

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014434.D
 Acq On : 01 Mar 2018 11:08
 Operator : SJ/JU
 Sample : J1646-12DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 BE5X6DL

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:16:08 PM

Quant Time: Mar 01 13:40:14 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	114755	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	543205	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	334553	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	747288	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	704436	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	550586	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	2509	0.94	ng/uL	0.00
5) Phenol-d5	6.73	99	44694	4.61	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	27427	4.67	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	38005	5.11	ng/ul	0.01
13) 4-Methylphenol-d8	8.25	113	39289m	4.63	ng/ul	0.01
19) Nitrobenzene-d5	8.68	128	18829	4.69	ng/ul	0.01
22) 2-Nitrophenol-d4	9.40	143	18600	4.48	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.95	165	39152m	4.55	ng/ul	0.02
29) 4-Chloroaniline-d4	10.48	131	28792m	3.40	ng/ul	0.04
43) Dimethylphthalate-d6	13.60	166	135537	4.91	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	175177	5.14	ng/ul	0.00
51) 4-Nitrophenol-d4	14.49	143	3123	0.82	ng/ul	0.06
57) Fluorene-d10	15.18	176	116663	4.71	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.36	200	1245	0.28	ng/ul	0.02
70) Anthracene-d10	17.03	188	187887	5.21	ng/ul	0.00
76) Pyrene-d10	19.34	212	207209	5.70	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	140602	5.25	ng/ul	0.00

Target Compounds

					Ovalue	
44) Dimethylphthalate	13.65	163	34019	1.249	ng/ul#	95
47) Acenaphthylene	13.90	152	55257	1.716	ng/ul#	90
49) Acenaphthene	14.24	153	36436	1.607	ng/ul	92
53) Dibenzofuran	14.59	168	39166	1.152	ng/ul#	83
58) Fluorene	15.24	166	58276	1.986	ng/ul	96
69) Phenanthrene	16.98	178	1169621	27.165	ng/ul	98
71) Anthracene	17.07	178	270687	6.251	ng/ul	96
74) Fluoranthene	19.01	202	2064565	40.135	ng/ul#	92
77) Pyrene	19.37	202	1729350	36.940	ng/ul#	91
80) Benzo(a)anthracene	21.14	228	853302	19.409	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	695946	25.104	ng/ul#	95
82) Chrysene	21.19	228	691604	16.863	ng/ul	97
85) Benzo(b)fluoranthene	22.69	252	677482	18.377	ng/ul#	96
86) Benzo(k)fluoranthene	22.72	252	251968	7.189	ng/ul#	96
88) Benzo(a)pyrene	23.23	252	468807	14.231	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	25.49	276	254966	7.976	ng/ul	96
90) Dibenzo(a,h)anthracene	25.48	278	84652m	3.187	ng/ul	
91) Benzo(g,h,i)perylene	26.16	276	181223	6.998	ng/ul#	97

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

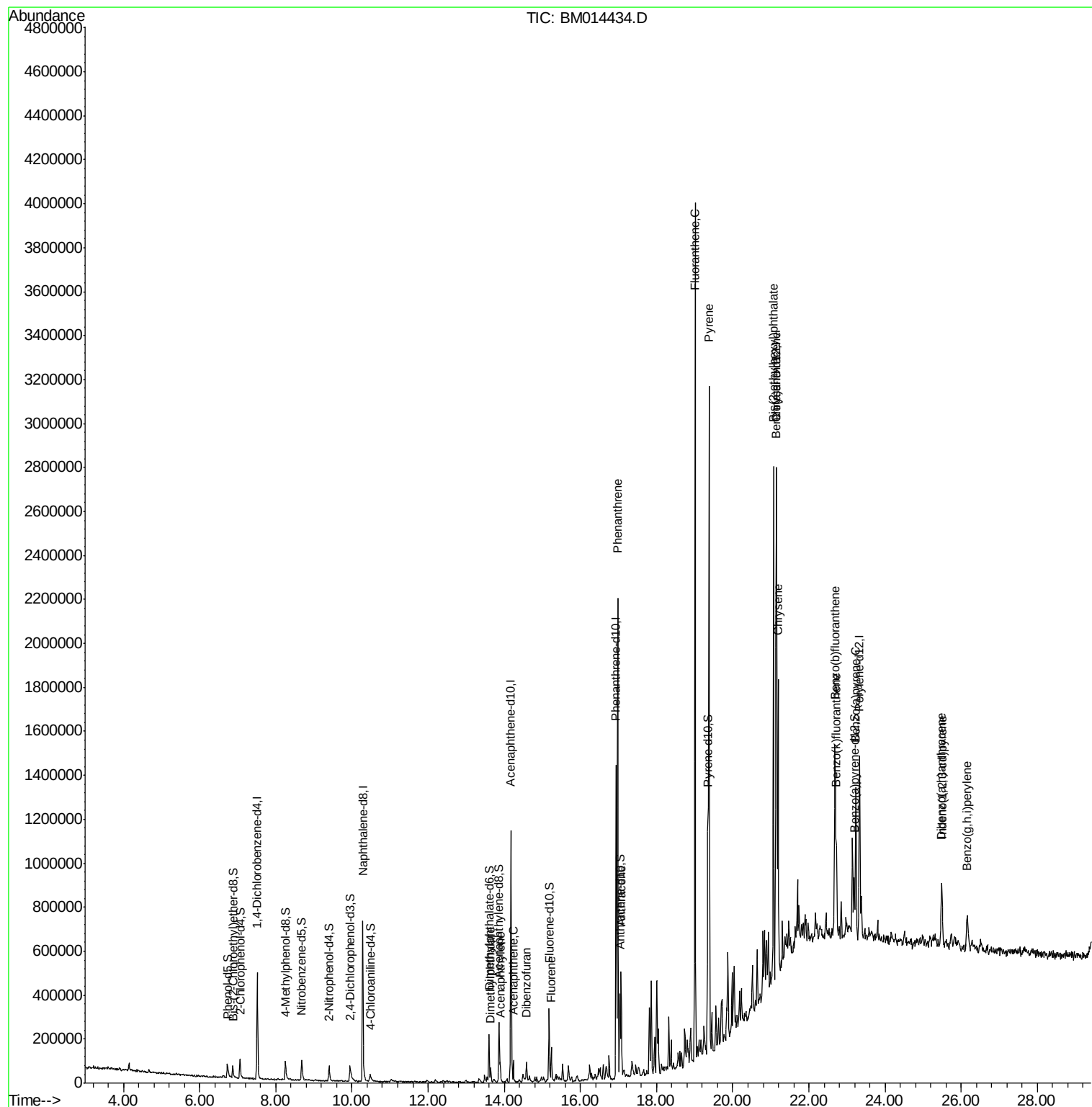
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014434.D
Acq On : 01 Mar 2018 11:08
Operator : SJ/JU
Sample : J1646-12DL 5X
Misc :
ALS Vial : 38 Sample Multiplier: 1

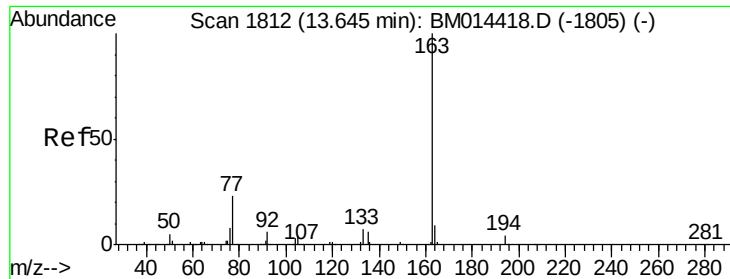
Instrument :
BNA_M
ClientSampleId :
BE5X6DL

