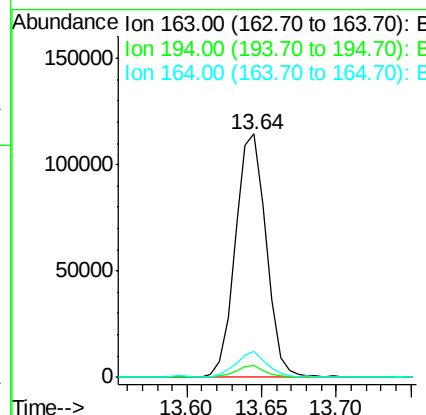
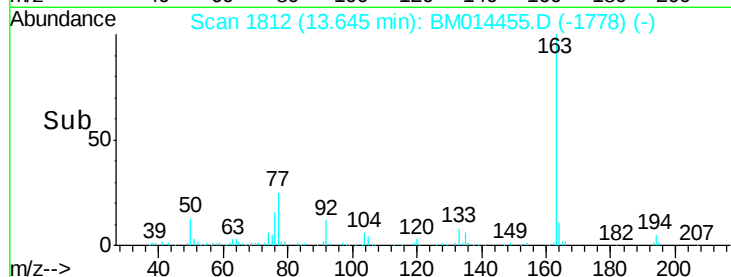
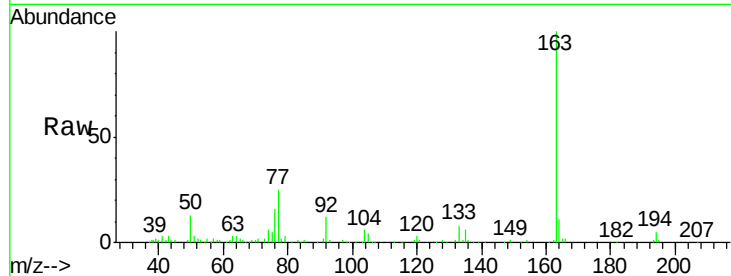
Instrument :
BNA_M
ClientSampleId :
BE5X6RE

Tot Ion:	163	Resp:	165595
Ion Ratio	Lower	Upper	
163	100		
194	4.8	3.5	5.3
164	10.9	8.2	12.4

Manual Integrations
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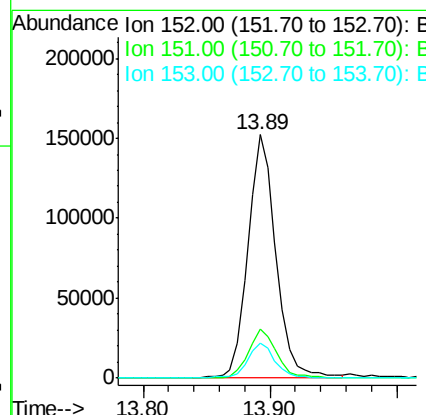
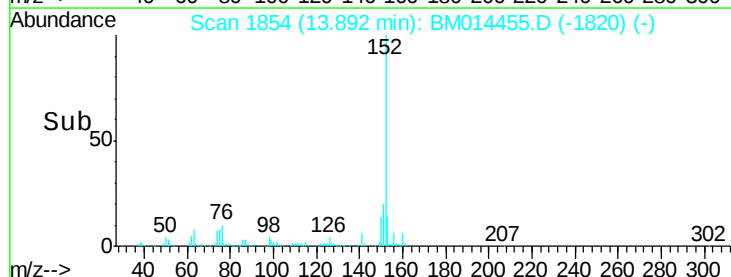
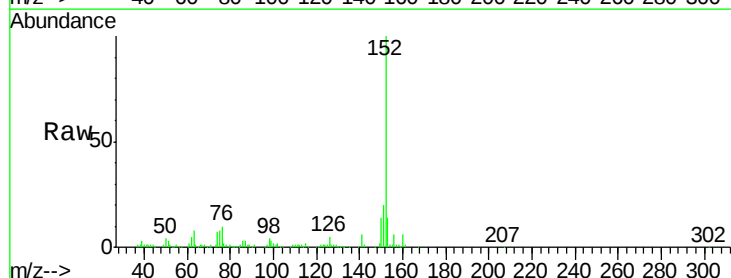
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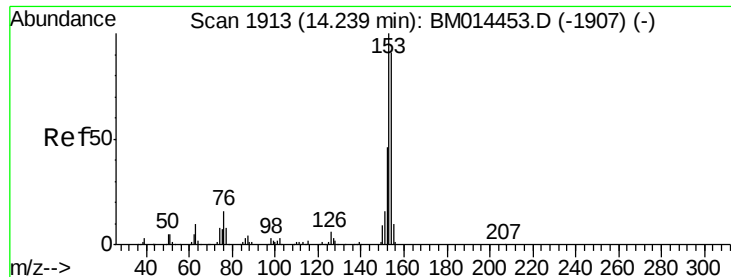
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#47
Acenaphthylene
Concen: 7.732 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM014455.D
Acq: 02 Mar 2018 11:07

Tgt Ion:	152	Resp:	233343
Ion Ratio	Lower	Upper	
152	100		
151	19.9	16.3	24.5
153	14.3	10.2	15.4





#49

Acenaphthene

Concen: 7.751 ng/ul

RT: 14.24 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM014455.D

Acq: 02 Mar 2018 11:07

Instrument :

BNA_M

ClientSampled :

