

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA_M\DATA\BM022618\
 Data File : BM014358.D
 Acq On : 26 Feb 2018 16:11
 Operator : SJ/JU
 Sample : J1646-03
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5W9

Manual Integrations
 APPROVED

Sohil
 2/27/2018 4:57:50 PM

Quant Time: Feb 27 03:06:10 2018
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Feb 27 01:33:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	118317	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	531481	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	321070	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	739546	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	705500	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	537993	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.10	96	19259m	6.97	ng/uL	0.00
5) Phenol-d5	6.72	99	405378	40.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.87	67	244160	40.33	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	334267	43.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	340022	38.86	ng/ul	0.00
19) Nitrobenzene-d5	8.68	128	179461	45.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	196201	48.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	341960	40.61	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	374136	45.10	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	1221368	46.06	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	1539596	47.09	ng/ul	0.00
51) 4-Nitrophenol-d4	14.43	143	126150	34.46	ng/ul	0.00
57) Fluorene-d10	15.18	176	1040731	43.81	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.33	200	154665	34.86	ng/ul	0.00
70) Anthracene-d10	17.04	188	1596695	44.75	ng/ul	0.00
76) Pyrene-d10	19.34	212	1775583	48.80	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	1201083m	45.87	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	6.75	94	44200	4.212	ng/ul	92
44) Dimethylphthalate	13.65	163	446187	17.065	ng/ul	97
49) Acenaphthene	14.25	153	43456	1.997	ng/ul	95
53) Dibenzofuran	14.59	168	45040	1.380	ng/ul	100
58) Fluorene	15.24	166	44265	1.571	ng/ul	99
69) Phenanthrene	16.98	178	1134941	26.636	ng/ul	99
71) Anthracene	17.07	178	172751	4.031	ng/ul	96
72) Carbazole	17.36	167	82986	2.303	ng/ul#	91
74) Fluoranthene	19.01	202	1644716	32.308	ng/ul#	92
77) Pyrene	19.37	202	1481845	31.606	ng/ul#	92
80) Benzo(a)anthracene	21.13	228	604192	13.722	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.07	149	250298	9.015	ng/ul#	93
82) Chrysene	21.19	228	581236	14.151	ng/ul	98
85) Benzo(b)fluoranthene	22.67	252	583765	16.205	ng/ul#	95
86) Benzo(k)fluoranthene	22.72	252	182452m	5.327	ng/ul	
88) Benzo(a)pyrene	23.23	252	392090	12.180	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.47	276	218182	6.985	ng/ul	93
90) Dibenzo(a,h)anthracene	25.47	278	55017	2.120	ng/ul#	95
91) Benzo(g,h,i)perylene	26.13	276	160470	6.342	ng/ul#	92

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

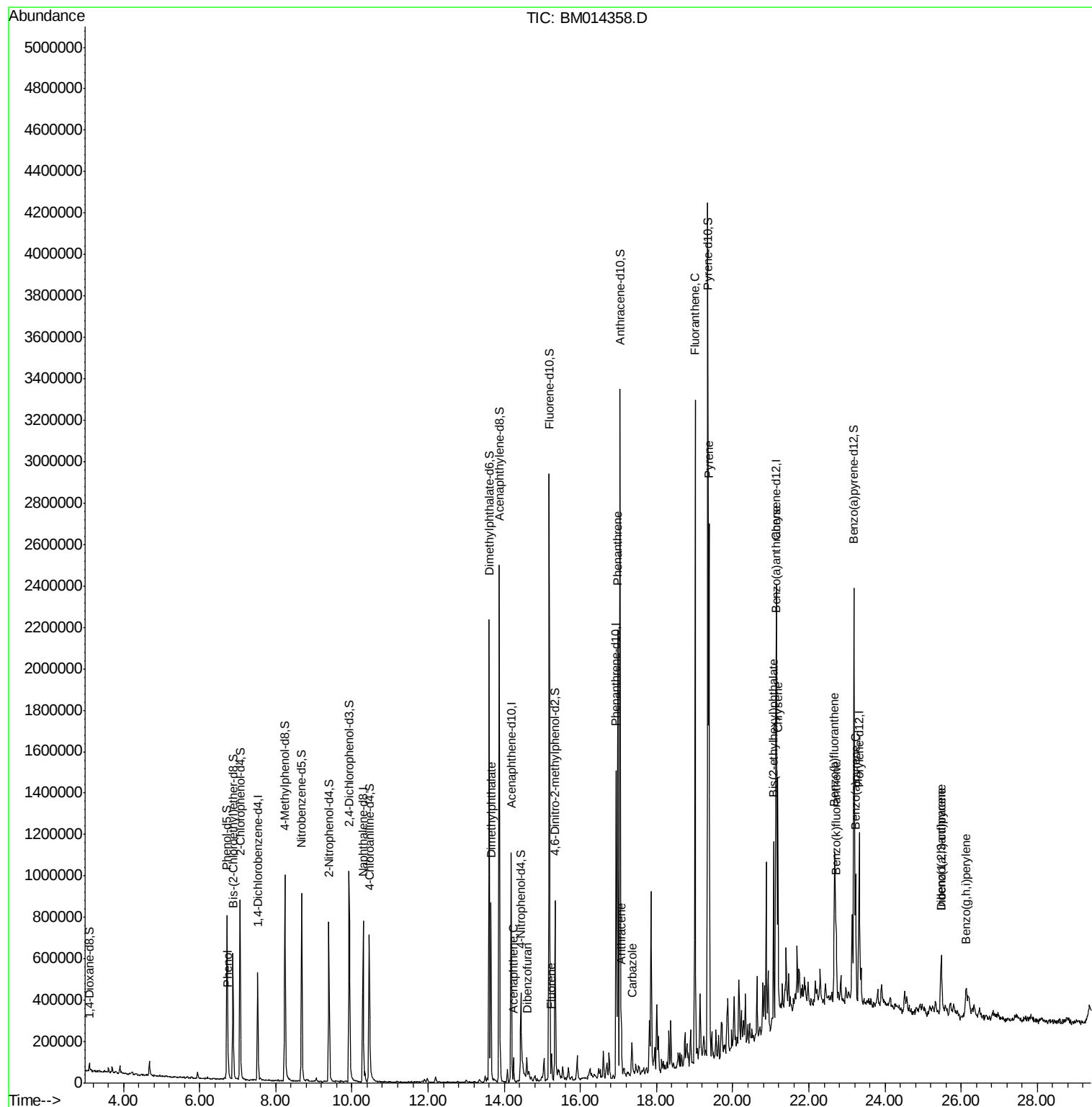
Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_M\DATA\BM022618\
Data File : BM014358.D
Acq On : 26 Feb 2018 16:11
Operator : SJ/JU
Sample : J1646-03
Misc :
ALS Vial : 10 Sample Multiplier: 1

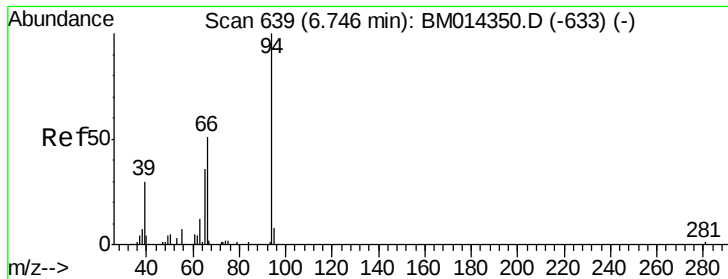
Instrument :
BNA_M
ClientSampleId :
BE5W9

Manual Integrations
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2/27/2018 4:57:50 PM

Quant Time: Feb 27 03:06:10 2018
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Feb 27 01:33:52 2018
Response via : Initial Calibration





