

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014427.D
 Acq On : 01 Mar 2018 06:56
 Operator : SJ/JU
 Sample : J1678-10 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5W0

Manual Integrations
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Sohil
 3/1/2018 5:15:48 PM

Quant Time: Mar 01 07:52:43 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	159429	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	747260	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	441612	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	941598	20.00	ng/ul	0.00
75) Chrysene-d12	21.16	240	940367	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	703881	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	2654m	0.71	ng/uL	0.01
5) Phenol-d5	6.73	99	41805m	3.10	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	22629	2.77	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	32702	3.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	31806	2.70	ng/ul	0.02
19) Nitrobenzene-d5	8.69	128	17800	3.22	ng/ul	0.02
22) 2-Nitrophenol-d4	9.40	143	18396m	3.22	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.95	165	36959m	3.12	ng/ul	0.02
29) 4-Chloroaniline-d4	10.46	131	24675m	2.12	ng/ul	0.02
43) Dimethylphthalate-d6	13.60	166	128374	3.52	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	161100	3.58	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	10106m	2.01	ng/ul	0.06
57) Fluorene-d10	15.18	176	110830	3.39	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	340	0.06	ng/ul	0.00
70) Anthracene-d10	17.04	188	172304	3.79	ng/ul	0.00
76) Pyrene-d10	19.35	212	190238	3.92	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	130135	3.80	ng/ul	0.01

Target Compounds

					Ovalue	
28) Naphthalene	10.33	128	179742	4.683	ng/ul#	95
34) 2-Methylnaphthalene	11.96	142	73272	2.508	ng/ul	91
47) Acenaphthylene	13.89	152	105821	2.490	ng/ul#	97
49) Acenaphthene	14.24	153	185972	6.214	ng/ul	99
53) Dibenzofuran	14.58	168	178933	3.987	ng/ul	92
58) Fluorene	15.23	166	238130	6.146	ng/ul	98
69) Phenanthrene	16.99	178	4253840	78.410	ng/ul	99
71) Anthracene	17.07	178	827122	15.160	ng/ul	100
72) Carbazole	17.36	167	350744	7.645	ng/ul	98
74) Fluoranthene	19.02	202	5464000	84.301	ng/ul#	92
77) Pyrene	19.39	202	5121005	81.944	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	2317664	39.491	ng/ul	99
82) Chrysene	21.19	228	2049827	37.441	ng/ul	98
85) Benzo(b)fluoranthene	22.69	252	1951078	41.397	ng/ul#	97
86) Benzo(k)fluoranthene	22.73	252	626218m	13.975	ng/ul	
88) Benzo(a)pyrene	23.24	252	1364187	32.391	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	753649	18.441	ng/ul#	96
90) Dibenzo(a,h)anthracene	25.50	278	227225	6.691	ng/ul#	92
91) Benzo(g,h,i)perylene	26.16	276	569417	17.199	ng/ul#	95

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

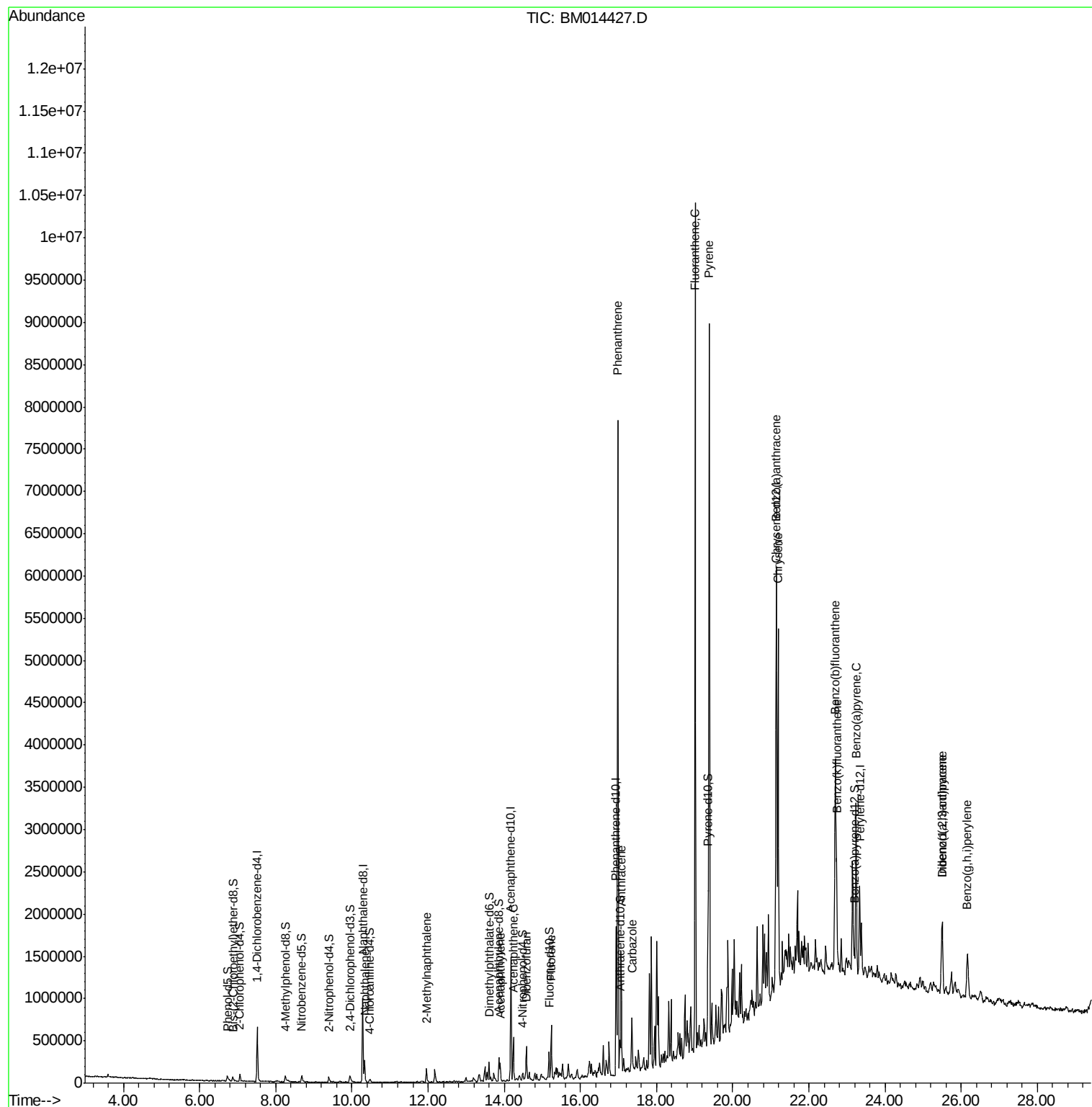
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014427.D
Acq On : 01 Mar 2018 06:56
Operator : SJ/JU
Sample : J1678-10 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

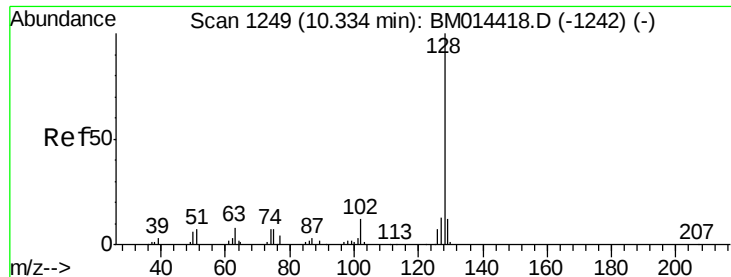
Instrument :
BNA_M
ClientSampleId :
BE5W0