Manual Integrations
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Quant Time: Mar 01 13:40:14 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
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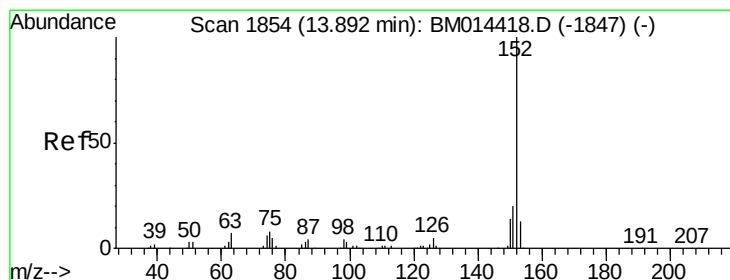
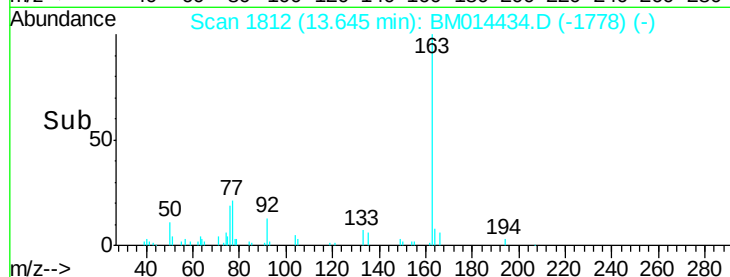
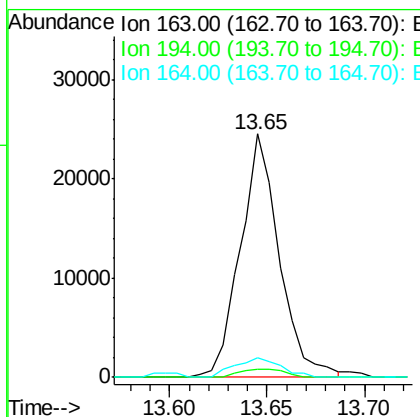
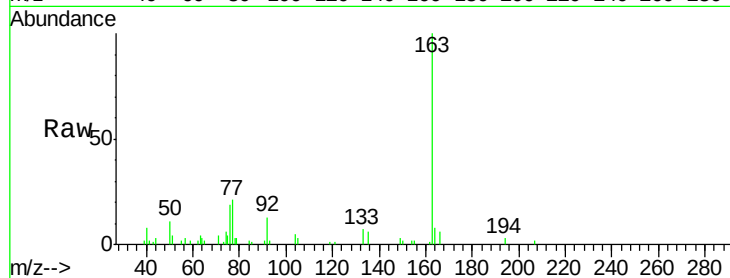
#44
Dimethylphthalate
Concen: 1.249 ng/ul
RT: 13.65 min Scan# 1812
Delta R.T. 0.00 min
Lab File: BM014434.D
Acq: 01 Mar 2018 11:08

Instrument :
BNA_M
ClientSampleId :
BE5X6DL

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.1	3.5	5.3#
164	8.1	8.2	12.4#

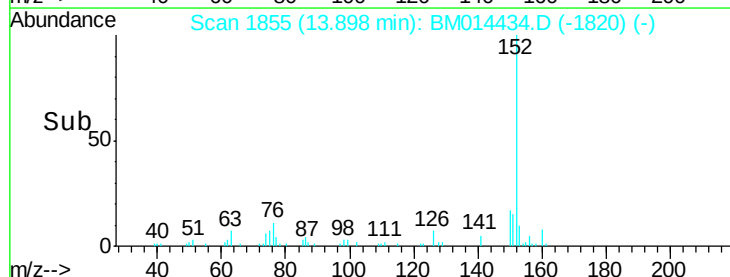
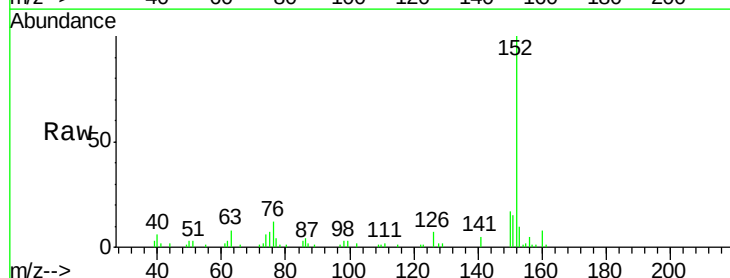
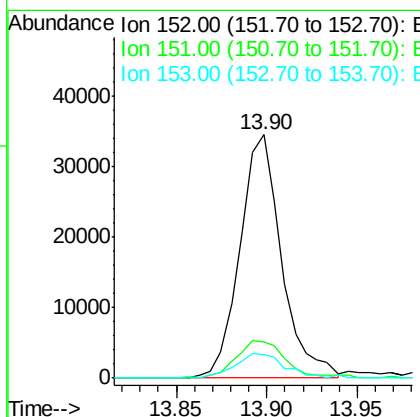
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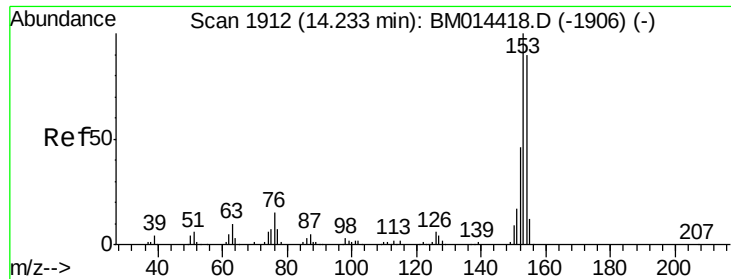
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#47
Acenaphthylene
Concen: 1.716 ng/ul
RT: 13.90 min Scan# 1855
Delta R.T. 0.01 min
Lab File: BM014434.D
Acq: 01 Mar 2018 11:08

Tgt Ion	Ratio	Lower	Upper
152	100		
151	14.9	16.3	24.5#
153	9.8	10.2	15.4#





#49

Acenaphthene

Concen: 1.607 ng/ul

RT: 14.24 min Scan# 1913

Delta R.T. 0.00 min

Lab File: BM014434.D

Acq: 01 Mar 2018 11:08

Instrument :

