

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
 Data File : BM012237.D
 Acq On : 17 Oct 2017 04:10
 Operator : SJ/JU
 Sample : I5548-17RE
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 C0AF7RE

Manual Integrations
 APPROVED

Sohil
 10/17/2017 5:13:53 PM

Quant Time: Oct 17 06:45:17 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 17 02:52:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	395530	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	1523967	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	779188	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.20	188	1507166	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	1729368	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	1890811	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	18180	2.18	ng/uL	0.00
5) Phenol-d5	6.96	99	428316	13.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.12	67	241520	12.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	391558	14.38	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	356506	12.90	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	185117	15.92	ng/ul	0.00
22) 2-Nitrophenol-d4	9.69	143	222265	16.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	416611	16.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	133134m	5.48	ng/ul	0.01
43) Dimethylphthalate-d6	13.86	166	1195762	17.36	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	1405233	16.86	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	104939	10.14	ng/ul	0.00
57) Fluorene-d10	15.44	176	925808	16.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.59	200	99170	9.59	ng/ul	0.00
70) Anthracene-d10	17.30	188	1304178	17.50	ng/ul	0.00
76) Pyrene-d10	19.59	212	1455589	16.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	1599242	17.54	ng/ul	0.02

Target Compounds

					Qvalue	
44) Dimethylphthalate	13.90	163	411685	5.967	ng/ul	99
47) Acenaphthylene	14.17	152	140648	1.718	ng/ul	94
69) Phenanthrene	17.24	178	588514	6.864	ng/ul	99
71) Anthracene	17.33	178	239666	2.700	ng/ul	96
74) Fluoranthene	19.26	202	1432787	13.847	ng/ul	98
77) Pyrene	19.62	202	1337364	11.710	ng/ul	98
80) Benzo(a)anthracene	21.37	228	856179	7.609	ng/ul#	91
82) Chrysene	21.42	228	905464	8.570	ng/ul#	90
85) Benzo(b)fluoranthene	23.00	252	1455508	11.796	ng/ul#	88
86) Benzo(k)fluoranthene	23.04	252	398561m	3.352	ng/ul	
88) Benzo(a)pyrene	23.60	252	1105332	9.504	ng/ul#	89
89) Indeno(1,2,3-cd)pyrene	26.08	276	867669	7.026	ng/ul	97
90) Dibenzo(a,h)anthracene	26.07	278	217489	2.095	ng/ul#	61
91) Benzo(g,h,i)perylene	26.81	276	870131	8.602	ng/ul	93

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

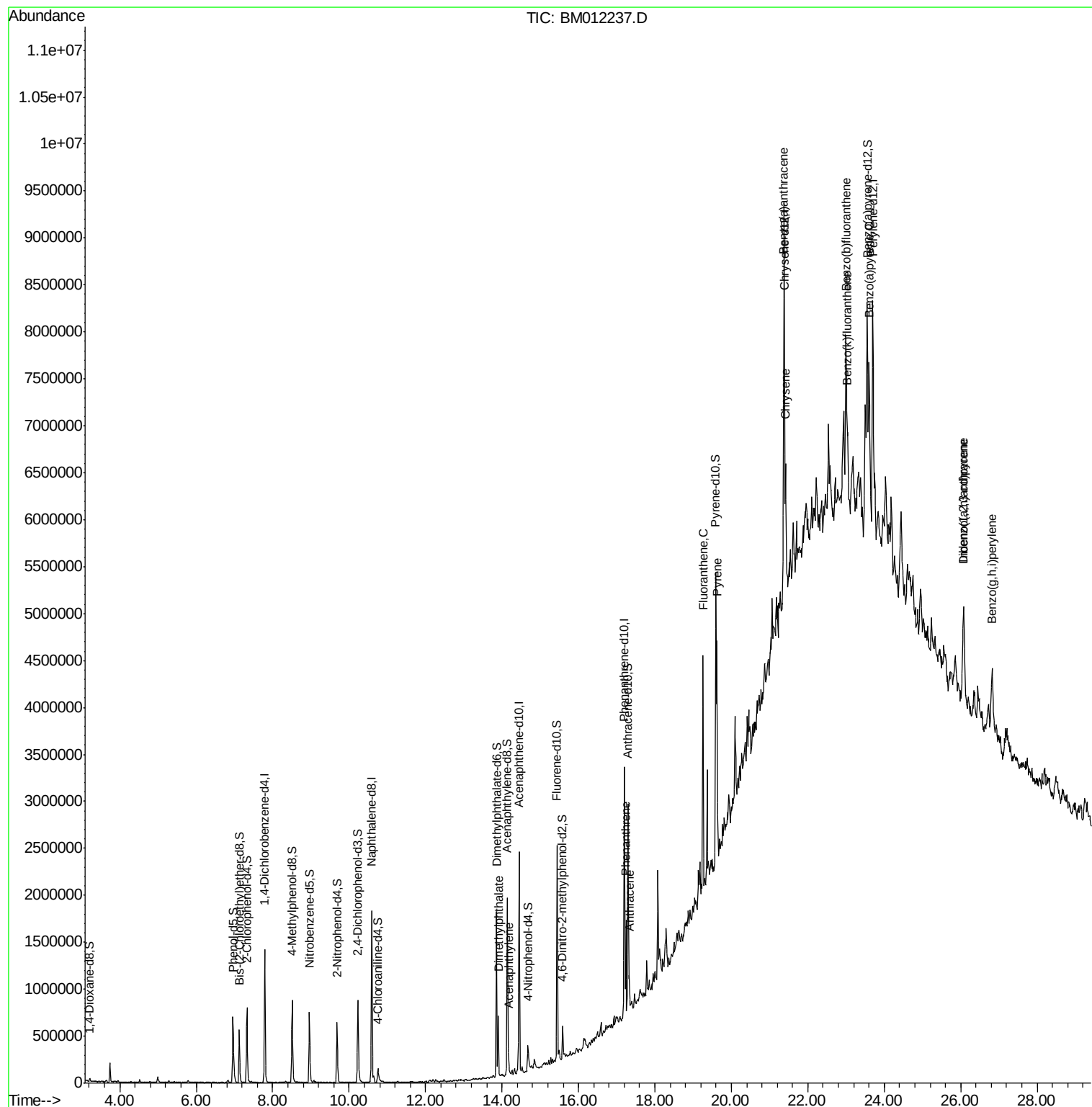
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101617\
Data File : BM012237.D
Acq On : 17 Oct 2017 04:10
Operator : SJ/JU
Sample : I5548-17RE
Misc :
ALS Vial : 22 Sample Multiplier: 1