Quant Time: Mar 01 07:52:43 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
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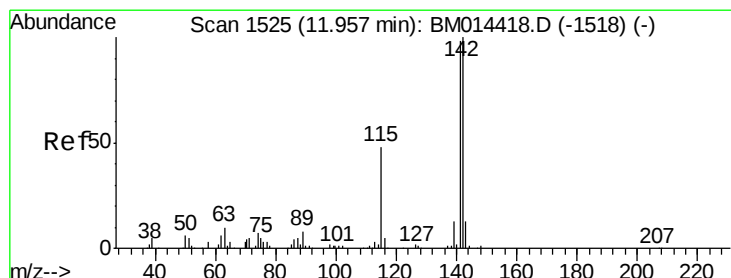
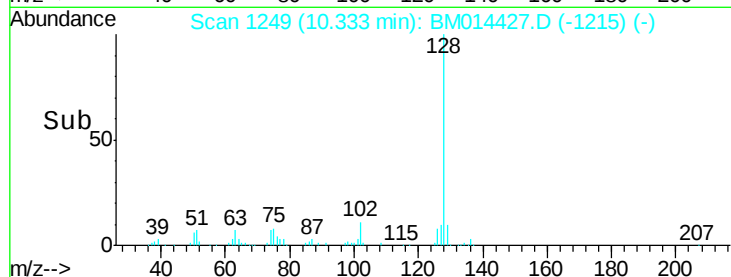
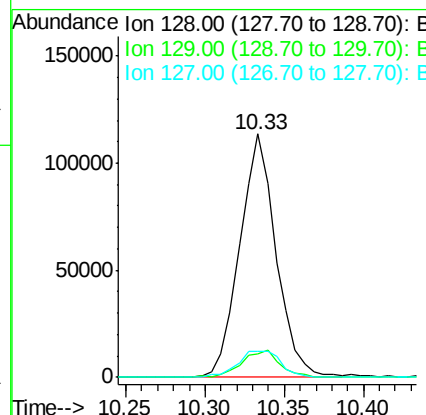
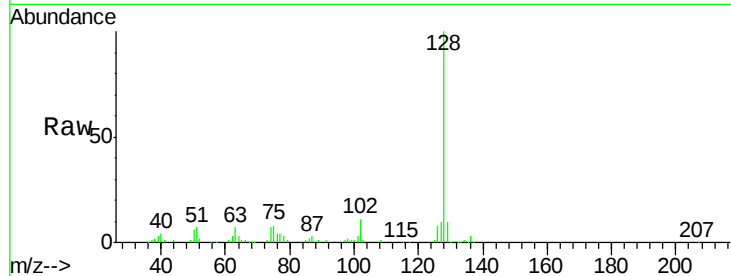
#28
Naphthalene
Concen: 4.683 ng/ul
RT: 10.33 min Scan# 1249
Delta R.T. 0.00 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

Tot Ion	Ratio	Lower	Upper
128	100		
129	9.9	8.8	13.2
127	10.5	10.6	16.0

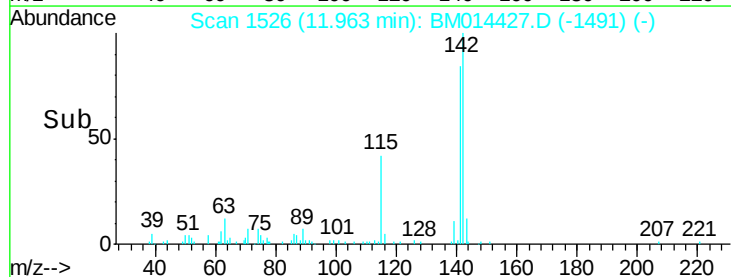
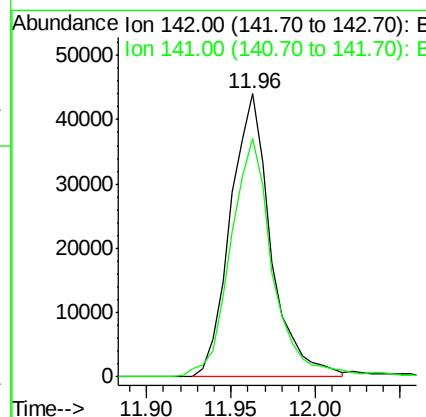
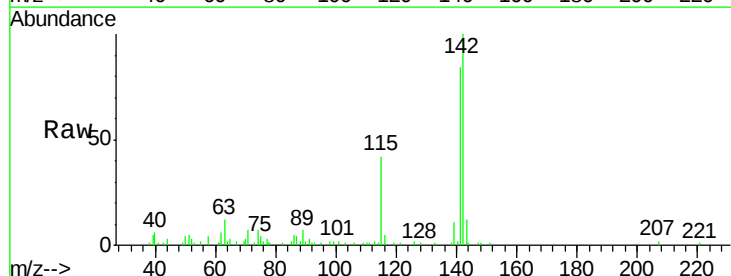
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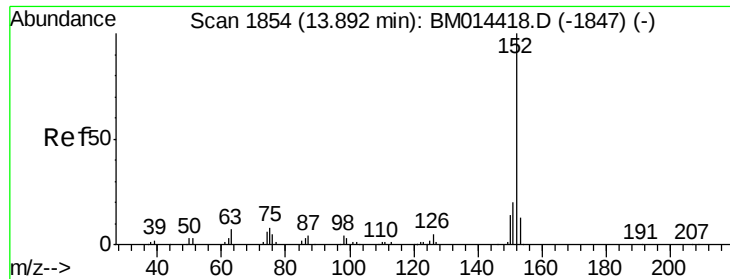
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#34
2-Methylnaphthalene
Concen: 2.508 ng/ul
RT: 11.96 min Scan# 1526
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.1	74.1	111.1





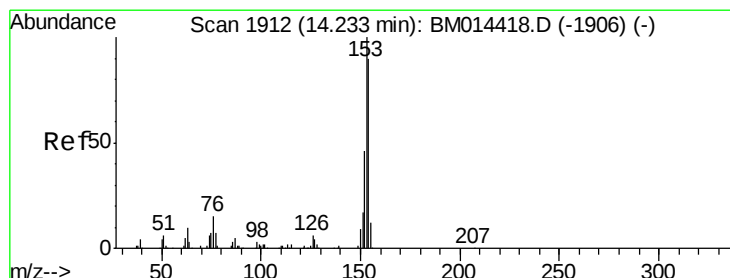
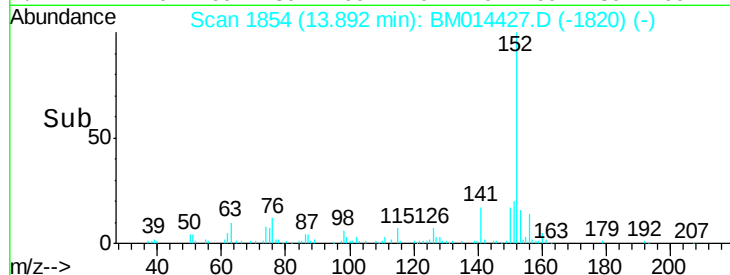
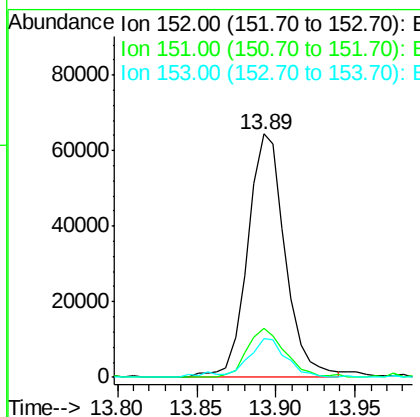
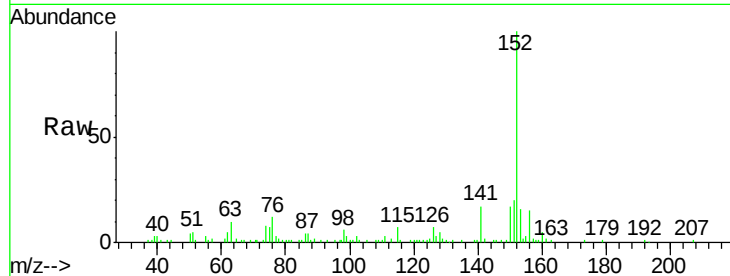
#47
Acenaphthylene
Concen: 2.490 ng/ul
RT: 13.89 min Scan# 1854
Delta R.T. 0.00 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	16.0	10.2	15.4

