

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
 Data File : BM012060.D
 Acq On : 11 Oct 2017 02:02
 Operator : SJ/JU
 Sample : I5669-13
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CB3M0

Manual Integrations
 APPROVED

Sohil
 10/11/2017 7:29:35 PM

Quant Time: Oct 11 03:50:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 11 02:39:56 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	302425	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1306007	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	788450	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1874317	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	2188241	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1872930	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	16621m	2.60	ng/uL	0.00
5) Phenol-d5	7.00	99	338931	13.03	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	261104	16.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	316633	15.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	315699	14.04	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	174440	18.76	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	129476	12.36	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	296917	14.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	52859	2.29	ng/ul	0.01
43) Dimethylphthalate-d6	13.90	166	1159696	16.97	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1636262	20.38	ng/ul	0.00
51) 4-Nitrophenol-d4	14.71	143	19602m	1.64	ng/ul	0.02
57) Fluorene-d10	15.48	176	1202954	19.95	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	23497	1.86	ng/ul	0.00
70) Anthracene-d10	17.33	188	1873817	20.29	ng/ul	0.00
76) Pyrene-d10	19.63	212	2337634	23.68	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	1903307	21.12	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.69	128	248782	3.797	ng/ul	98
34) 2-Methylnaphthalene	12.31	142	78130	1.564	ng/ul	99
44) Dimethylphthalate	13.94	163	323823	4.926	ng/ul	99
49) Acenaphthene	14.55	153	376368	6.986	ng/ul	98
53) Dibenzofuran	14.89	168	248588	3.179	ng/ul	98
58) Fluorene	15.54	166	352535	5.399	ng/ul	97
69) Phenanthrene	17.28	178	3926135	38.081	ng/ul	99
71) Anthracene	17.37	178	859577	8.194	ng/ul	99
72) Carbazole	17.64	167	436007	4.798	ng/ul	99
74) Fluoranthene	19.29	202	5371899	42.704	ng/ul#	90
77) Pyrene	19.66	202	4287040	35.333	ng/ul#	89
80) Benzo(a)anthracene	21.40	228	2561091	20.430	ng/ul	98
82) Chrysene	21.44	228	2362738	19.837	ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	2714277	23.842	ng/ul#	97
86) Benzo(k)fluoranthene	23.06	252	948891m	8.349	ng/ul	
88) Benzo(a)pyrene	23.63	252	1653496	15.116	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.09	276	941115	8.040	ng/ul#	93
90) Dibenzo(a,h)anthracene	26.09	278	268688	2.793	ng/ul#	93
91) Benzo(g,h,i)perylene	26.82	276	736940	7.611	ng/ul#	93

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

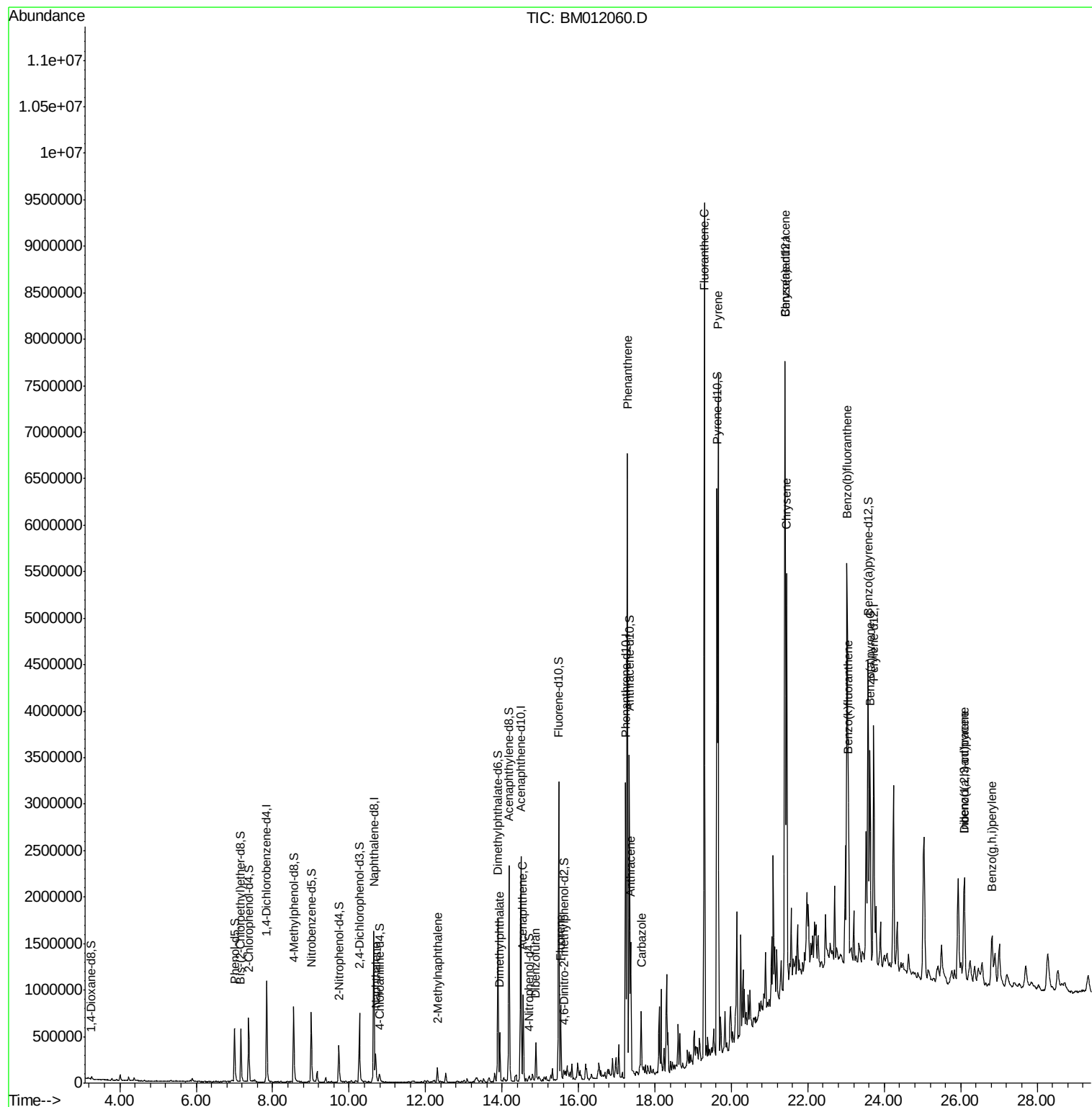
Data Path : Z:\HPCHEM1\BNA M\DATA\BM101017\
Data File : BM012060.D
Acq On : 11 Oct 2017 02:02
Operator : SJ/JU
Sample : I5669-13
Misc :
ALS Vial : 21 Sample Multiplier: 1

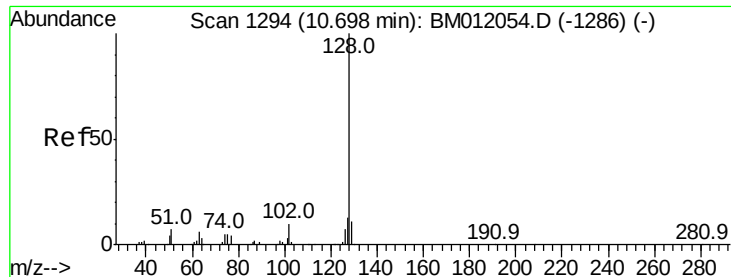
Instrument :
BNA_M
ClientSampleId :
CB3M0

Quant Time: Oct 11 03:50:31 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
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#28

