

Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
 Data File : BM012036.D
 Acq On : 10 Oct 2017 05:17
 Operator : SJ/JU
 Sample : I5533-08
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-54(7-8)-092817

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:06:06 PM

Quant Time: Oct 10 07:55:13 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 10 02:27:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	270639	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1194292	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	728167	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1716049	20.00	ng/ul	0.00
75) Chrysene-d12	21.42	240	2093245	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1951472	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	21063	3.68	ng/uL	0.00
5) Phenol-d5	7.00	99	409913	17.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	261968	19.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	373348	19.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	369388	18.35	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	172733	20.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	196487	20.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	381125	19.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.79	131	353218	16.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	1302857	20.64	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	1570006	21.17	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	114574	10.39	ng/ul	0.00
57) Fluorene-d10	15.49	176	1156251	20.76	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	104653	9.06	ng/ul	0.00
70) Anthracene-d10	17.33	188	1879164	22.22	ng/ul	0.00
76) Pyrene-d10	19.63	212	2248177	23.81	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.59	264	2079948	22.16	ng/ul	0.00

Target Compounds

				Ovalue	
6) Phenol	7.03	94	55430	2.406 ng/ul#	84
16) 4-Methylphenol	8.60	108	92319	4.707 ng/ul#	78
44) Dimethylphthalate	13.95	163	325029	5.353 ng/ul	98
69) Phenanthrene	17.27	178	594703	6.300 ng/ul	100
71) Anthracene	17.37	178	174401m	1.816 ng/ul	
74) Fluoranthene	19.29	202	2570751	22.321 ng/ul#	90
77) Pyrene	19.66	202	2690186	23.178 ng/ul#	89
80) Benzo(a)anthracene	21.40	228	2083470	17.374 ng/ul	97
82) Chrysene	21.45	228	1862341	16.345 ng/ul	98
85) Benzo(b)fluoranthene	23.03	252	2090899	17.627 ng/ul#	95
86) Benzo(k)fluoranthene	23.07	252	628676m	5.309 ng/ul	
88) Benzo(a)pyrene	23.63	252	1516712	13.307 ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	26.10	276	739371	6.062 ng/ul#	93
90) Dibenzo(a,h)anthracene	26.09	278	211660	2.112 ng/ul#	71
91) Benzo(g,h,i)perylene	26.83	276	618839	6.134 ng/ul#	92

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

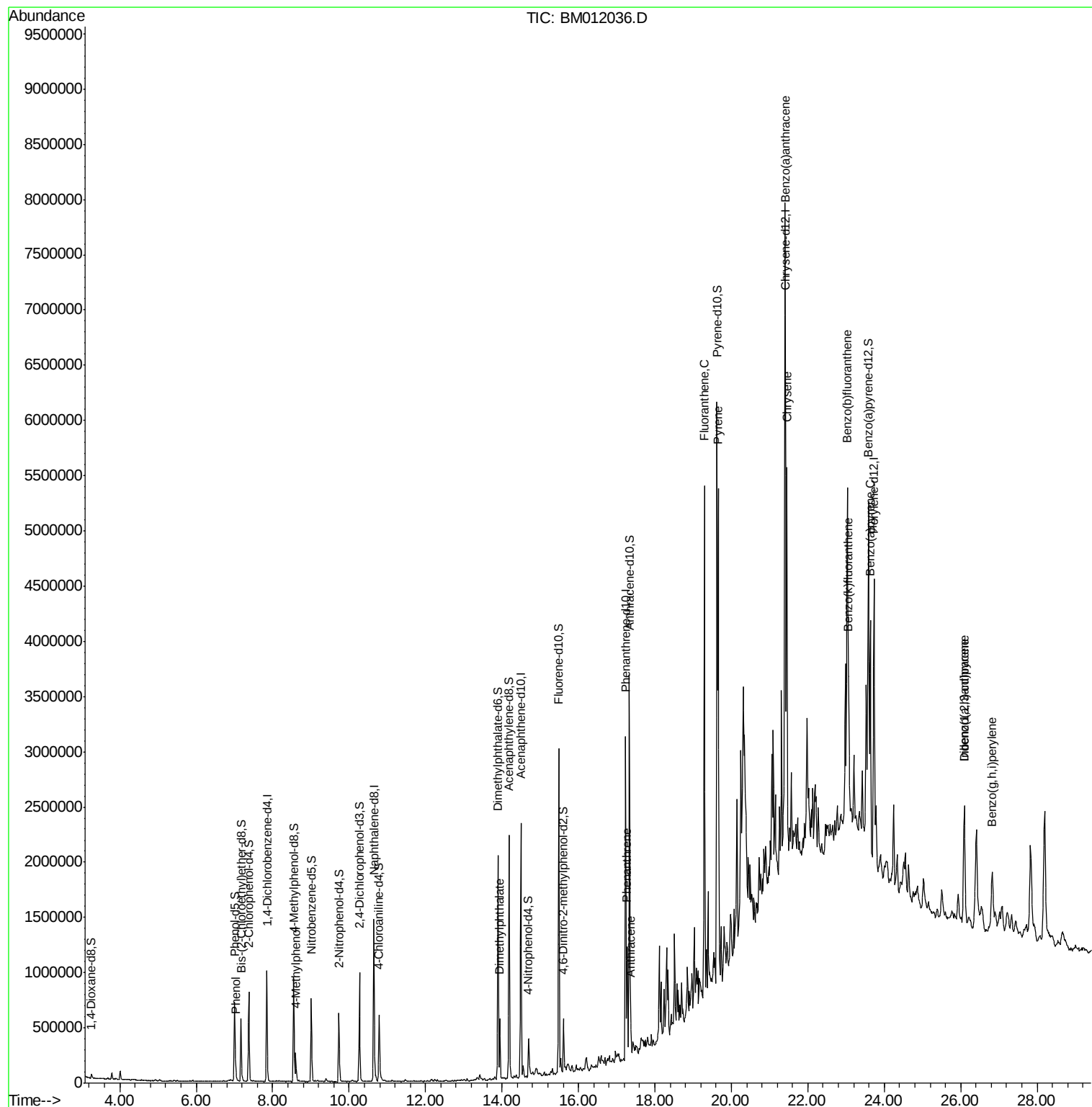
Data Path : Z:\HPCHEM1\BNA M\DATA\BM100917\
Data File : BM012036.D
Acq On : 10 Oct 2017 05:17
Operator : SJ/JU
Sample : I5533-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