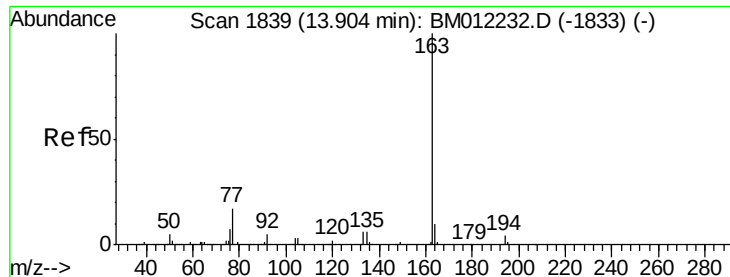
Instrument :
BNA_M
ClientSampled :
C0AF7RE

Quant Time: Oct 17 06:45:17 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
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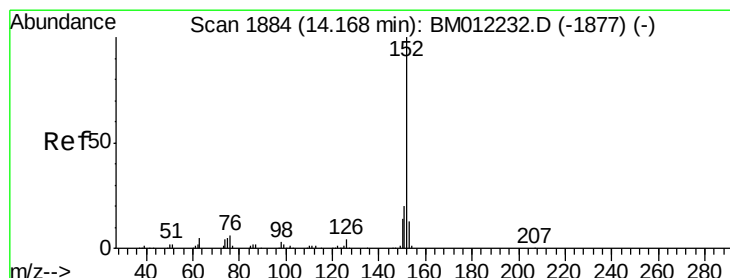
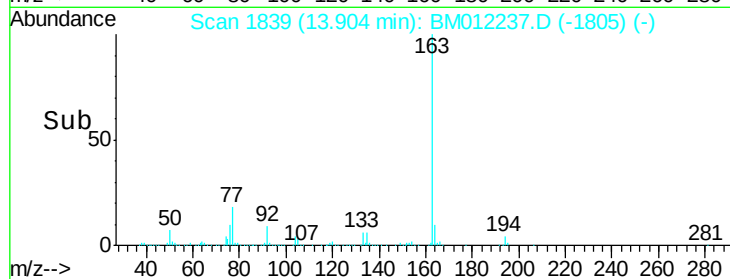
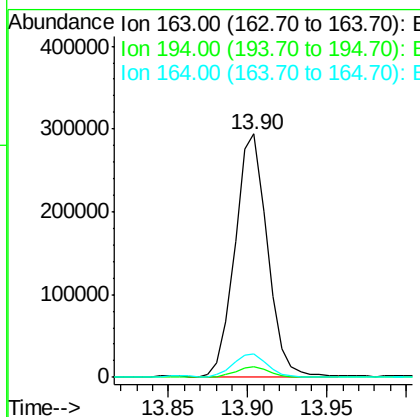
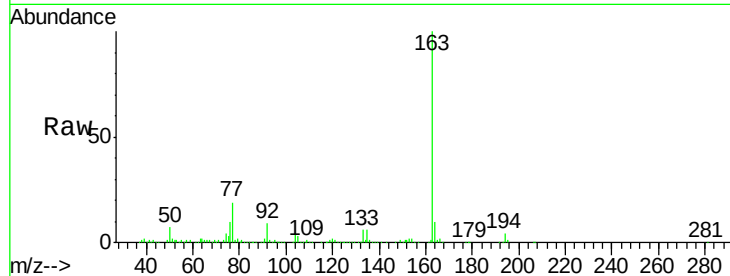
#44
Dimethylphthalate
Concen: 5.967 ng/ul
RT: 13.90 min Scan# 1839
Delta R.T. 0.00 min
Lab File: BM012237.D
Acq: 17 Oct 2017 04:10

Instrument :
BNA_M
ClientSampleId :
C0AF7RE

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	411685		
194	4.4	3.7	5.5	
164	9.8	8.1	12.1	