#6

Phenol

Concen: 4.212 ng/ul

RT: 6.75 min Scan# 639

Delta R.T. -0.00 min

Lab File: BM014358.D

Acq: 26 Feb 2018 16:11

Instrument :

BNA_M

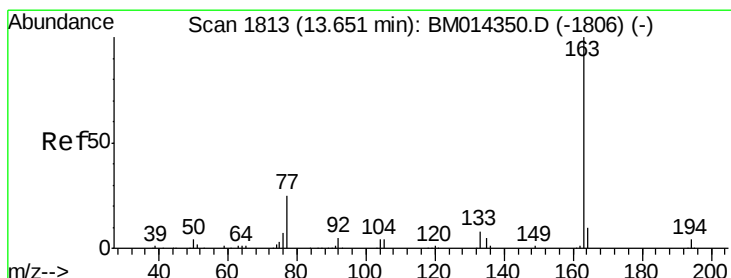
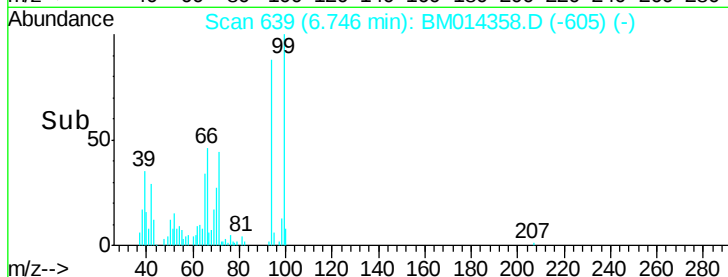
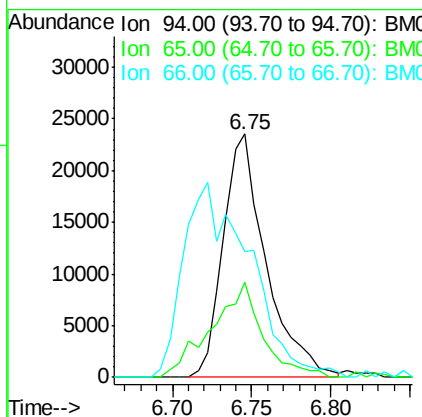
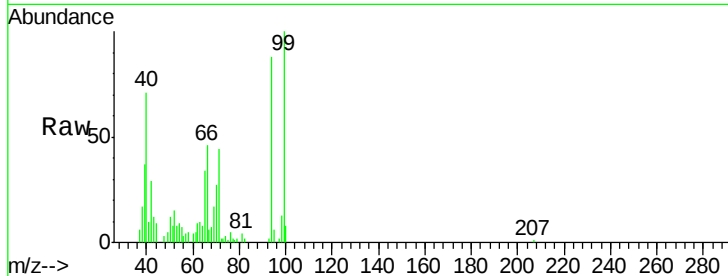
ClientSampleId :

BE5W9

Tgt Ion:	94	Resp:	44200
Ion Ratio	Lower	Upper	
94	100		
65	38.9	28.2	42.4
66	51.9	47.2	70.8

Manual Integrations
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#44

Dimethylphthalate

Concen: 17.065 ng/ul

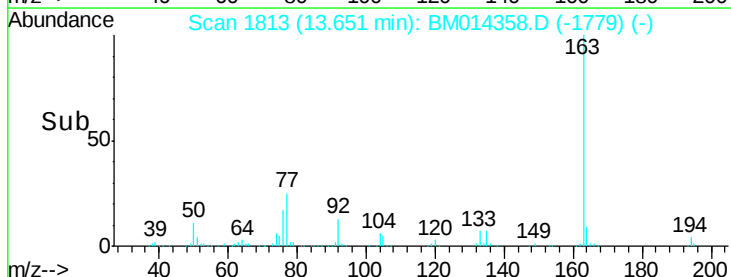
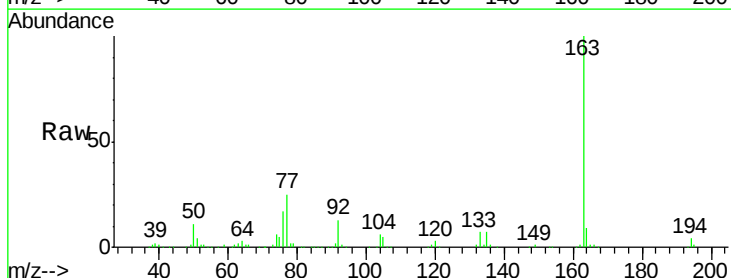
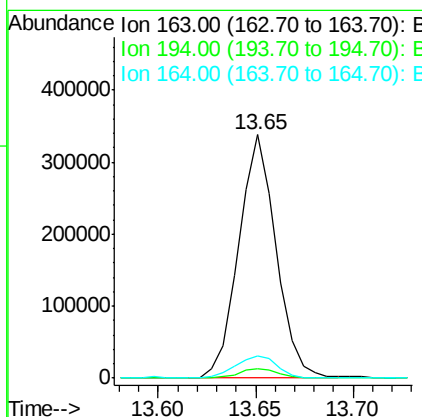
RT: 13.65 min Scan# 1813

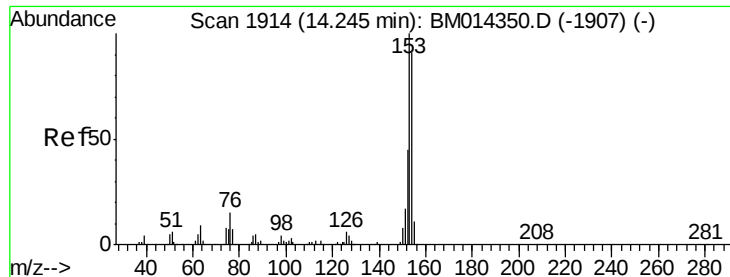
Delta R.T. -0.00 min

Lab File: BM014358.D

Acq: 26 Feb 2018 16:11

Tgt Ion:	163	Resp:	446187
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	9.0	8.2	12.4





#49

Acenaphthene

Concen: 1.997 ng/ul

RT: 14.25 min Scan# 1914

Delta R.T. -0.00 min

Lab File: BM014358.D

Acq: 26 Feb 2018 16:11

Instrument :

BNA_M

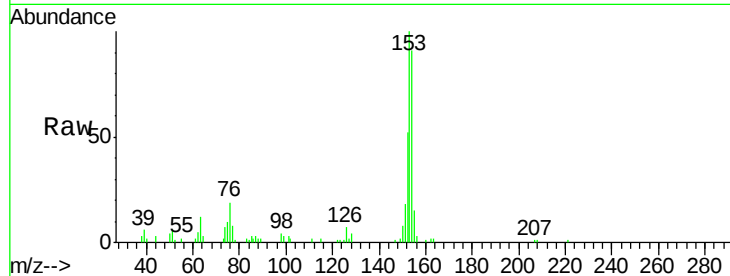
ClientSampleId :

BE5W9

Tgt Ion:	153	Resp:	43456
Ion Ratio	Lower	Upper	
153	100		
152	51.5	37.6	56.4
154	91.4	70.4	105.6