BE5X6RE

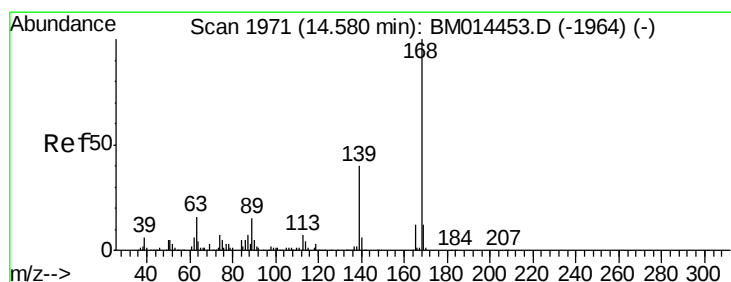
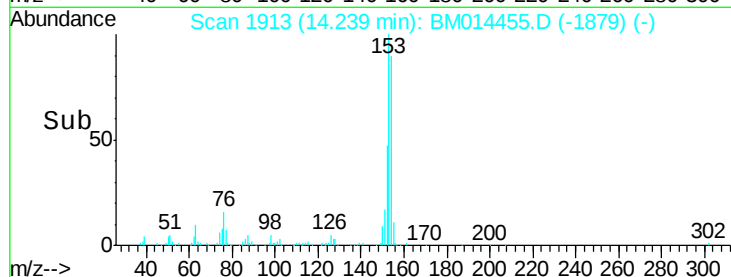
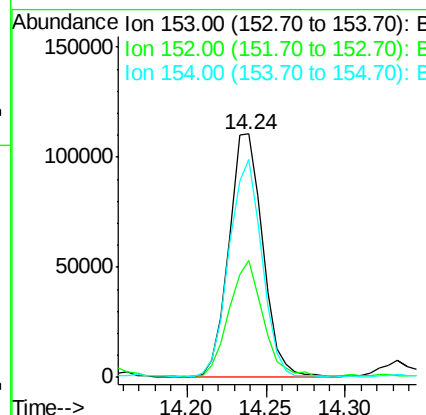
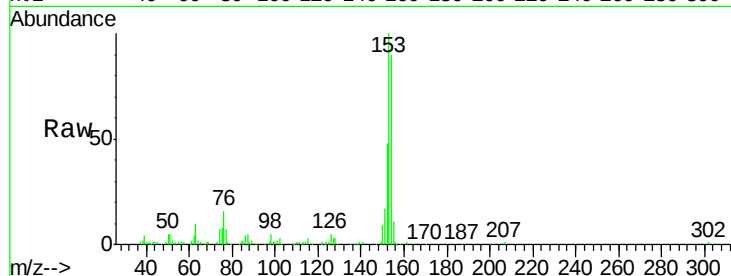
Tot Ion:	153	Resp:	164710
Ion Ratio	Lower	Upper	
153	100		
152	48.1	37.6	56.4
154	89.8	70.4	105.6

Manual Integrations
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#53

Dibenzofuran

Concen: 5.960 ng/ul

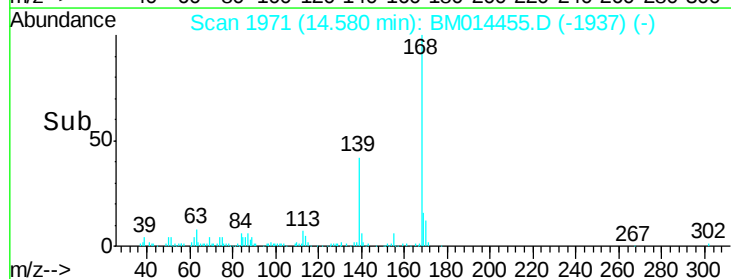
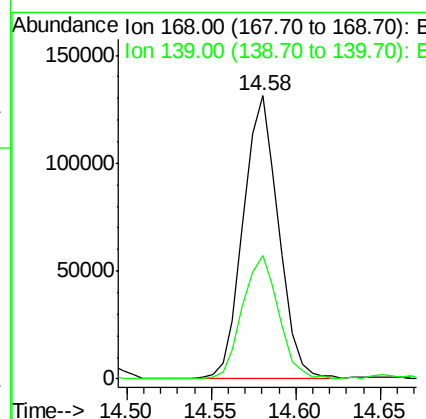
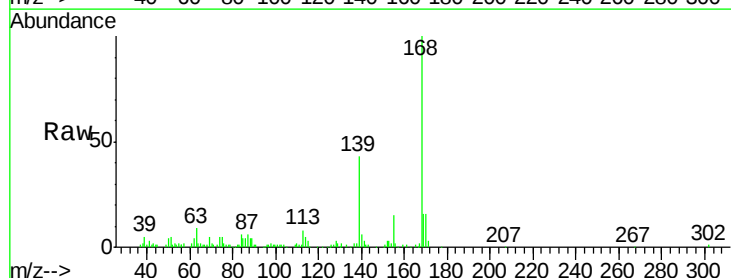
RT: 14.58 min Scan# 1971

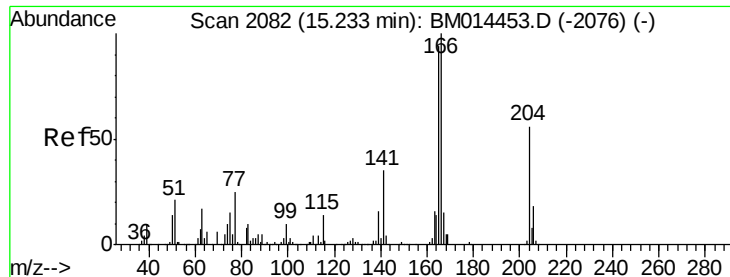
Delta R.T. 0.00 min

Lab File: BM014455.D

Acq: 02 Mar 2018 11:07

Tgt Ion:	168	Resp:	189903
Ion Ratio	Lower	Upper	
168	100		
139	43.4	30.8	46.2





#58
 Fluorene
 Concen: 11.006 ng/ul
 RT: 15.23 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BM014455.D
 Acq: 02 Mar 2018 11:07

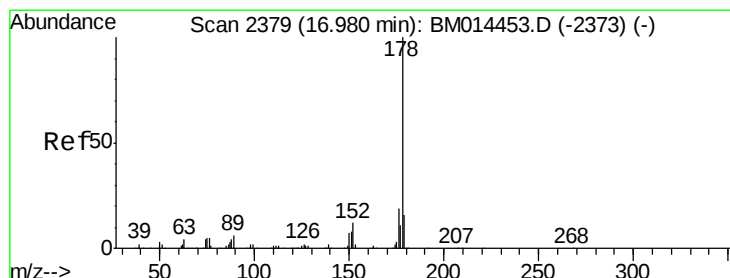
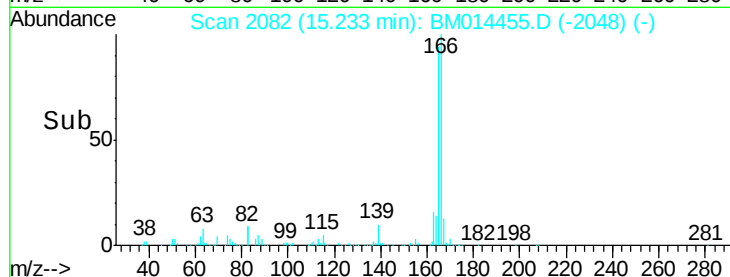
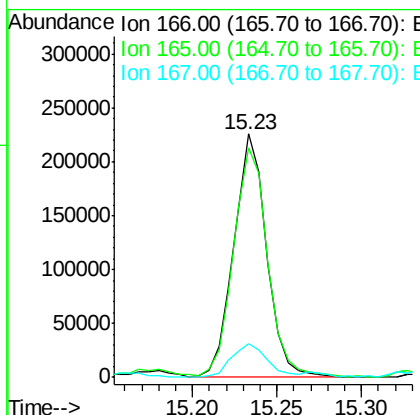
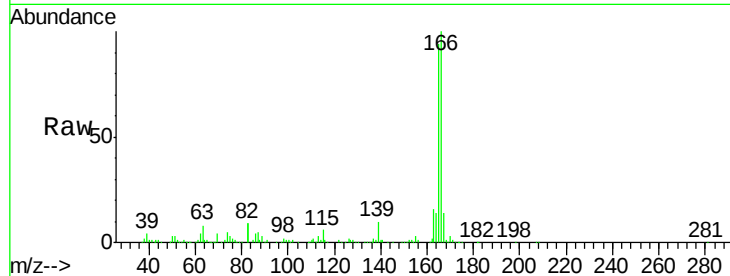
Instrument :
 BNA_M
 ClientSampleId :
 BE5X6RE