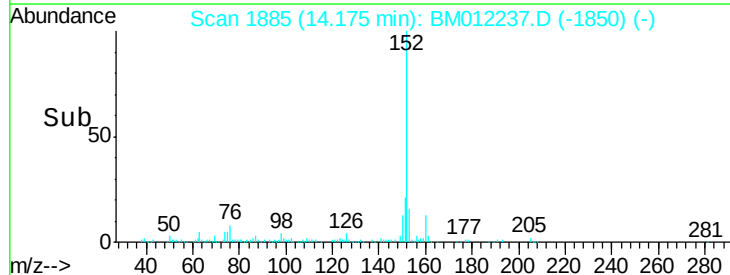
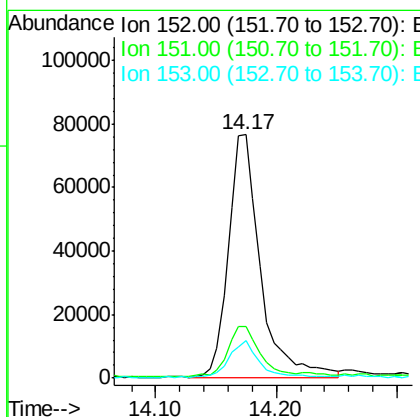
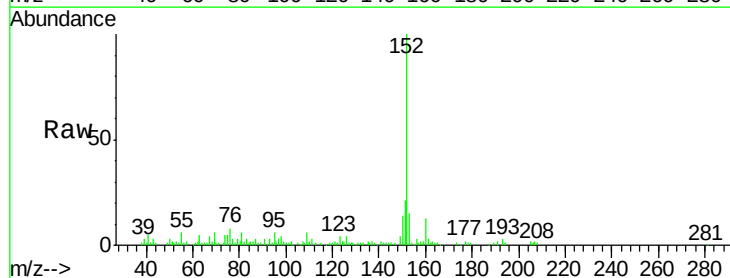
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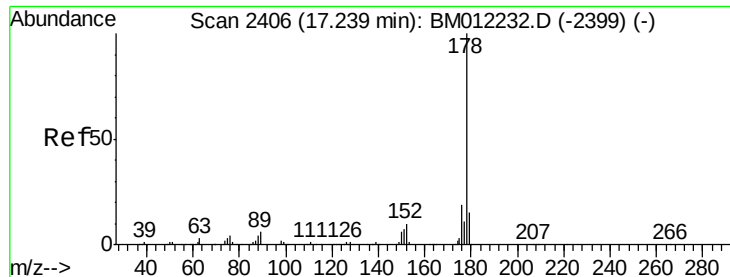
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#47
Acenaphthylene
Concen: 1.718 ng/ul
RT: 14.17 min Scan# 1885
Delta R.T. 0.01 min
Lab File: BM012237.D
Acq: 17 Oct 2017 04:10

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	140648		
151	21.4	15.3	22.9	
153	15.5	10.4	15.6	





#69

Phenanthrene

Concen: 6.864 ng/ul

RT: 17.24 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BM012237.D

Acq: 17 Oct 2017 04:10

Instrument :

BNA_M

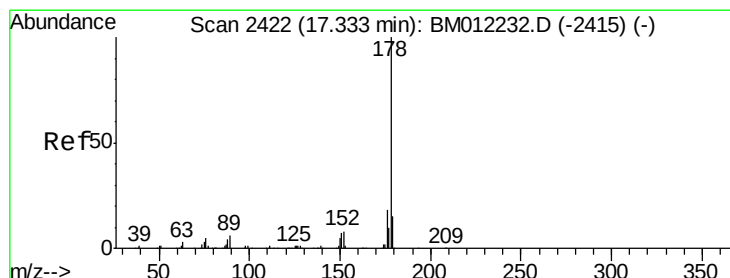
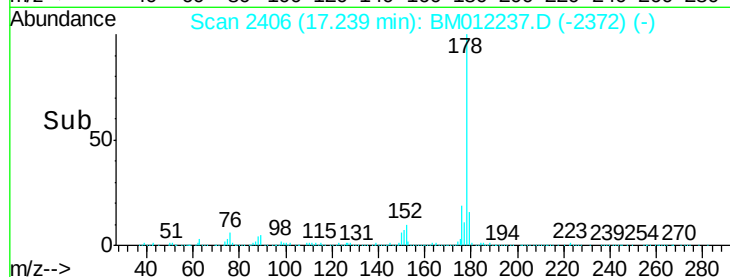
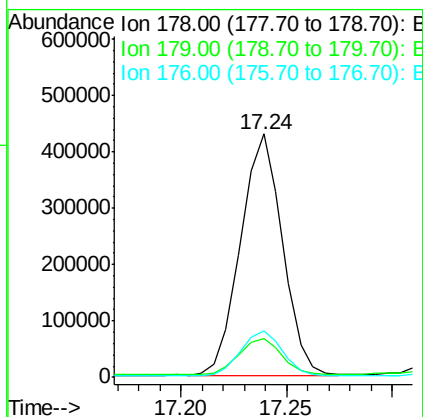
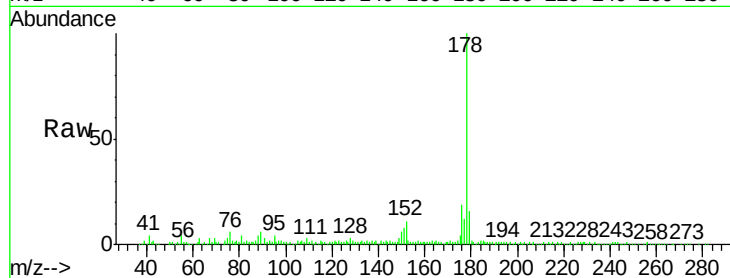
ClientSampleId :

C0AF7RE

Tgt Ion:	178	Resp:	588514
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.0	18.0
176	18.9	15.0	22.6

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#71

Anthracene

Concen: 2.700 ng/ul

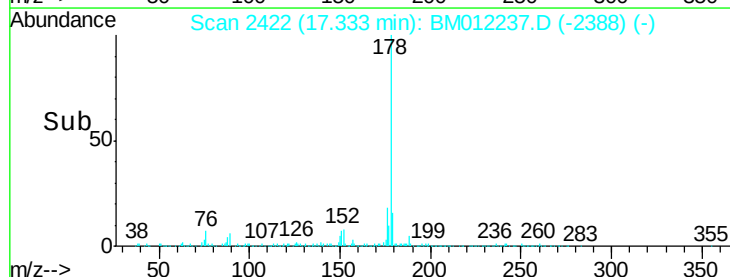
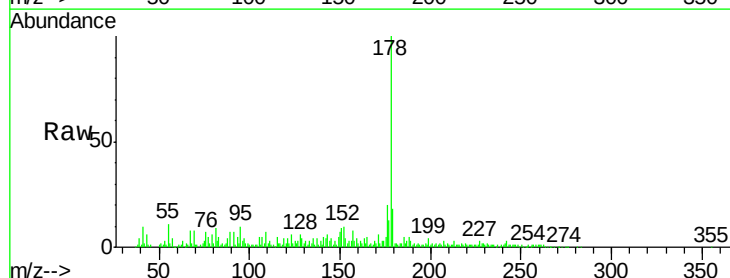
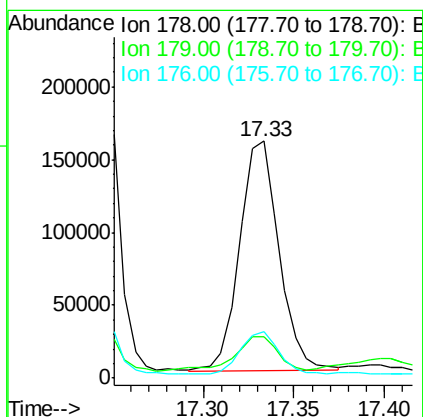
RT: 17.33 min Scan# 2422