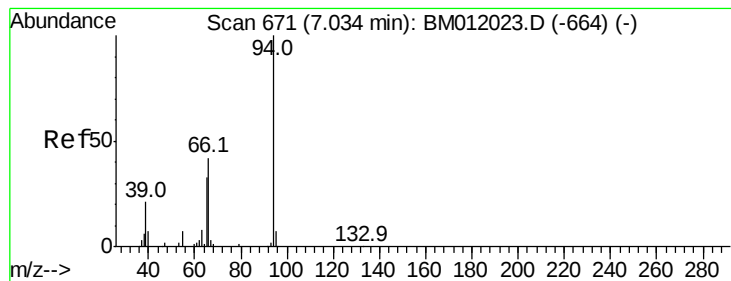
Instrument :
BNA_M
ClientSampleId :
B-54(7-8)-092817

Manual Integrations
APPROVED

Sohil
10/10/2017 5:06:06 PM

Quant Time: Oct 10 07:55:13 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 10 02:27:01 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.406 ng/ul

RT: 7.03 min Scan# 671

Delta R.T. 0.00 min

Lab File: BM012036.D

Acq: 10 Oct 2017 05:17

Instrument :

BNA_M

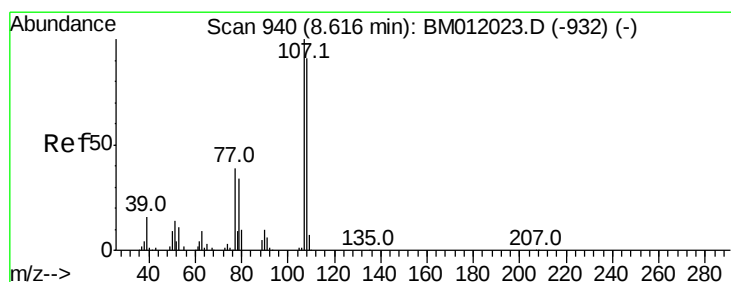
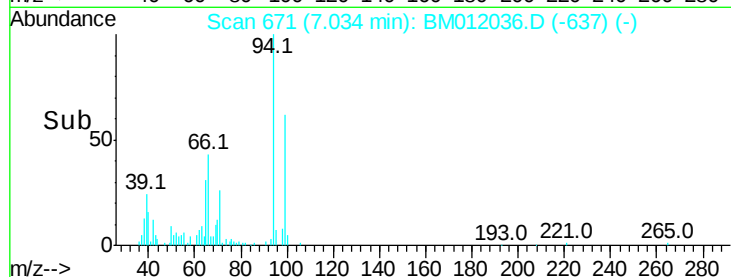
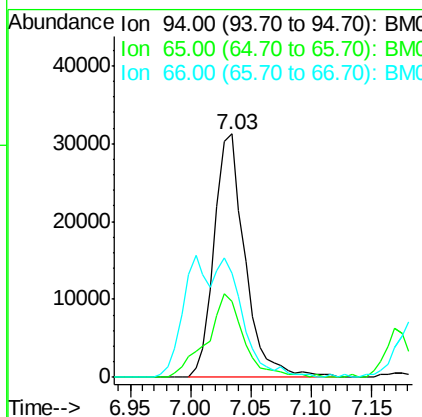
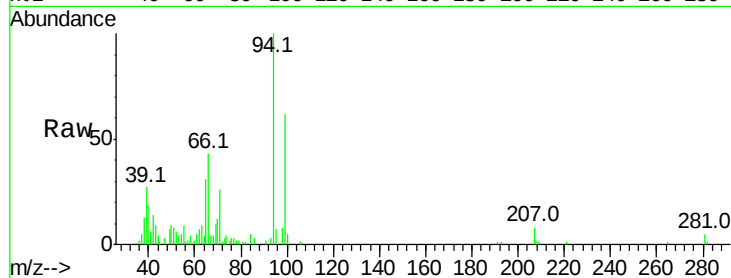
ClientSampleId :

