

Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
 Data File : BM014449.D
 Acq On : 02 Mar 2018 01:00
 Operator : SJ/JU
 Sample : J1678-18
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5W6

Manual Integrations
 APPROVED

Sohil
 3/2/2018 3:32:13 PM

Quant Time: Mar 02 11:45:15 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	7.52	152	75394	20.00	ng/ul	0.00
18) Naphthalene-d8	10.29	136	341800	20.00	ng/ul	0.01
35) Acenaphthene-d10	14.18	164	219073	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	507024	20.00	ng/ul	0.01
75) Chrysene-d12	21.16	240	568190	20.00	ng/ul	0.01
83) Perylene-d12	23.35	264	462708	20.00	ng/ul	0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	5578	3.17	ng/uL	0.00
5) Phenol-d5	6.73	99	188805	29.63	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.87	67	103032	26.71	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	151776	31.06	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	156396	28.05	ng/ul	0.02
19) Nitrobenzene-d5	8.68	128	77581	30.72	ng/ul	0.01
22) 2-Nitrophenol-d4	9.39	143	86175	32.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	159550	29.46	ng/ul	0.02
29) 4-Chloroaniline-d4	10.45	131	207861	38.96	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	559976	30.95	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	716680	32.13	ng/ul	0.01
51) 4-Nitrophenol-d4	14.48	143	65947	26.40	ng/ul	0.05
57) Fluorene-d10	15.19	176	478992	29.55	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.36	200	3857	1.27	ng/ul	0.02
70) Anthracene-d10	17.04	188	777324	31.78	ng/ul	0.01
76) Pyrene-d10	19.36	212	950710	32.44	ng/ul	0.01
87) Benzo(a)pyrene-d12	23.21	264	714198	31.71	ng/ul	0.03

Target Compounds

					Ovalue	
6) Phenol	6.76	94	7396	1.106	ng/ul#	87
28) Naphthalene	10.34	128	34564	1.969	ng/ul	99
44) Dimethylphthalate	13.65	163	85912	4.816	ng/ul#	96
47) Acenaphthylene	13.90	152	40022	1.898	ng/ul	96
69) Phenanthrene	16.99	178	203747	6.975	ng/ul	97
71) Anthracene	17.08	178	54683	1.861	ng/ul	96
74) Fluoranthene	19.02	202	507673	14.546	ng/ul#	97
77) Pyrene	19.39	202	488198	12.929	ng/ul#	95
80) Benzo(a)anthracene	21.15	228	285947m	8.064	ng/ul	
82) Chrysene	21.20	228	261330	7.900	ng/ul	97
85) Benzo(b)fluoranthene	22.70	252	281818	9.096	ng/ul#	90
86) Benzo(k)fluoranthene	22.74	252	102833m	3.491	ng/ul	
88) Benzo(a)pyrene	23.26	252	212500	7.675	ng/ul#	94
89) Indeno(1,2,3-cd)pyrene	25.53	276	127284	4.738	ng/ul#	91
90) Dibenzo(a,h)anthracene	25.51	278	43842	1.964	ng/ul#	65
91) Benzo(g,h,i)perylene	26.20	276	109111	5.013	ng/ul#	94

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

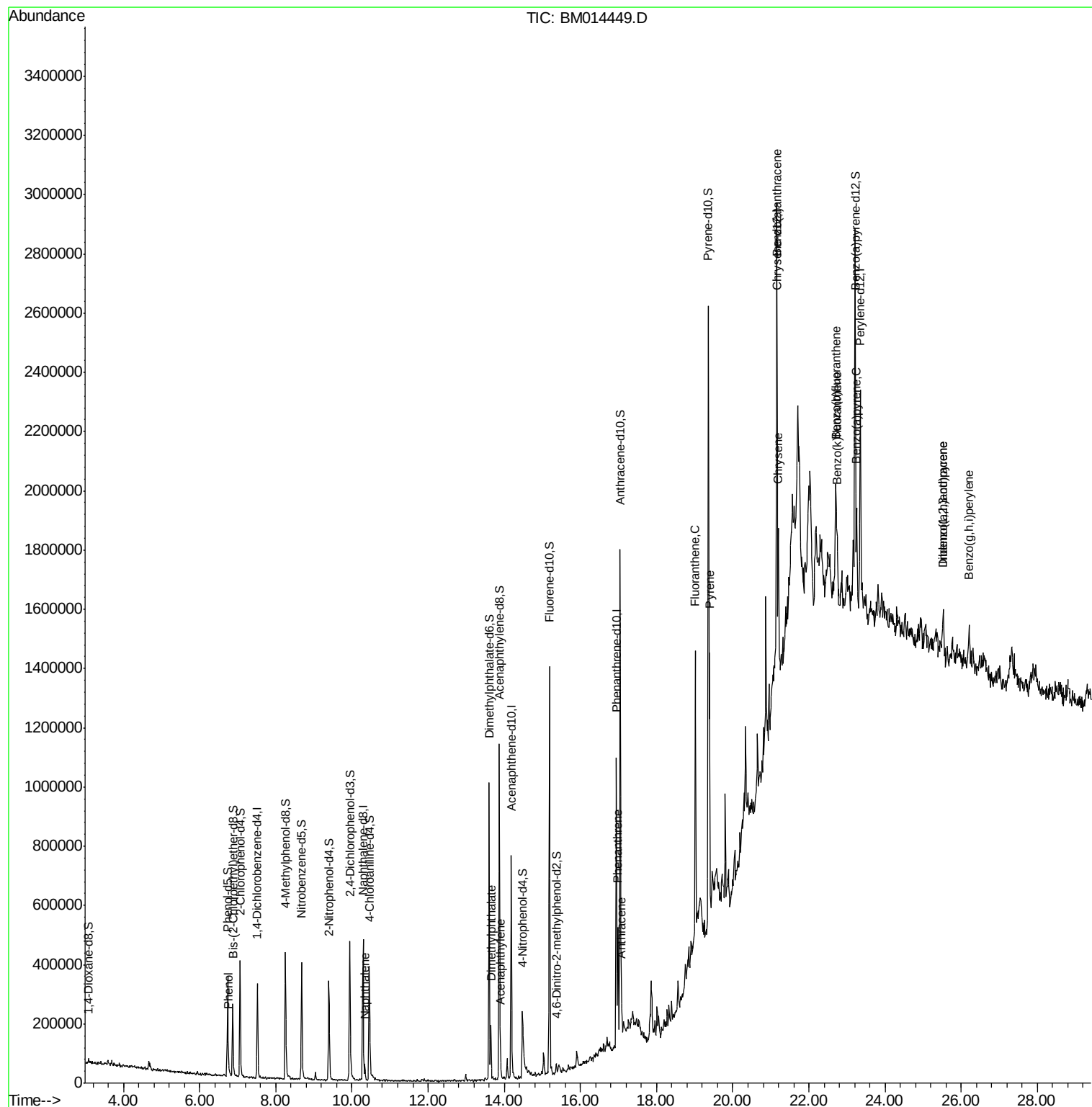
Data Path : Z:\HPCHEM1\BNA M\DATA\BM030118\
Data File : BM014449.D
Acq On : 02 Mar 2018 01:00
Operator : SJ/JU
Sample : J1678-18
Misc :
ALS Vial : 13 Sample Multiplier: 1