Naphthalene

Concen: 3.797 ng/ul

RT: 10.69 min Scan# 1293

Delta R.T. -0.01 min

Lab File: BM012060.D

Acq: 11 Oct 2017 02:02

Instrument :

BNA_M

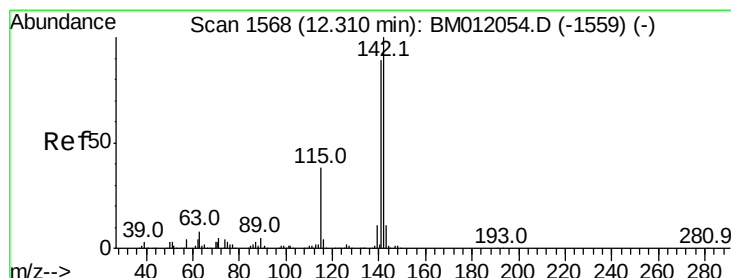
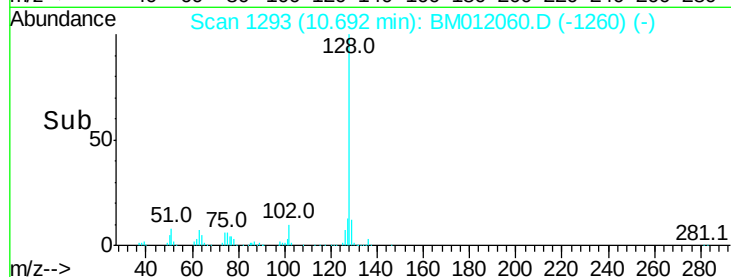
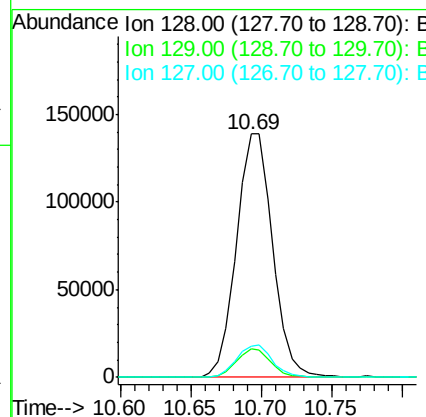
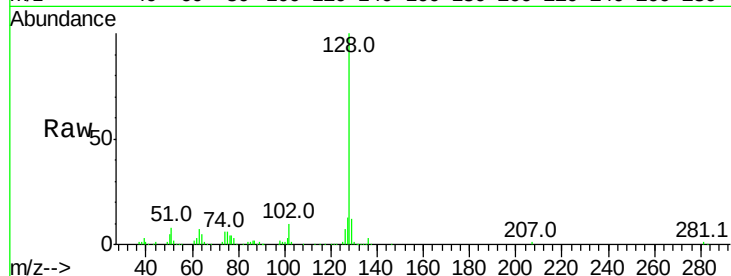
ClientSampled :

CB3M0

Tot Ion:128	Resp:	248782
Ion Ratio	Lower	Upper
128 100		
129 11.8	8.8	13.2
127 12.9	10.6	16.0

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#34

2-Methylnaphthalene

Concen: 1.564 ng/ul

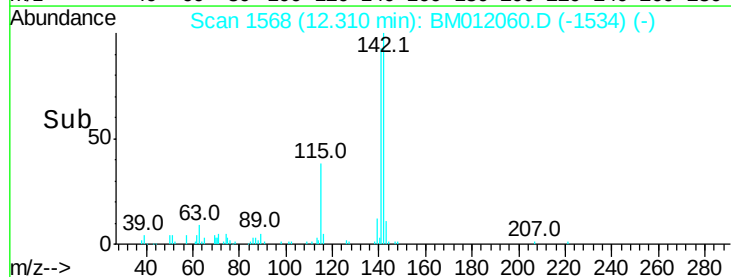
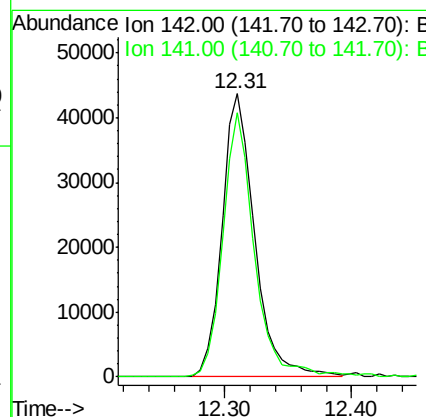
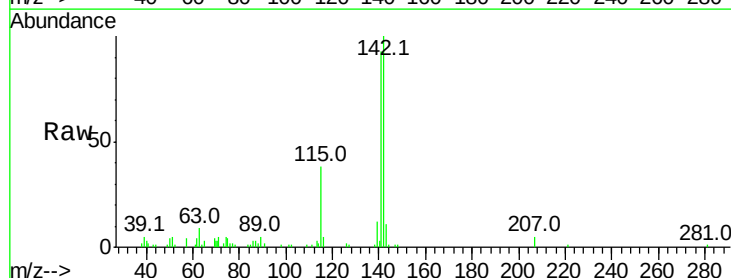
RT: 12.31 min Scan# 1568

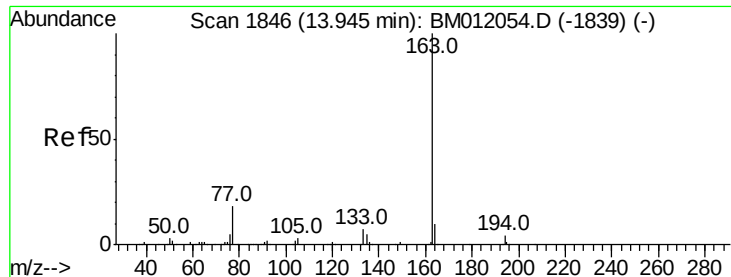
Delta R.T. 0.00 min

Lab File: BM012060.D

Acq: 11 Oct 2017 02:02

Tgt Ion:142	Resp:	78130
Ion Ratio	Lower	Upper
142 100		
141 93.2	74.1	111.1





#44

Dimethylphthalate

Concen: 4.926 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BM012060.D

Acq: 11 Oct 2017 02:02

Instrument :

BNA_M

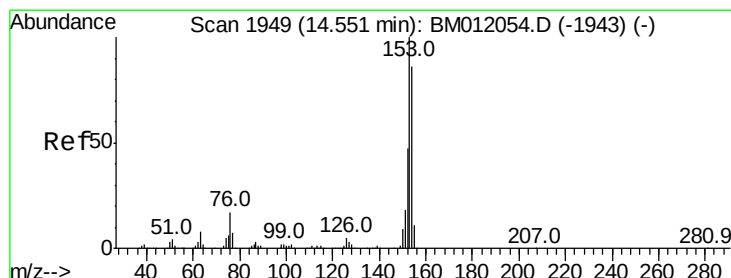
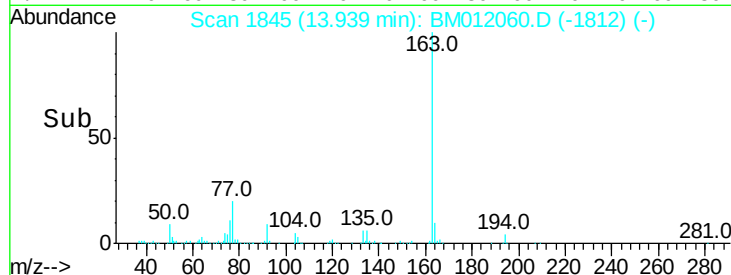
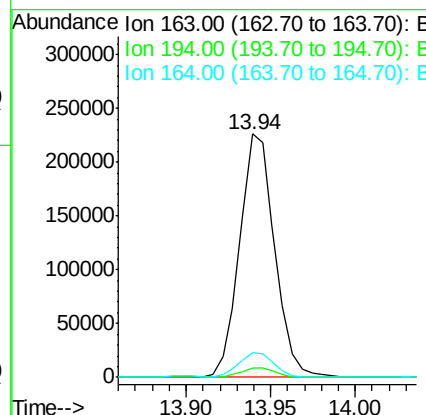
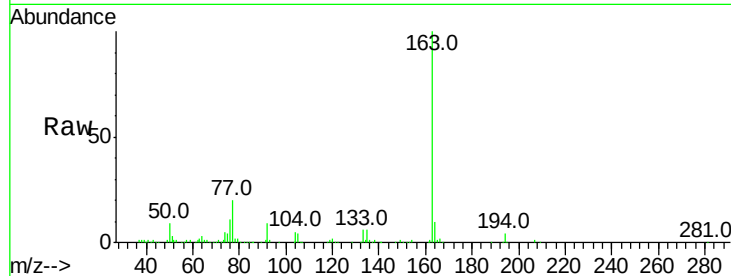
ClientSampleId :