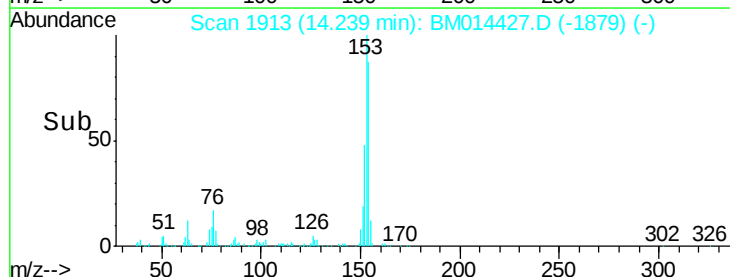
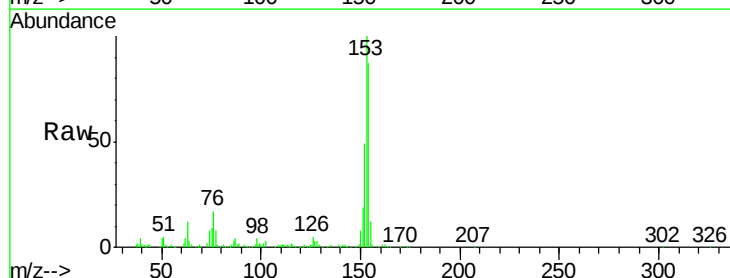
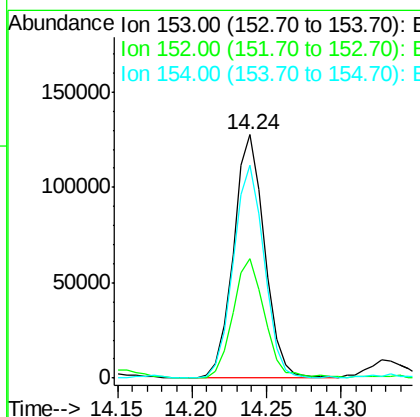
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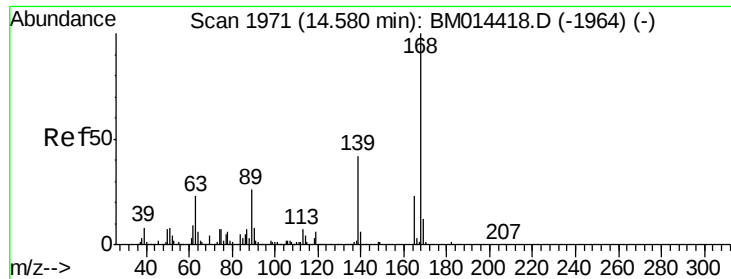
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#49
Acenaphthene
Concen: 6.214 ng/ul
RT: 14.24 min Scan# 1913
Delta R.T. 0.00 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.9	37.6	56.4
154	87.5	70.4	105.6





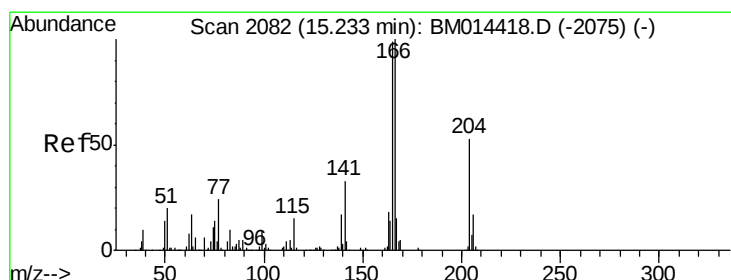
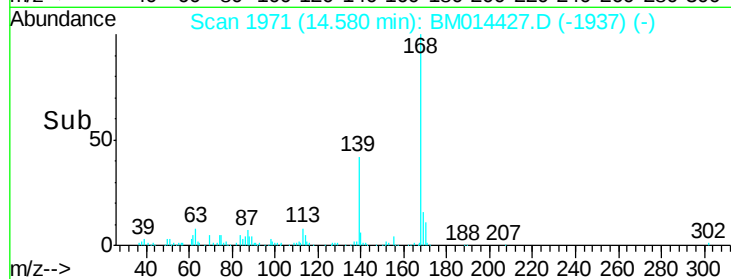
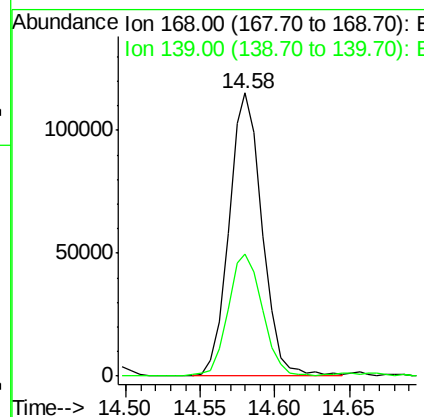
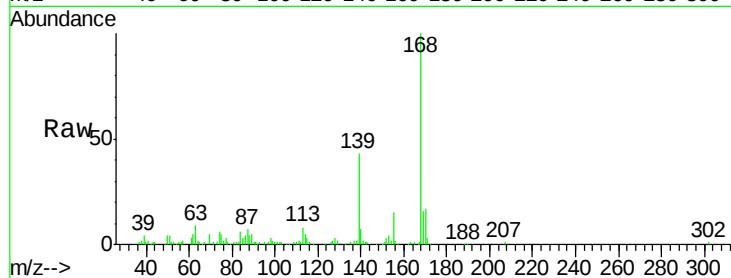
#53
Dibenzo(f,h)quinoxaline
Concen: 3.987 ng/ul
RT: 14.58 min Scan# 1971
Delta R.T. 0.00 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampled :
BE5W0