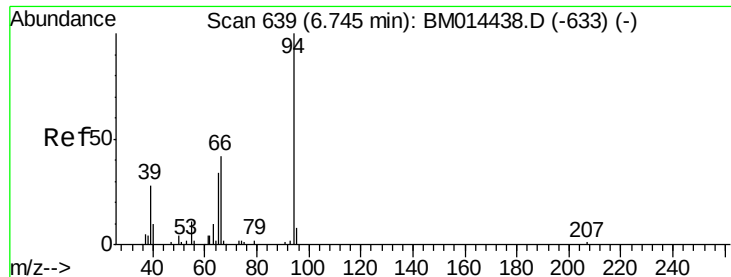
Instrument :
BNA_M
ClientSampleId :
BE5W6

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Quant Time: Mar 02 11:45:15 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





#6

Phenol

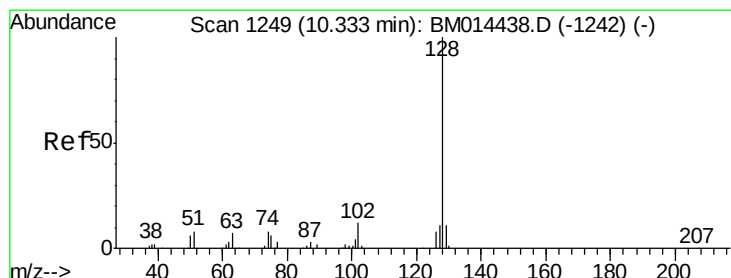
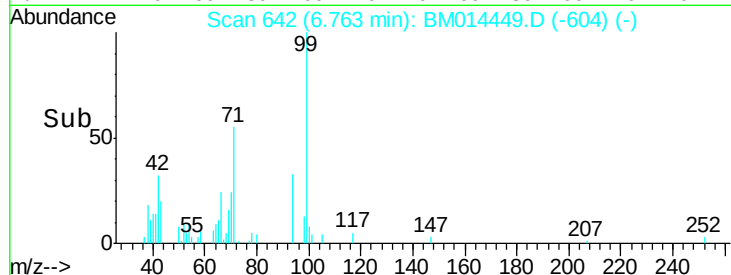
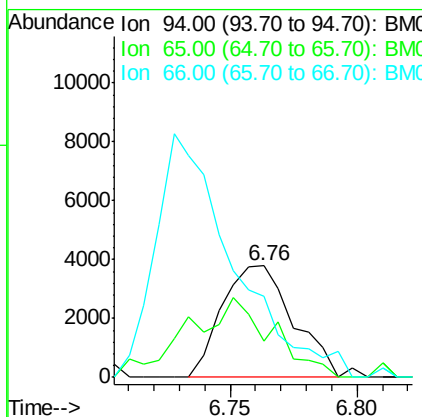
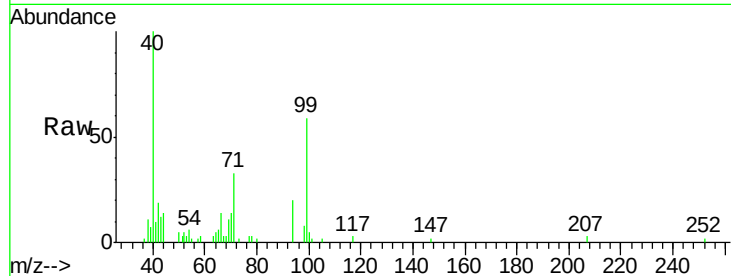
Concen: 1.106 ng/ul
 RT: 6.76 min Scan# 642
 Delta R.T. 0.02 min
 Lab File: BM014449.D
 Acq: 02 Mar 2018 01:00

Instrument :
 BNA_M
 ClientSampled :
 BE5W6

Tot Ion	Ratio	Lower	Upper
94	100		
65	32.2	28.2	42.4
66	72.7	47.2	70.8

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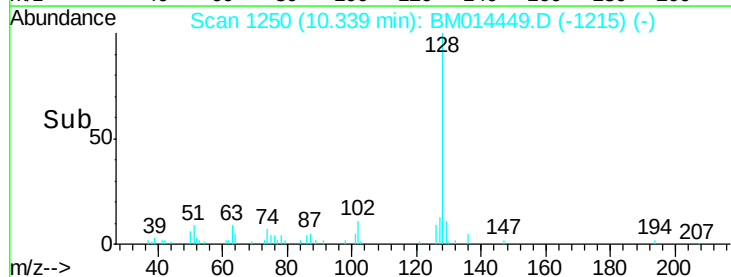
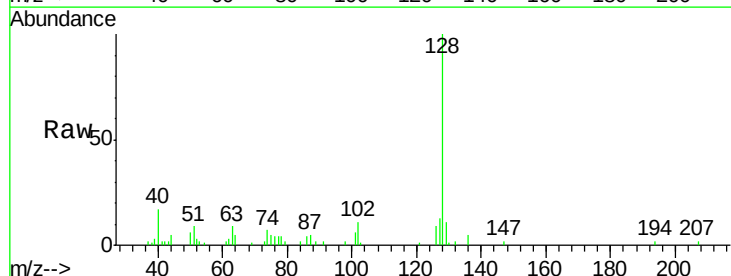
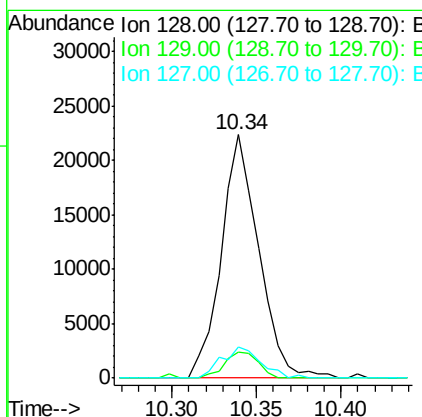