CB3M0

Tot Ion:	163	Resp:	323823
Ion Ratio	Lower	Upper	
163	100		
194	4.1	3.5	5.3
164	9.9	8.2	12.4

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#49

Acenaphthene

Concen: 6.986 ng/ul

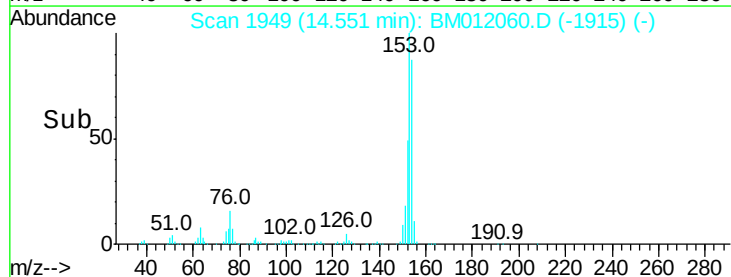
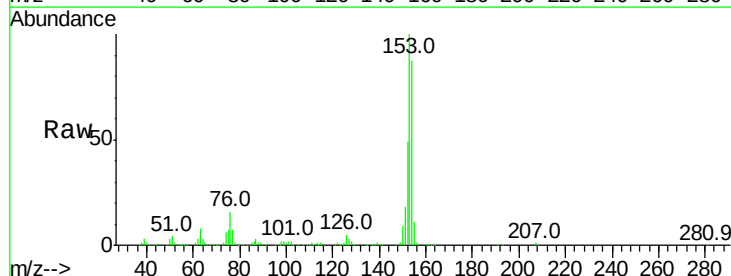
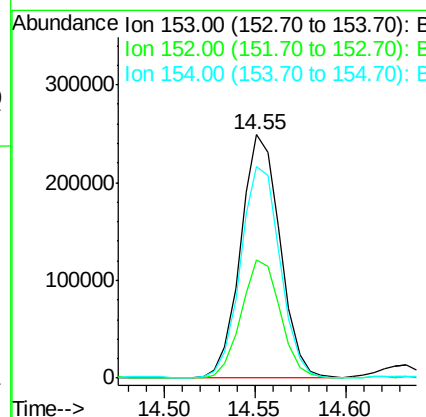
RT: 14.55 min Scan# 1949

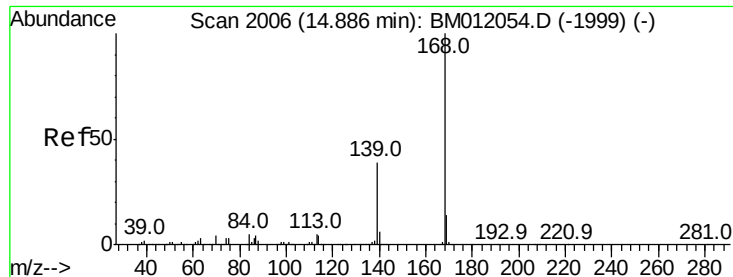
Delta R.T. 0.00 min

Lab File: BM012060.D

Acq: 11 Oct 2017 02:02

Tgt Ion:	153	Resp:	376368
Ion Ratio	Lower	Upper	
153	100		
152	48.6	37.6	56.4
154	87.1	70.4	105.6





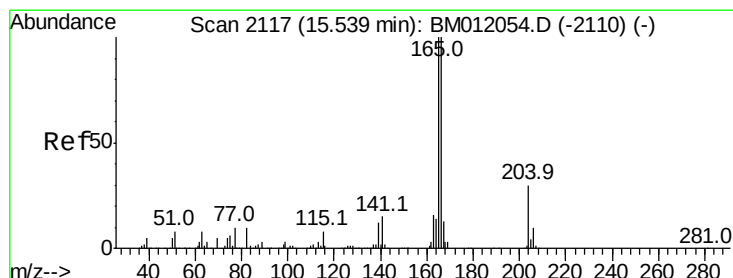
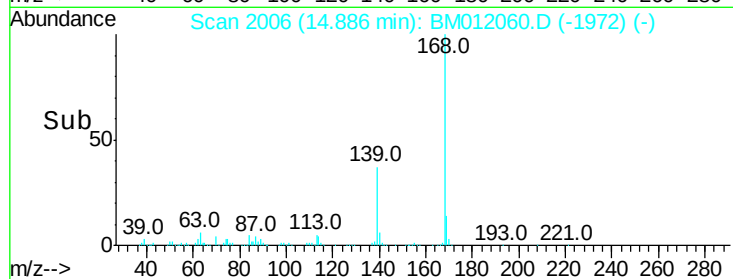
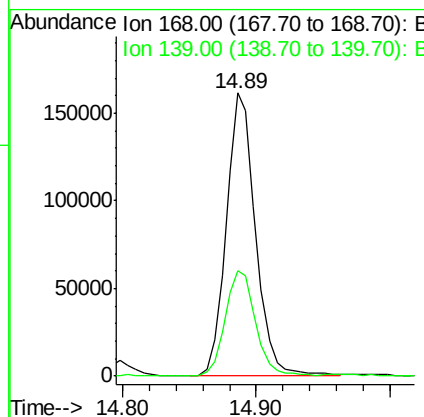
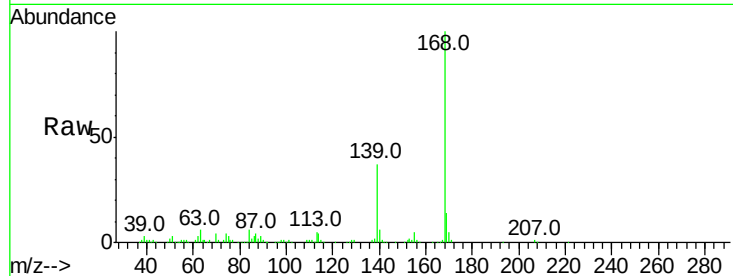
#53
Dibenzenofuran
Concen: 3.179 ng/ul
RT: 14.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BM012060.D
Acq: 11 Oct 2017 02:02