BNA_M

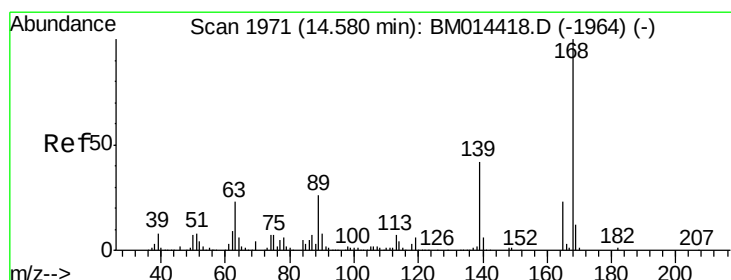
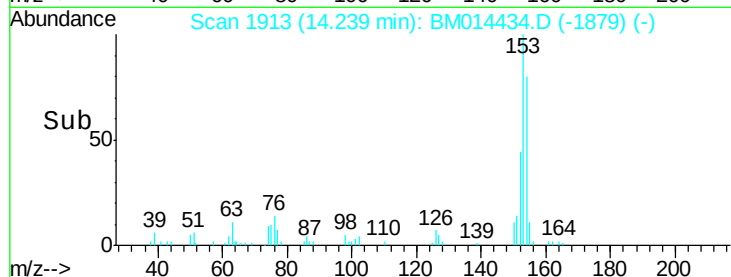
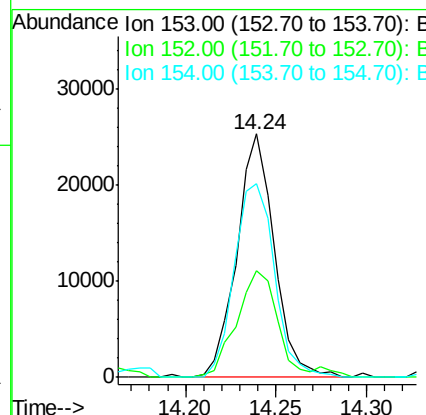
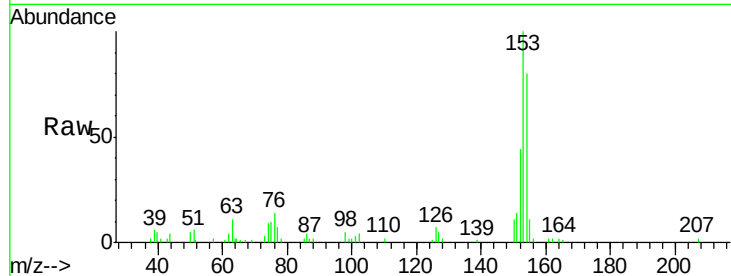
ClientSampleId :

BE5X6DL

Tot Ion:	153	Resp:	36436
Ion Ratio	Lower	Upper	
153	100		
152	43.8	37.6	56.4
154	79.6	70.4	105.6

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#53

Dibenzofuran

Concen: 1.152 ng/ul

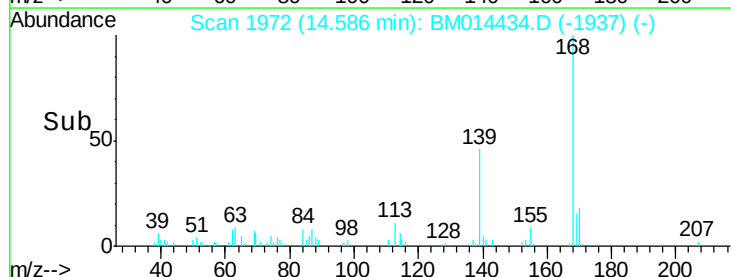
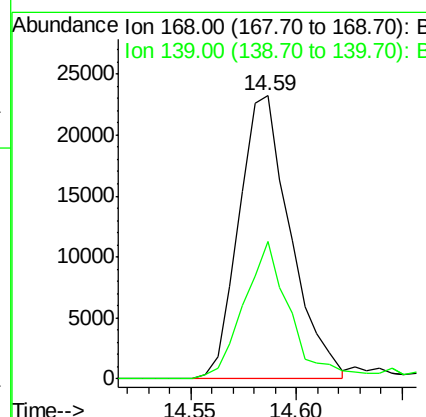
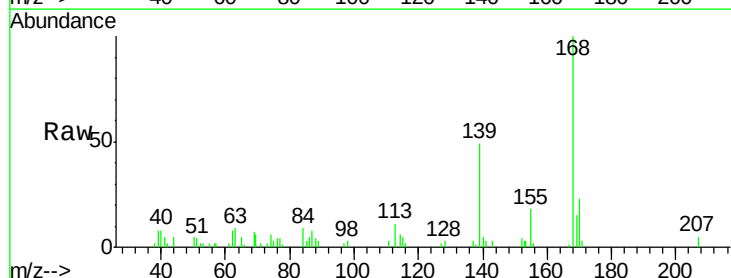
RT: 14.59 min Scan# 1972

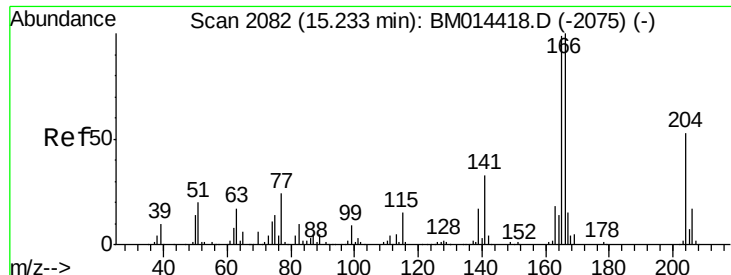
Delta R.T. 0.01 min

Lab File: BM014434.D

Acq: 01 Mar 2018 11:08

Tgt Ion:	168	Resp:	39166
Ion Ratio	Lower	Upper	
168	100		
139	48.6	30.8	46.2#





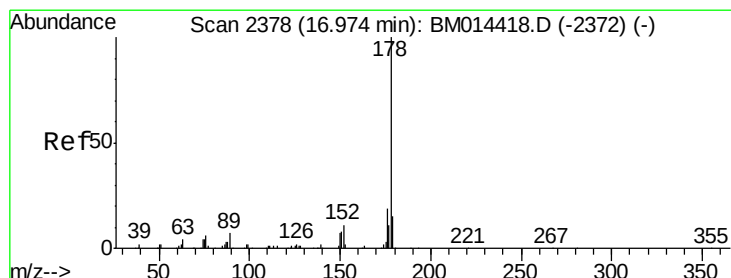
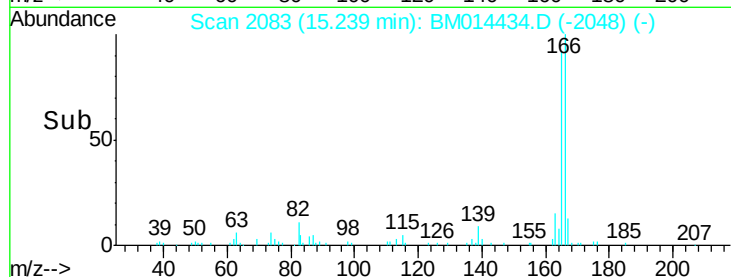
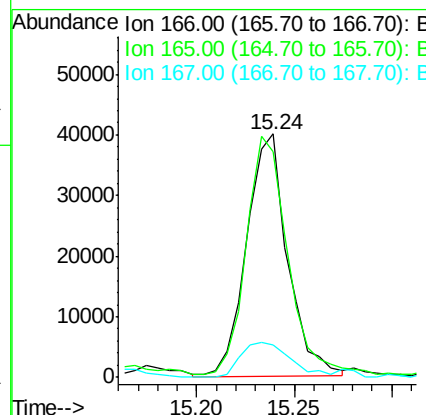
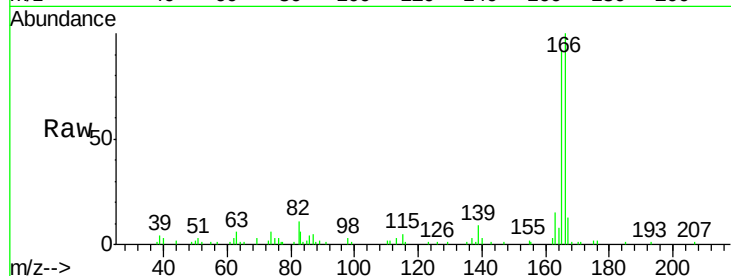
#58
 Fluorene
 Concen: 1.986 ng/ul
 RT: 15.24 min Scan# 2083
 Delta R.T. 0.01 min
 Lab File: BM014434.D
 Acq: 01 Mar 2018 11:08