B-54(7-8)-092817

Tot Ion	Ratio	Lower	Upper
94	100		
65	31.1	28.2	42.4
66	43.0	47.2	70.8

Manual Integrations
APPROVED

Sohil
10/10/2017 5:06:06 PM



#16

4-Methylphenol

Concen: 4.707 ng/ul

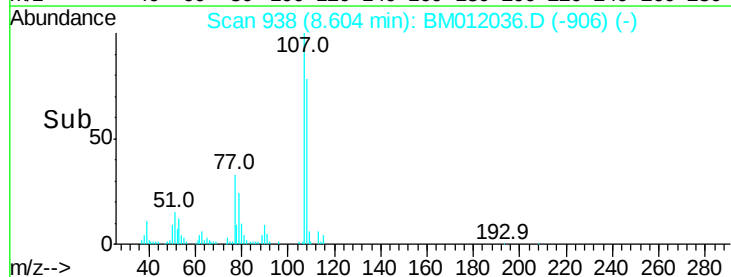
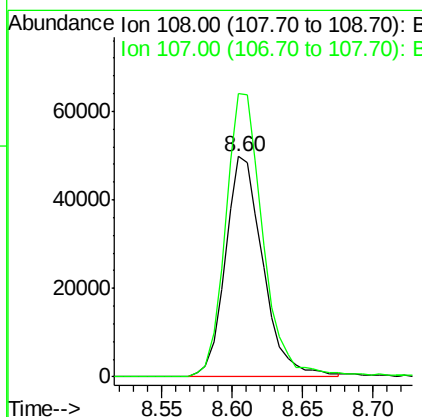
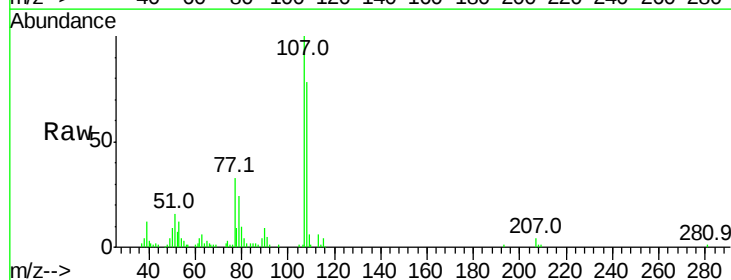
RT: 8.60 min Scan# 938