Instrument :
BNA_M
ClientSampleId :
CB3M0

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.4	30.8	46.2

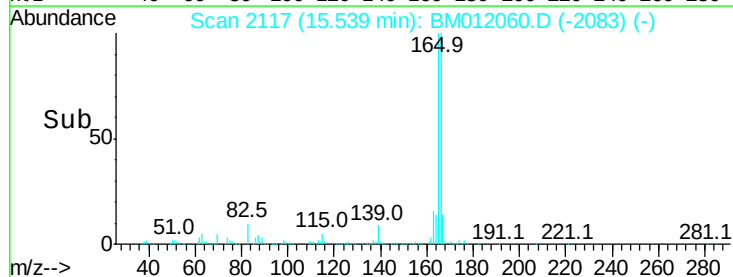
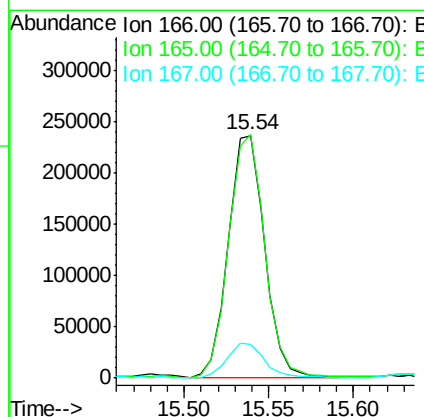
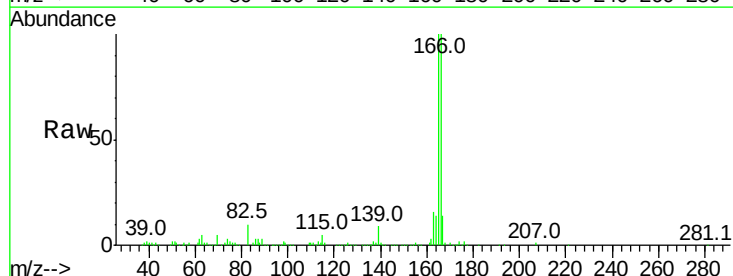
Manual Integrations
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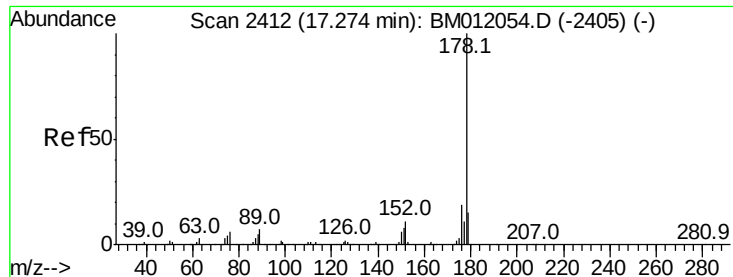
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#58
Fluorene
Concen: 5.399 ng/ul
RT: 15.54 min Scan# 2117
Delta R.T. 0.00 min
Lab File: BM012060.D
Acq: 11 Oct 2017 02:02

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.4	77.9	116.9
167	14.0	10.6	16.0





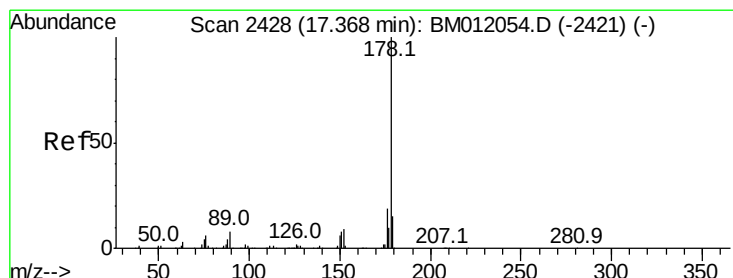
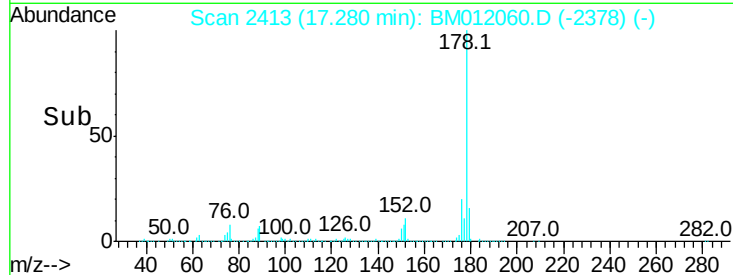
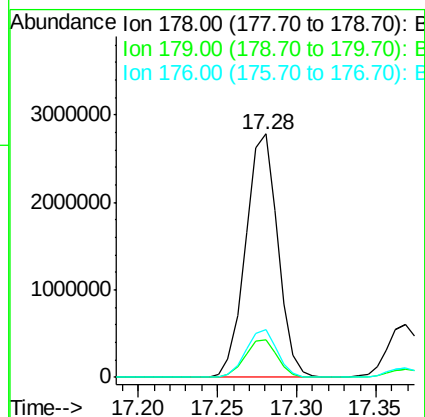
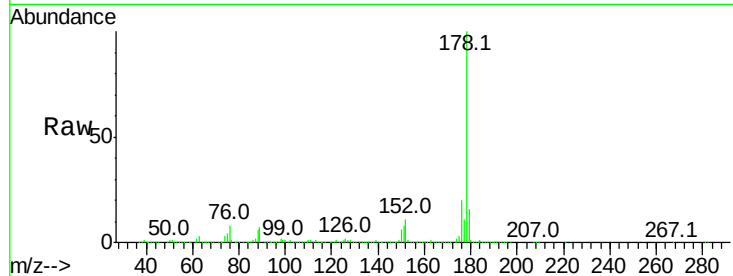
#69
 Phenanthrene
 Concen: 38.081 ng/ul
 RT: 17.28 min Scan# 2413
 Delta R.T. 0.01 min
 Lab File: BM012060.D
 Acq: 11 Oct 2017 02:02

Instrument :
 BNA_M
 ClientSampleId :
 CB3M0

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	19.5	14.9	22.3

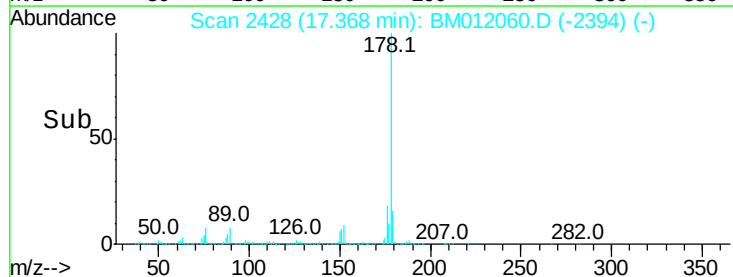
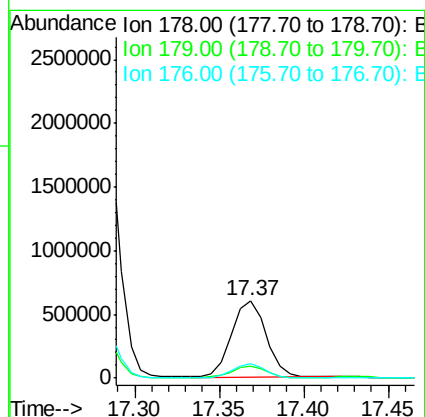
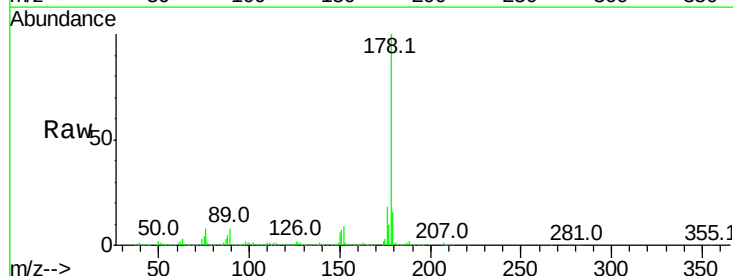
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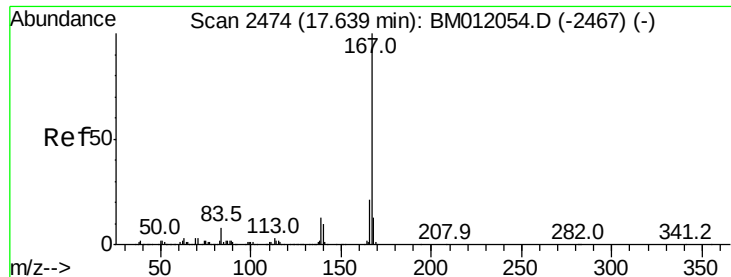
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#71
 Anthracene
 Concen: 8.194 ng/ul
 RT: 17.37 min Scan# 2428
 Delta R.T. 0.00 min
 Lab File: BM012060.D
 Acq: 11 Oct 2017 02:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.7	17.5
176	18.4	14.6	21.8