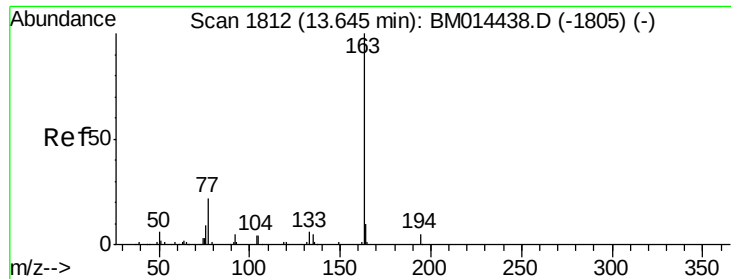
#28

Naphthalene

Concen: 1.969 ng/ul
 RT: 10.34 min Scan# 1250
 Delta R.T. 0.01 min
 Lab File: BM014449.D
 Acq: 02 Mar 2018 01:00

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	12.7	10.6	16.0





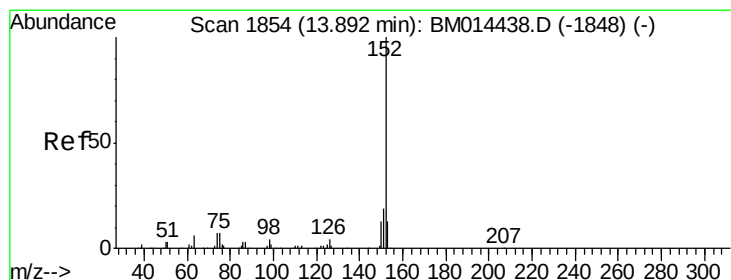
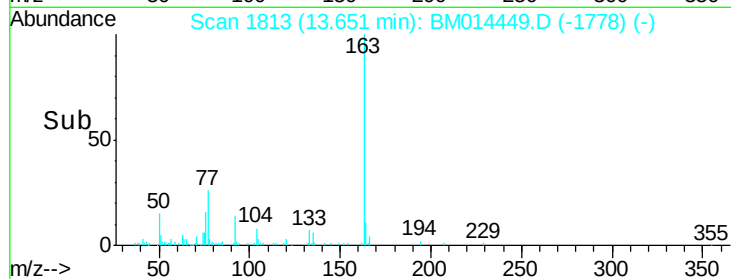
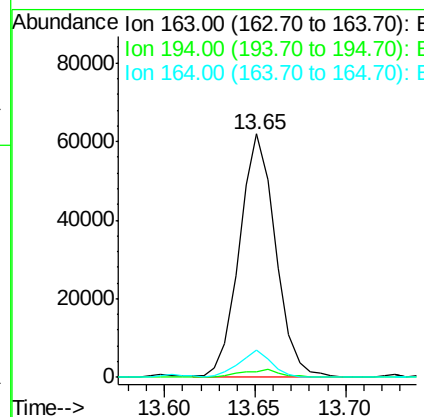
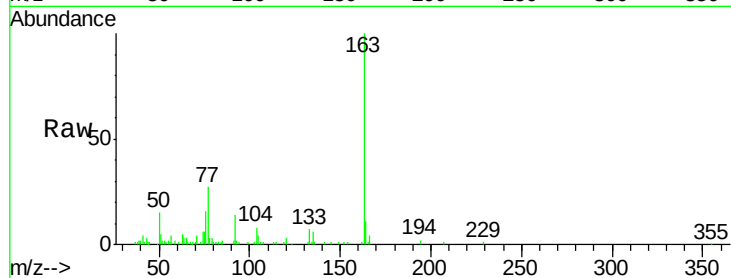
#44
Dimethylphthalate
Concen: 4.816 ng/ul
RT: 13.65 min Scan# 1813
Delta R.T. 0.01 min
Lab File: BM014449.D
Acq: 02 Mar 2018 01:00

Instrument :
BNA_M
ClientSampleId :
BE5W6

Tot Ion	Ratio	Resp	Lower	Upper
163	100	85912		
194	2.5	3.5	5.3#	
164	11.3	8.2	12.4	

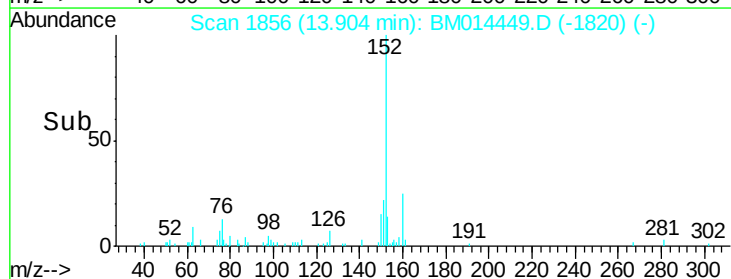
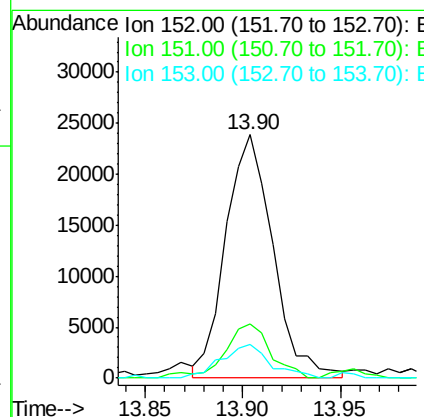
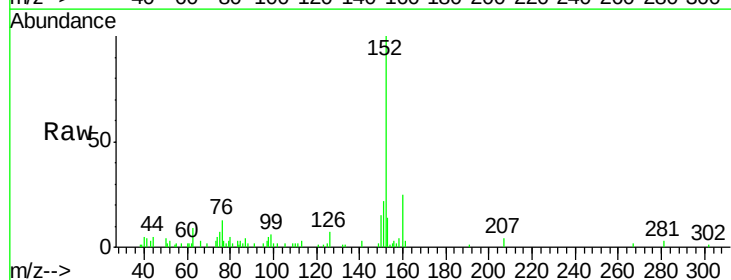
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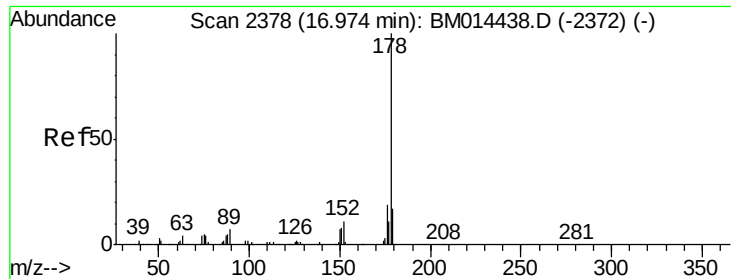
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#47
Acenaphthylene
Concen: 1.898 ng/ul
RT: 13.90 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BM014449.D
Acq: 02 Mar 2018 01:00

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	40022		
151	22.4	16.3	24.5	
153	14.1	10.2	15.4	