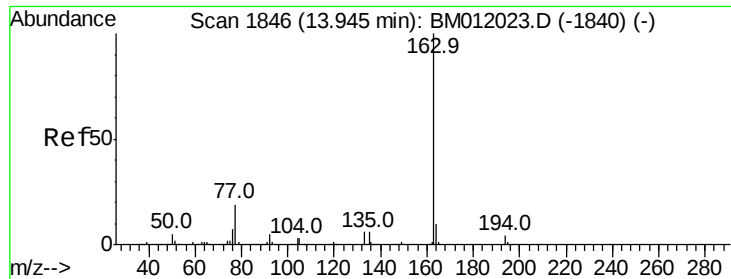
Delta R.T. -0.01 min

Lab File: BM012036.D

Acq: 10 Oct 2017 05:17

Tgt Ion	Ratio	Lower	Upper
108	100		
107	128.5	84.9	127.3





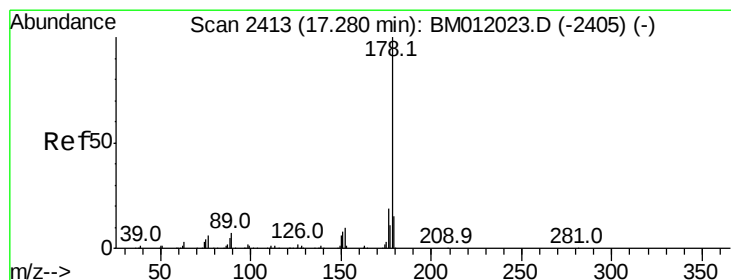
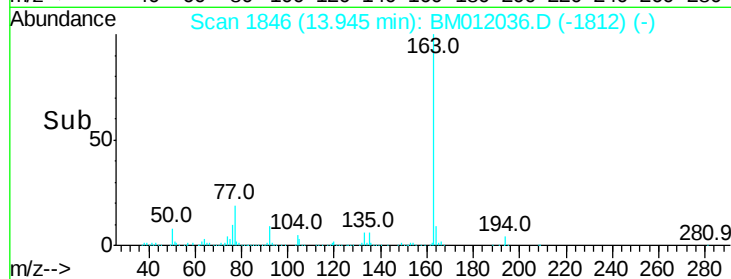
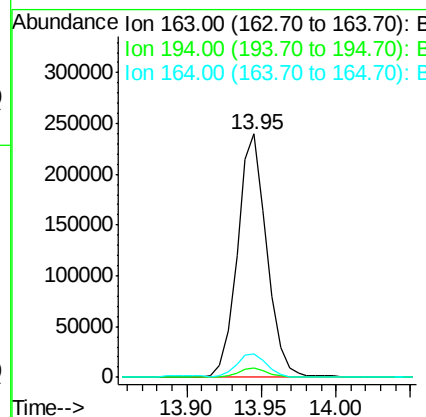
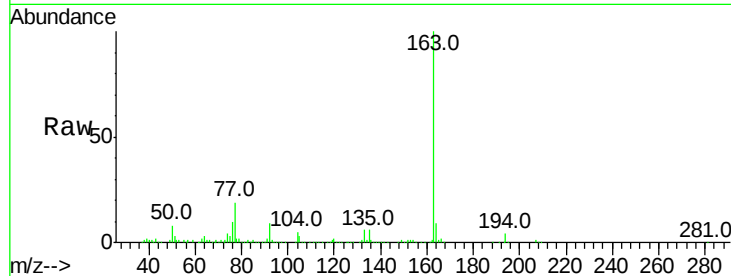
#44
Dimethylphthalate
Concen: 5.353 ng/ul
RT: 13.95 min Scan# 1846
Delta R.T. 0.00 min
Lab File: BM012036.D
Acq: 10 Oct 2017 05:17

Instrument :
BNA_M
ClientSampleId :
B-54(7-8)-092817

Tot Ion	Ratio	Resp	Lower	Upper
163	100	325029		
194	4.0		3.5	5.3
164	9.4		8.2	12.4

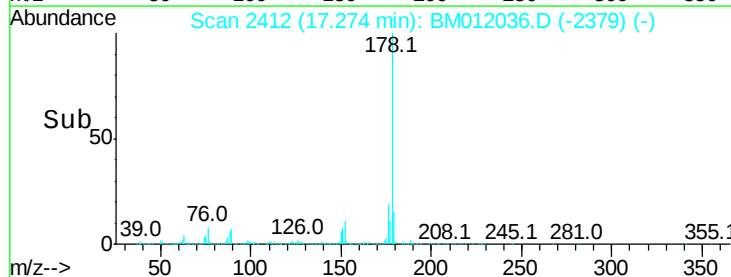
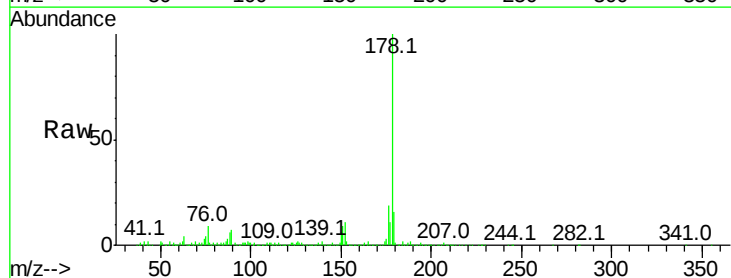
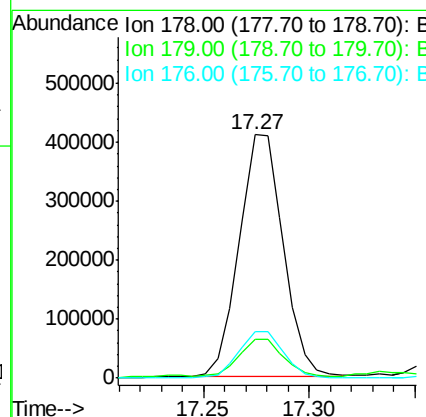
Manual Integrations
APPROVED

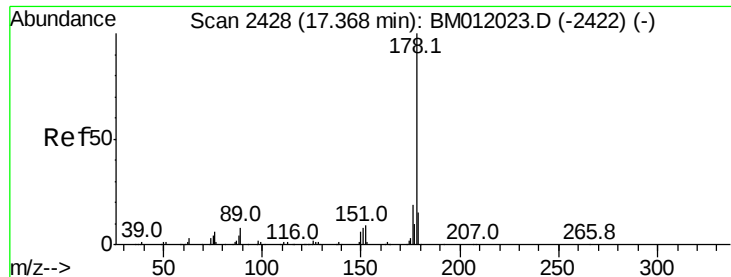
Sohil
10/10/2017 5:06:06 PM



#69
Phenanthrene
Concen: 6.300 ng/ul
RT: 17.27 min Scan# 2412
Delta R.T. -0.01 min
Lab File: BM012036.D
Acq: 10 Oct 2017 05:17

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	594703		
179	15.8		12.6	19.0
176	18.9		14.9	22.3





#71

Anthracene

Concen: 1.816 ng/ul

RT: 17.37 min Scan# 2428

Delta R.T. 0.00 min

Lab File: BM012036.D

Acq: 10 Oct 2017 05:17

Instrument :