Tot Ion	Ratio	Lower	Upper
168	100		
139	43.2	30.8	46.2

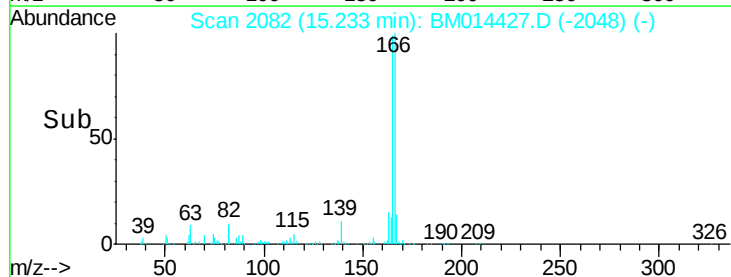
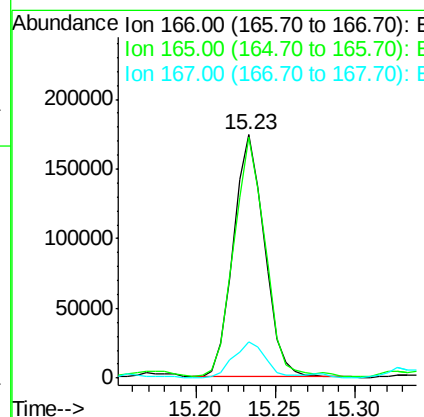
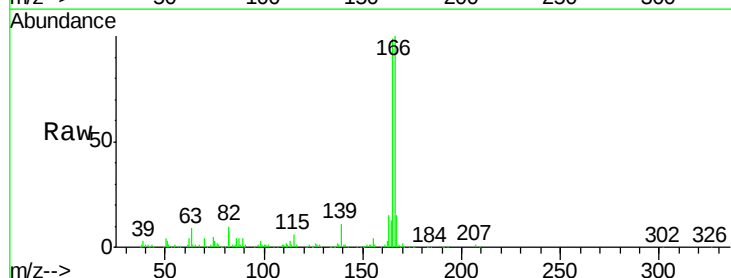
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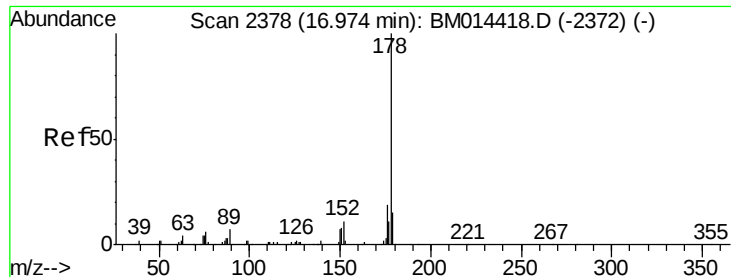
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#58
Fluorene
Concen: 6.146 ng/ul
RT: 15.23 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.1	77.9	116.9
167	14.9	10.6	16.0





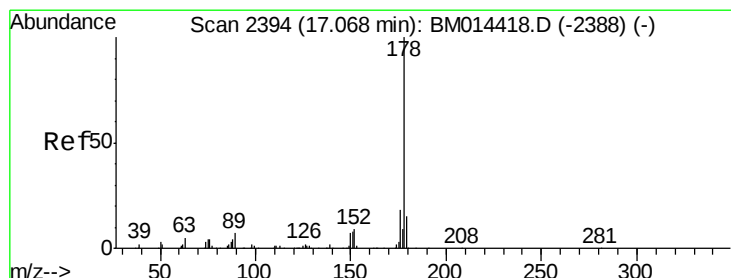
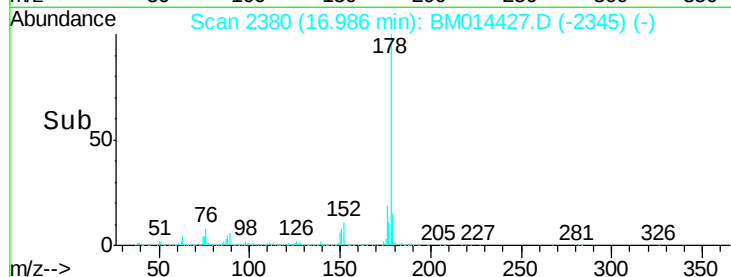
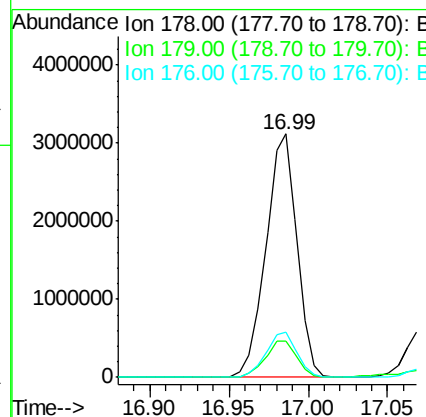
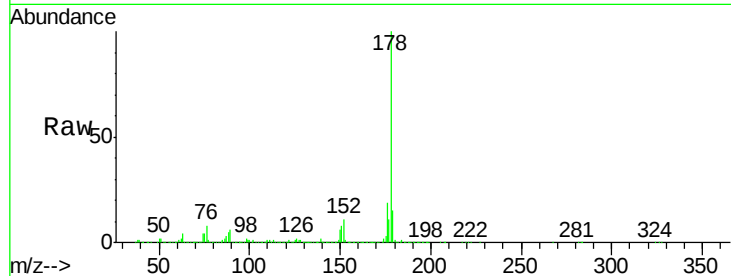
#69
Phenanthrene
Concen: 78.410 ng/ul
RT: 16.99 min Scan# 2380
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	12.6	19.0
176	18.8	14.9	22.3

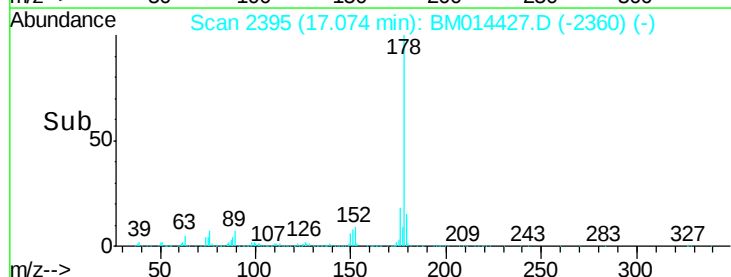
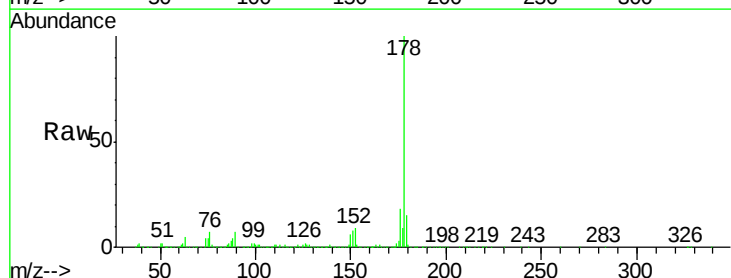
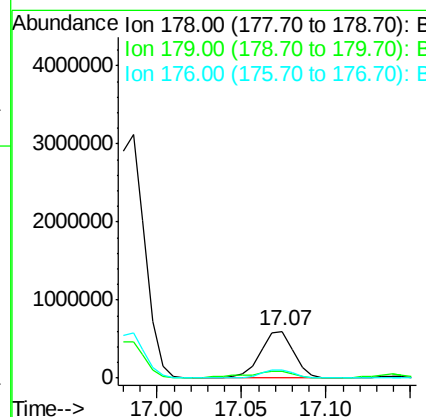
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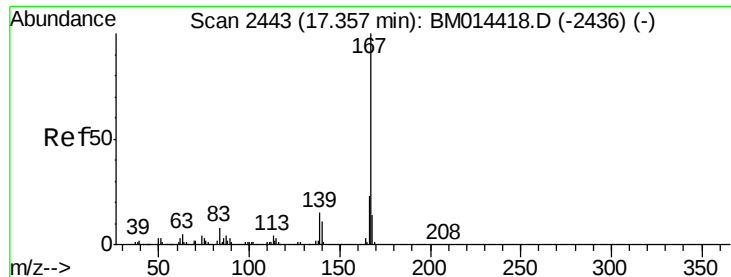
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#71
Anthracene
Concen: 15.160 ng/ul
RT: 17.07 min Scan# 2395
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.7	17.5
176	18.2	14.6	21.8