Manual Integrations
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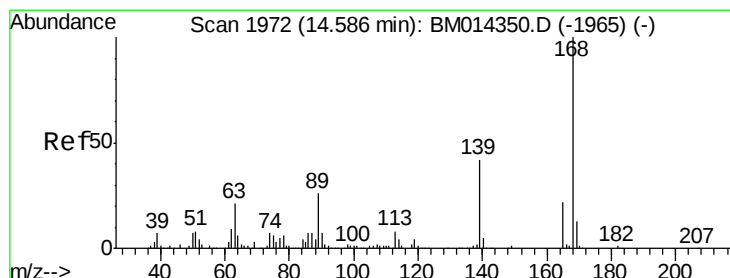
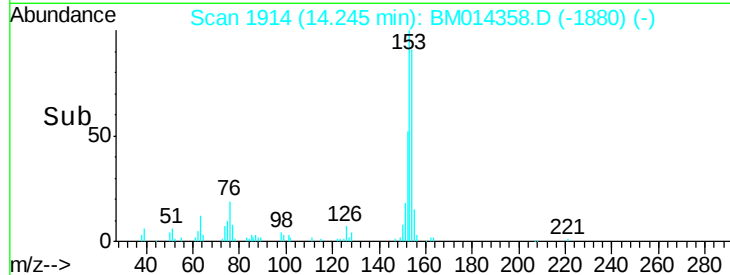
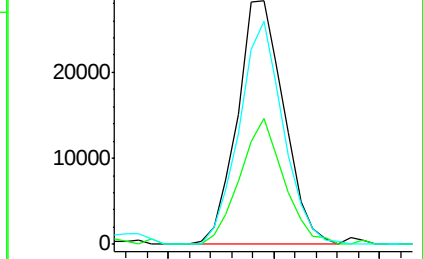
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#53

Dibenzofuran

Concen: 1.380 ng/ul

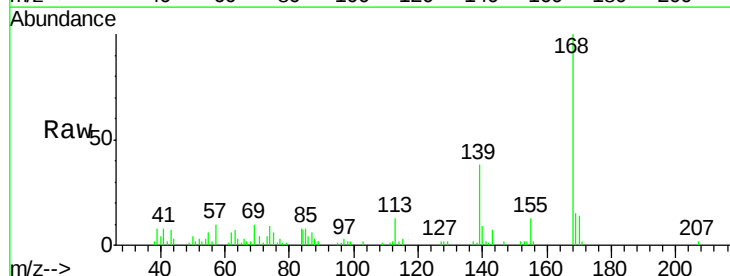
RT: 14.59 min Scan# 1973

Delta R.T. 0.01 min

Lab File: BM014358.D

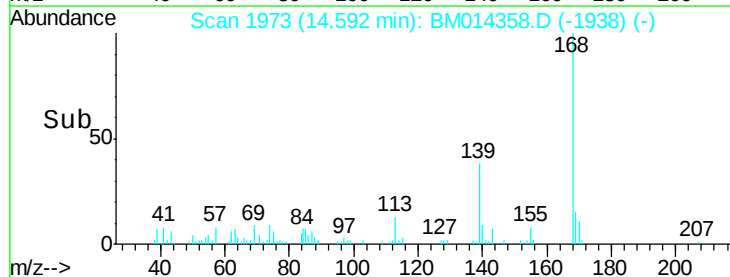
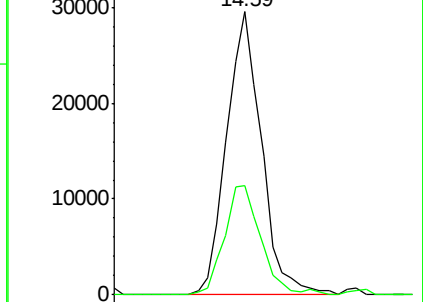
Acq: 26 Feb 2018 16:11

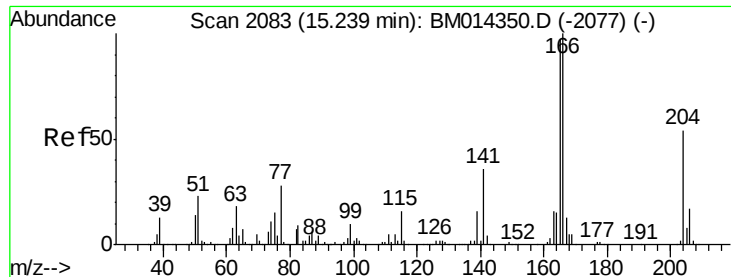
Tgt Ion:	168	Resp:	45040
Ion Ratio	Lower	Upper	
168	100		
139	38.4	30.8	46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





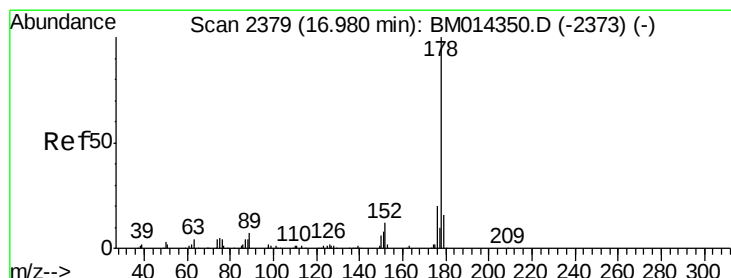
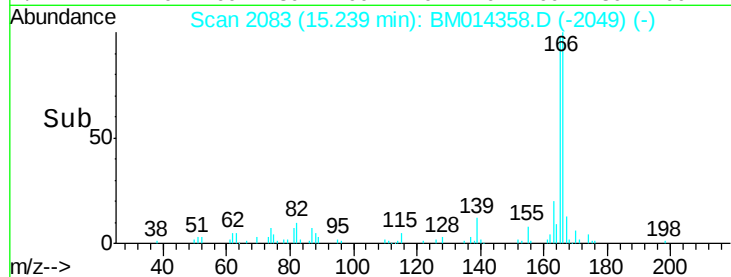
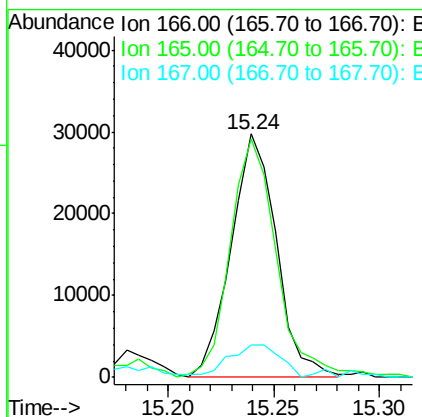
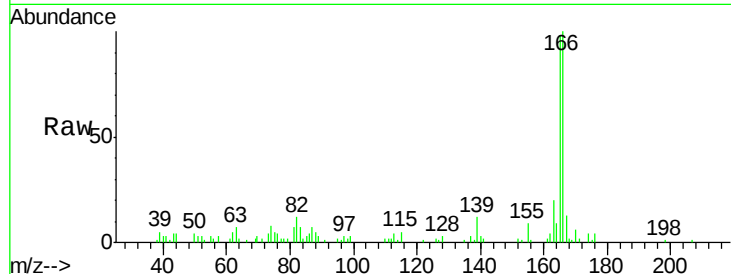
#58
 Fluorene
 Concen: 1.571 ng/ul
 RT: 15.24 min Scan# 2083
 Delta R.T. -0.00 min
 Lab File: BM014358.D
 Acq: 26 Feb 2018 16:11

Instrument :
 BNA_M
 ClientSampled :
 BE5W9

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.2	77.9	116.9
167	13.4	10.6	16.0