BNA_M

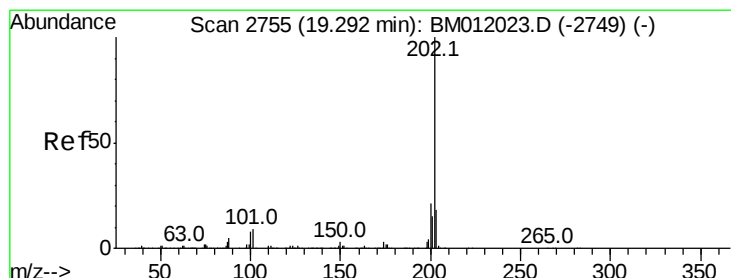
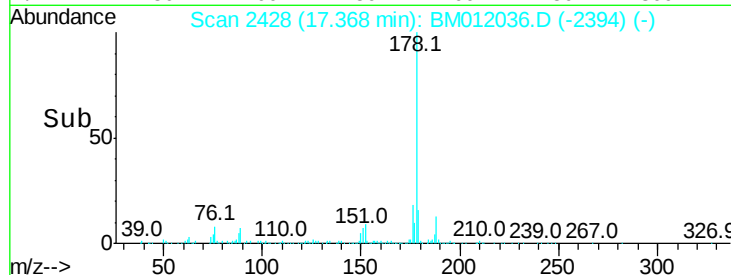
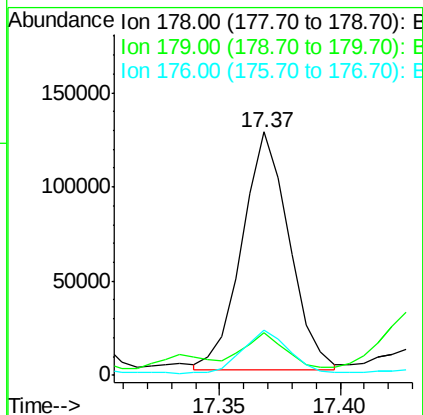
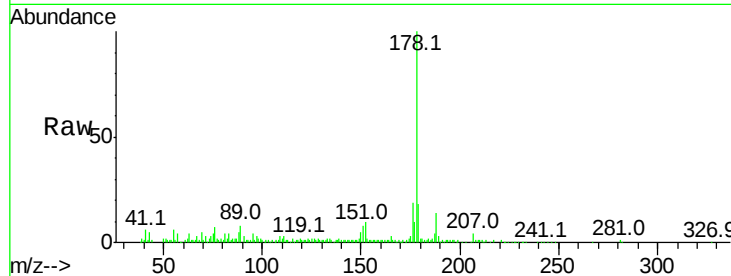
ClientSampleId :

B-54(7-8)-092817

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.6	11.7	17.5#
176	18.7	14.6	21.8

Manual Integrations
APPROVED

Sohil
10/10/2017 5:06:06 PM



#74

Fluoranthene

Concen: 22.321 ng/ul

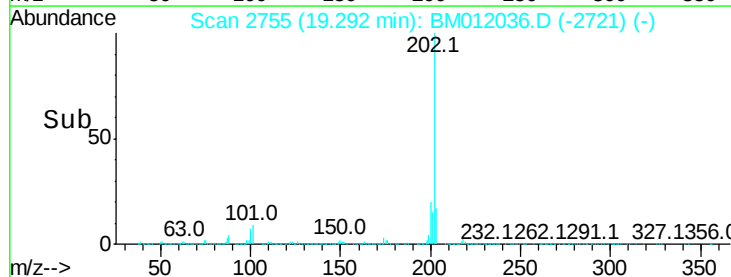
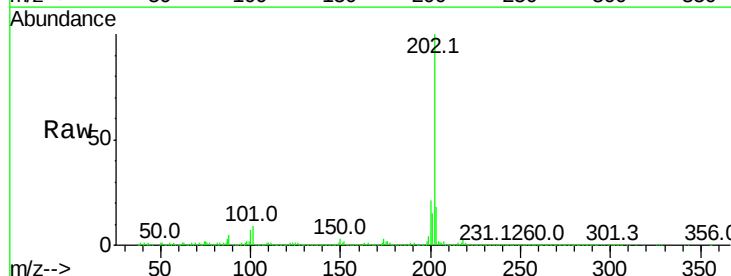
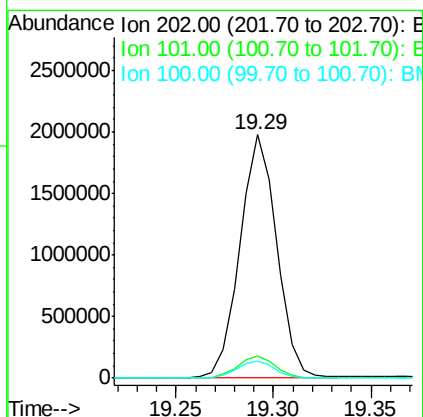
RT: 19.29 min Scan# 2755