#72

Carbazole

Concen: 7.645 ng/ul

RT: 17.36 min Scan# 2443

Delta R.T. 0.00 min

Lab File: BM014427.D

Acq: 01 Mar 2018 06:56

Instrument :

BNA_M

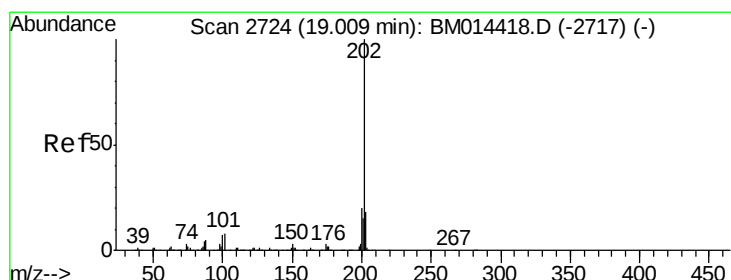
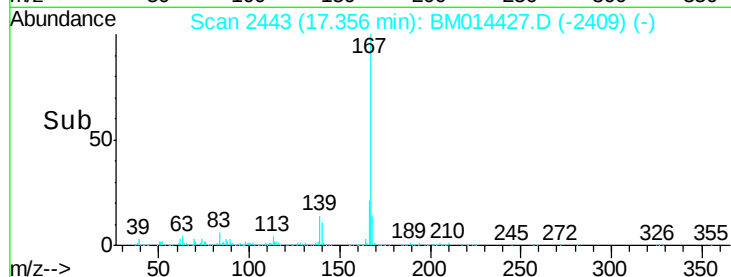
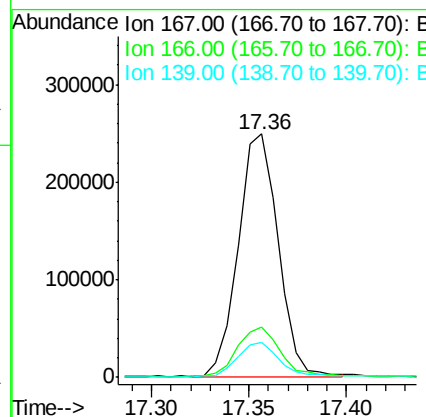
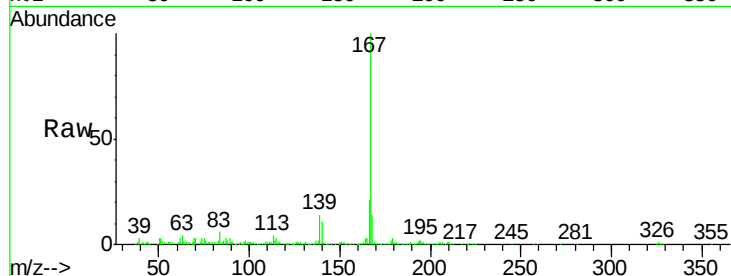
ClientSampleId :

BE5W0

Tot Ion:	167	Resp:	350744
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.1	25.7
139	14.3	10.0	15.0

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#74

Fluoranthene

Concen: 84.301 ng/ul

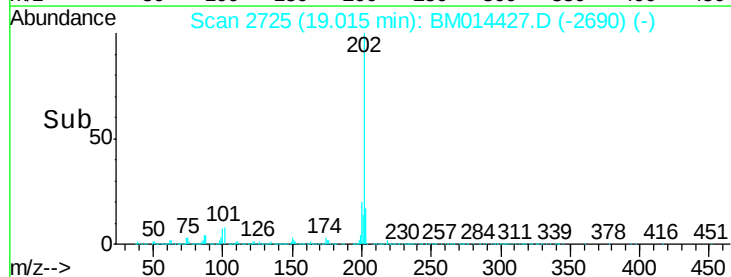
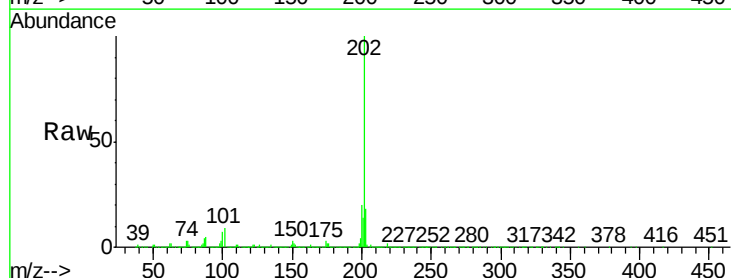
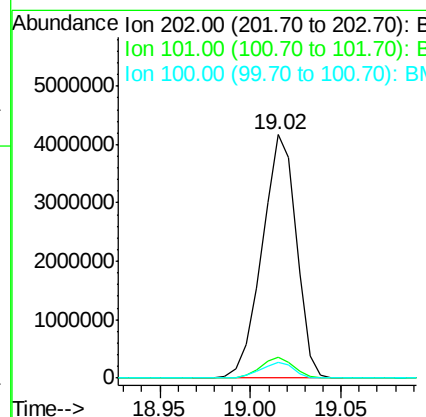
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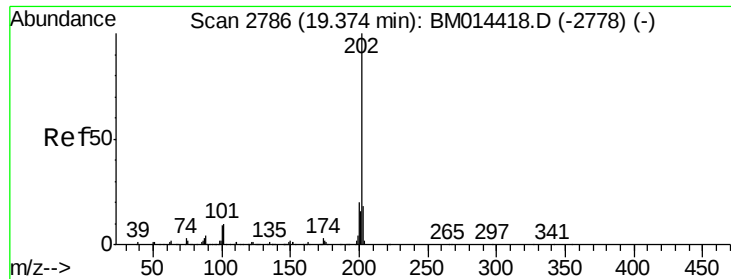
Delta R.T. 0.01 min

Lab File: BM014427.D

Acq: 01 Mar 2018 06:56

Tgt Ion:	202	Resp:	5464000
Ion Ratio	Lower	Upper	
202	100		
101	8.6	4.6	7.0#
100	6.6	3.4	5.2#





#77

Pvrene

Concen: 81.944 ng/ul

RT: 19.39 min Scan# 2788

Delta R.T. 0.01 min

Lab File: BM014427.D

Acq: 01 Mar 2018 06:56

Instrument :

BNA_M

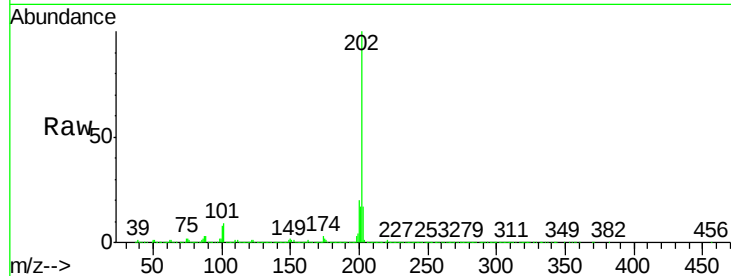
ClientSampled :

BE5W0

Tot Ion:	202	Resp:	5121005
Ion Ratio	Lower	Upper	
202	100		
101	9.2	5.1	7.7#
100	7.6	4.9	7.3#