Tot Ion	Ratio	Lower	Upper
166	100		
165	94.0	77.9	116.9
167	14.0	10.6	16.0

Manual Integrations
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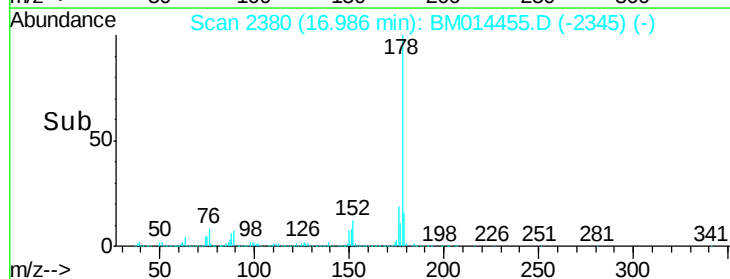
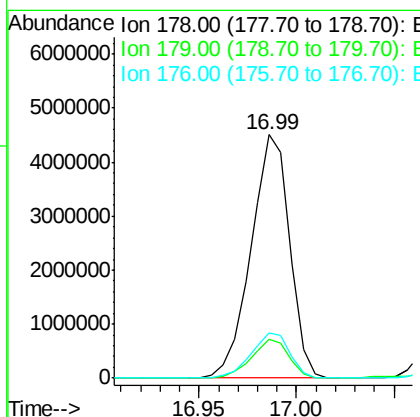
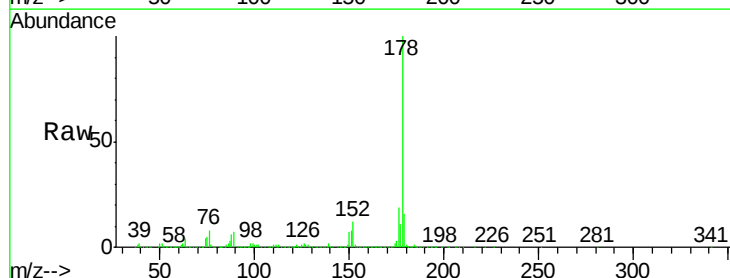
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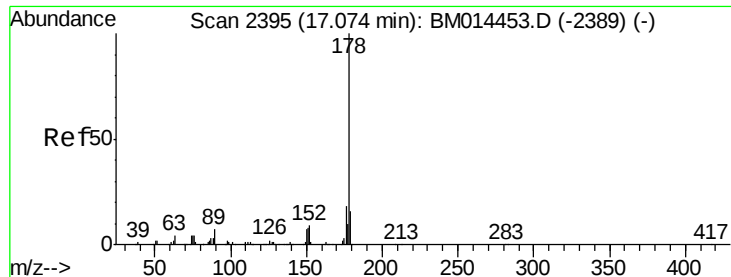
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#69
 Phenanthrene
 Concen: 154.364 ng/ul
 RT: 16.99 min Scan# 2380
 Delta R.T. 0.01 min
 Lab File: BM014455.D
 Acq: 02 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	18.7	14.9	22.3





#71
 Anthracene
 Concen: 31.941 ng/ul
 RT: 17.07 min Scan# 2395
 Delta R.T. 0.01 min
 Lab File: BM014455.D
 Acq: 02 Mar 2018 11:07

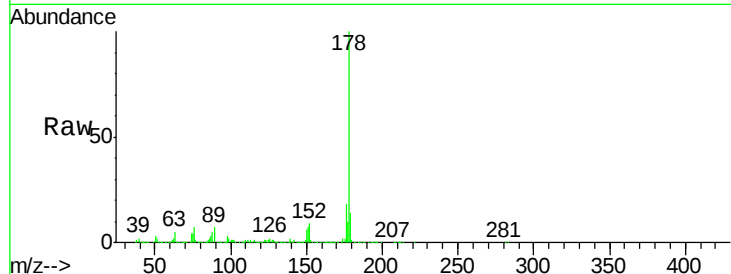
Instrument :
 BNA_M
 ClientSampled :
 BE5X6RE

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.2	11.7	17.5
176	18.0	14.6	21.8

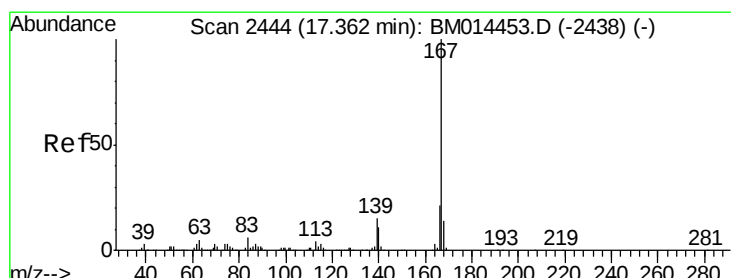
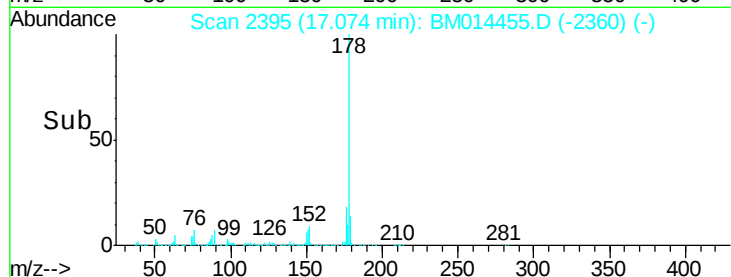
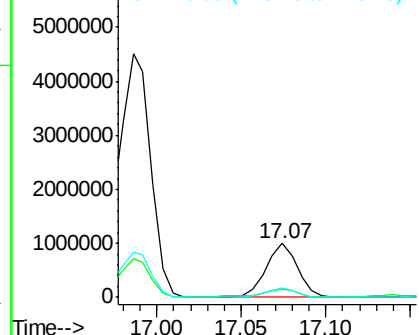
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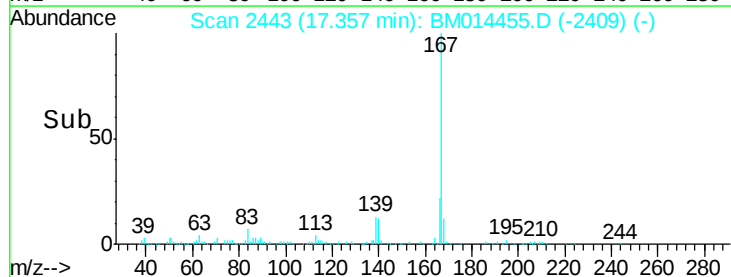
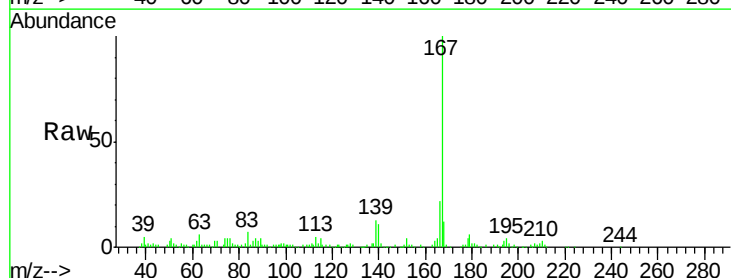
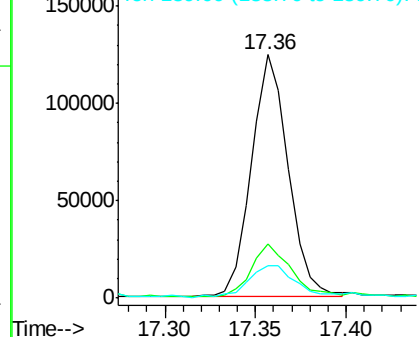
Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