Instrument :
 BNA_M
 ClientSampled :
 BE5X6DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		58276		
165	92.5	77.9	116.9		
167	13.3	10.6	16.0		

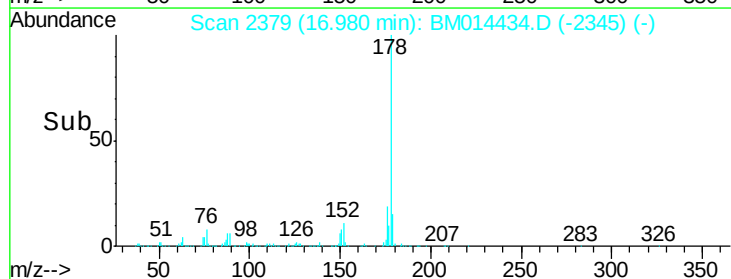
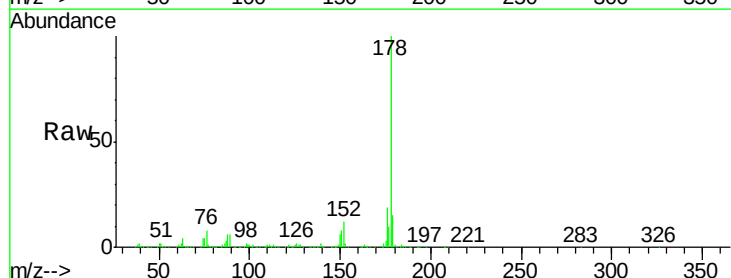
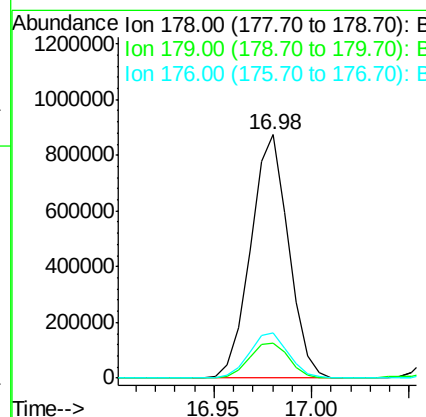
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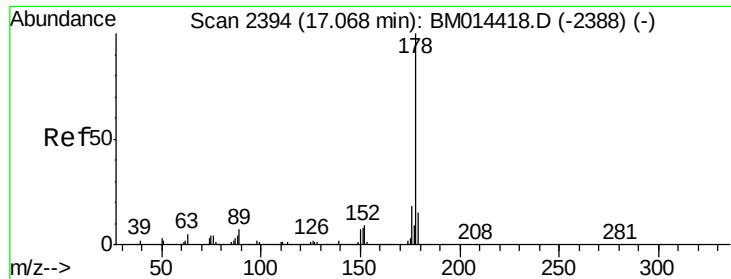
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#69
 Phenanthrene
 Concen: 27.165 ng/ul
 RT: 16.98 min Scan# 2379
 Delta R.T. 0.00 min
 Lab File: BM014434.D
 Acq: 01 Mar 2018 11:08

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
178	100		1169621		
179	14.5	12.6	19.0		
176	18.7	14.9	22.3		





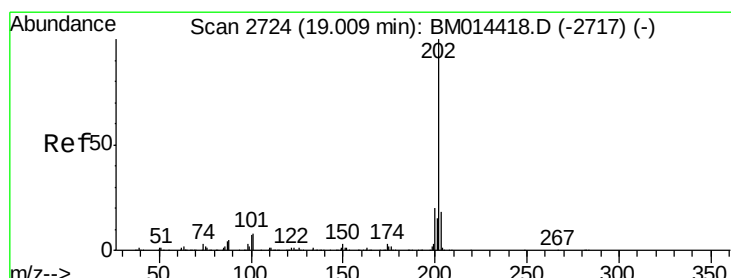
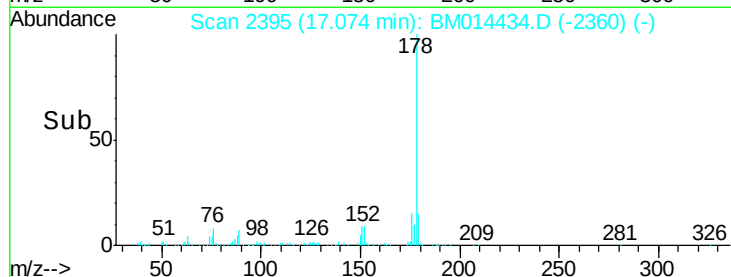
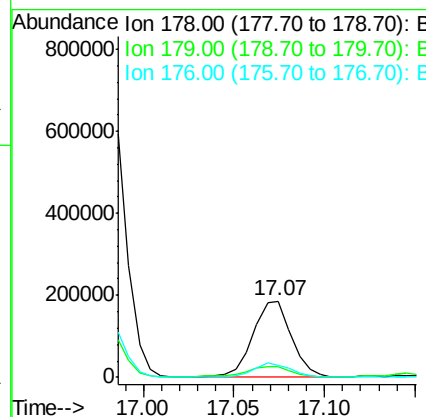
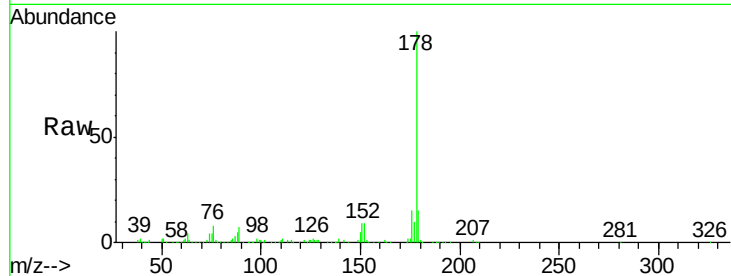
#71
 Anthracene
 Concen: 6.251 ng/ul
 RT: 17.07 min Scan# 2395
 Delta R.T. 0.01 min
 Lab File: BM014434.D
 Acq: 01 Mar 2018 11:08

Instrument :
 BNA_M
 ClientSampleId :
 BE5X6DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.7	11.7	17.5
176	15.2	14.6	21.8