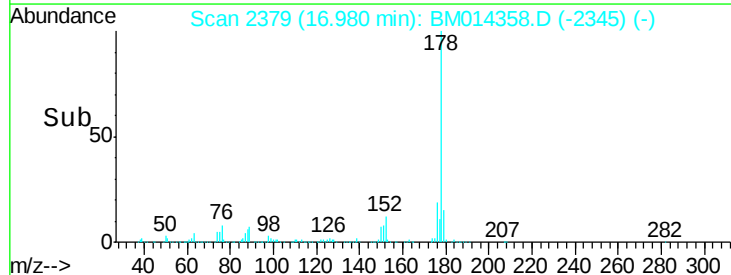
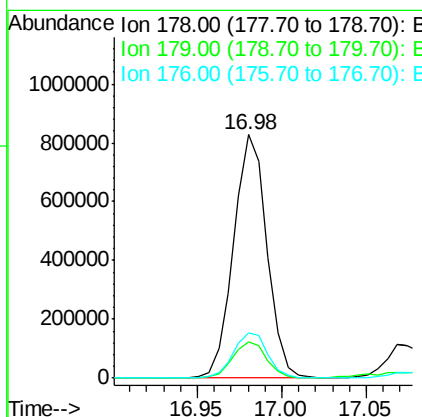
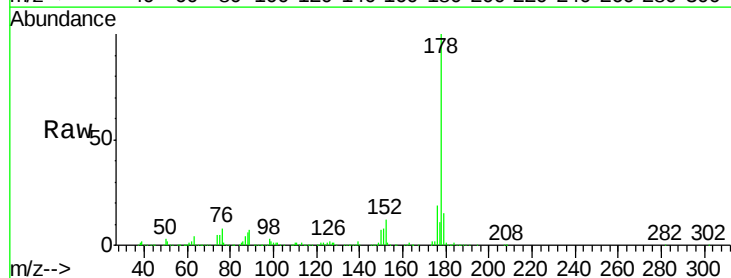
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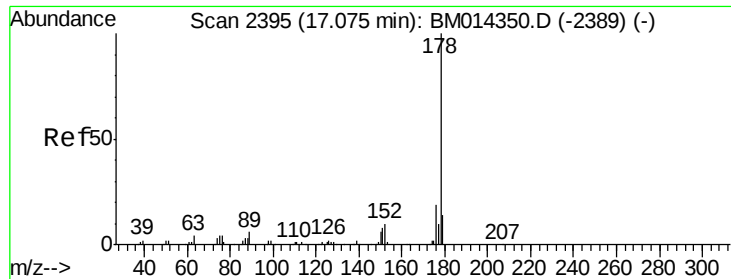
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#69
 Phenanthrene
 Concen: 26.636 ng/ul
 RT: 16.98 min Scan# 2379
 Delta R.T. -0.00 min
 Lab File: BM014358.D
 Acq: 26 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.6	19.0
176	18.6	14.9	22.3





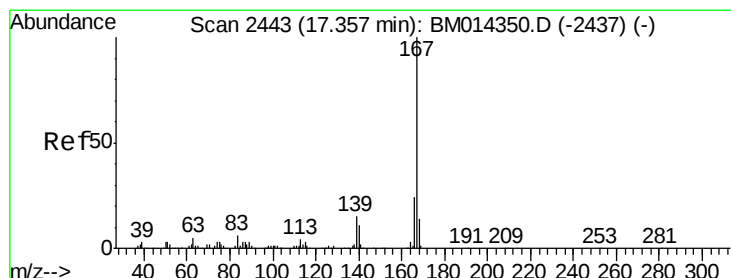
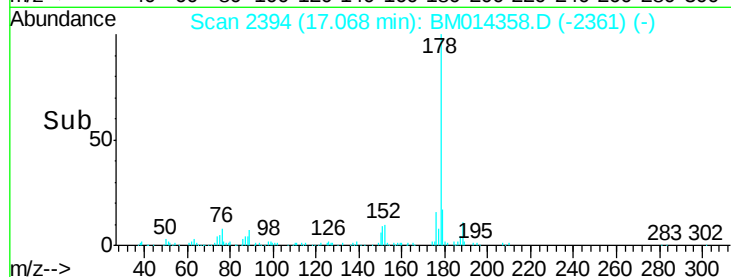
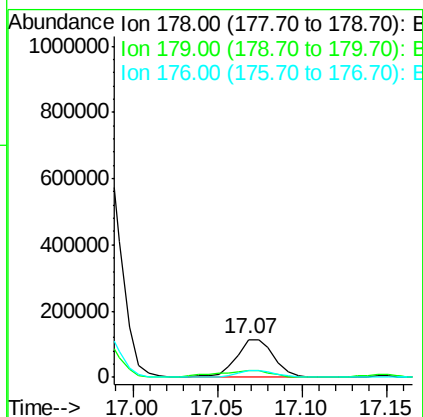
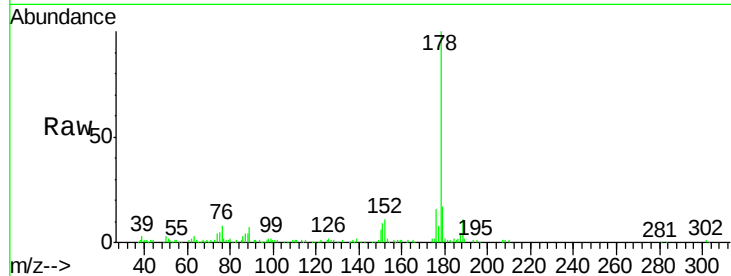
#71
 Anthracene
 Concen: 4.031 ng/ul
 RT: 17.07 min Scan# 2394
 Delta R.T. -0.01 min
 Lab File: BM014358.D
 Acq: 26 Feb 2018 16:11

Instrument :
 BNA_M
 ClientSampleId :
 BE5W9

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.7	11.7	17.5
176	16.5	14.6	21.8

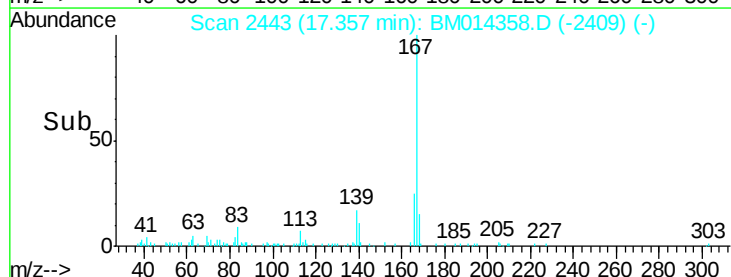
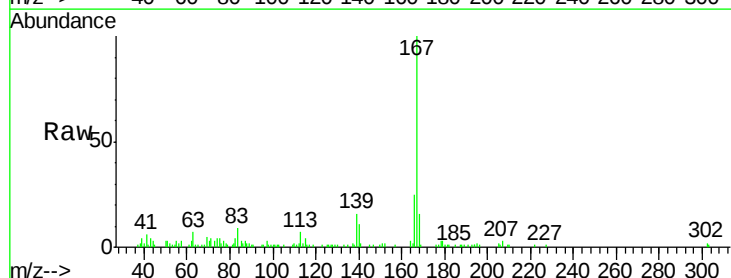
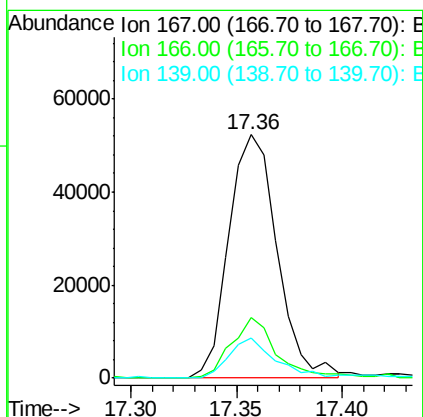
Manual Integrations
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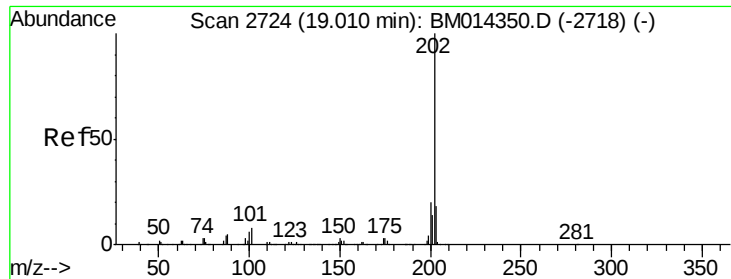
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#72
 Carbazole
 Concen: 2.303 ng/ul
 RT: 17.36 min Scan# 2443
 Delta R.T. -0.00 min
 Lab File: BM014358.D
 Acq: 26 Feb 2018 16:11