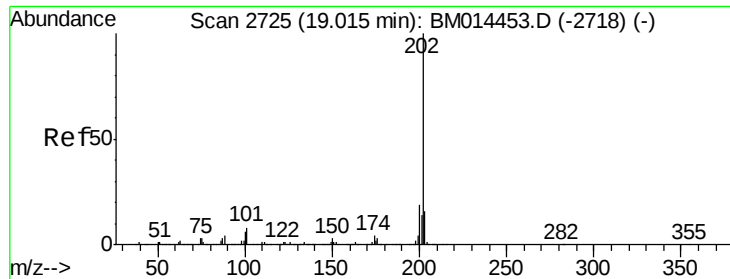


#72
 Carbazole
 Concen: 5.165 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. 0.00 min
 Lab File: BM014455.D
 Acq: 02 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.5	17.1	25.7
139	13.4	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





#74

Fluoranthene

Concen: 231.636 ng/ul

RT: 19.03 min Scan# 2727

Delta R.T. 0.02 min

Lab File: BM014455.D

Acq: 02 Mar 2018 11:07

Instrument :

BNA_M

ClientSampled :

BE5X6RE

Tot Ion:202 Resp:11058920

Ion Ratio Lower Upper

202 100

101 9.1 4.6 7.0#

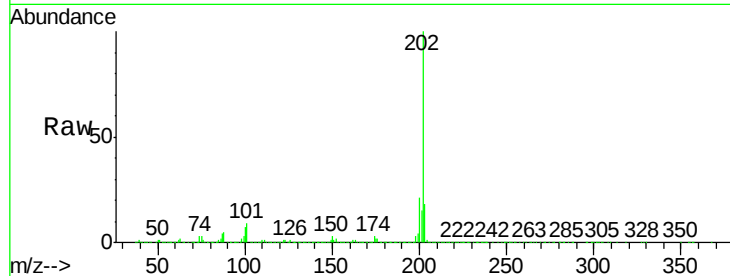
100 7.3 3.4 5.2#

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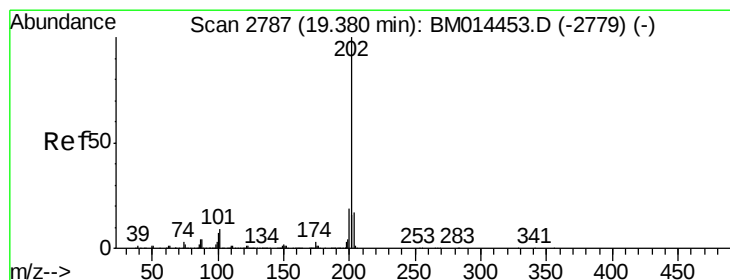
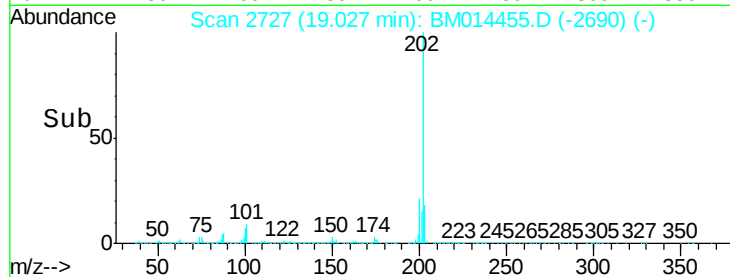
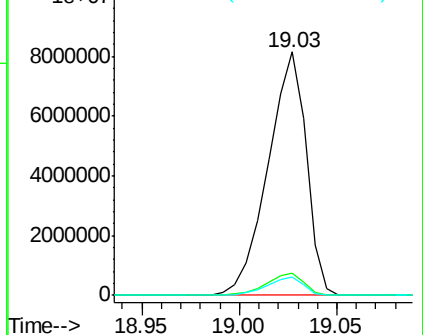
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 194.361 ng/ul

RT: 19.39 min Scan# 2789

Delta R.T. 0.02 min

Lab File: BM014455.D

Acq: 02 Mar 2018 11:07

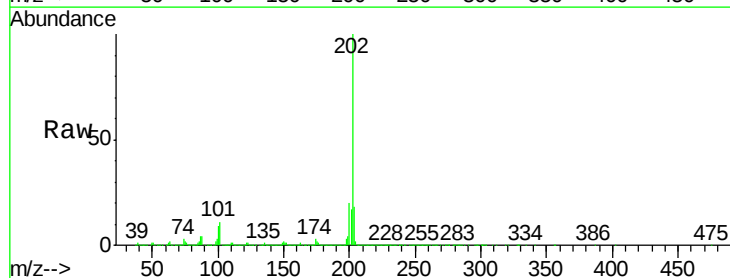
Tgt Ion:202 Resp: 9117450

Ion Ratio Lower Upper

202 100

101 10.6 5.1 7.7#

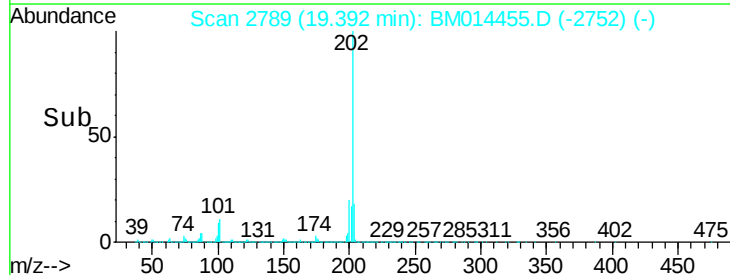
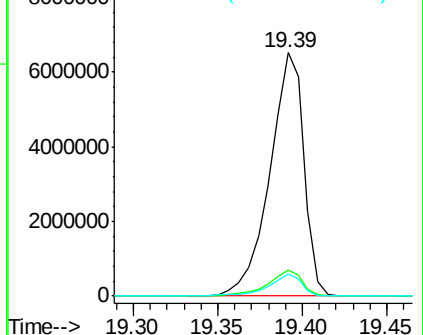
100 8.9 4.9 7.3#