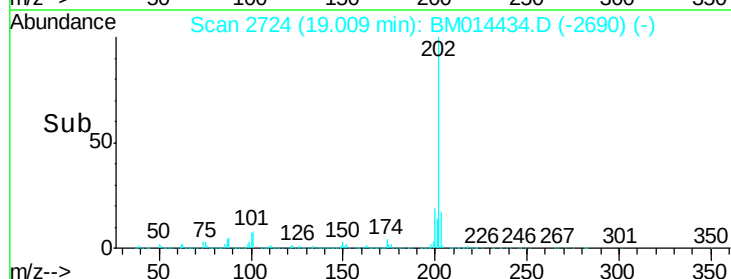
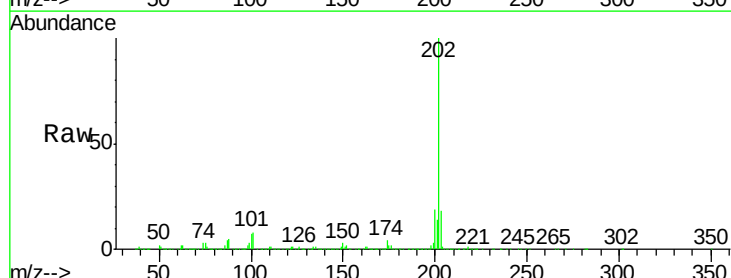
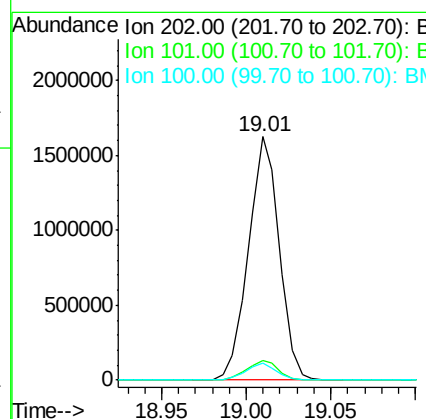
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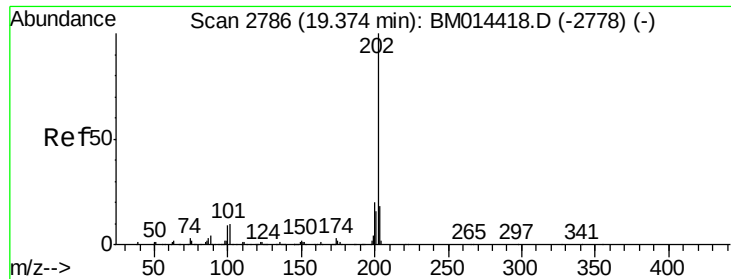
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#74
 Fluoranthene
 Concen: 40.135 ng/ul
 RT: 19.01 min Scan# 2724
 Delta R.T. 0.00 min
 Lab File: BM014434.D
 Acq: 01 Mar 2018 11:08

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	4.6	7.0#
100	7.1	3.4	5.2#





#77

Pvrene

Concen: 36.940 ng/ul

RT: 19.37 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM014434.D

Acq: 01 Mar 2018 11:08

Instrument :

BNA_M

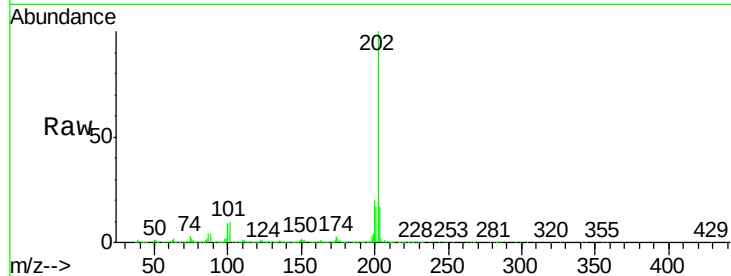
ClientSampleId :

BE5X6DL

Tot Ion:	202	Resp:	1729350
Ion Ratio	Lower	Upper	
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101	9.9	5.1	7.7#
100	9.0	4.9	7.3#

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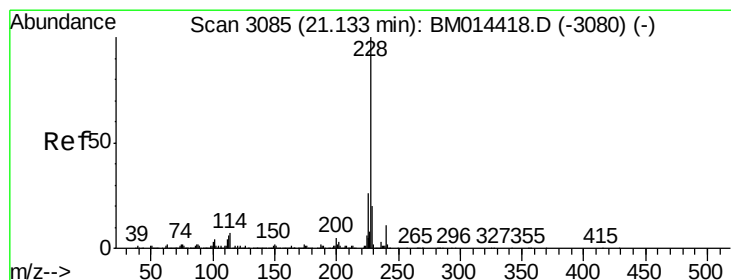
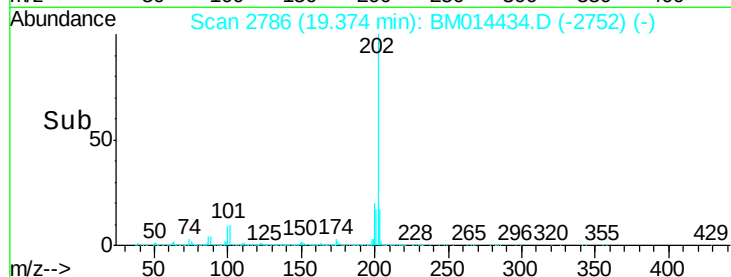
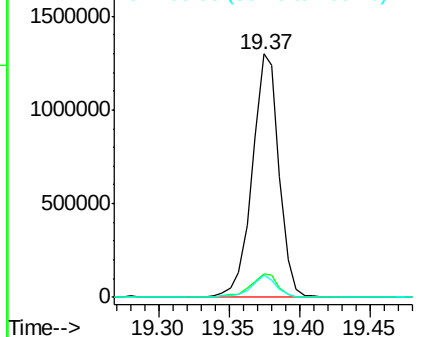
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 19.409 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM014434.D

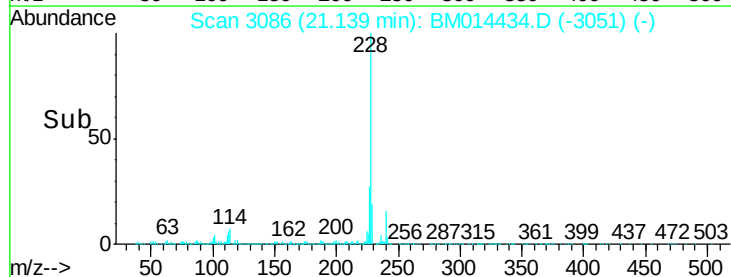
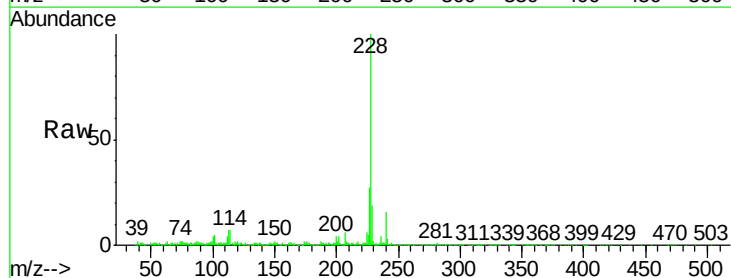
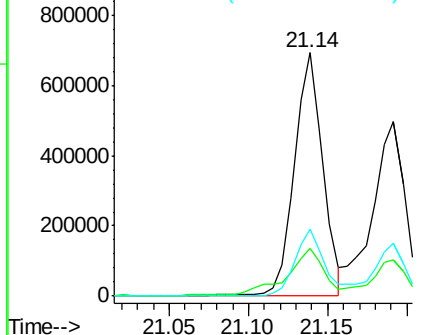
Acq: 01 Mar 2018 11:08