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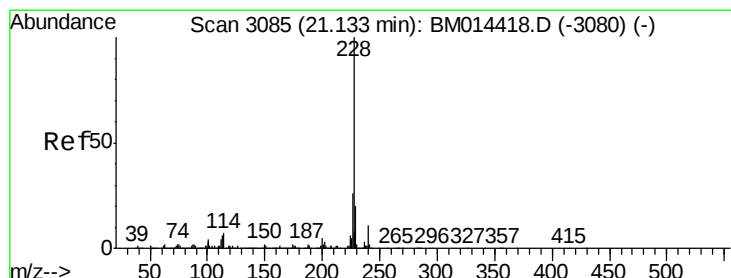
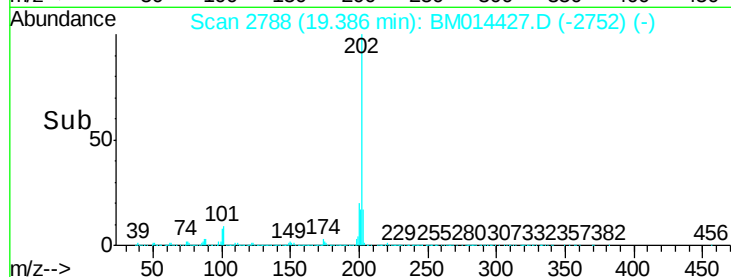
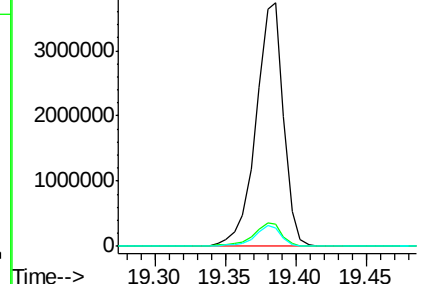
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 39.491 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM014427.D

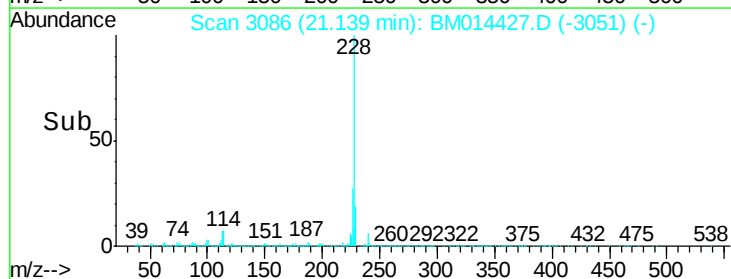
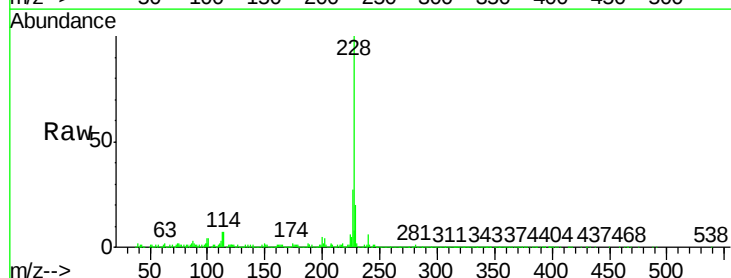
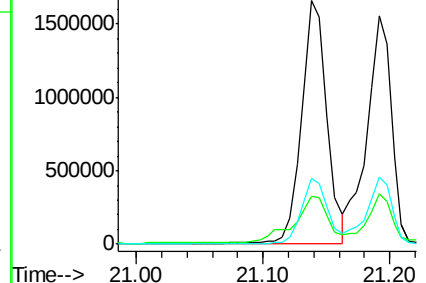
Acq: 01 Mar 2018 06:56

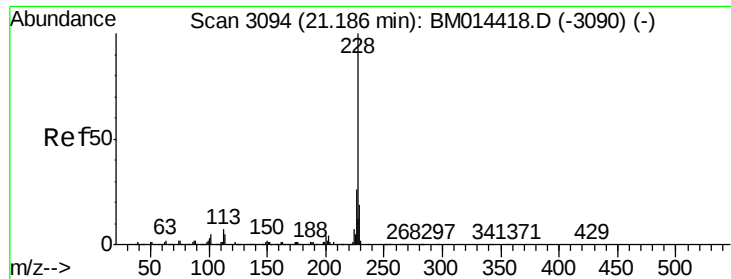
Tgt Ion:	228	Resp:	2317664
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.4	23.0
226	27.0	21.4	32.0

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: 37.441 ng/ul

RT: 21.19 min Scan# 3095

Delta R.T. 0.01 min

Lab File: BM014427.D

Acq: 01 Mar 2018 06:56

Instrument :

BNA_M

ClientSampled :

BE5W0

Tot Ion:228 Resp: 2049827

Ion Ratio Lower Upper

228 100

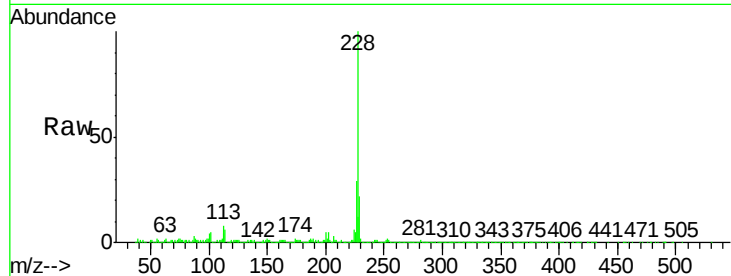
226 29.3 23.4 35.2

229 21.9 15.5 23.3

Manual Integrations
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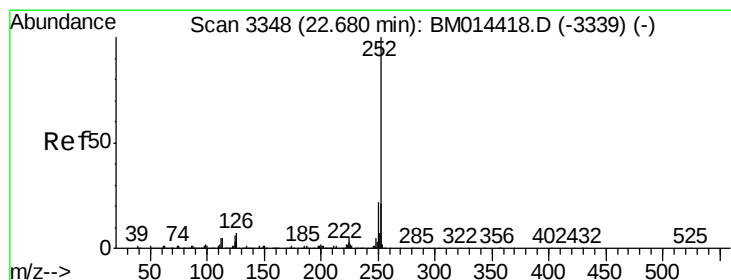
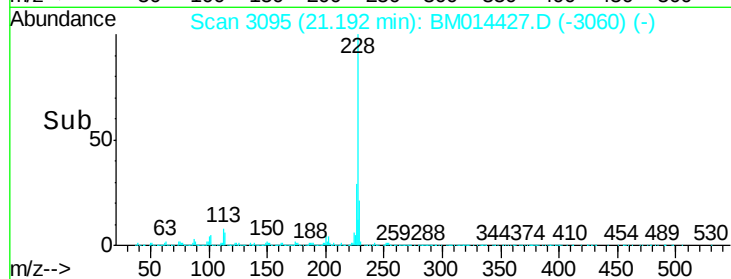
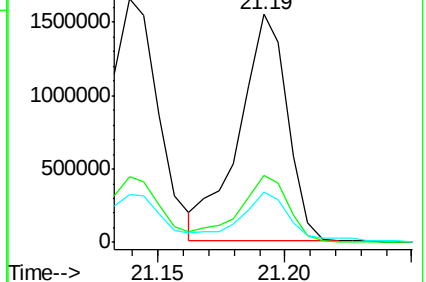
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Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 41.397 ng/ul