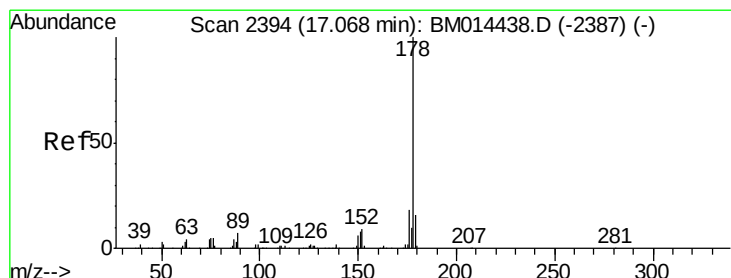
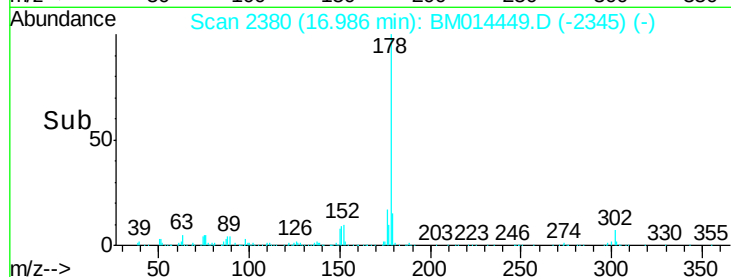
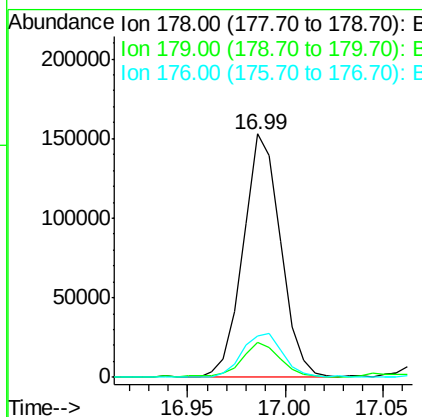
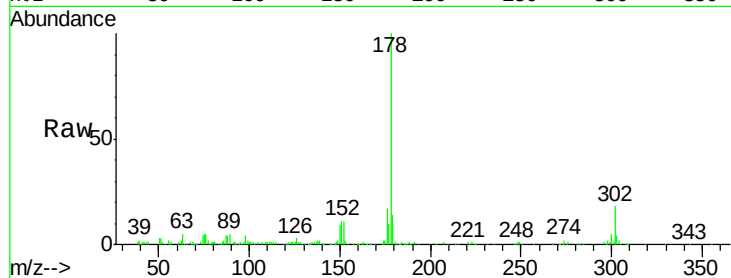
#69
 Phenanthrene
 Concen: 6.975 ng/ul
 RT: 16.99 min Scan# 2380
 Delta R.T. 0.01 min
 Lab File: BM014449.D
 Acq: 02 Mar 2018 01:00

Instrument :
 BNA_M
 ClientSampleId :
 BE5W6

Tot Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.6	19.0
176	17.0	14.9	22.3

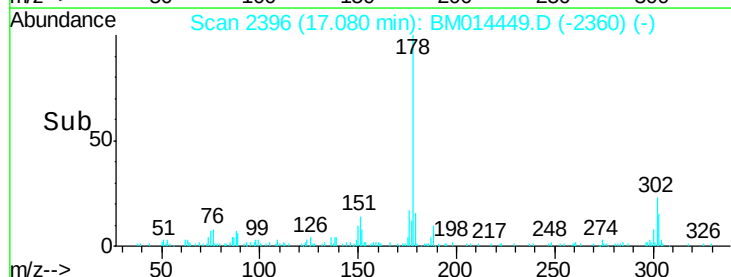
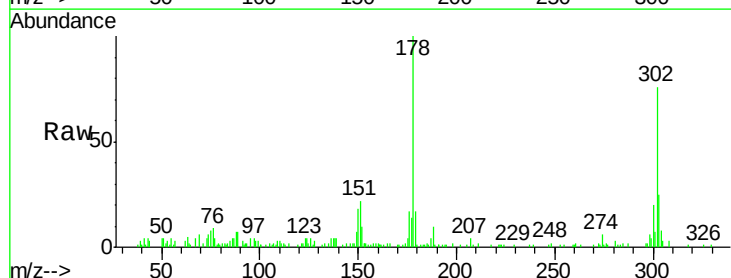
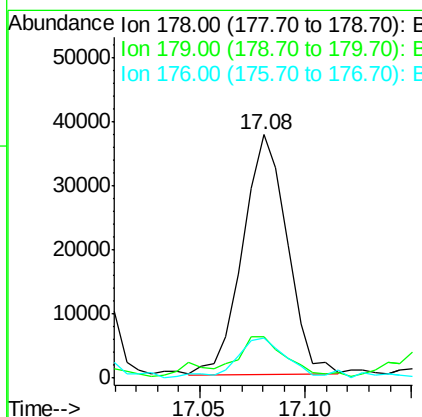
Manual Integrations
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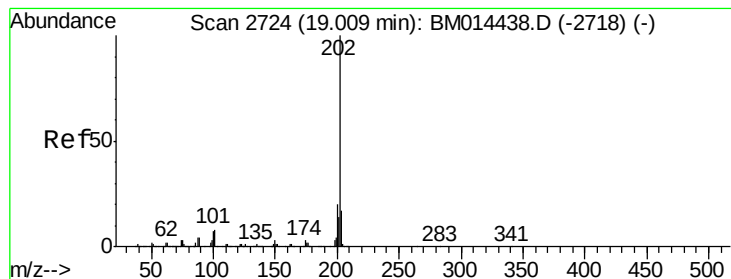
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#71
 Anthracene
 Concen: 1.861 ng/ul
 RT: 17.08 min Scan# 2396
 Delta R.T. 0.01 min
 Lab File: BM014449.D
 Acq: 02 Mar 2018 01:00

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.8	11.7	17.5
176	16.6	14.6	21.8





#74

Fluoranthene

Concen: 14.546 ng/ul

RT: 19.02 min Scan# 2726

Delta R.T. 0.01 min

Lab File: BM014449.D

Acq: 02 Mar 2018 01:00

Instrument :

BNA_M

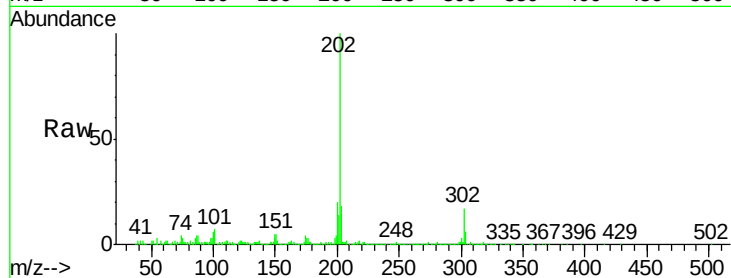
ClientSampleId :