Tgt Ion	Ratio	Lower	Upper
167	100		
166	25.0	17.1	25.7
139	16.5	10.0	15.0#





#74

Fluoranthene

Concen: 32.308 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. -0.00 min

Lab File: BM014358.D

Acq: 26 Feb 2018 16:11

Instrument :

BNA_M

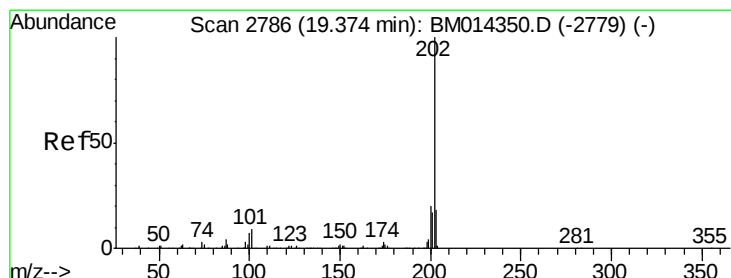
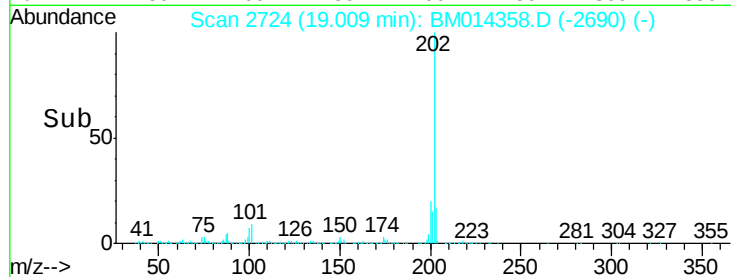
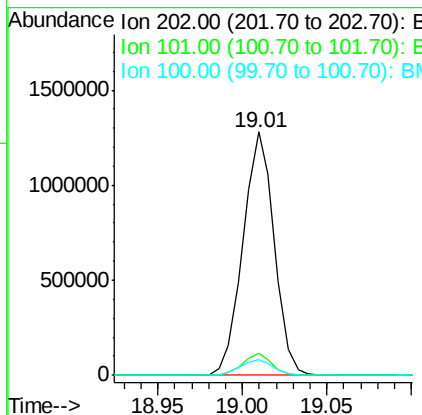
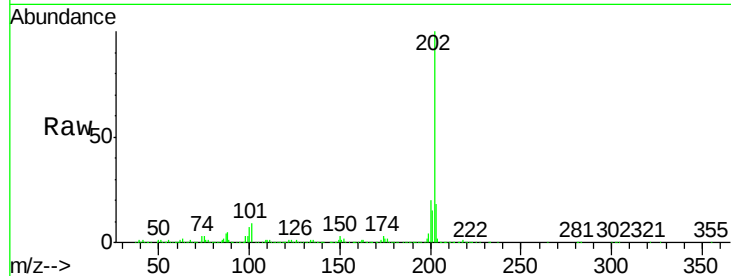
ClientSampleId :

BE5W9

Tgt Ion:	202	Resp:	1644716
Ion Ratio	Lower	Upper	
202	100		
101	8.9	4.6	7.0#
100	6.7	3.4	5.2#

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#77

Pyrene

Concen: 31.606 ng/ul

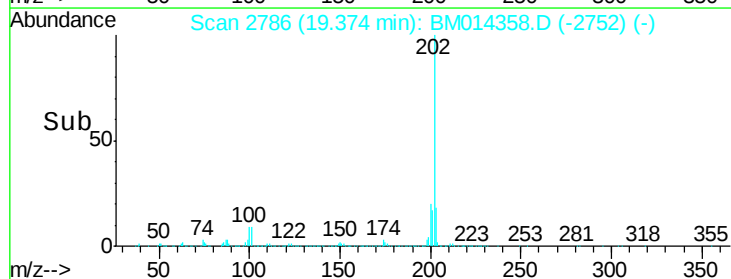
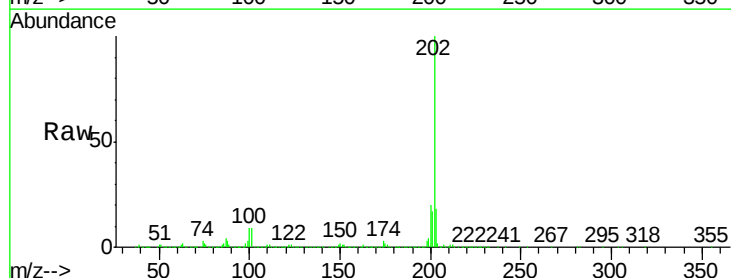
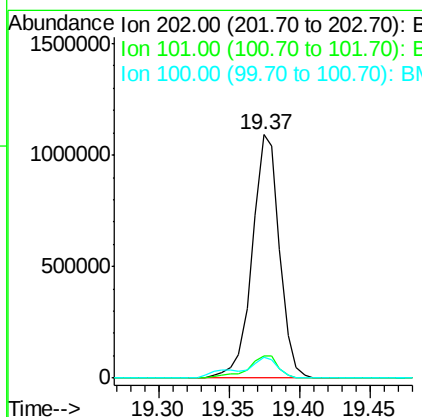
RT: 19.37 min Scan# 2786

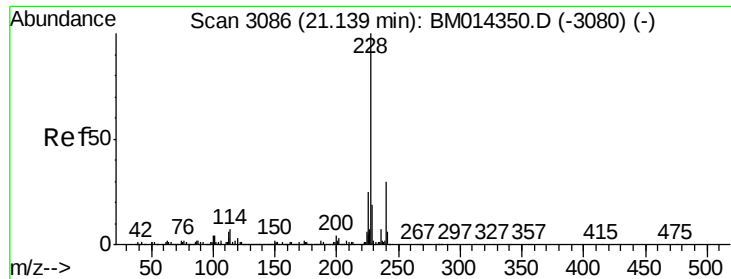
Delta R.T. -0.00 min

Lab File: BM014358.D

Acq: 26 Feb 2018 16:11

Tgt Ion:	202	Resp:	1481845
Ion Ratio	Lower	Upper	
202	100		
101	9.2	5.1	7.7#
100	8.7	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 13.722 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM014358.D

Acq: 26 Feb 2018 16:11

Instrument :