RT: 22.69 min Scan# 3350

Delta R.T. 0.01 min

Lab File: BM014427.D

Acq: 01 Mar 2018 06:56

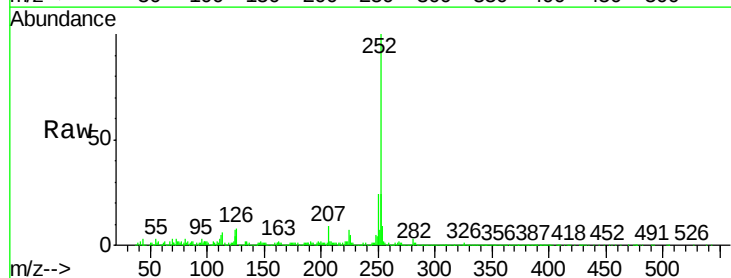
Tgt Ion:252 Resp: 1951078

Ion Ratio Lower Upper

252 100

253 23.5 17.9 26.9

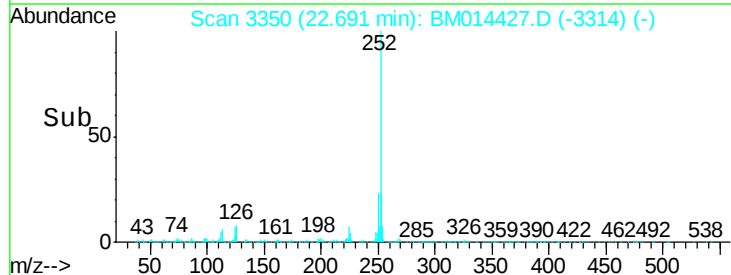
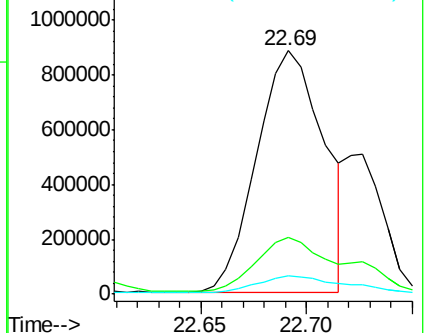
125 7.4 3.6 5.4#

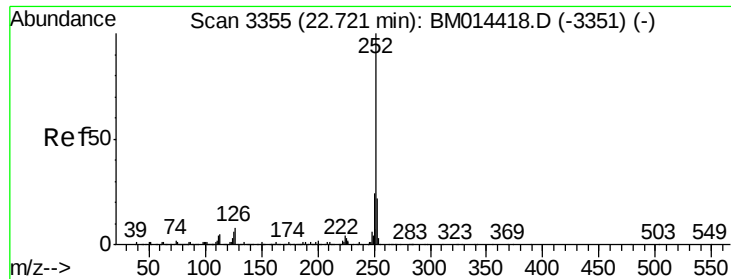


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





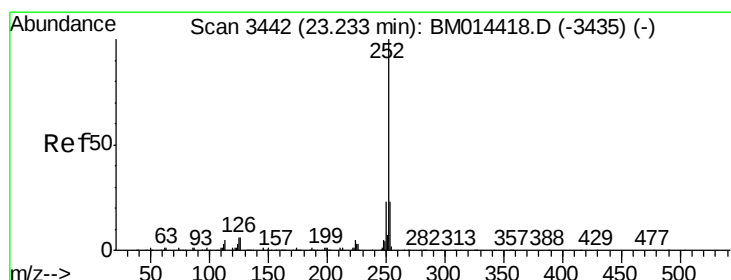
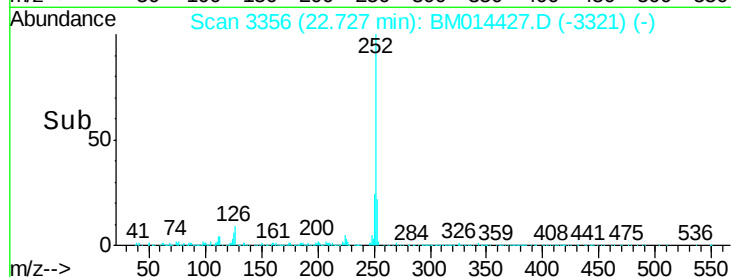
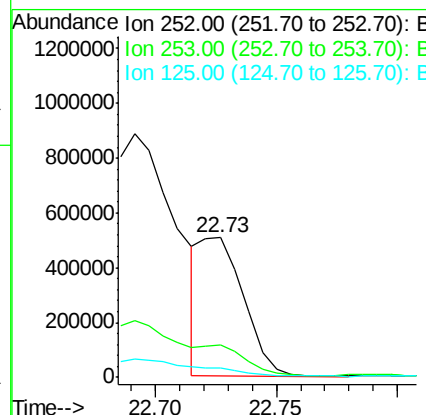
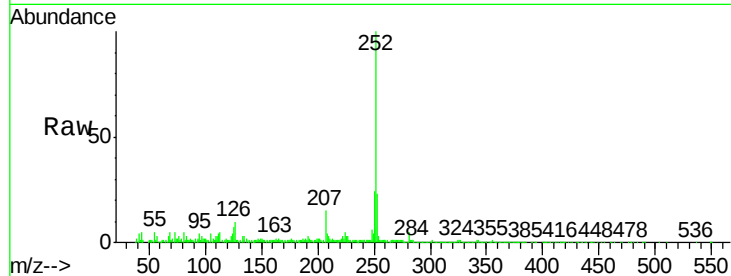
#86
Benzo(k)fluoranthene
Concen: 13.975 ng/ul m
RT: 22.73 min Scan# 3356
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.1	25.7
125	6.9	3.4	5.2

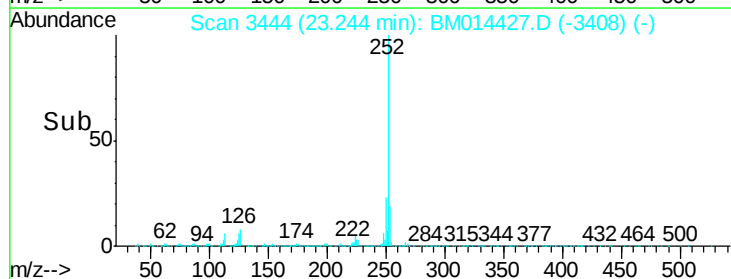
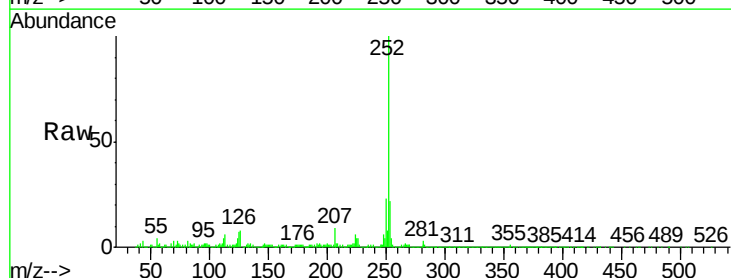
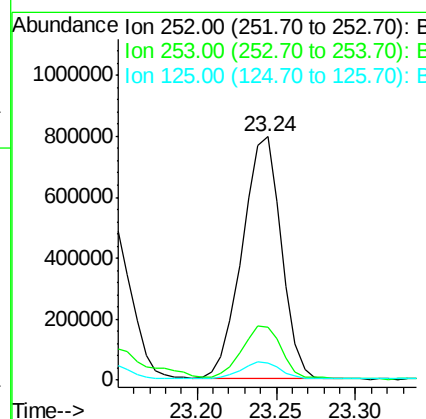
Manual Integrations
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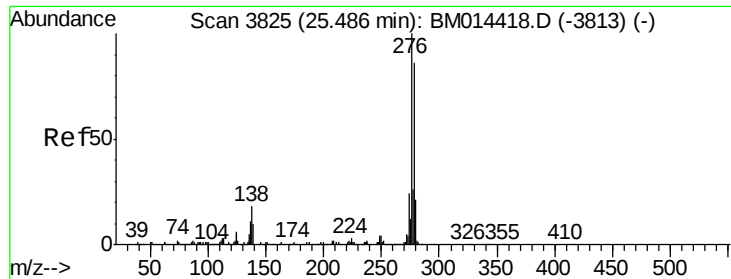
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#88
Benzo(a)pyrene
Concen: 32.391 ng/ul
RT: 23.24 min Scan# 3444
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.2	27.2
125	7.2	4.0	6.0