#72

Carbazole

Concen: 4.798 ng/ul

RT: 17.64 min Scan# 2474

Delta R.T. 0.00 min

Lab File: BM012060.D

Acq: 11 Oct 2017 02:02

Instrument :

BNA_M

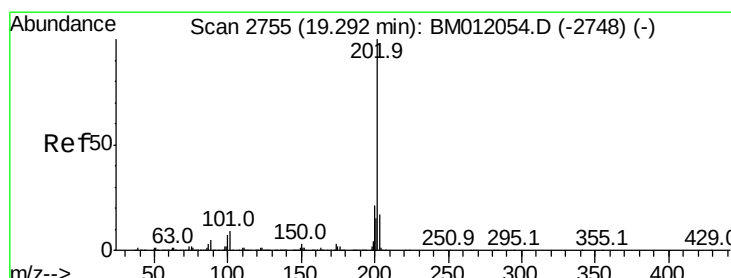
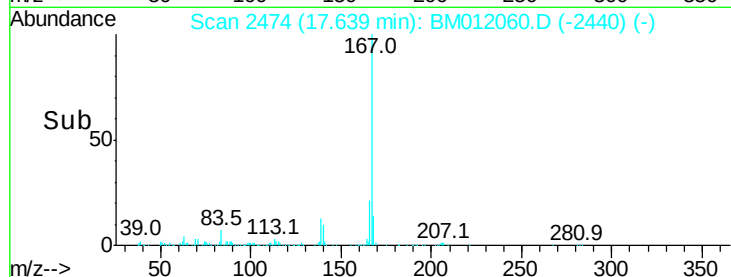
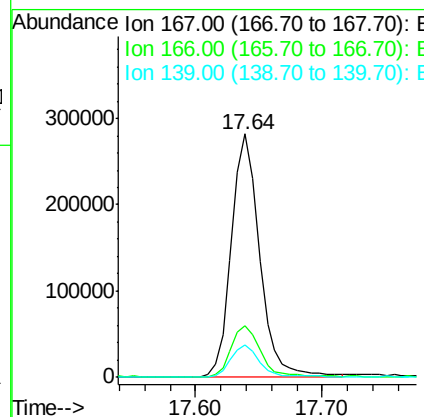
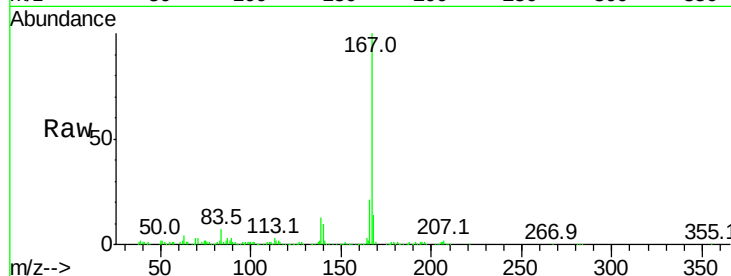
ClientSampleId :

CB3M0

Tot Ion:	167	Resp:	436007
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.1	25.7
139	13.3	10.0	15.0

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#74

Fluoranthene

Concen: 42.704 ng/ul

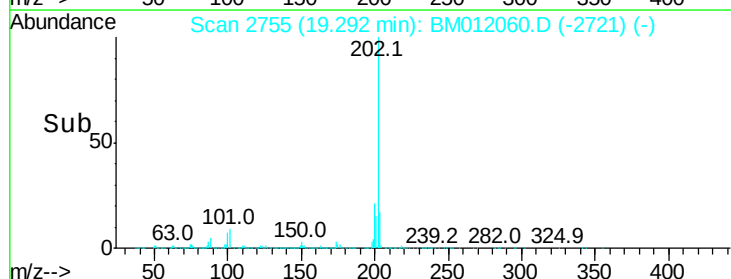
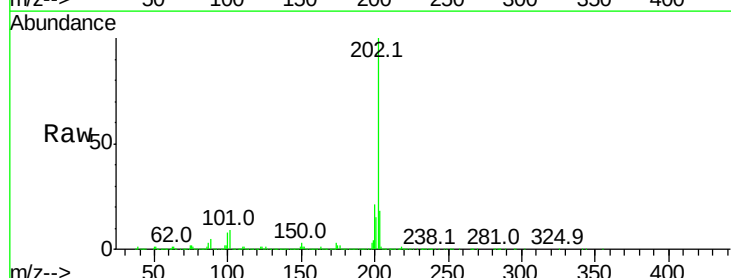
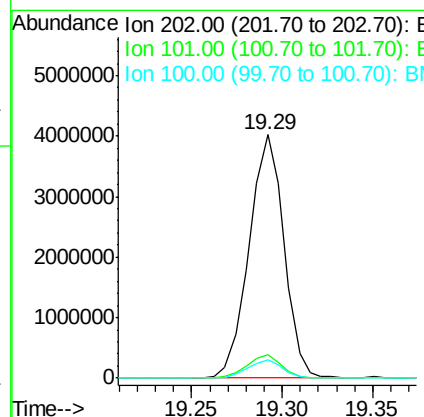
RT: 19.29 min Scan# 2755

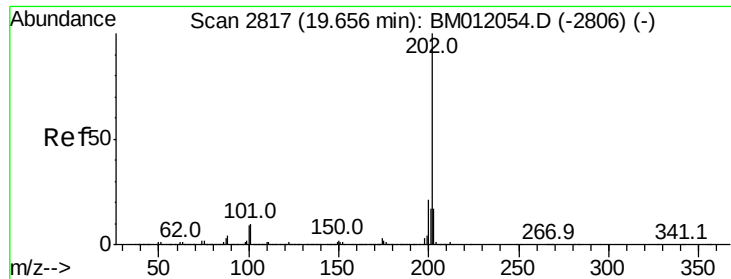
Delta R.T. 0.00 min

Lab File: BM012060.D

Acq: 11 Oct 2017 02:02

Tgt Ion:	202	Resp:	5371899
Ion Ratio	Lower	Upper	
202	100		
101	9.4	4.6	7.0#
100	7.5	3.4	5.2#





#77

Pvrene

Concen: 35.333 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BM012060.D

Acq: 11 Oct 2017 02:02

Instrument :

BNA_M

ClientSampleId :