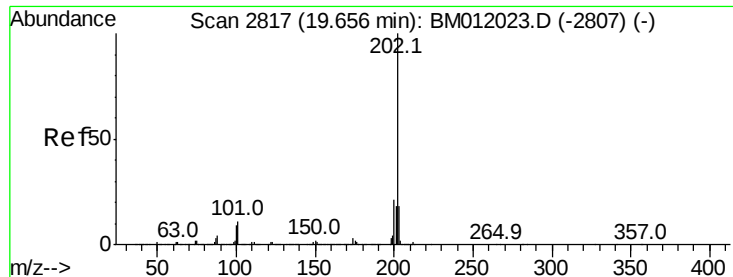
Delta R.T. 0.00 min

Lab File: BM012036.D

Acq: 10 Oct 2017 05:17

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.2	4.6	7.0#
100	7.2	3.4	5.2#





#77

Pvrene

Concen: 23.178 ng/ul

RT: 19.66 min Scan# 2817

Delta R.T. 0.00 min

Lab File: BM012036.D

Acq: 10 Oct 2017 05:17

Instrument :

BNA_M

ClientSampled :

B-54(7-8)-092817

Tot Ion:202 Resp: 2690186

Ion Ratio Lower Upper

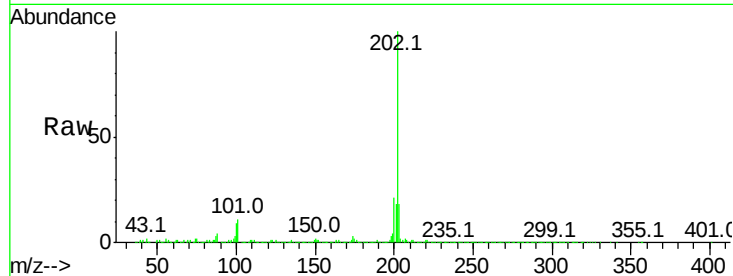
202 100

101 11.0 5.1 7.7#

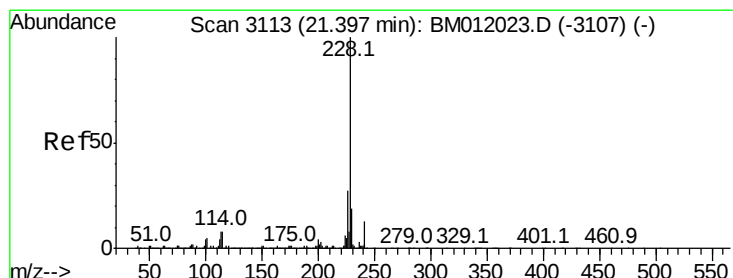
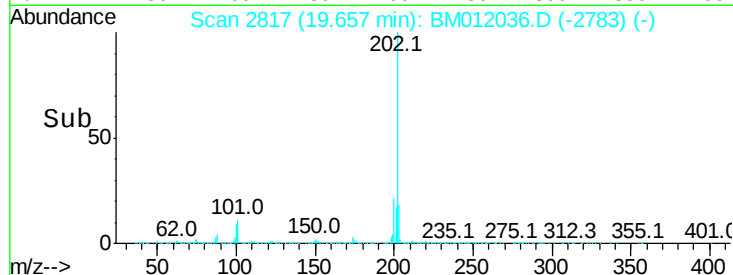
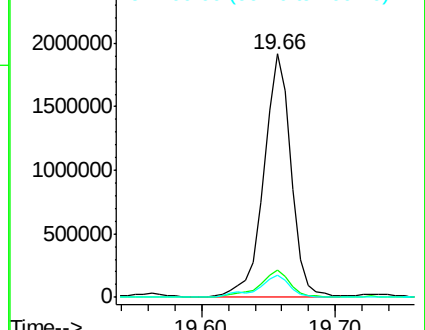
100 9.0 4.9 7.3#