BNA_M

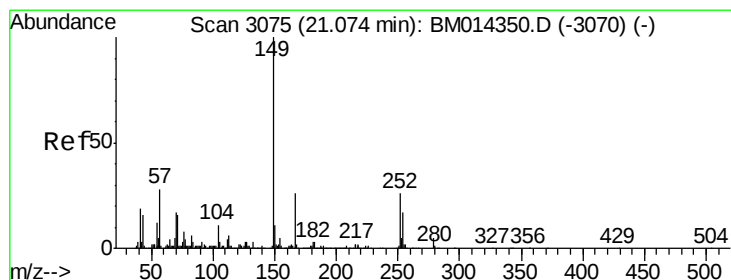
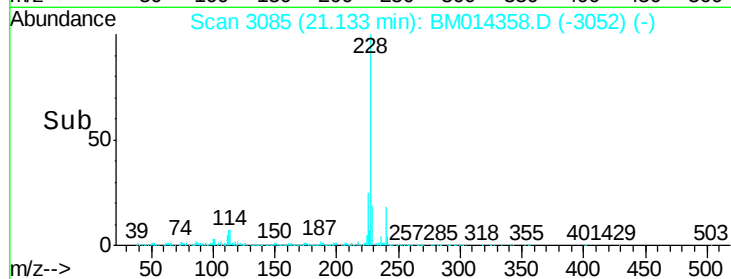
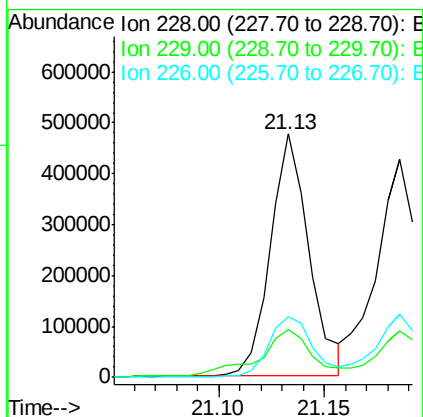
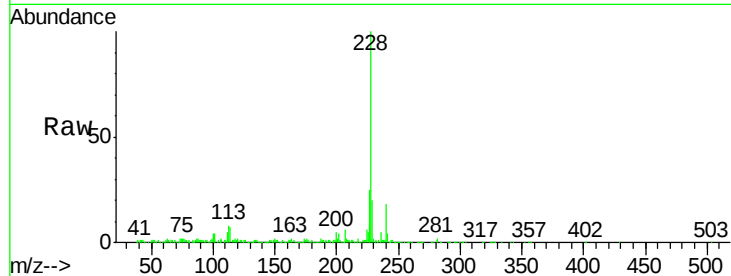
ClientSampled :

BE5W9

Tgt Ion:	228	Resp:	604192
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.4	23.0
226	25.1	21.4	32.0

Manual Integrations
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#81

Bis(2-ethylhexyl)phthalate

Concen: 9.015 ng/ul

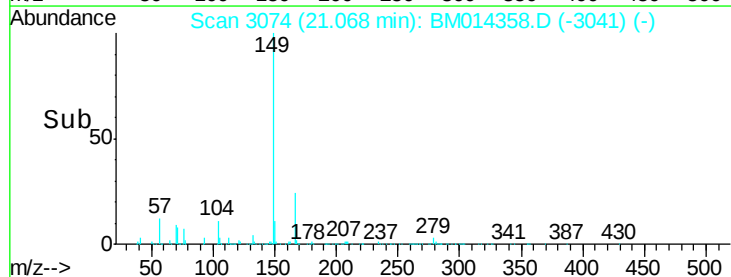
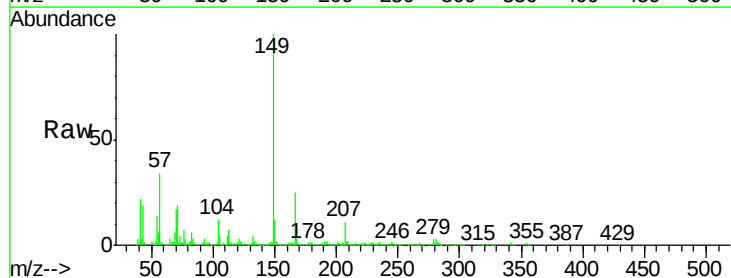
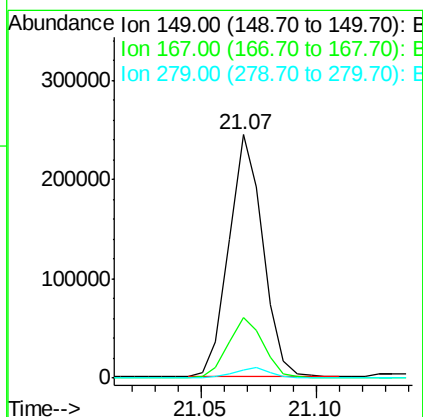
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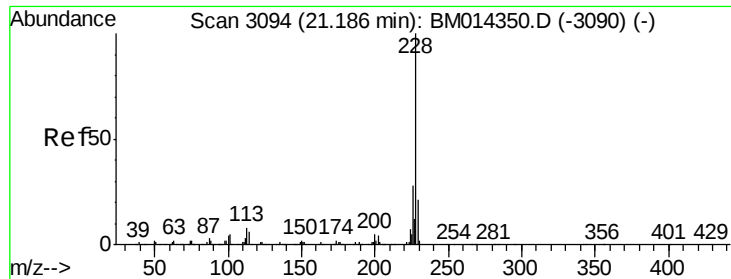
Delta R.T. -0.01 min

Lab File: BM014358.D

Acq: 26 Feb 2018 16:11

Tgt Ion:	149	Resp:	250298
Ion Ratio	Lower	Upper	
149	100		
167	24.6	22.8	34.2
279	3.5	4.9	7.3#





#82

Chrysene

Concen: 14.151 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM014358.D

Acq: 26 Feb 2018 16:11

Instrument :

BNA_M

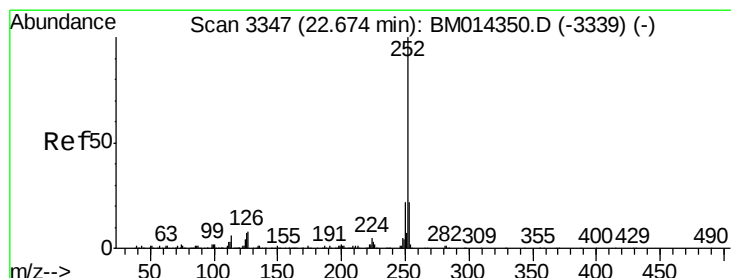
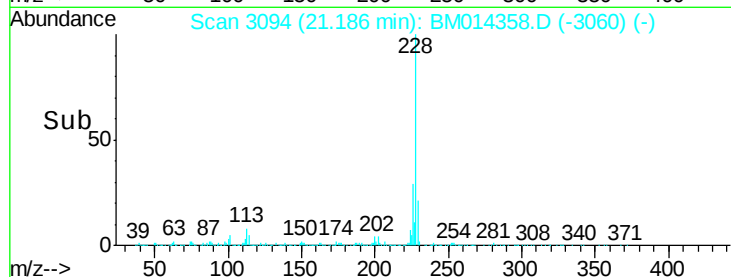
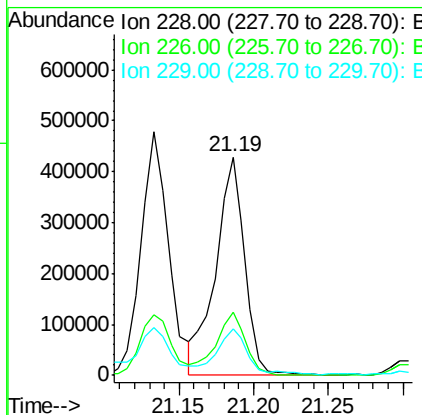
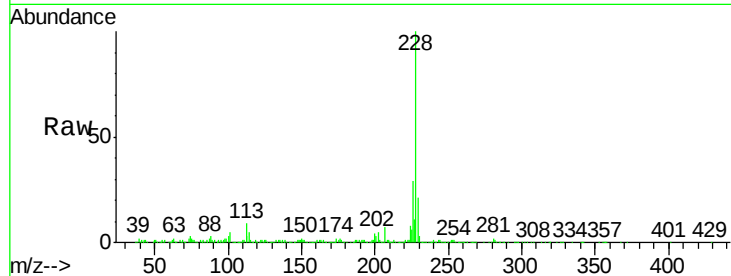
ClientSampleId :