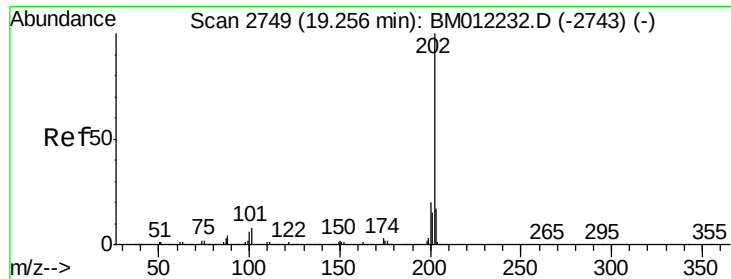
Delta R.T. 0.00 min

Lab File: BM012237.D

Acq: 17 Oct 2017 04:10

Tgt Ion:	178	Resp:	239666
Ion Ratio	Lower	Upper	
178	100		
179	17.7	12.2	18.4
176	19.5	14.7	22.1





#74

Fluoranthene

Concen: 13.847 ng/ul

RT: 19.26 min Scan# 2749

Delta R.T. 0.00 min

Lab File: BM012237.D

Acq: 17 Oct 2017 04:10

Instrument :

BNA_M

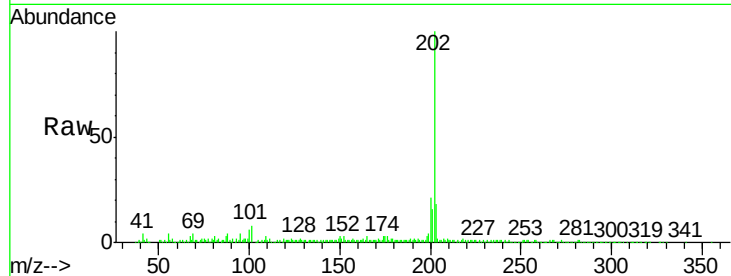
ClientSampled :

C0AF7RE

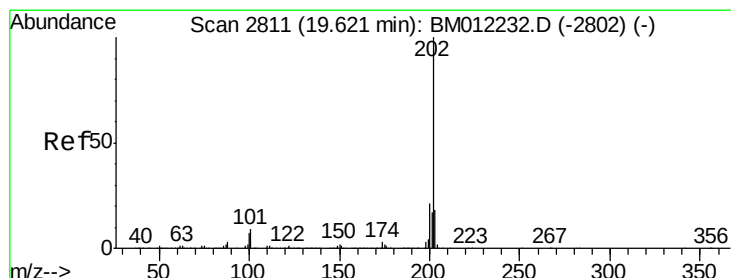
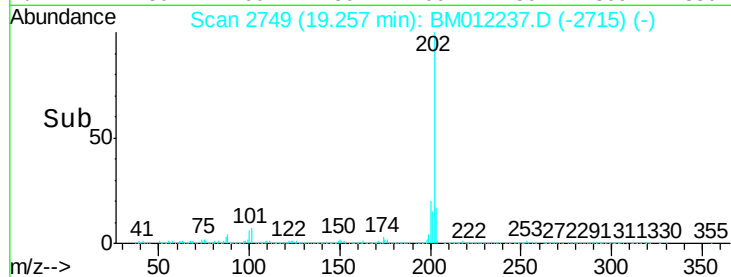
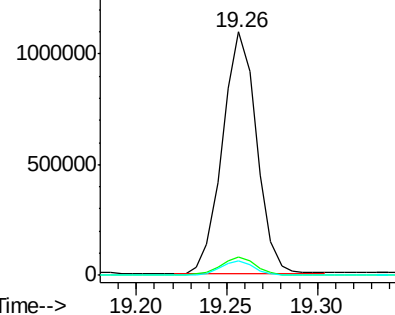
Tgt	Ion:202	Resp: 1432787	
Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.8	8.6
100	6.1	4.3	6.5

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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: 11.710 ng/ul

RT: 19.62 min Scan# 2811

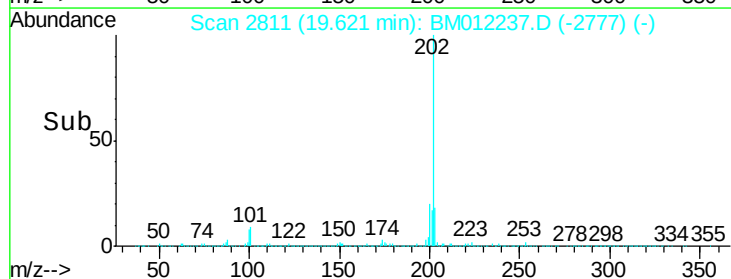
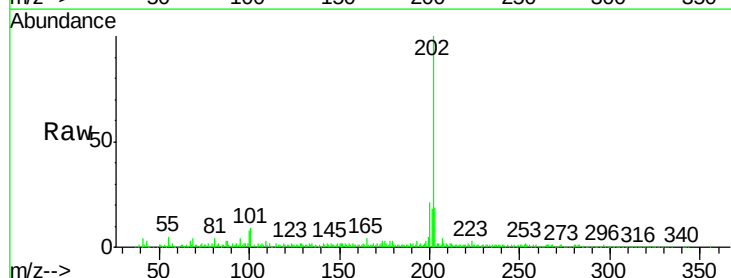
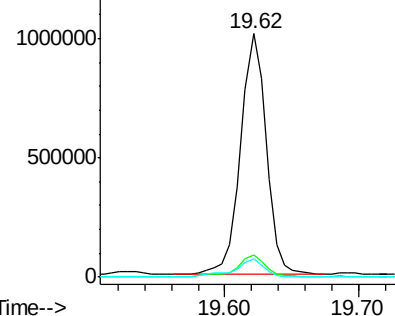
Delta R.T. 0.00 min