BE5W6

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		507673		
101	6.5	4.6	7.0		
100	5.8	3.4	5.2#		

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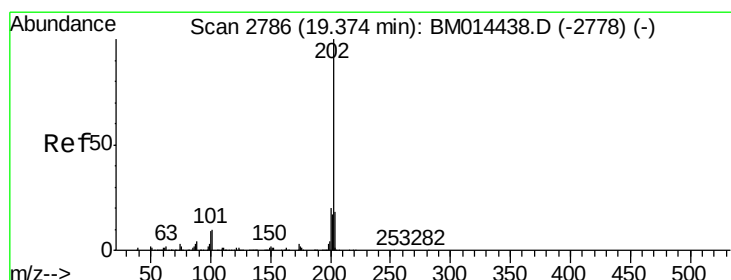
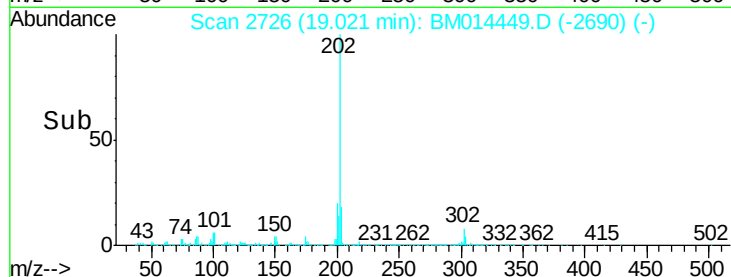
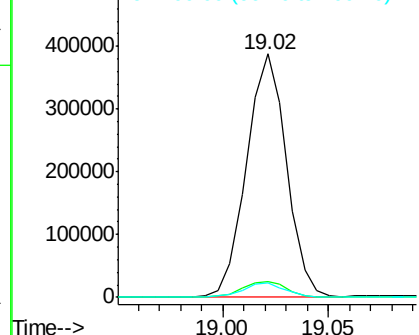
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#77

Pyrene

Concen: 12.929 ng/ul

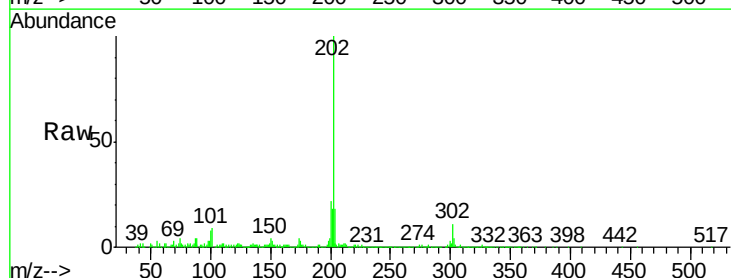
RT: 19.39 min Scan# 2788

Delta R.T. 0.01 min

Lab File: BM014449.D

Acq: 02 Mar 2018 01:00

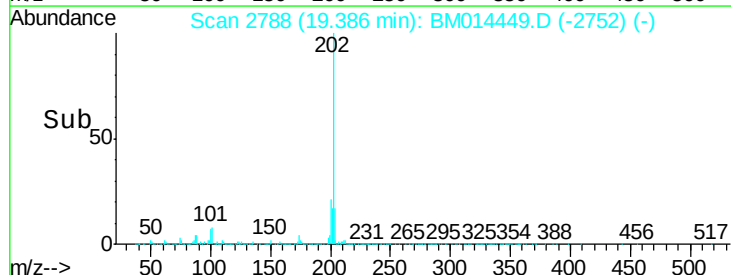
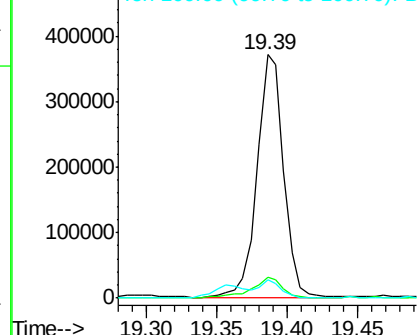
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		488198		
101	8.6	5.1	7.7#		
100	7.5	4.9	7.3#		

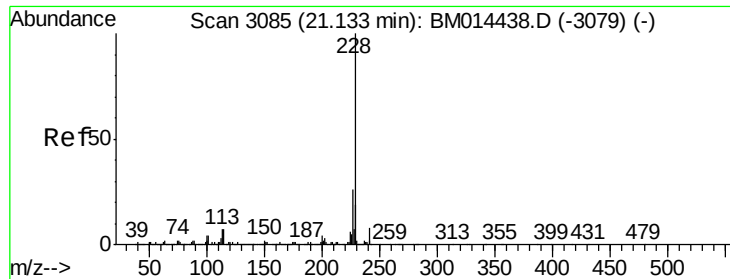


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 8.064 ng/ul m

RT: 21.15 min Scan# 3088

Delta R.T. 0.02 min

Lab File: BM014449.D

Acq: 02 Mar 2018 01:00

Instrument :

BNA_M

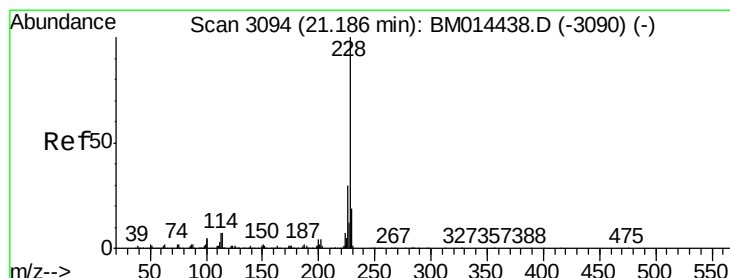
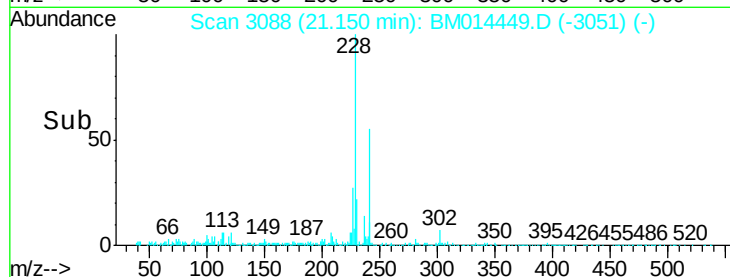
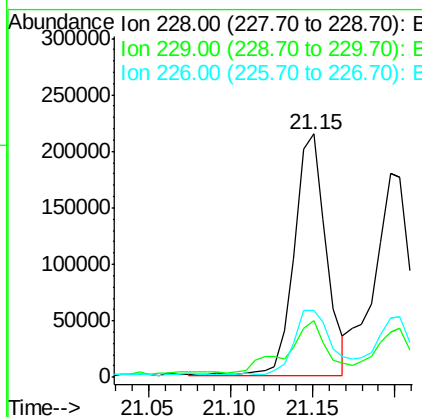
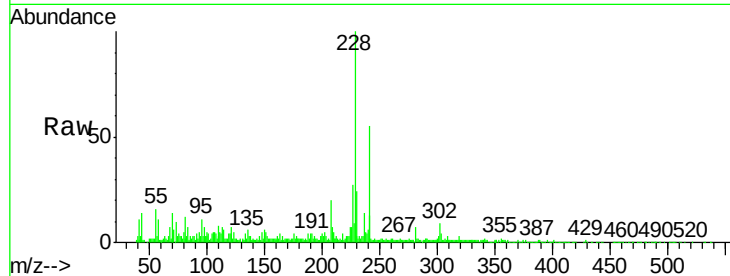
ClientSampled :