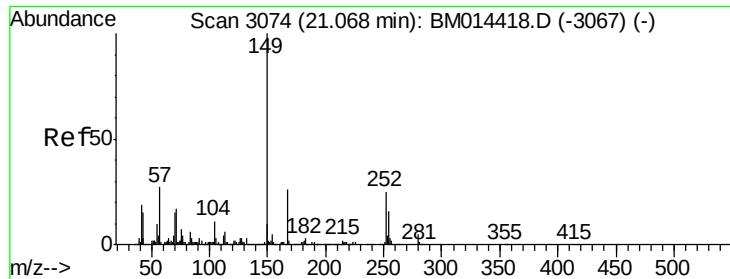
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Ion Ratio	Lower	Upper	
228	100		
229	19.4	15.4	23.0
226	27.3	21.4	32.0

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





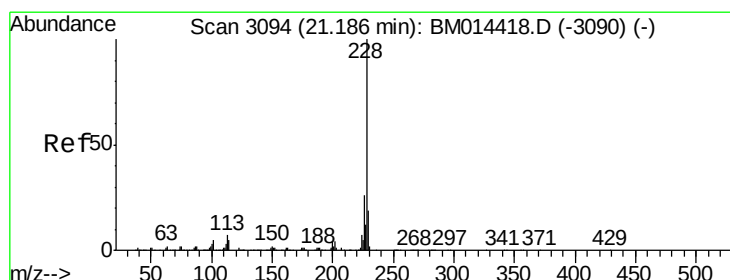
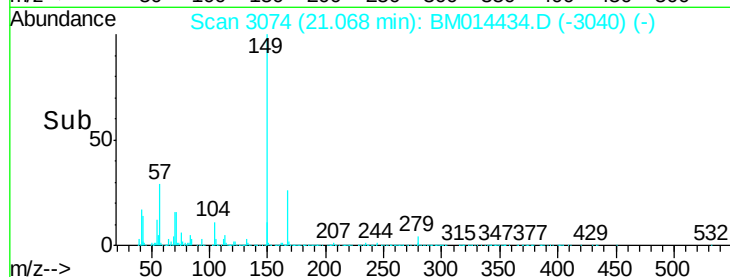
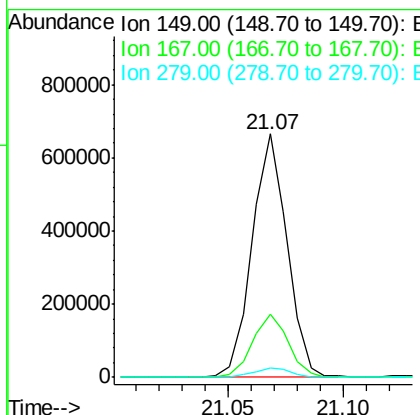
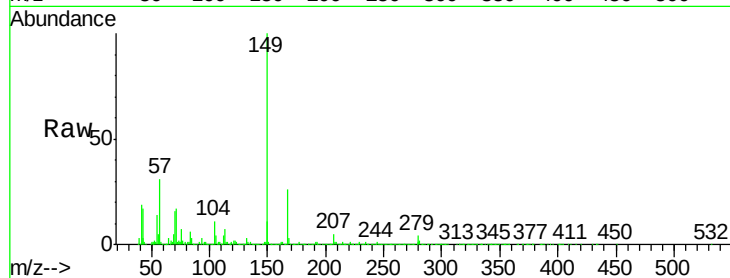
#81
 Bis(2-ethylhexyl)phthalate
 Concen: 25.104 ng/ul
 RT: 21.07 min Scan# 3074
 Delta R.T. 0.00 min
 Lab File: BM014434.D
 Acq: 01 Mar 2018 11:08

Instrument :
 BNA_M
 ClientSampled :
 BE5X6DL

Tot Ion	Ratio	Lower	Upper
149	100		
167	26.0	22.8	34.2
279	3.9	4.9	7.3#

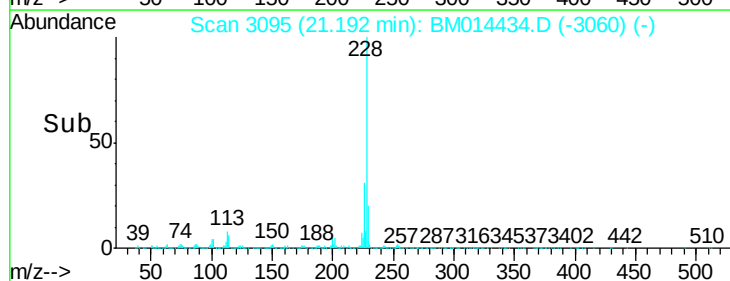
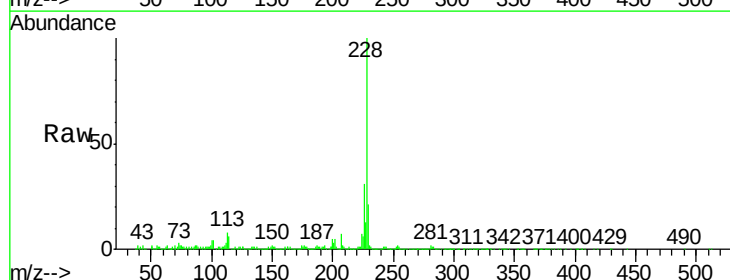
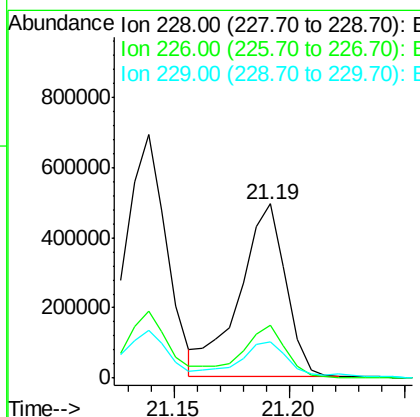
Manual Integrations
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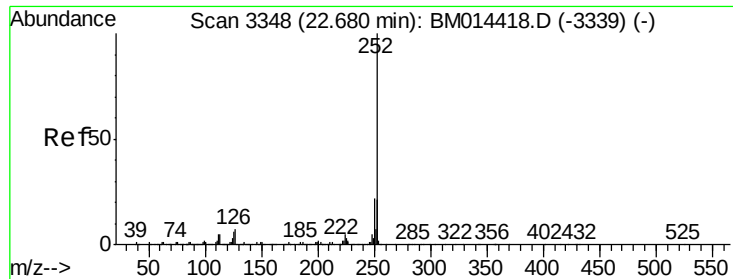
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#82
 Chrysene
 Concen: 16.863 ng/ul
 RT: 21.19 min Scan# 3095
 Delta R.T. 0.01 min
 Lab File: BM014434.D
 Acq: 01 Mar 2018 11:08

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.4	35.2
229	20.8	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 18.377 ng/ul

RT: 22.69 min Scan# 3349

Delta R.T. 0.01 min

Lab File: BM014434.D

Acq: 01 Mar 2018 11:08

Instrument :