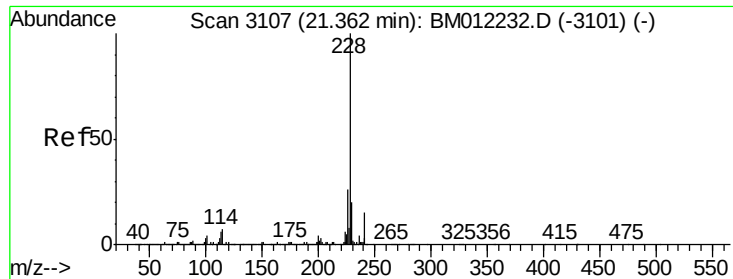
Lab File: BM012237.D

Acq: 17 Oct 2017 04:10

Tgt	Ion:202	Resp: 1337364	
Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.5	9.7
100	7.7	5.6	8.4

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: 7.609 ng/ul

RT: 21.37 min Scan# 3108

Delta R.T. 0.01 min

Lab File: BM012237.D

Acq: 17 Oct 2017 04:10

Instrument :

BNA_M

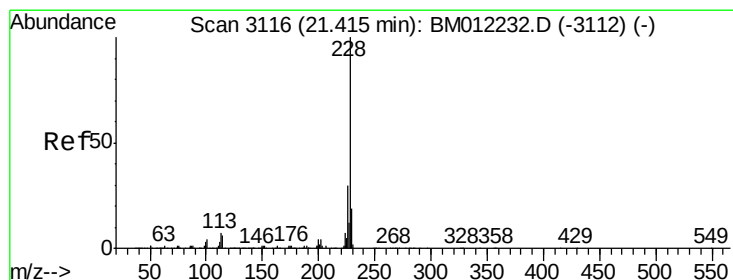
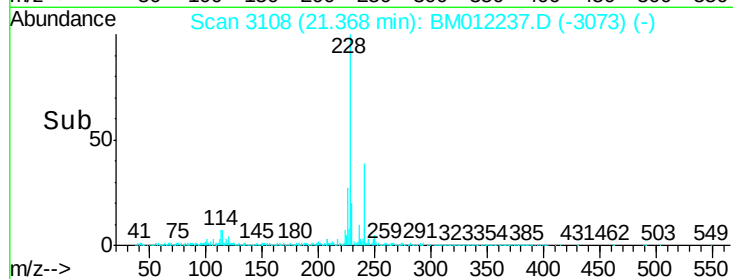
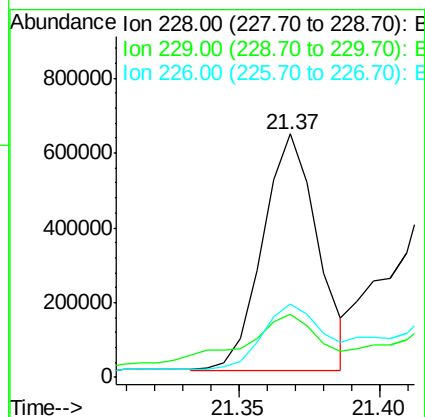
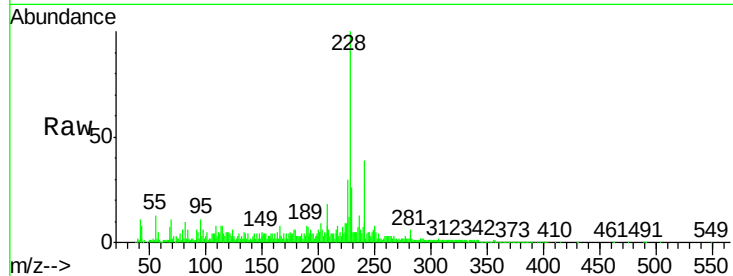
ClientSampleId :

C0AF7RE

Tgt Ion:	228	Resp:	856179
Ion Ratio	Lower	Upper	
228	100		
229	25.9	15.8	23.8#
226	29.9	21.4	32.2

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#82

Chrysene

Concen: 8.570 ng/ul

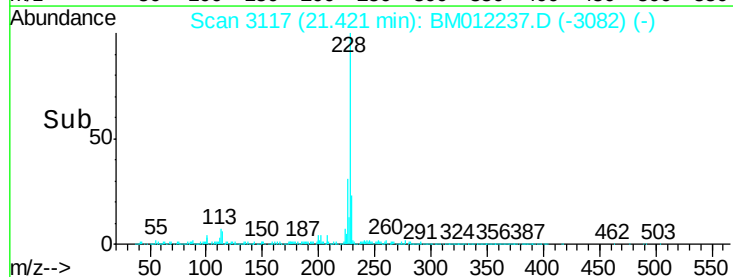
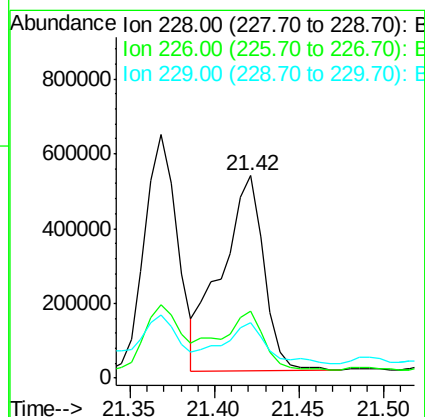
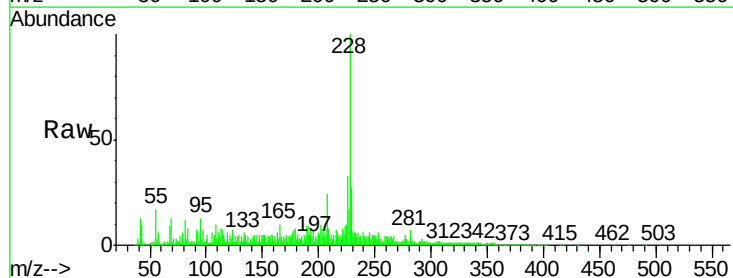
RT: 21.42 min Scan# 3117