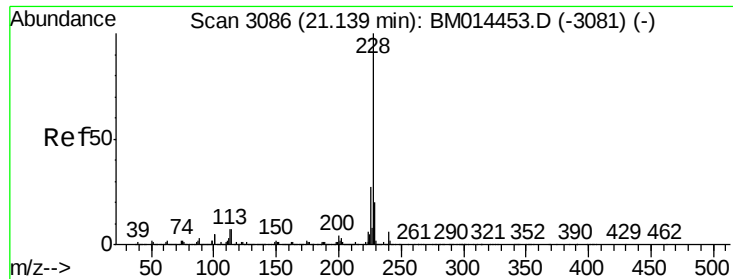


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80
Benzo(a)anthracene
Concen: 98.779 ng/ul
RT: 21.15 min Scan# 3088
Delta R.T. 0.02 min
Lab File: BM014455.D
Acq: 02 Mar 2018 11:07

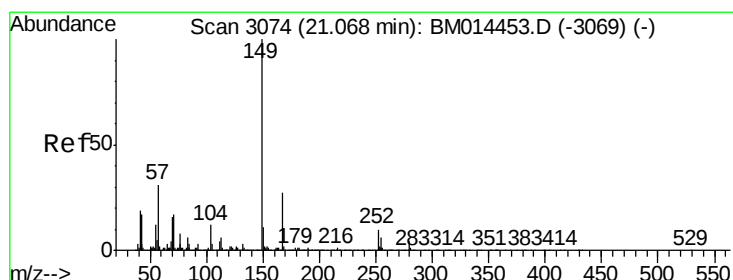
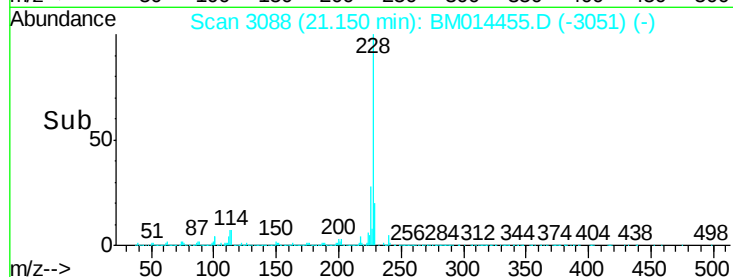
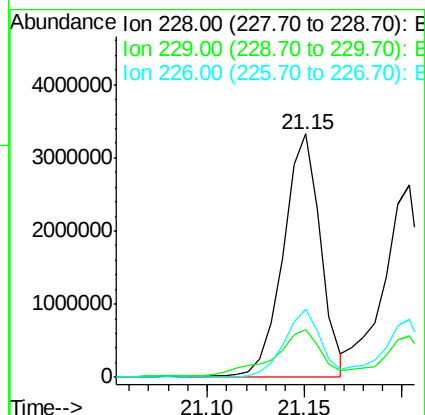
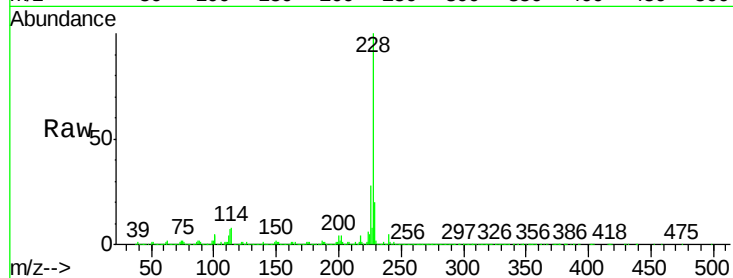
Instrument :
BNA_M
ClientSampleId :
BE5X6RE

Tot Ion:228 Resp: 4351513
Ion Ratio Lower Upper
228 100
229 19.9 15.4 23.0
226 27.9 21.4 32.0

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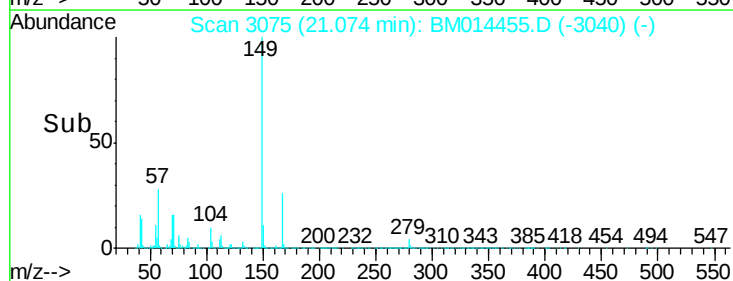
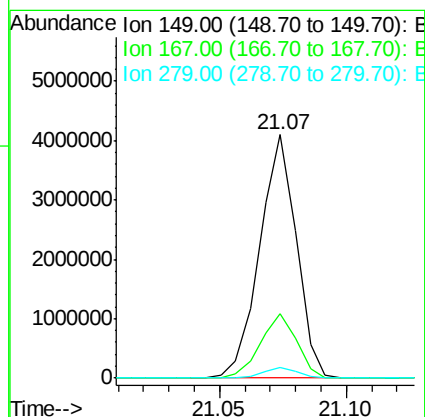
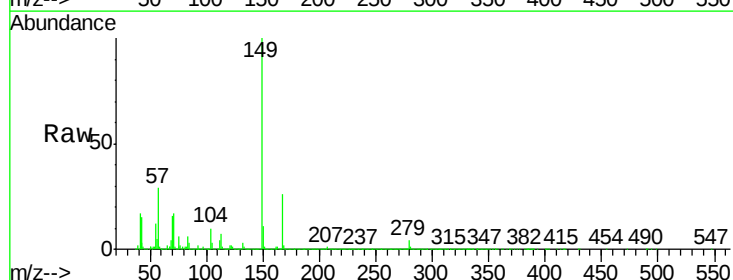
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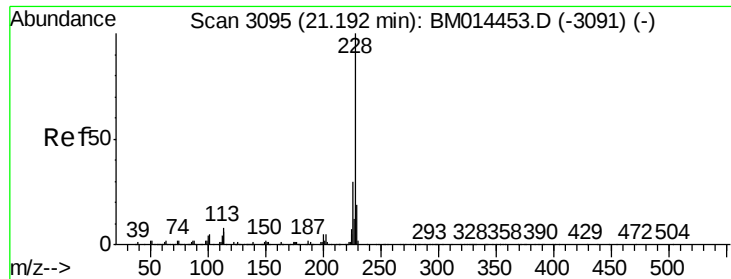
3/5/2018 3:20:53 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 147.854 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. 0.01 min
Lab File: BM014455.D
Acq: 02 Mar 2018 11:07