BNA_M

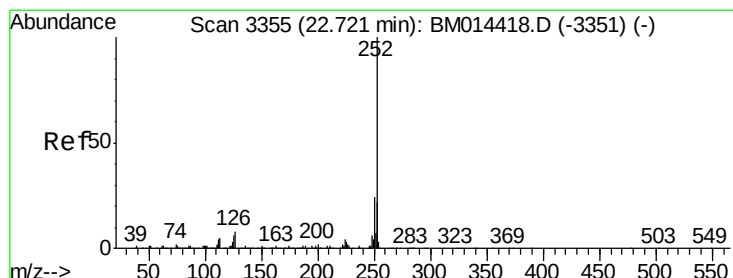
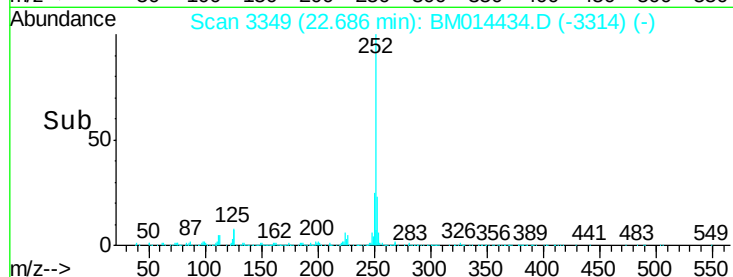
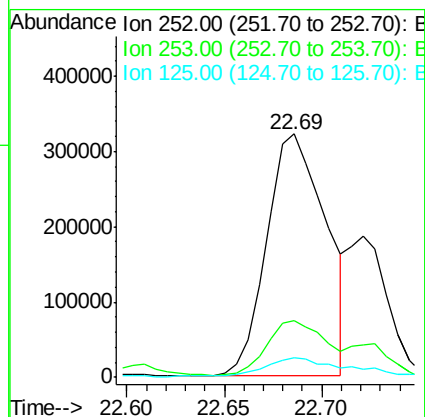
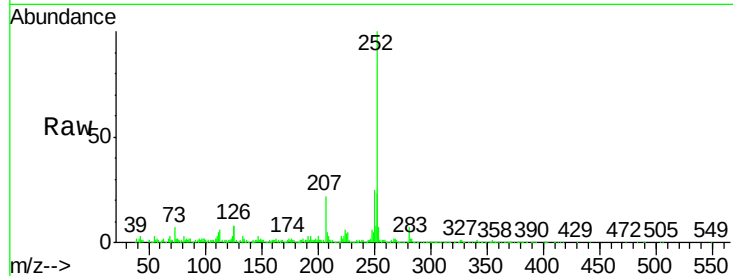
ClientSampled :

BE5X6DL

Tot Ion:	252	Resp:	677482
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.9	26.9
125	8.2	3.6	5.4#

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 7.189 ng/ul

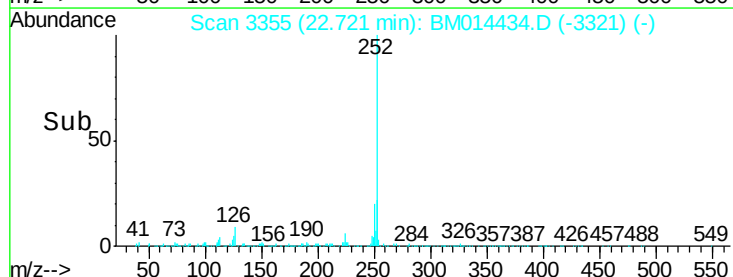
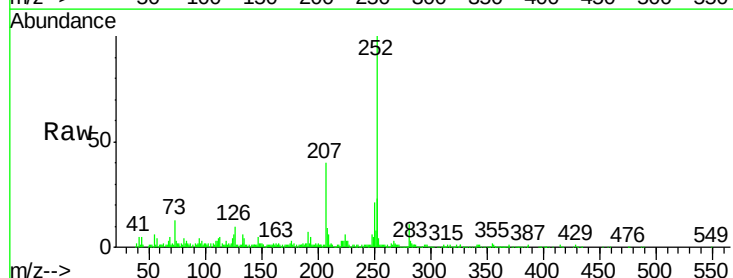
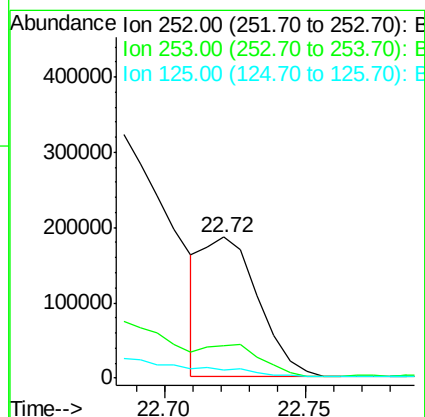
RT: 22.72 min Scan# 3355

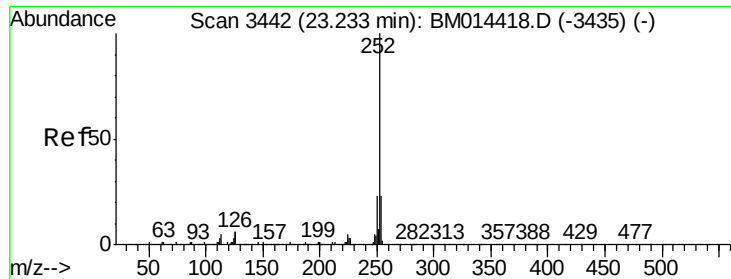
Delta R.T. 0.00 min

Lab File: BM014434.D

Acq: 01 Mar 2018 11:08

Tgt Ion:	252	Resp:	251968
Ion Ratio	Lower	Upper	
252	100		
253	22.9	17.1	25.7
125	6.2	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 14.231 ng/ul

RT: 23.23 min Scan# 3442

Delta R.T. 0.00 min

Lab File: BM014434.D

Acq: 01 Mar 2018 11:08

Instrument :

BNA_M

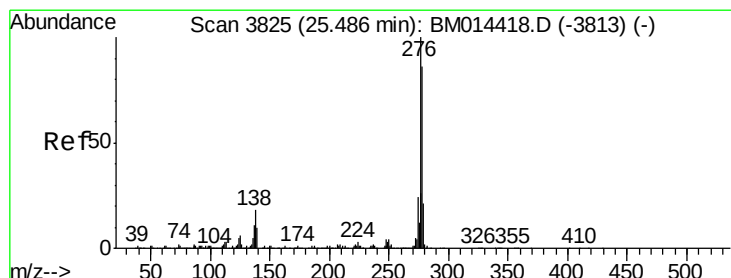
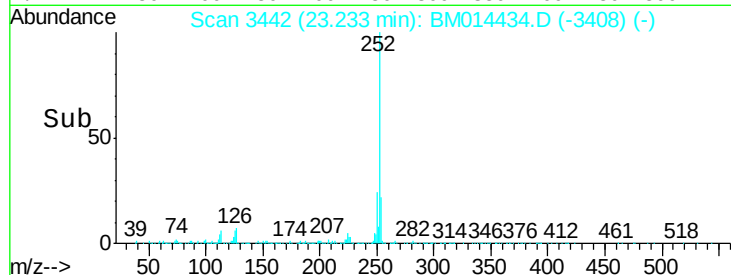
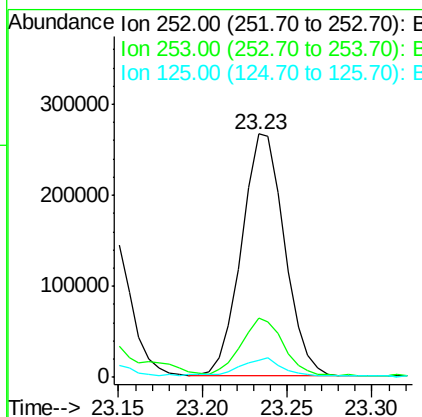
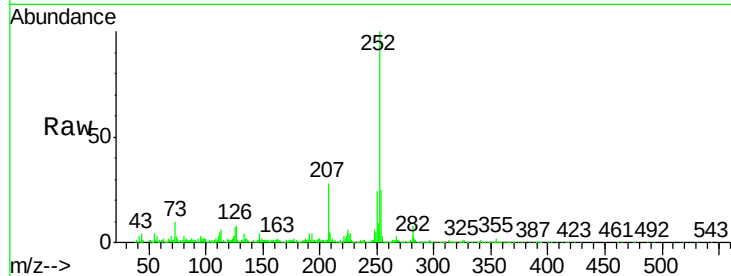
ClientSampleId :