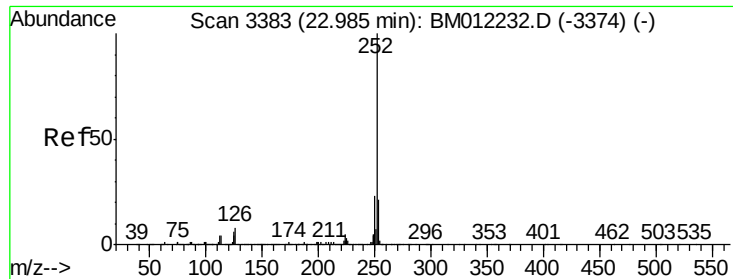
Delta R.T. 0.01 min

Lab File: BM012237.D

Acq: 17 Oct 2017 04:10

Tgt Ion:	228	Resp:	905464
Ion Ratio	Lower	Upper	
228	100		
226	32.9	24.0	36.0
229	27.5	15.5	23.3#





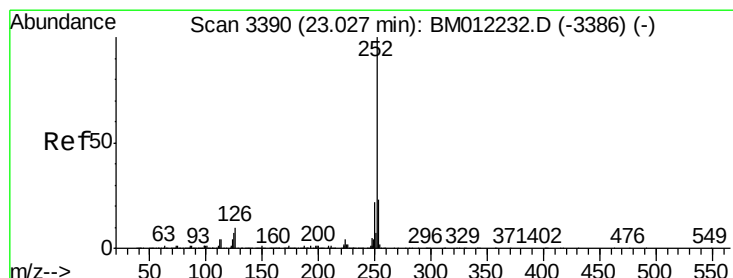
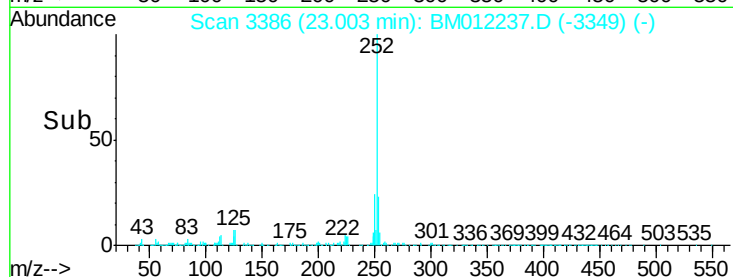
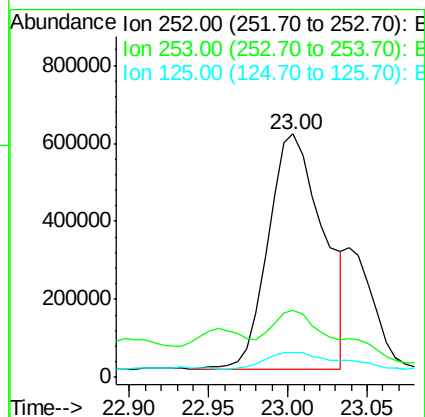
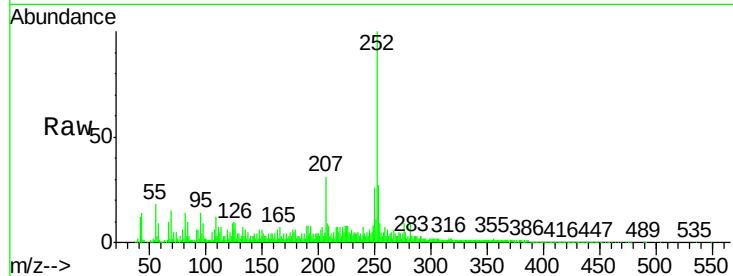
#85
Benzo(b)fluoranthene
Concen: 11.796 ng/ul
RT: 23.00 min Scan# 3386
Delta R.T. 0.02 min
Lab File: BM012237.D
Acq: 17 Oct 2017 04:10