Manual Integrations
APPROVED

Sohil
10/10/2017 5:06:06 PM



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: 17.374 ng/ul

RT: 21.40 min Scan# 3113

Delta R.T. 0.00 min

Lab File: BM012036.D

Acq: 10 Oct 2017 05:17

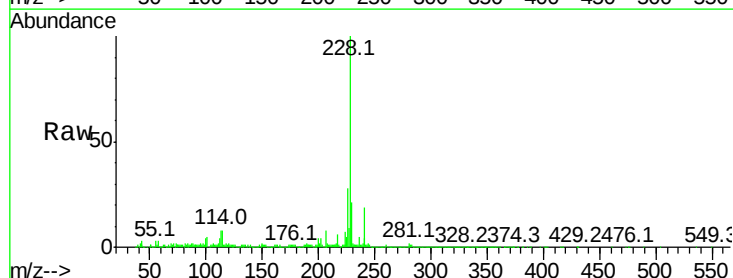
Tgt Ion:228 Resp: 2083470

Ion Ratio Lower Upper

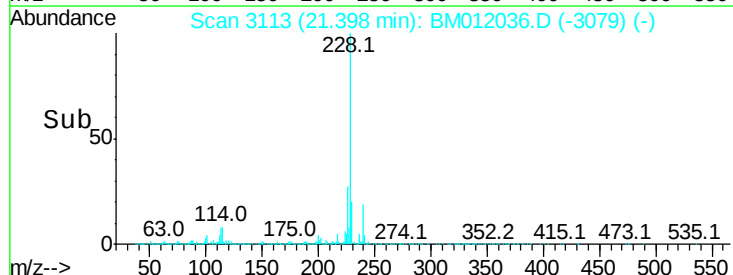
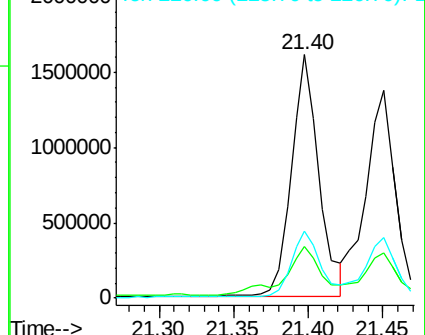
228 100

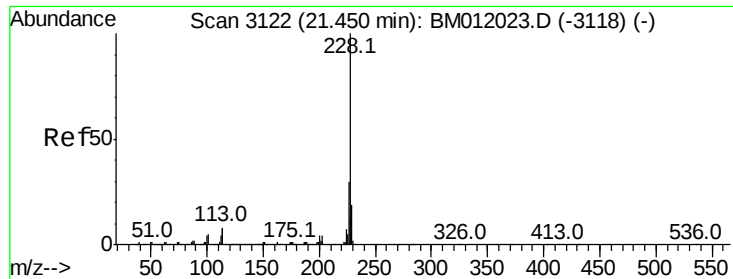
229 21.3 15.4 23.0

226 27.8 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: 16.345 ng/ul

RT: 21.45 min Scan# 3122

Delta R.T. 0.00 min

Lab File: BM012036.D

Acq: 10 Oct 2017 05:17

Instrument :

BNA_M

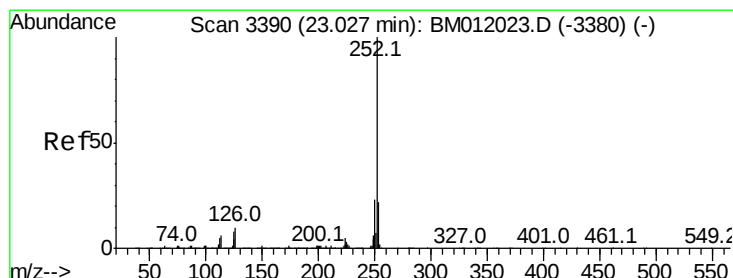
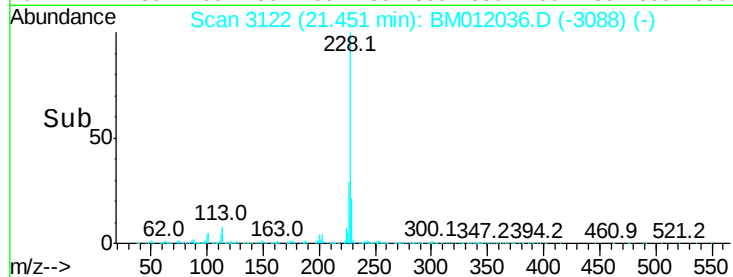
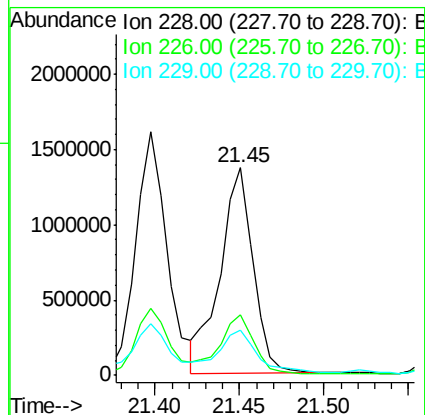
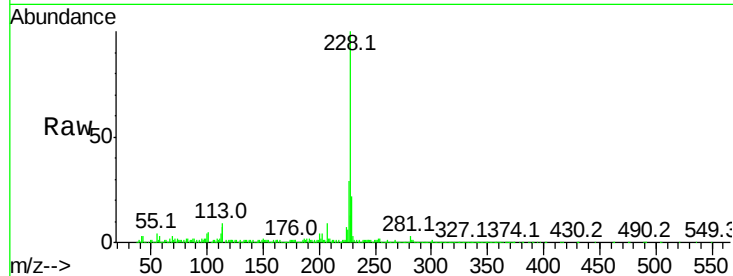
ClientSampleId :

B-54(7-8)-092817

Tot Ion:	228	Resp:	1862341
Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.4	35.2
229	21.5	15.5	23.3