BE5W6

Tot Ion:	228	Resp:	285947
Ion Ratio	Lower	Upper	
228	100		
229	23.5	15.4	23.0#
226	27.3	21.4	32.0

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#82

Chrysene

Concen: 7.900 ng/ul

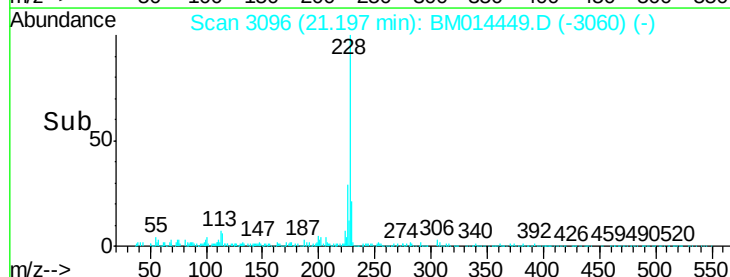
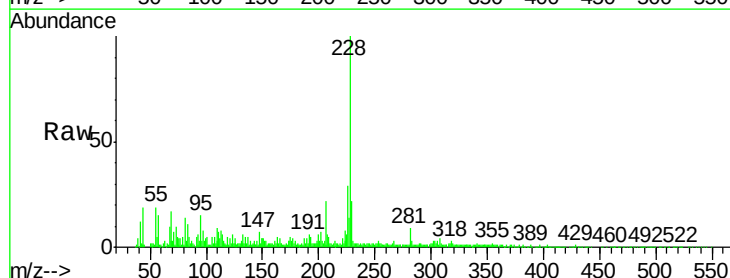
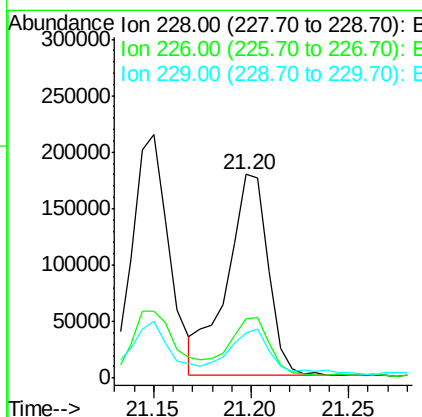
RT: 21.20 min Scan# 3096

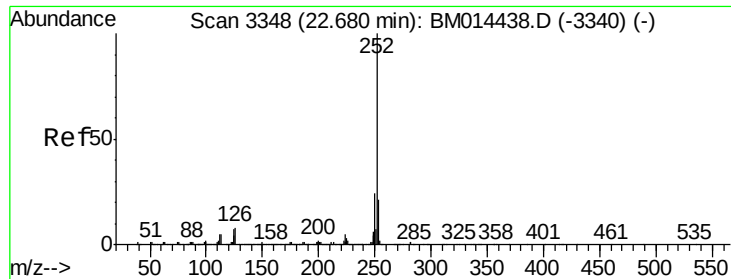
Delta R.T. 0.01 min

Lab File: BM014449.D

Acq: 02 Mar 2018 01:00

Tgt Ion:	228	Resp:	261330
Ion Ratio	Lower	Upper	
228	100		
226	29.4	23.4	35.2
229	22.1	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 9.096 ng/ul

RT: 22.70 min Scan# 3352

Delta R.T. 0.02 min

Lab File: BM014449.D

Acq: 02 Mar 2018 01:00

Instrument :

BNA_M

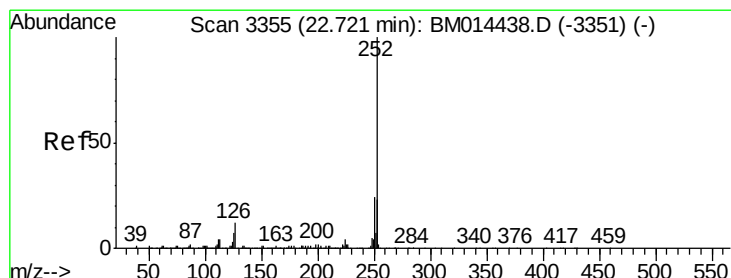
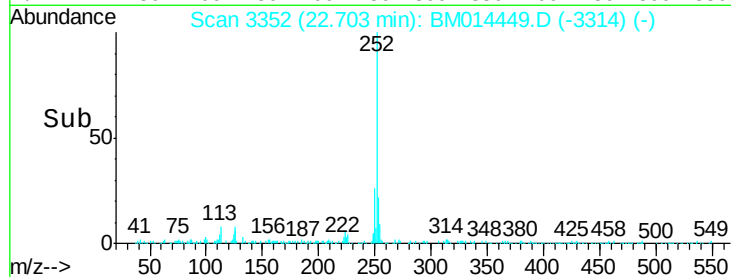
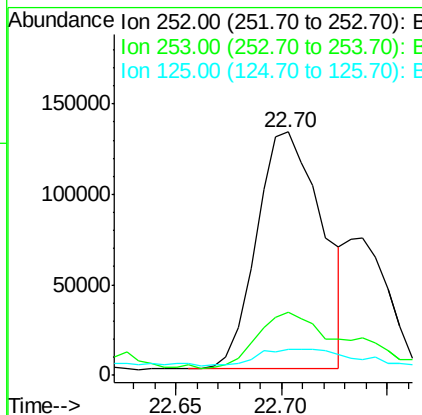
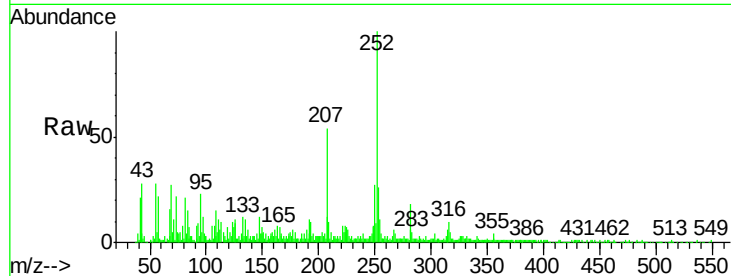
ClientSampleId :