Instrument :
BNA_M
ClientSampleId :
C0AF7RE

Tgt Ion	Ratio	Lower	Upper
252	100		
253	27.4	17.4	26.2#
125	10.4	5.1	7.7#

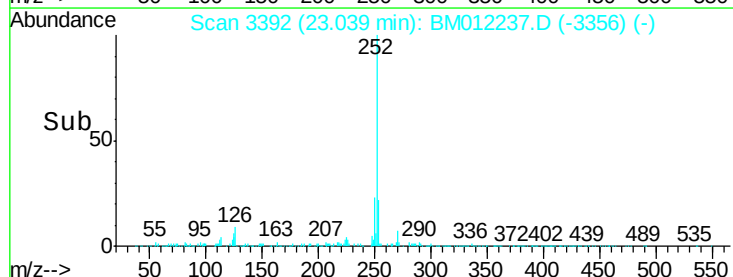
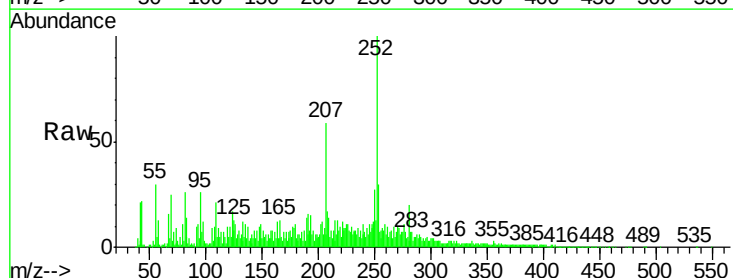
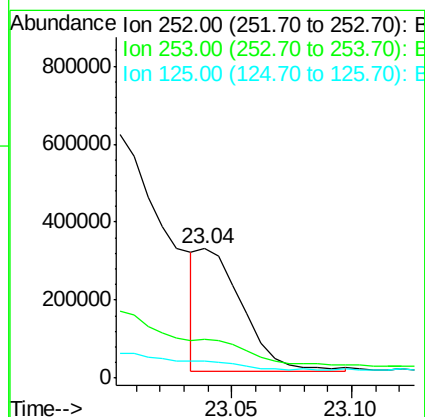
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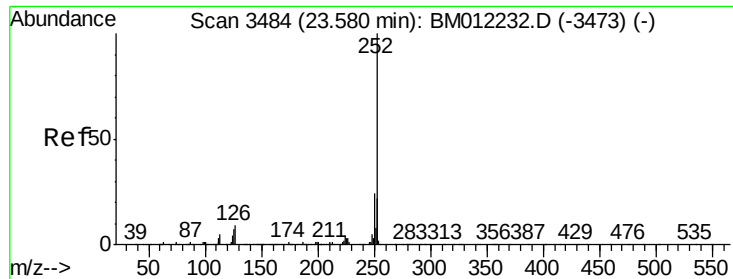
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#86
Benzo(k)fluoranthene
Concen: 3.352 ng/ul m
RT: 23.04 min Scan# 3392
Delta R.T. 0.01 min
Lab File: BM012237.D
Acq: 17 Oct 2017 04:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	30.3	17.8	26.6#
125	12.9	4.9	7.3#





#88

Benzo(a)pyrene

Concen: 9.504 ng/ul

RT: 23.60 min Scan# 3488

Delta R.T. 0.02 min

Lab File: BM012237.D

Acq: 17 Oct 2017 04:10

Instrument :

BNA_M

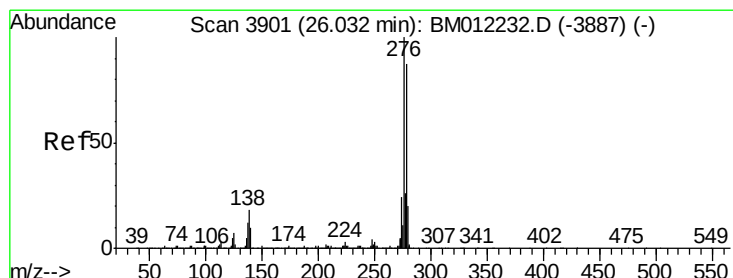
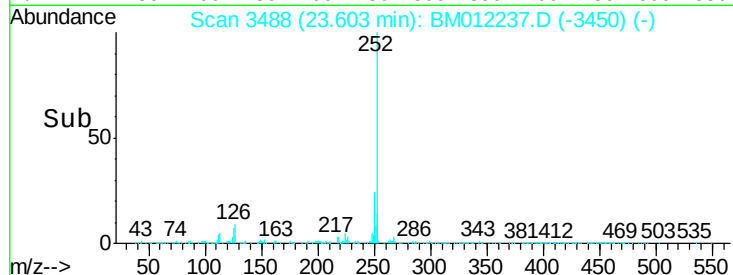
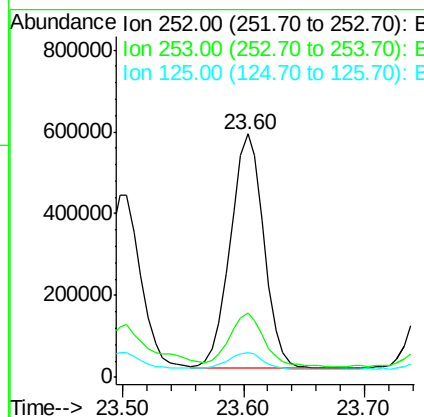
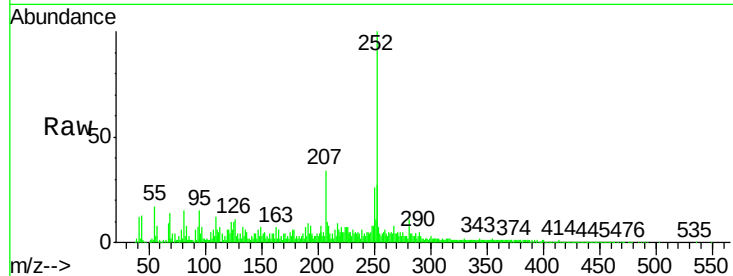
ClientSampleId :

C0AF7RE

Tgt Ion:	252	Resp:	1105332
Ion Ratio	Lower	Upper	
252	100		
253	26.6	17.1	25.7#
125	10.2	5.2	7.8#