CB3M0

Tot Ion:202 Resp: 4287040

Ion Ratio Lower Upper

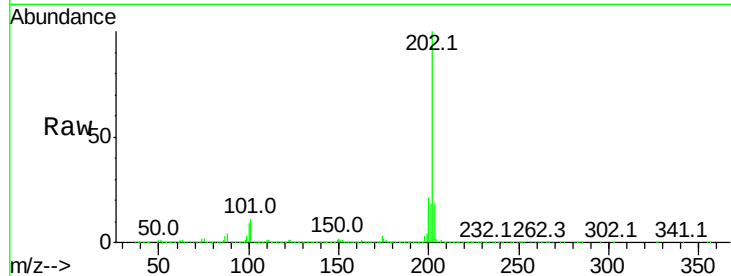
202 100

101 10.8 5.1 7.7#

100 9.0 4.9 7.3#

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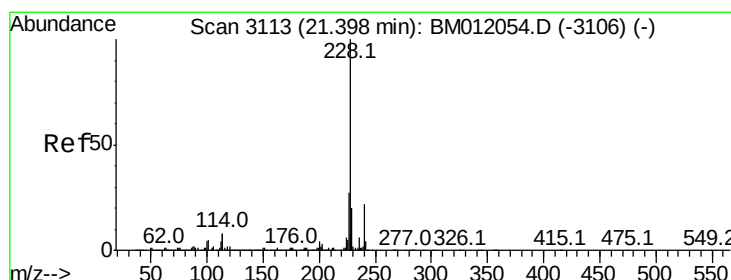
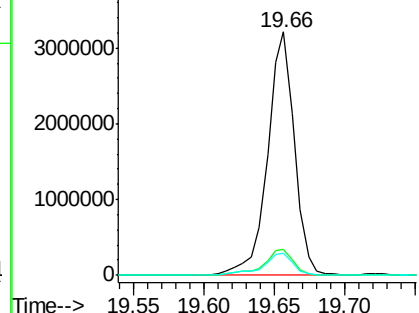
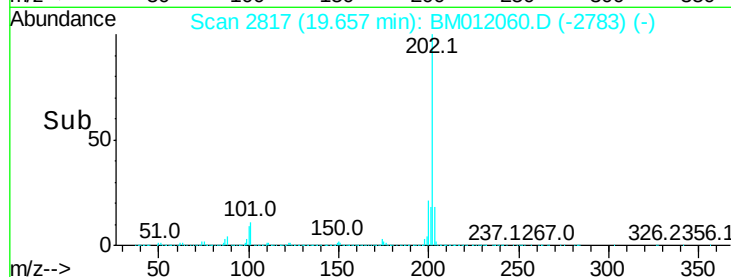
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 20.430 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM012060.D

Acq: 11 Oct 2017 02:02

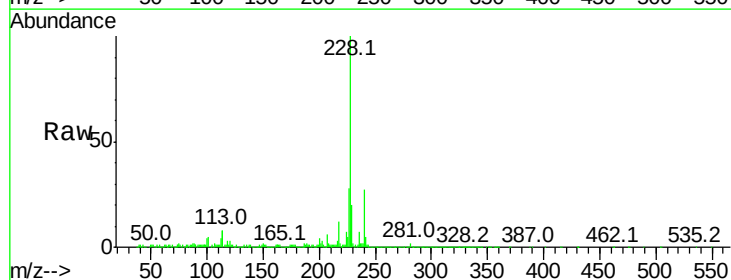
Tgt Ion:228 Resp: 2561091

Ion Ratio Lower Upper

228 100

229 20.1 15.4 23.0

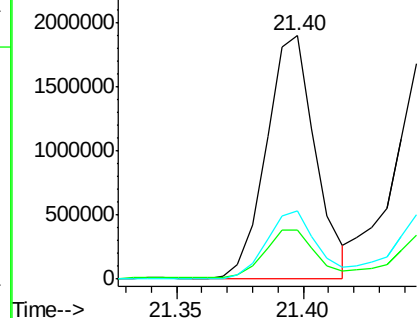
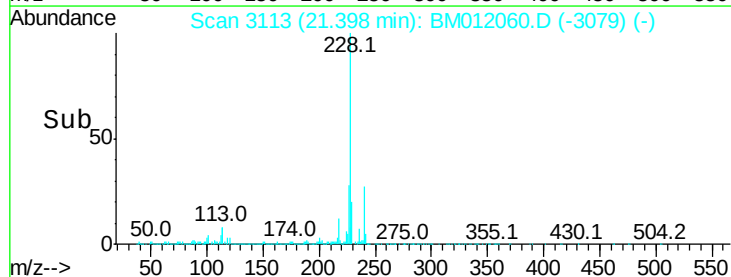
226 28.0 21.4 32.0

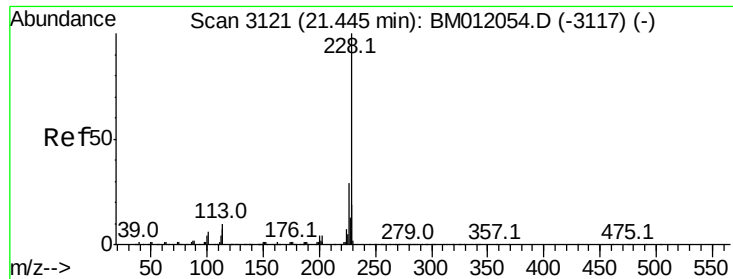


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





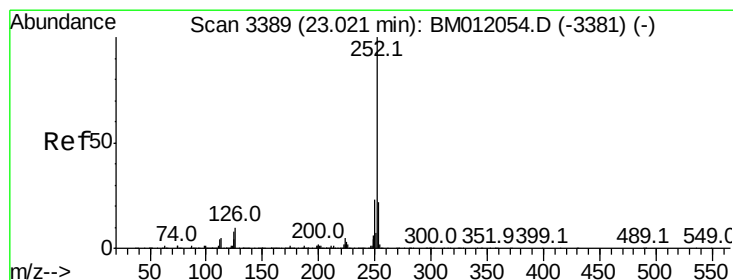
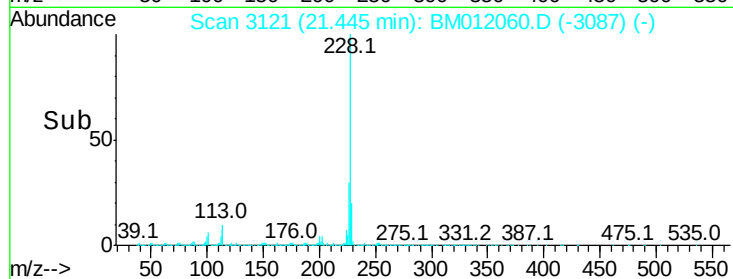
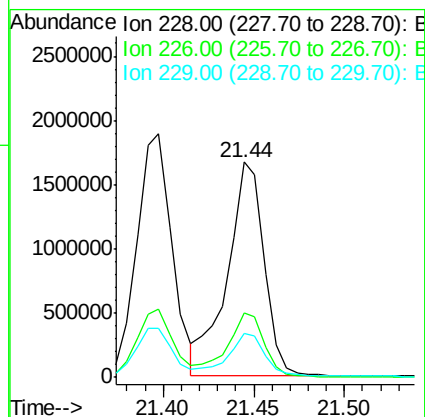
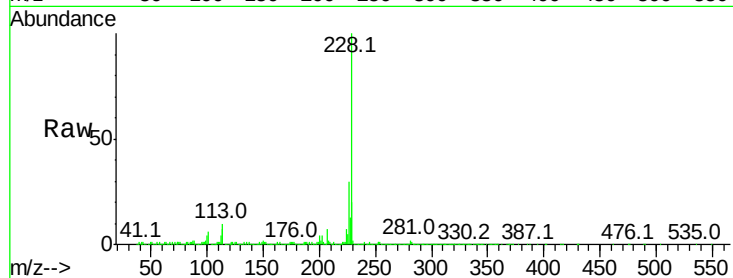
#82
Chrysene
Concen: 19.837 ng/ul
RT: 21.44 min Scan# 3121
Delta R.T. 0.00 min
Lab File: BM012060.D
Acq: 11 Oct 2017 02:02