BE5W6

Tot Ion:	252	Resp:	281818
Ion Ratio	Lower	Upper	
252	100		
253	26.0	17.9	26.9
125	10.9	3.6	5.4#

Manual Integrations
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#86

Benzo(k)fluoranthene

Concen: 3.491 ng/ul m

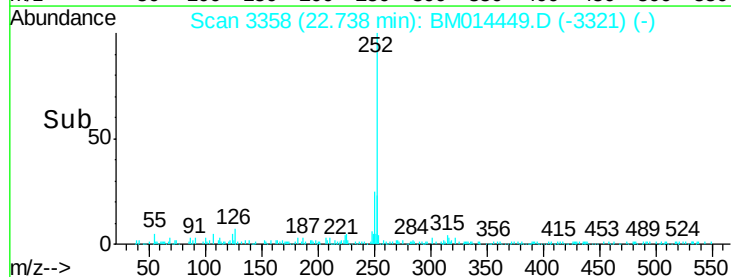
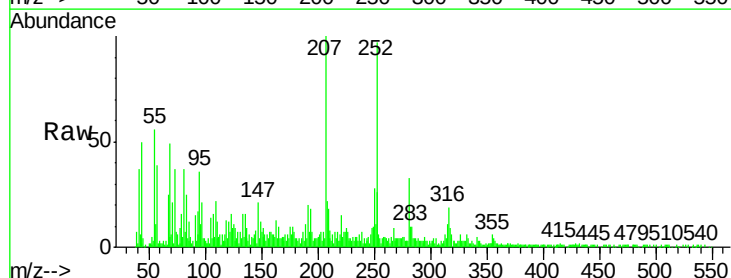
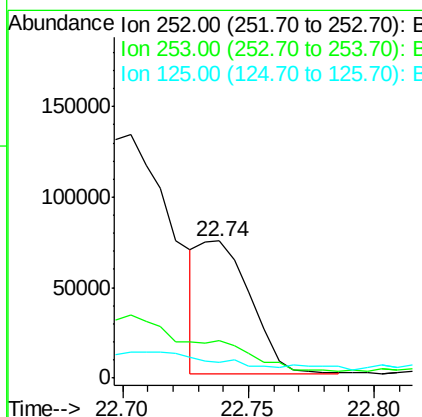
RT: 22.74 min Scan# 3358

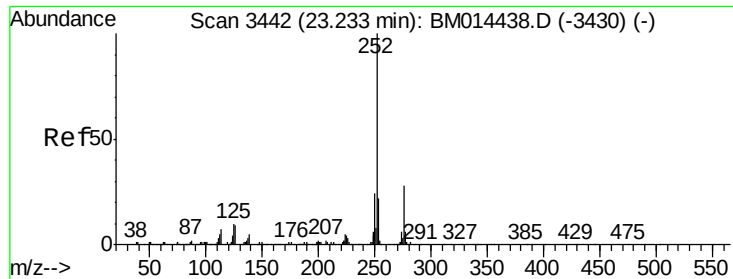
Delta R.T. 0.02 min

Lab File: BM014449.D

Acq: 02 Mar 2018 01:00

Tgt Ion:	252	Resp:	102833
Ion Ratio	Lower	Upper	
252	100		
253	27.0	17.1	25.7#
125	11.8	3.4	5.2#





#88

Benzo(a)pyrene

Concen: 7.675 ng/ul

RT: 23.26 min Scan# 3446

Delta R.T. 0.02 min

Lab File: BM014449.D

Acq: 02 Mar 2018 01:00

Instrument :

BNA_M

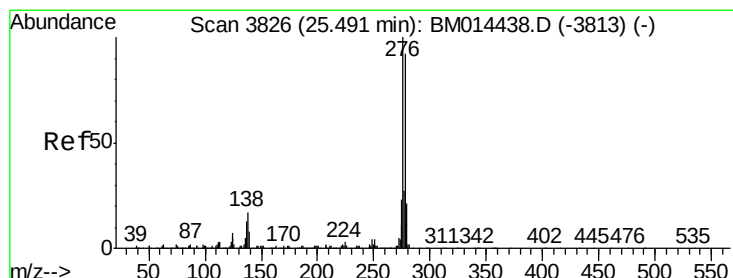
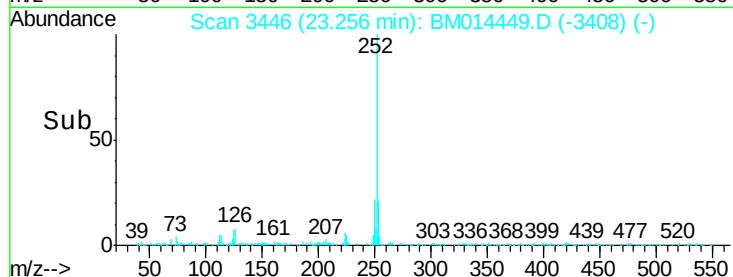
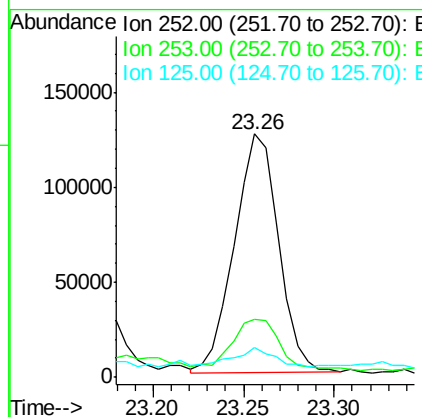
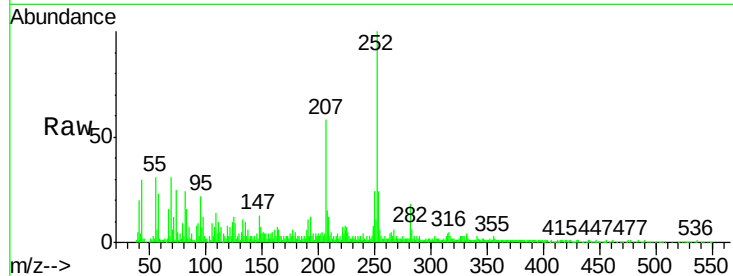
ClientSampleId :

BE5W6

Tot Ion:	252	Resp:	212500
Ion Ratio	Lower	Upper	
252	100		
253	23.7	18.2	27.2
125	12.2	4.0	6.0#