Manual Integrations
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#89

Indeno(1,2,3-cd)pyrene

Concen: 7.026 ng/ul

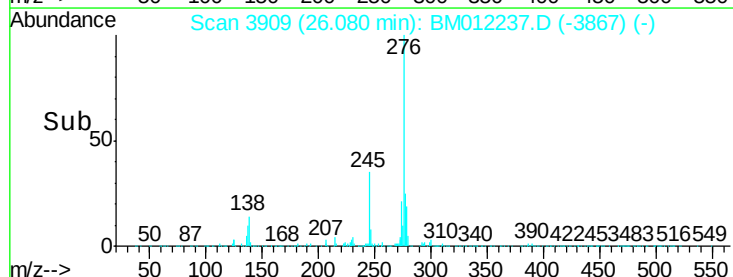
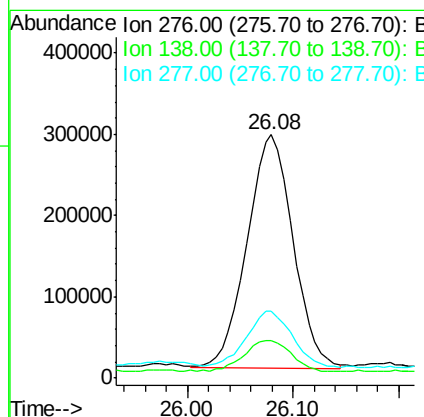
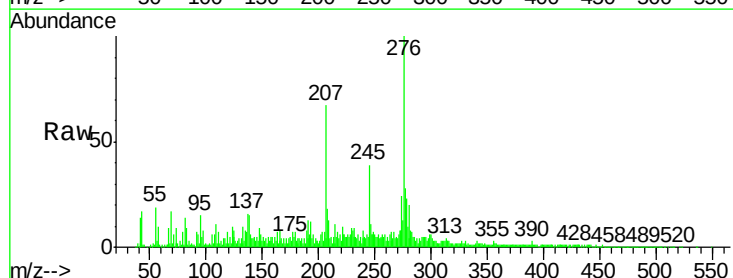
RT: 26.08 min Scan# 3909

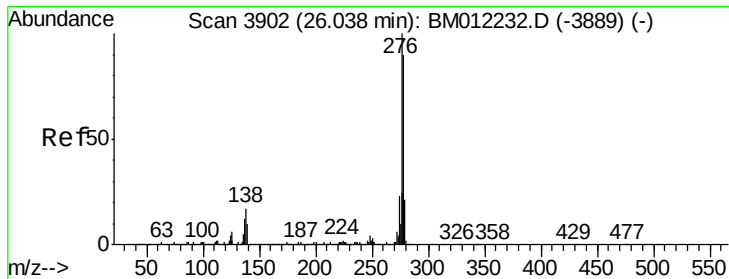
Delta R.T. 0.05 min

Lab File: BM012237.D

Acq: 17 Oct 2017 04:10

Tgt Ion:	276	Resp:	867669
Ion Ratio	Lower	Upper	
276	100		
138	15.3	13.2	19.8
277	27.6	20.6	31.0





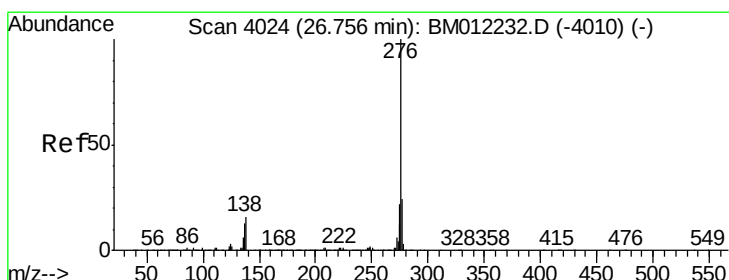
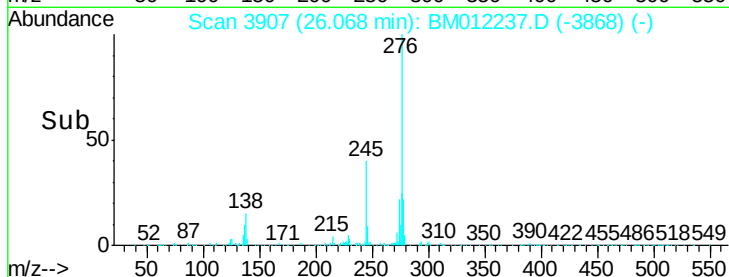
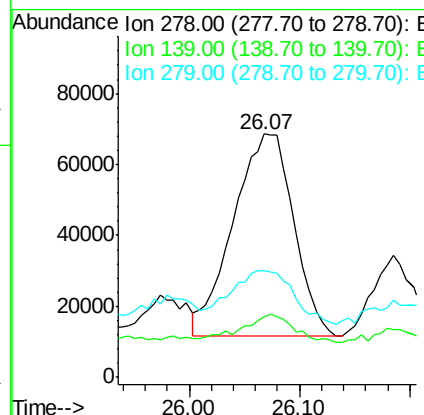
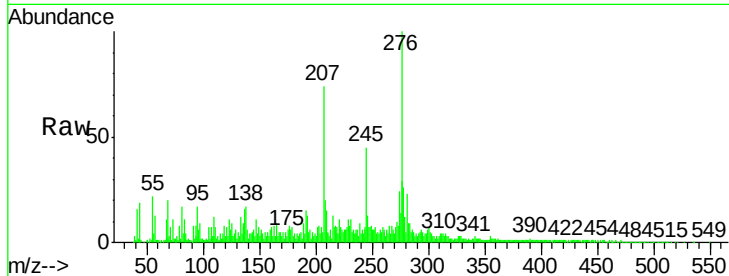
#90
Dibenzo(a,h)anthracene
Concen: 2.095 ng/ul
RT: 26.07 min Scan# 3907
Delta R.T. 0.03 min
Lab File: BM012237.D
Acq: 17 Oct 2017 04:10

Instrument :
BNA_M
ClientSampleId :
C0AF7RE

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	217489		
139	24.6	8.3	12.5#	
279	43.9	19.3	28.9#	

Manual Integrations
APPROVED

Sohil
10/17/2017 5:13:53 PM



#91
Benzo(g,h,i)perylene
Concen: 8.602 ng/ul
RT: 26.81 min Scan# 4034
Delta R.T. 0.06 min
Lab File: BM012237.D
Acq: 17 Oct 2017 04:10

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	870131		
138	15.2	10.7	16.1	
277	27.6	19.0	28.4	