Instrument :
BNA_M
ClientSampled :
CB3M0

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	20.4	15.5	23.3

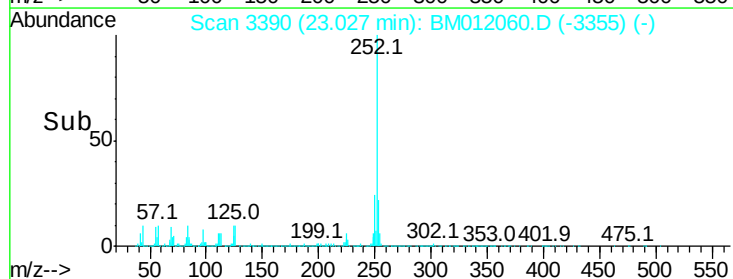
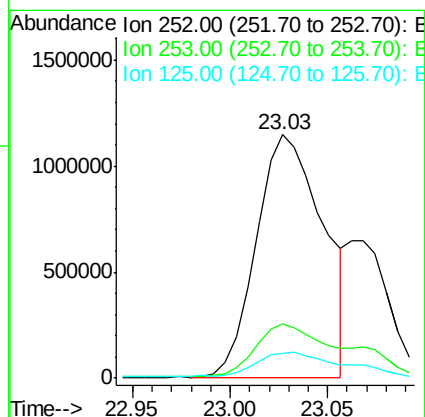
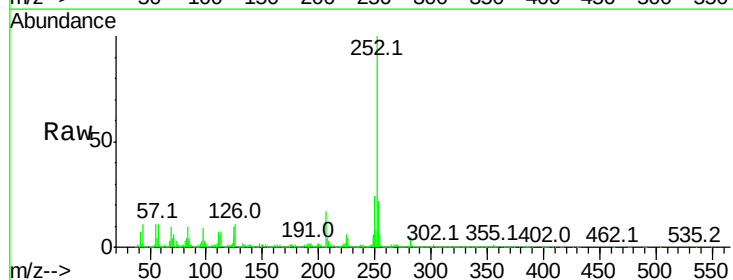
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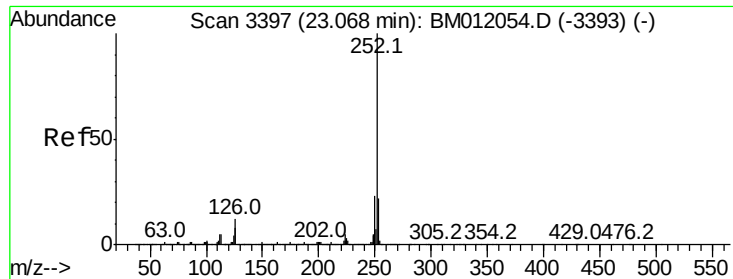
Sohil
10/11/2017 7:29:35 PM



#85
Benzo(b)fluoranthene
Concen: 23.842 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. 0.01 min
Lab File: BM012060.D
Acq: 11 Oct 2017 02:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.9	26.9
125	10.4	3.6	5.4





#86

Benzo(k)fluoranthene

Concen: 8.349 ng/ul m

RT: 23.06 min Scan# 3396

Delta R.T. -0.01 min

Lab File: BM012060.D

Acq: 11 Oct 2017 02:02

Instrument :

BNA_M

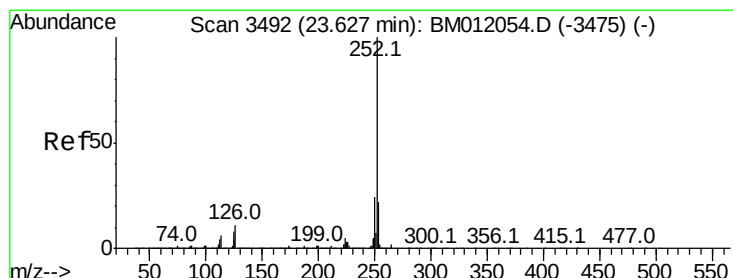
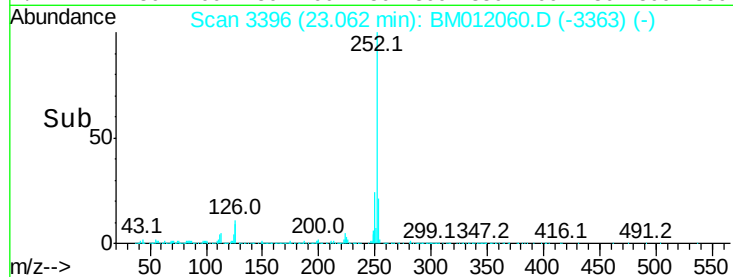
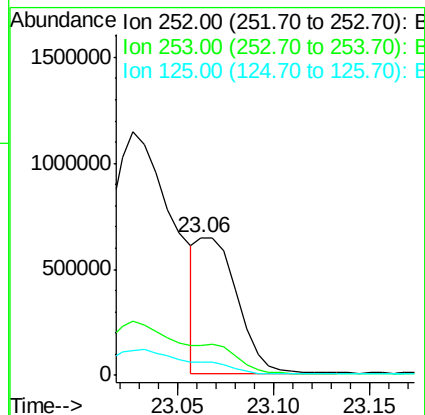
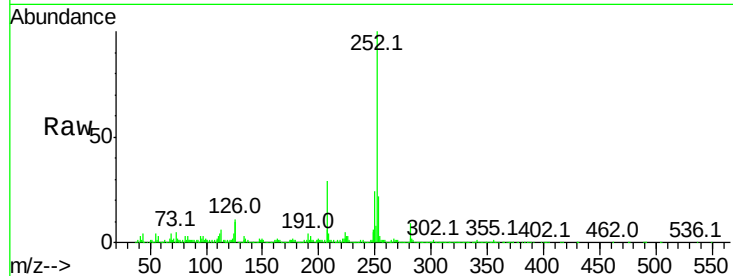
ClientSampled :

CB3M0

Tot Ion:	252	Resp:	948891
Ion Ratio	Lower	Upper	
252	100		
253	22.1	17.1	25.7
125	9.5	3.4	5.2#

Manual Integrations
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#88

Benzo(a)pyrene

Concen: 15.116 ng/ul

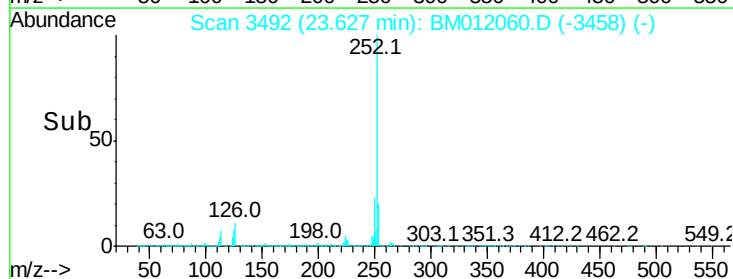
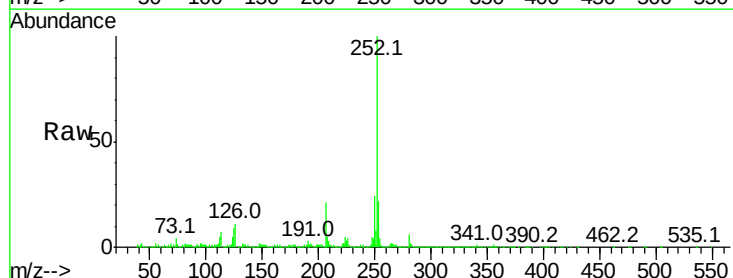
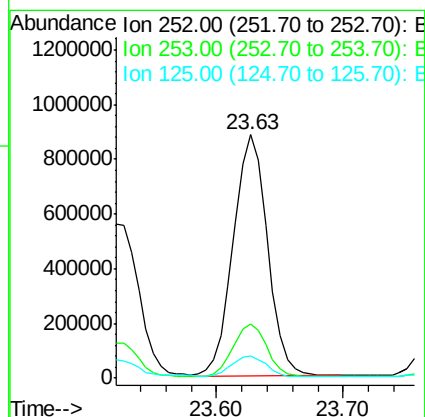
RT: 23.63 min Scan# 3492