Manual Integrations
APPROVED

Sohil
3/2/2018 3:32:13 PM



#89

Indeno(1,2,3-cd)pyrene

Concen: 4.738 ng/ul

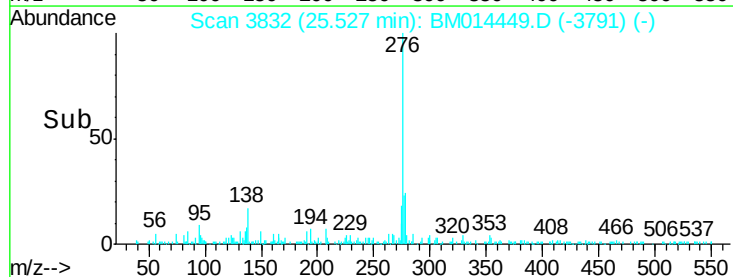
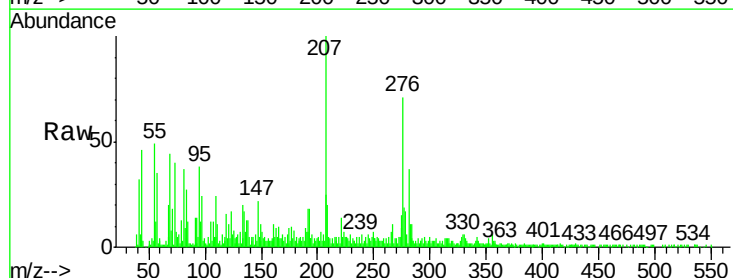
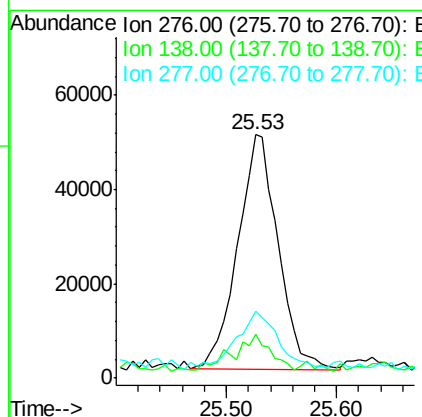
RT: 25.53 min Scan# 3832

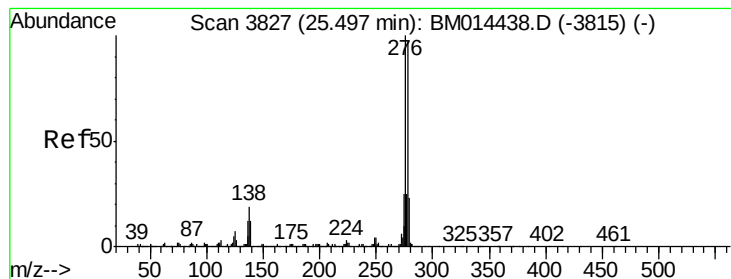
Delta R.T. 0.04 min

Lab File: BM014449.D

Acq: 02 Mar 2018 01:00

Tgt Ion:	276	Resp:	127284
Ion Ratio	Lower	Upper	
276	100		
138	18.1	9.3	13.9#
277	27.5	19.9	29.9





#90

Dibenzo(a,h)anthracene

Concen: 1.964 ng/ul

RT: 25.51 min Scan# 3830

Delta R.T. 0.02 min

Lab File: BM014449.D

Acq: 02 Mar 2018 01:00

Instrument :

BNA_M

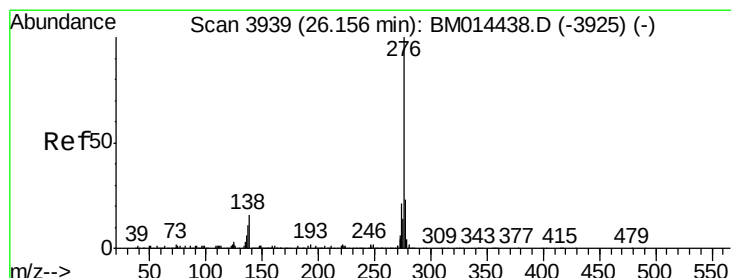
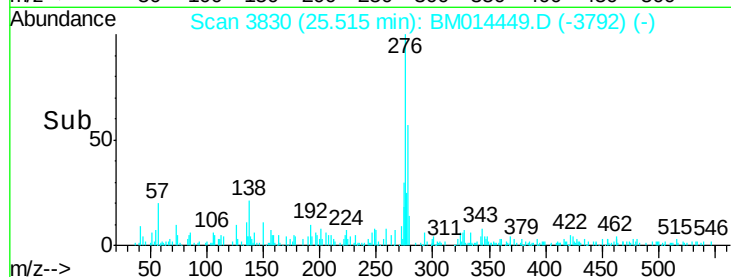
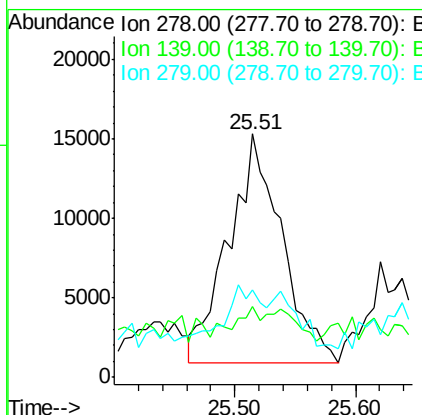
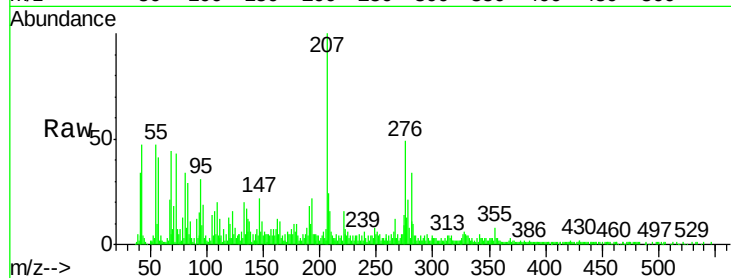
ClientSampleId :

BE5W6

Tot Ion:	278	Resp:	43842
Ion Ratio	Lower	Upper	
278	100		
139	28.9	5.8	8.8#
279	35.9	18.6	27.8#

Manual Integrations
APPROVED

Sohil
3/2/2018 3:32:13 PM



#91

Benzo(g,h,i)perylene

Concen: 5.013 ng/ul

RT: 26.20 min Scan# 3947

Delta R.T. 0.05 min

Lab File: BM014449.D

Acq: 02 Mar 2018 01:00

Tgt Ion:	276	Resp:	109111
Ion Ratio	Lower	Upper	
276	100		
138	16.3	8.5	12.7#
277	24.2	18.6	28.0