BE5W9

Tgt Ion:	228	Resp:	581236
Ion Ratio	Lower	Upper	
228	100		
226	29.0	23.4	35.2
229	21.0	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 16.205 ng/ul

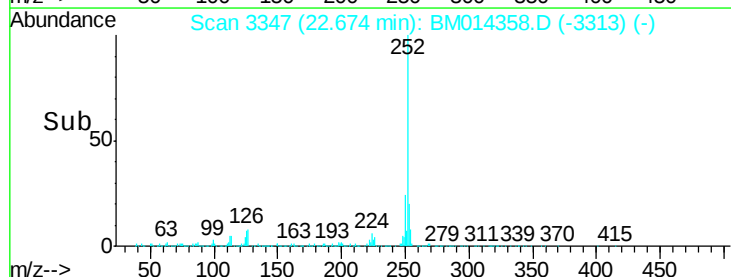
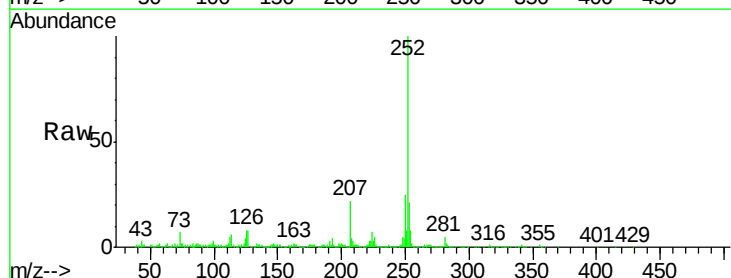
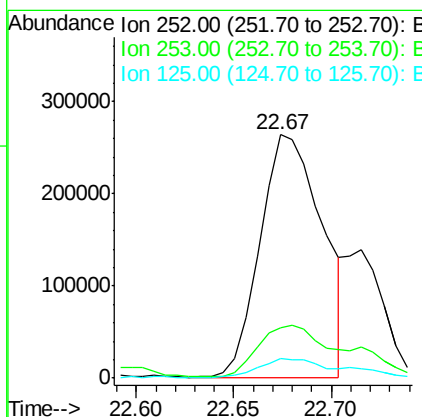
RT: 22.67 min Scan# 3347

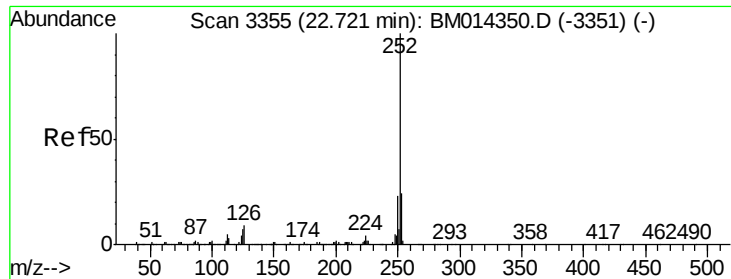
Delta R.T. -0.00 min

Lab File: BM014358.D

Acq: 26 Feb 2018 16:11

Tgt Ion:	252	Resp:	583765
Ion Ratio	Lower	Upper	
252	100		
253	20.7	17.9	26.9
125	8.1	3.6	5.4#





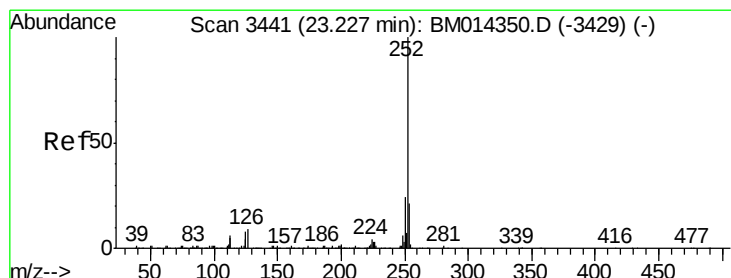
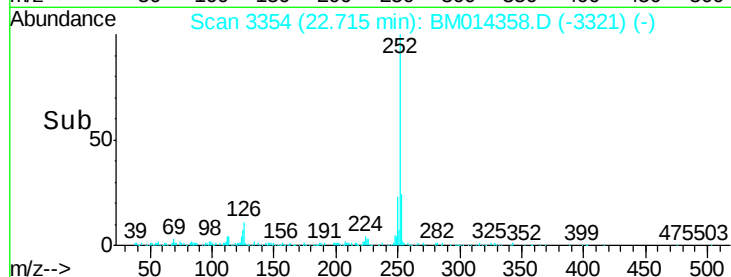
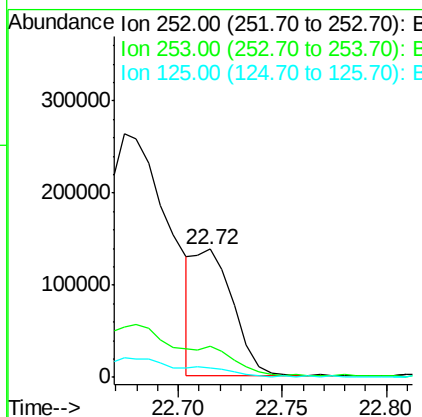
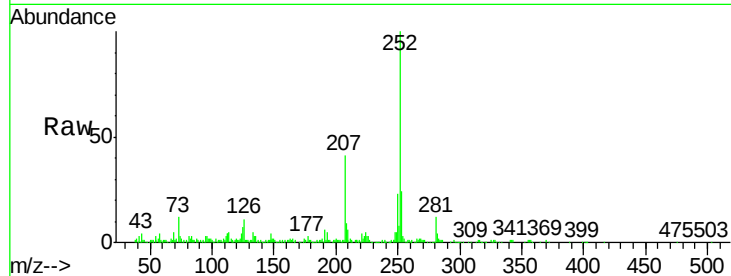
#86
Benzo(k)fluoranthene
Concen: 5.327 ng/ul m
RT: 22.72 min Scan# 3354
Delta R.T. -0.01 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Instrument :
BNA_M
ClientSampleId :
BE5W9

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.5	17.1	25.7
125	7.5	3.4	5.2

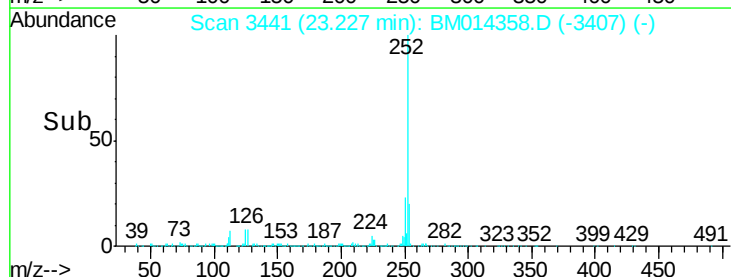
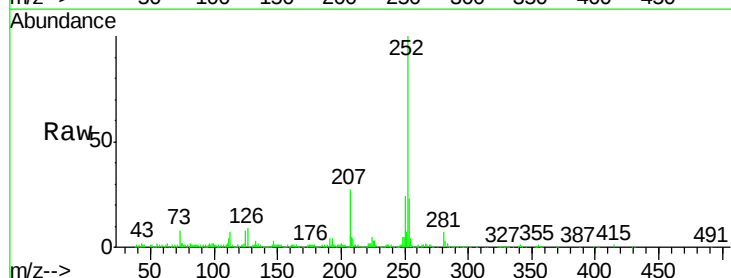
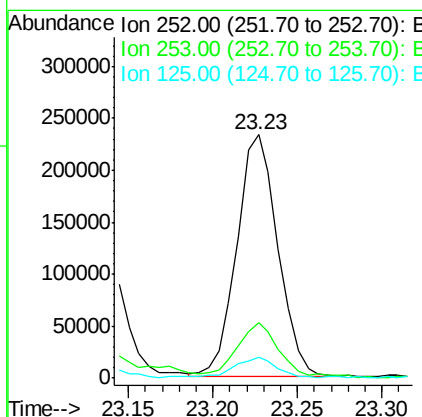
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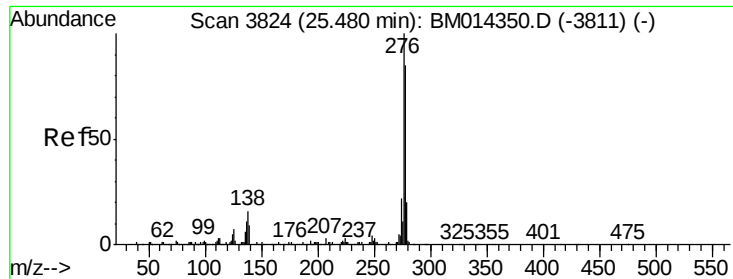
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#88
Benzo(a)pyrene
Concen: 12.180 ng/ul
RT: 23.23 min Scan# 3441
Delta R.T. -0.00 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.6	18.2	27.2
125	8.4	4.0	6.0