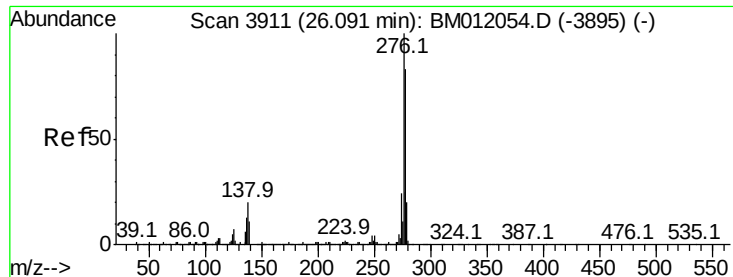
Delta R.T. 0.00 min

Lab File: BM012060.D

Acq: 11 Oct 2017 02:02

Tgt Ion:	252	Resp:	1653496
Ion Ratio	Lower	Upper	
252	100		
253	22.0	18.2	27.2
125	8.9	4.0	6.0#





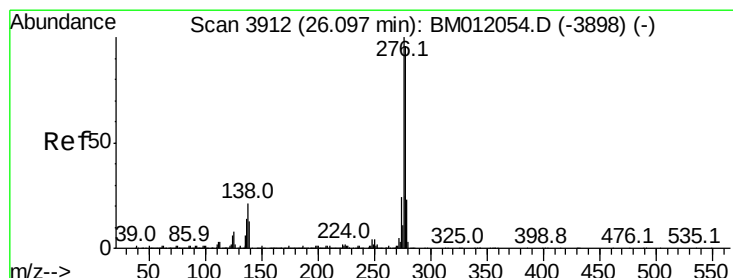
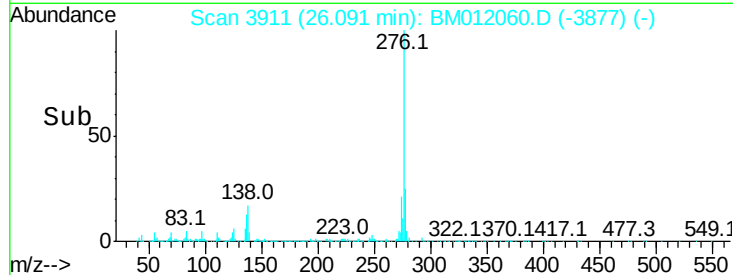
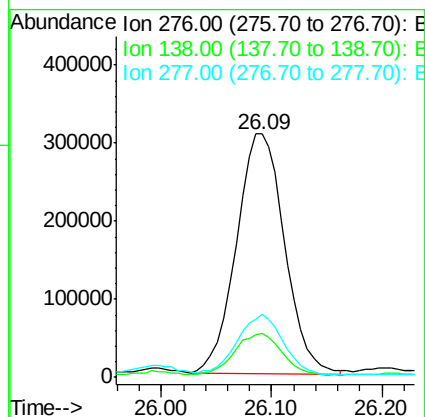
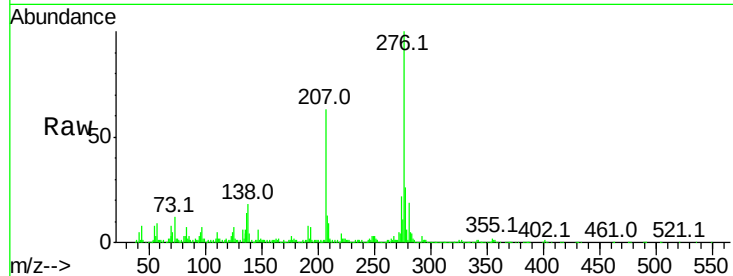
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 8.040 ng/ul
 RT: 26.09 min Scan# 3911
 Delta R.T. 0.00 min
 Lab File: BM012060.D
 Acq: 11 Oct 2017 02:02

Instrument :
 BNA_M
 ClientSampleId :
 CB3M0

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.0	9.3	13.9#
277	25.8	19.9	29.9

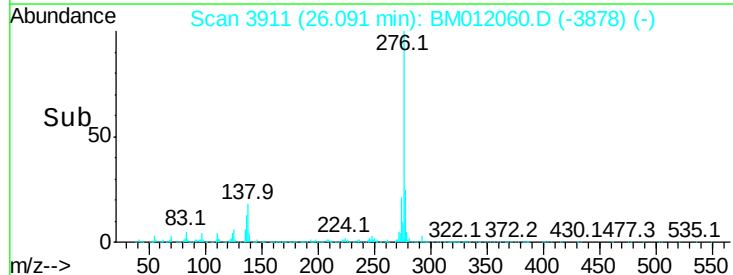
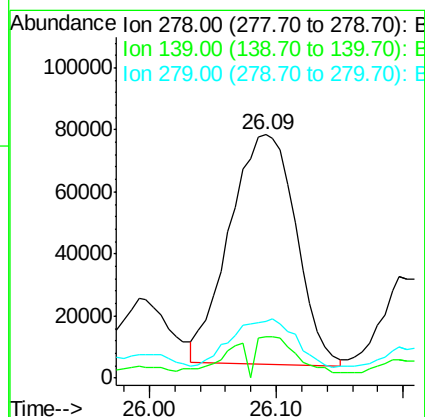
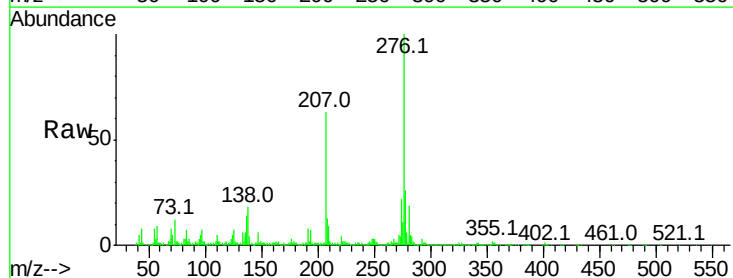
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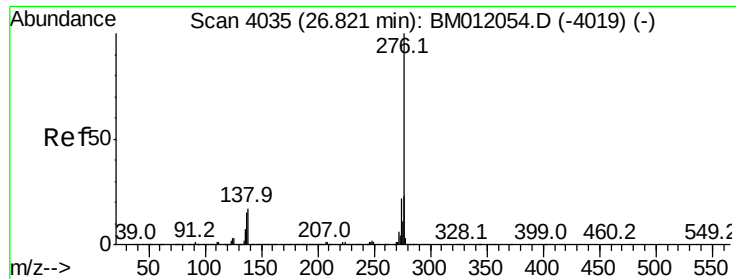
Sohil
 10/11/2017 7:29:35 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 2.793 ng/ul
 RT: 26.09 min Scan# 3911
 Delta R.T. -0.01 min
 Lab File: BM012060.D
 Acq: 11 Oct 2017 02:02

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.9	5.8	8.8#
279	23.1	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 7.611 ng/ul

RT: 26.82 min Scan# 4035

Delta R.T. 0.00 min

Lab File: BM012060.D

Acq: 11 Oct 2017 02:02

Instrument :

BNA_M

ClientSampleId :

CB3M0

Tot Ion:	276	Resp:	736940
Ion Ratio	Lower	Upper	
276	100		
138	16.8	8.5	12.7#
277	24.3	18.6	28.0

Manual Integrations
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