Tgt Ion:149 Resp: 4107173
Ion Ratio Lower Upper
149 100
167 26.3 22.8 34.2
279 4.2 4.9 7.3#





#82

Chrysene

Concen: 84.830 ng/ul

RT: 21.20 min Scan# 3097

Delta R.T. 0.02 min

Lab File: BM014455.D

Acq: 02 Mar 2018 11:07

Instrument :

BNA_M

ClientSampleId :

BE5X6RE

Tot Ion:228 Resp: 3486152

Ion Ratio Lower Upper

228 100

226 30.1 23.4 35.2

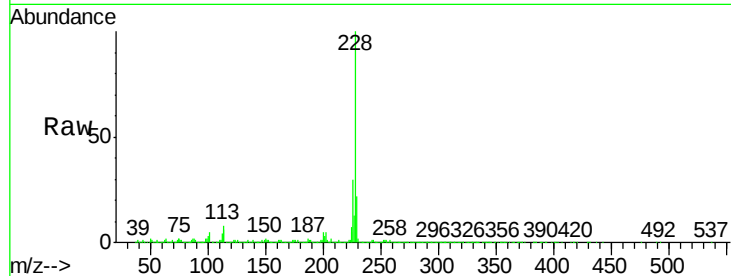
229 21.8 15.5 23.3

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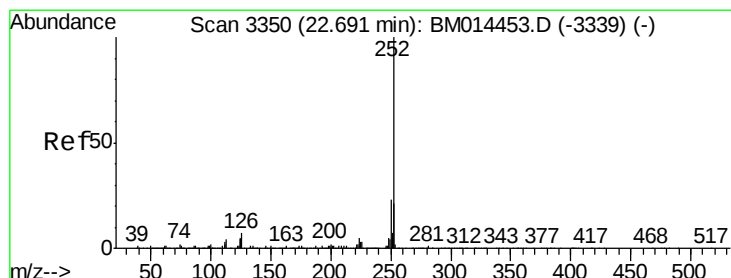
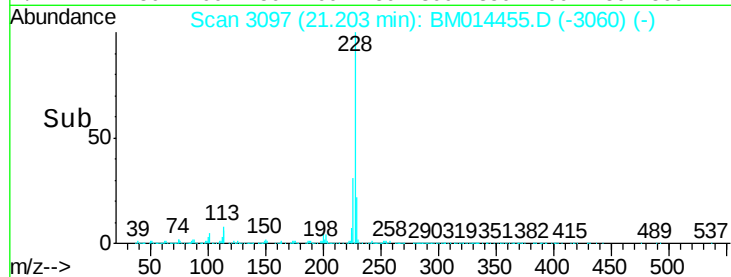
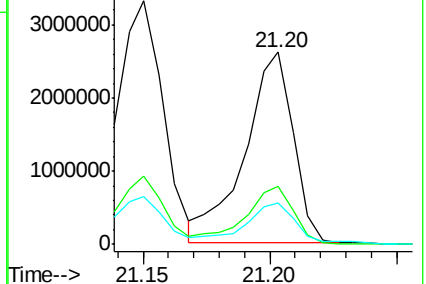
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 100.892 ng/ul

RT: 22.70 min Scan# 3352

Delta R.T. 0.02 min

Lab File: BM014455.D

Acq: 02 Mar 2018 11:07

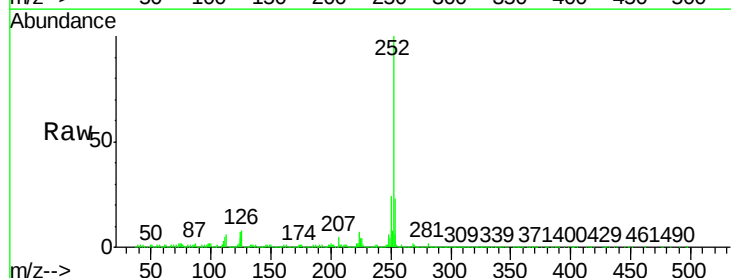
Tgt Ion:252 Resp: 3365123

Ion Ratio Lower Upper

252 100

253 23.0 17.9 26.9

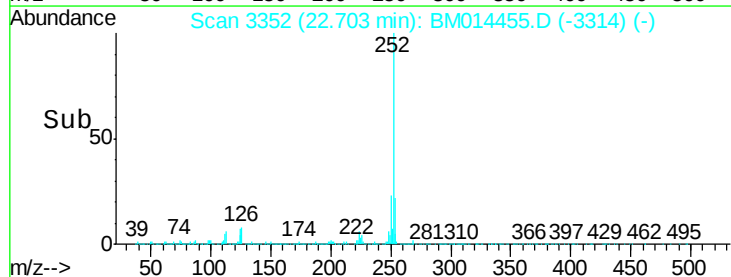
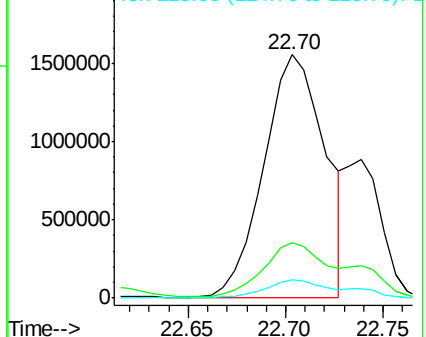
125 7.4 3.6 5.4#

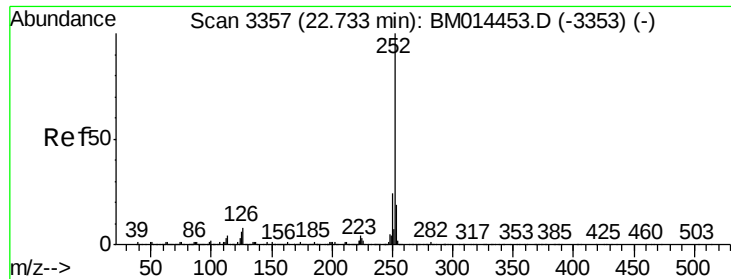


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 34.957 ng/ul m

RT: 22.74 min Scan# 3358

Delta R.T. 0.02 min

Lab File: BM014455.D

Acq: 02 Mar 2018 11:07

Instrument :

BNA_M

ClientSampleId :