#89

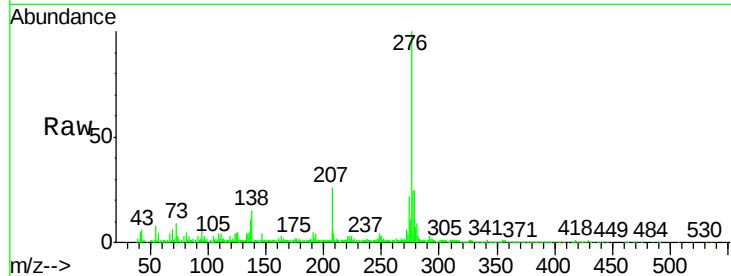
Indeno(1,2,3-cd)pyrene
Concen: 18.441 ng/ul
RT: 25.50 min Scan# 3828
Delta R.T. 0.02 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Instrument :
BNA_M
ClientSampleId :
BE5W0

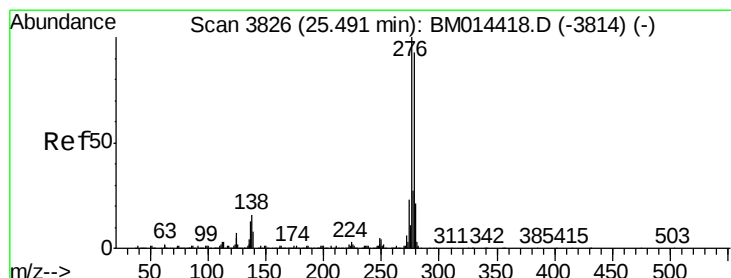
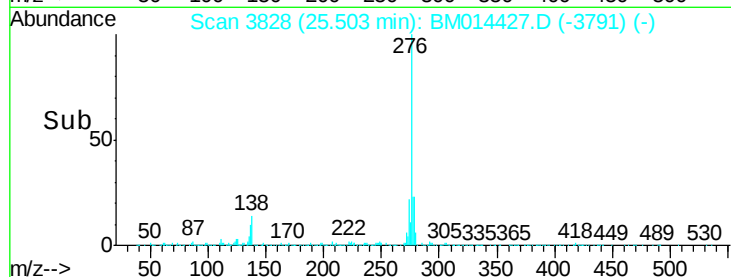
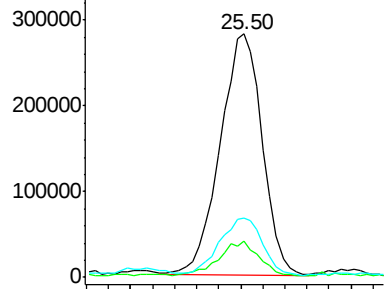
Tot Ion	Ratio	Lower	Upper
276	100		
138	14.6	9.3	13.9#
277	24.1	19.9	29.9

Manual Integrations
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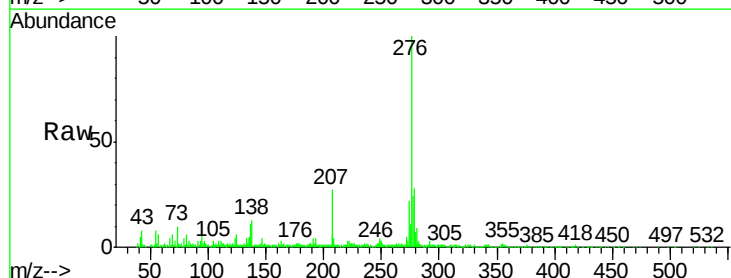
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



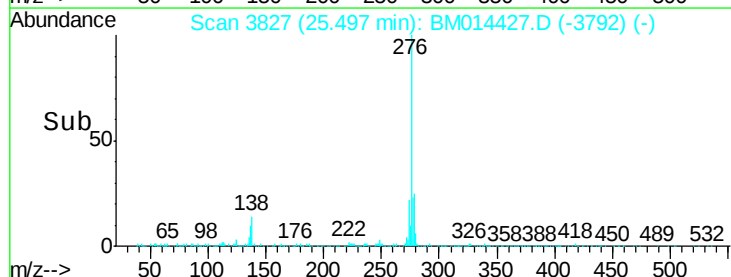
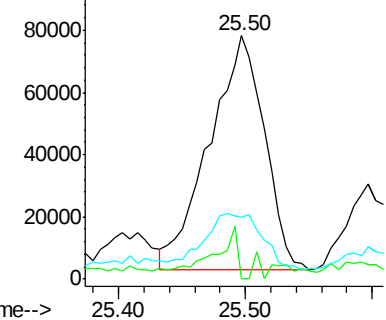
#90

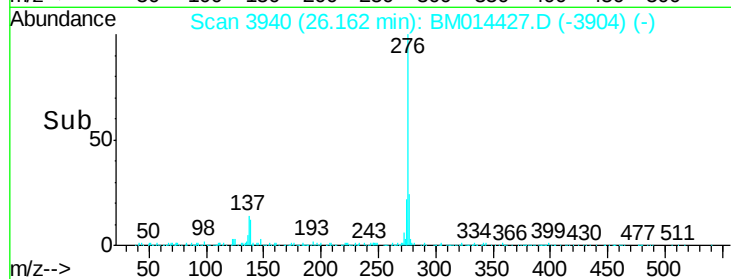
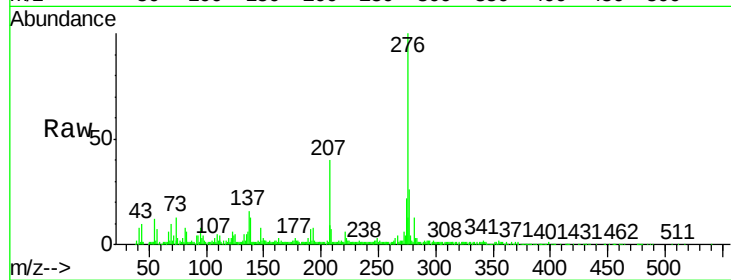
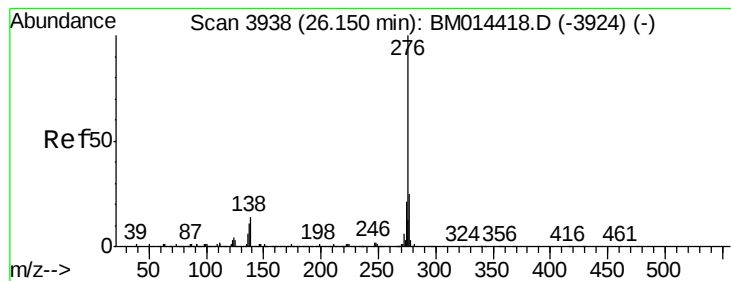
Dibenzo(a,h)anthracene
Concen: 6.691 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.01 min
Lab File: BM014427.D
Acq: 01 Mar 2018 06:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	5.8	8.8#
279	25.3	18.6	27.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 17.199 ng/ul

RT: 26.16 min Scan# 3940

Delta R.T. 0.01 min

Lab File: BM014427.D

Acq: 01 Mar 2018 06:56

Instrument :

BNA_M

ClientSampleId :

BE5W0

Tot Ion:	276	Resp:	569417
Ion Ratio	Lower	Upper	
276	100		
138	13.2	8.5	12.7#
277	25.5	18.6	28.0

Manual Integrations
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