#89

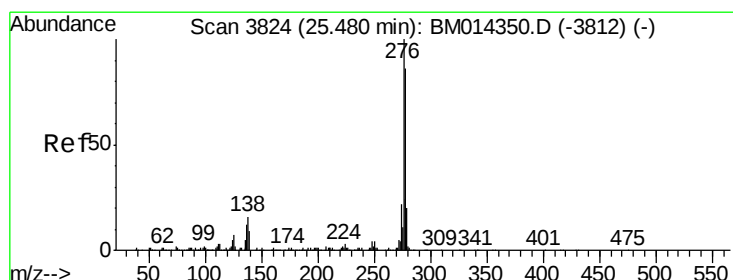
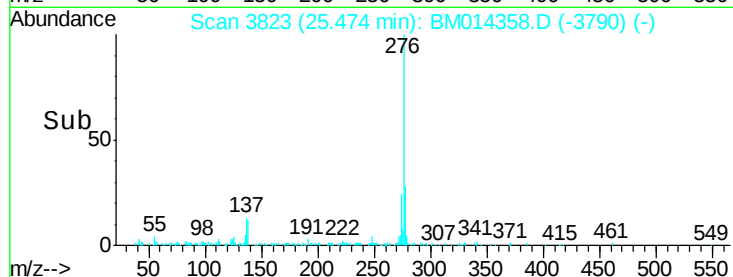
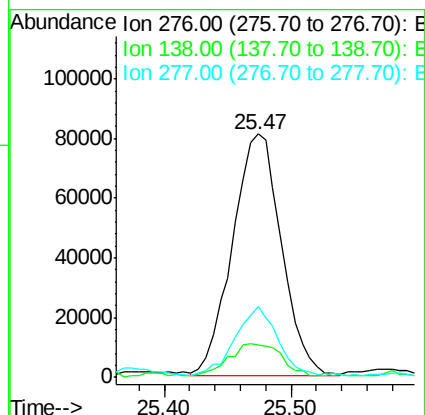
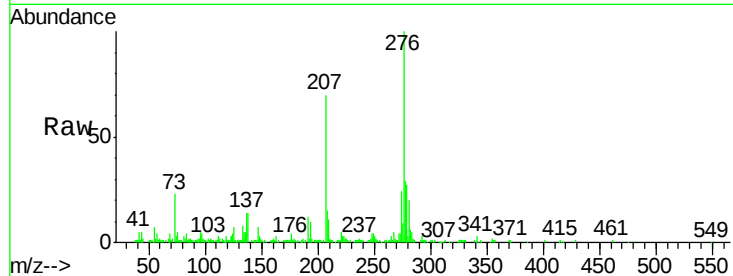
Indeno(1,2,3-cd)pyrene
Concen: 6.985 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Instrument :
BNA_M
ClientSampled :
BE5W9

Tgt Ion	Ratio	Resp Lower	Resp Upper
276	100		
138	13.5	9.3	13.9
277	28.9	19.9	29.9

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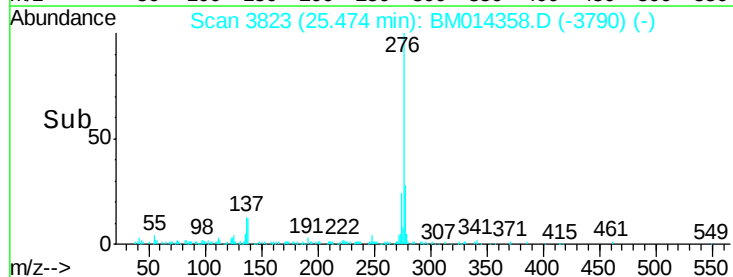
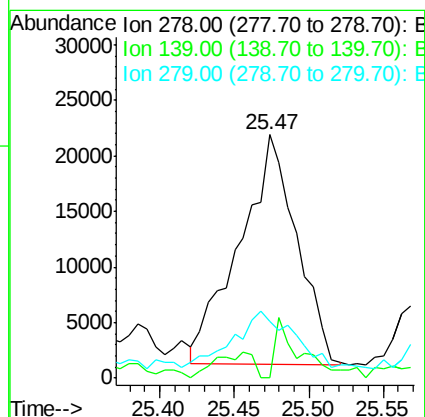
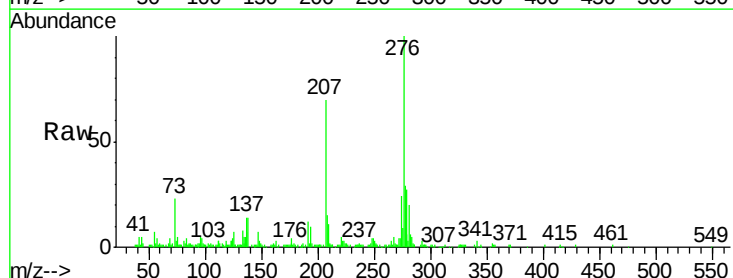
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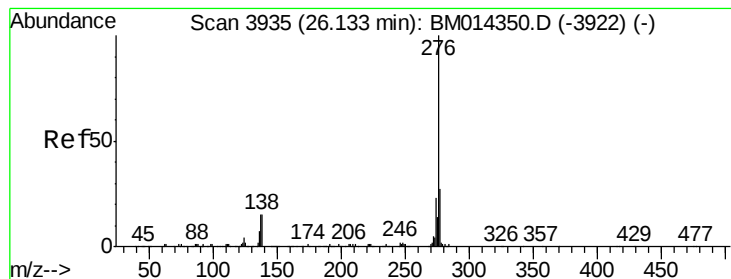


#90

Dibenzo(a,h)anthracene
Concen: 2.120 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. -0.01 min
Lab File: BM014358.D
Acq: 26 Feb 2018 16:11

Tgt Ion	Ratio	Resp Lower	Resp Upper
278	100		
139	0.0	5.8	8.8#
279	23.5	18.6	27.8





#91

Benzo(g,h,i)perylene

Concen: 6.342 ng/ul

RT: 26.13 min Scan# 3934

Delta R.T. -0.01 min

Lab File: BM014358.D

Acq: 26 Feb 2018 16:11

Instrument :

BNA_M

ClientSampleId :

BE5W9

Tgt Ion: 276 Resp: 160470

Ion Ratio Lower Upper

276 100

138 13.7 8.5 12.7#

277 19.4 18.6 28.0

Manual Integrations
APPROVED

Sohil

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