BE5X6RE

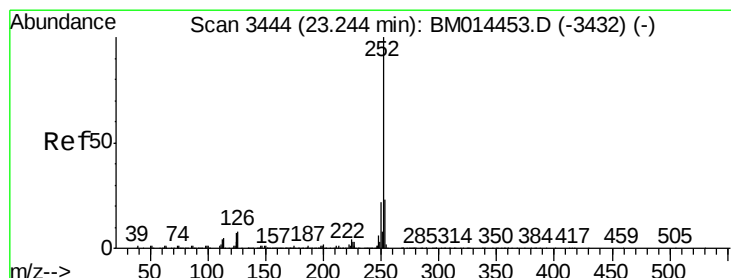
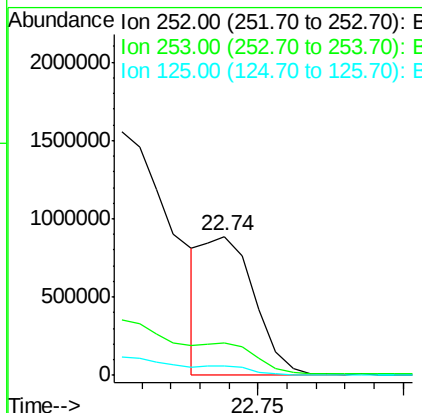
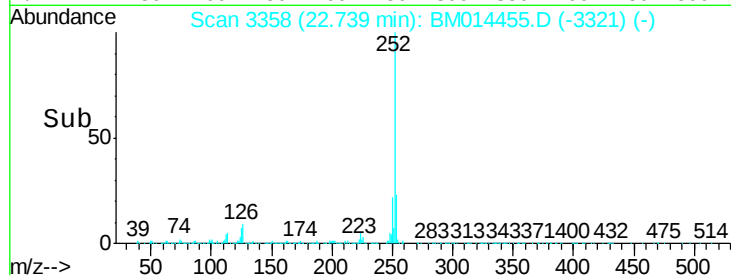
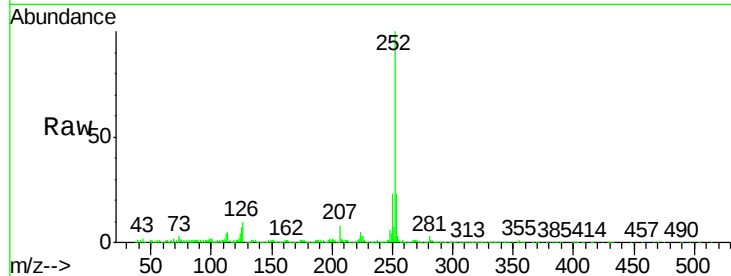
Tot Ion:	252	Resp:	1108523
Ion Ratio	Lower	Upper	
252	100		
253	23.3	17.1	25.7
125	6.8	3.4	5.2#

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3/5/2018 3:20:53 PM



#88

Benzo(a)pyrene

Concen: 75.685 ng/ul

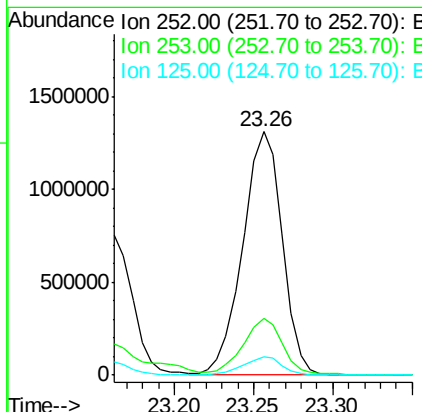
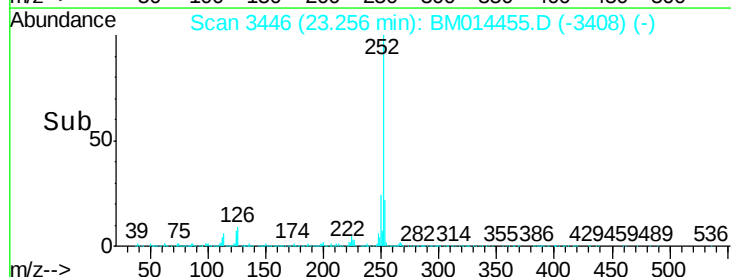
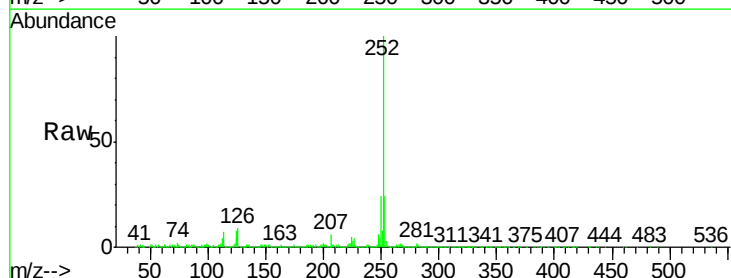
RT: 23.26 min Scan# 3446

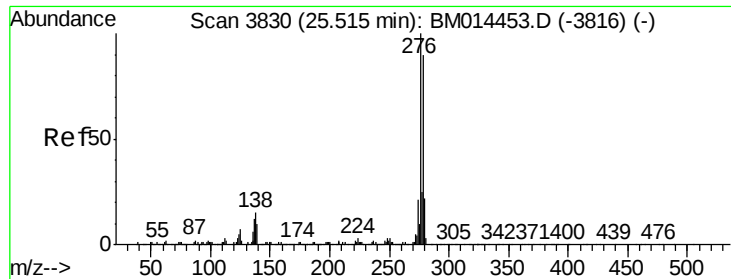
Delta R.T. 0.02 min

Lab File: BM014455.D

Acq: 02 Mar 2018 11:07

Tgt Ion:	252	Resp:	2255797
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.2	27.2
125	7.7	4.0	6.0#





#89

Indeno(1,2,3-cd)pyrene
Concen: 40.576 ng/uL
RT: 25.53 min Scan# 3832
Delta R.T. 0.04 min
Lab File: BM014455.D
Acq: 02 Mar 2018 11:07