BE5X6DL

Tot Ion:	252	Resp:	468807
Ion Ratio		Lower	Upper
252	100		
253	24.5	18.2	27.2
125	7.0	4.0	6.0#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 7.976 ng/ul

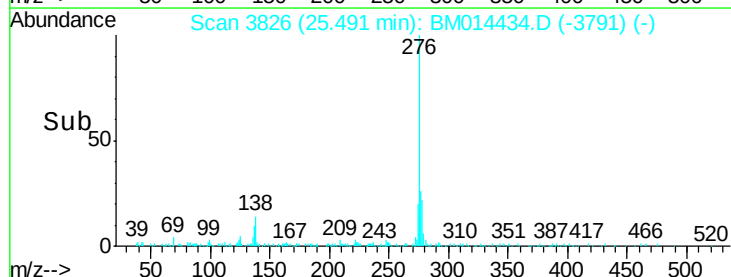
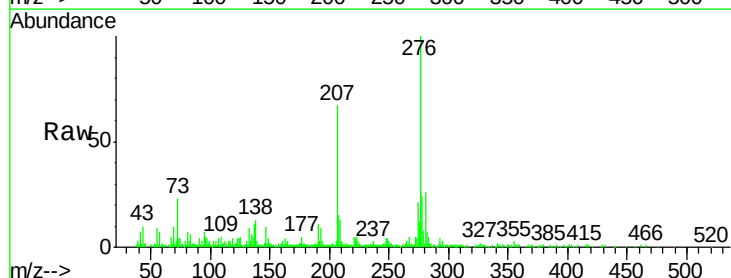
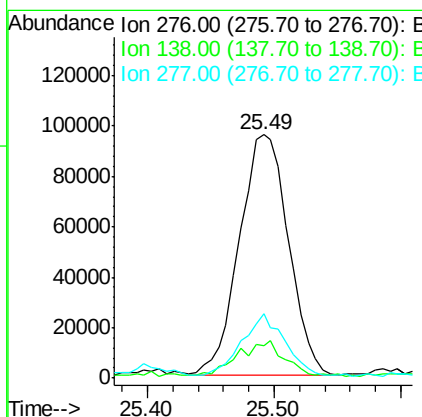
RT: 25.49 min Scan# 3826

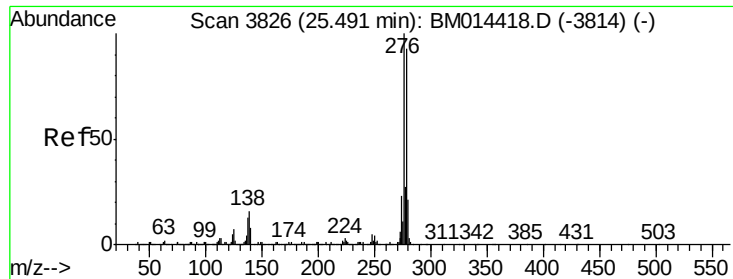
Delta R.T. 0.01 min

Lab File: BM014434.D

Acq: 01 Mar 2018 11:08

Tgt Ion:	276	Resp:	254966
Ion Ratio		Lower	Upper
276	100		
138	13.5	9.3	13.9
277	26.5	19.9	29.9





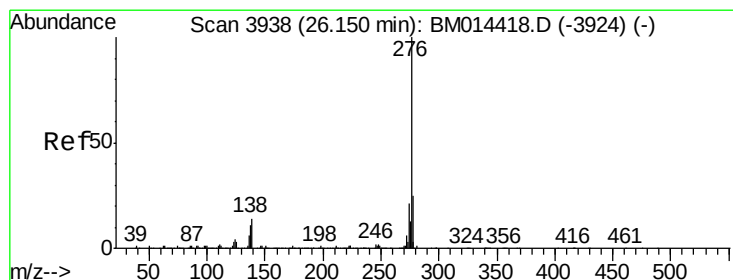
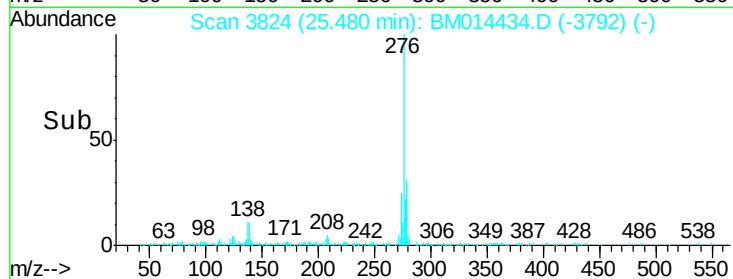
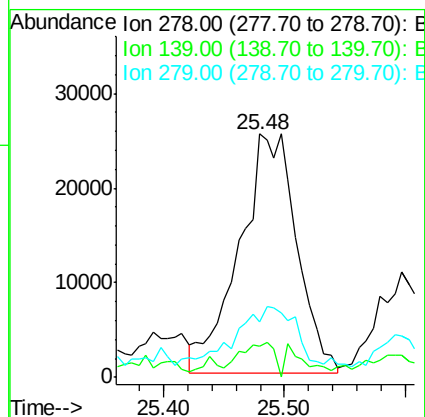
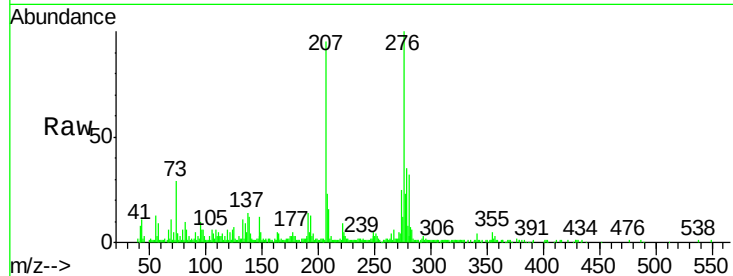
#90
Dibenzo(a,h)anthracene
Concen: 3.187 ng/ul m
RT: 25.48 min Scan# 3824
Delta R.T. -0.01 min
Lab File: BM014434.D
Acq: 01 Mar 2018 11:08

Instrument :
BNA_M
ClientSampleId :
BE5X6DL

Tot Ion	Ratio	Lower	Upper
278	100		
139	12.9	5.8	8.8#
279	22.7	18.6	27.8

Manual Integrations
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3/1/2018 5:16:08 PM



#91
Benzo(g,h,i)perylene
Concen: 6.998 ng/ul
RT: 26.16 min Scan# 3939
Delta R.T. 0.01 min
Lab File: BM014434.D
Acq: 01 Mar 2018 11:08

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.7	8.5	12.7#
277	23.1	18.6	28.0