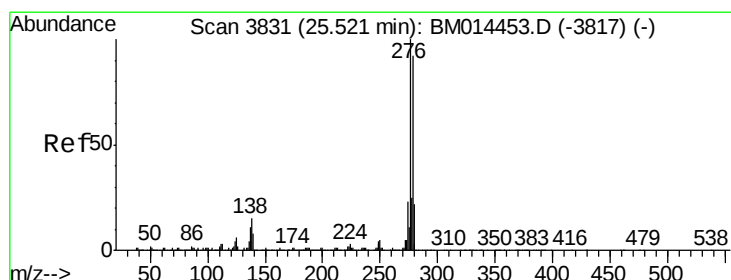
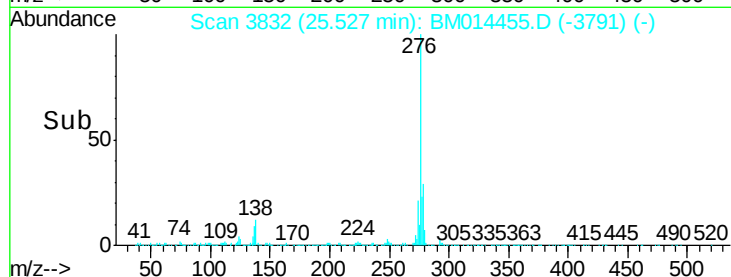
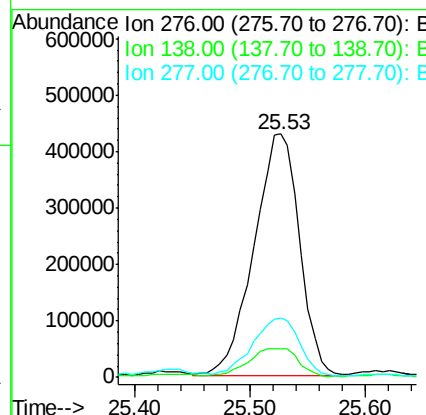
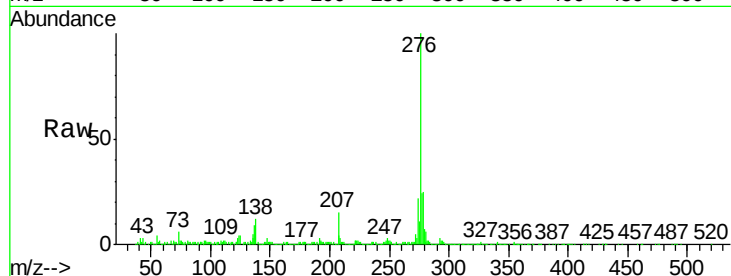
Instrument :
BNA_M
ClientSampleId :
BE5X6RE

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.0	9.3	13.9
277	24.2	19.9	29.9

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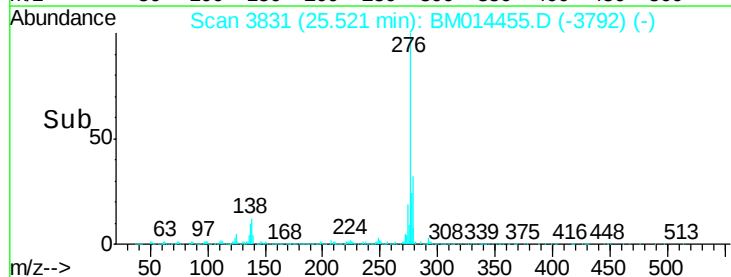
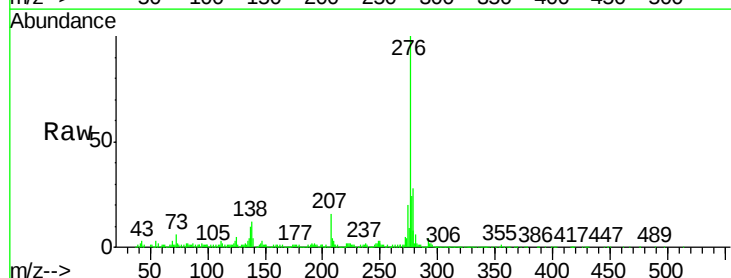
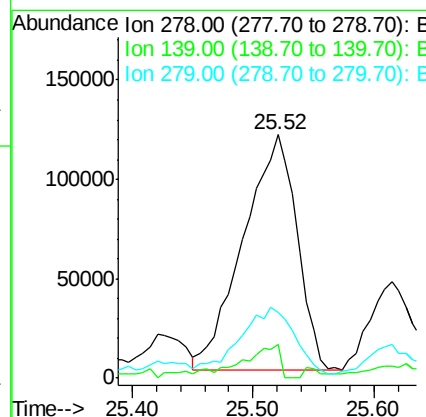
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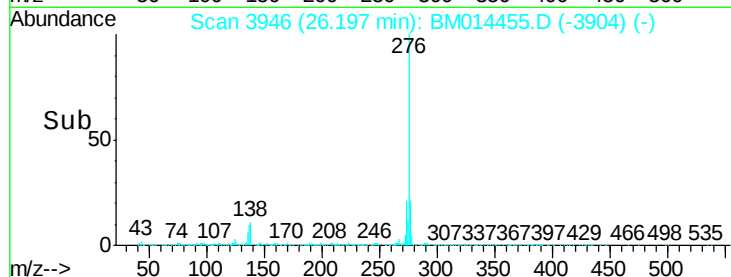
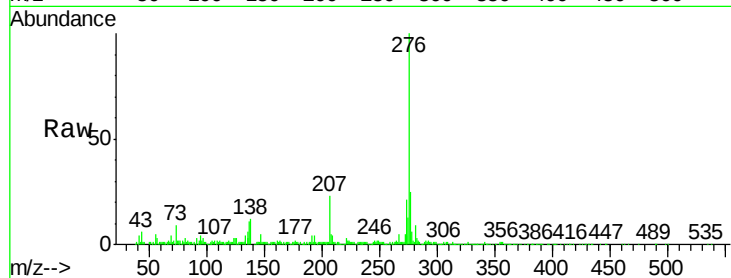
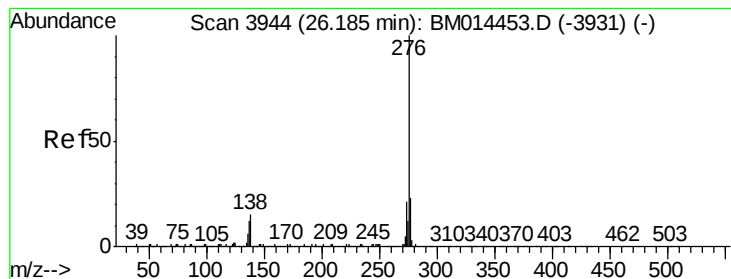


#90

Dibenzo(a,h)anthracene
Concen: 15.164 ng/uL
RT: 25.52 min Scan# 3831
Delta R.T. 0.03 min
Lab File: BM014455.D
Acq: 02 Mar 2018 11:07

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.8	5.8	8.8#
279	26.8	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 36.052 ng/ul

RT: 26.20 min Scan# 3946

Delta R.T. 0.05 min

Lab File: BM014455.D

Acq: 02 Mar 2018 11:07

Tot Ion:	276	Resp:	844670
Ion Ratio	Lower	Upper	
276	100		
138	12.3	8.5	12.7
277	24.9	18.6	28.0

Instrument :

BNA_M

ClientSampleId :

BE5X6RE

Manual Integrations
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