Manual Integrations
APPROVED

Sohil
10/10/2017 5:06:06 PM



#85

Benzo(b)fluoranthene

Concen: 17.627 ng/ul

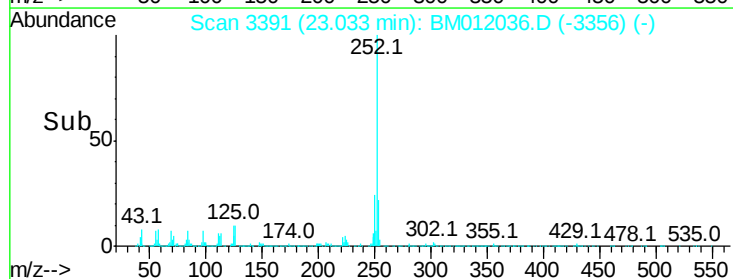
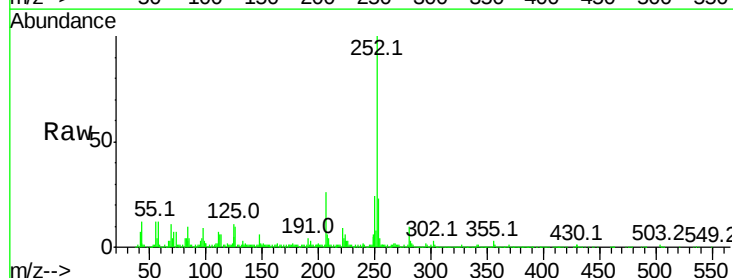
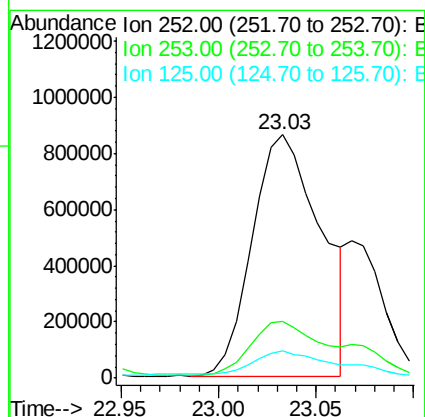
RT: 23.03 min Scan# 3391

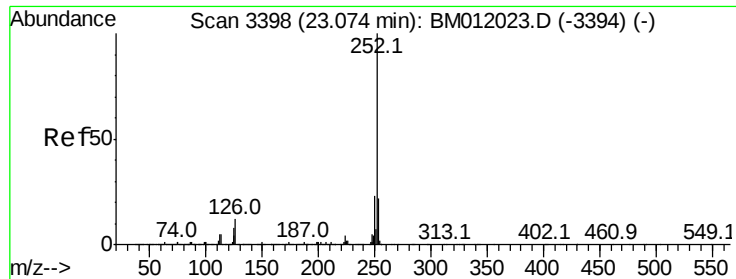
Delta R.T. 0.01 min

Lab File: BM012036.D

Acq: 10 Oct 2017 05:17

Tgt Ion:	252	Resp:	2090899
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	11.2	3.6	5.4#





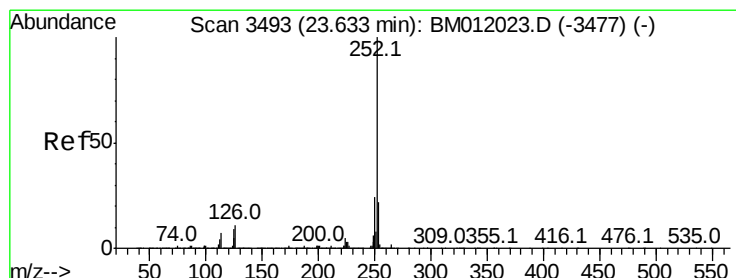
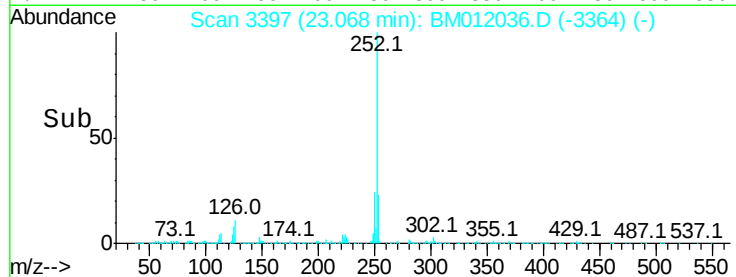
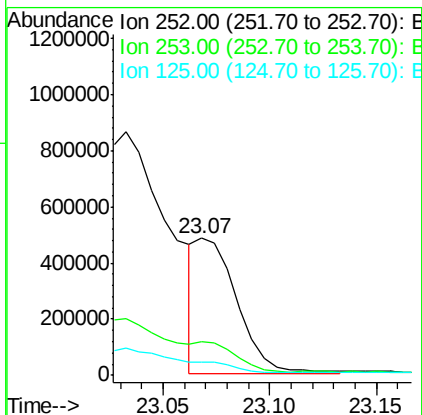
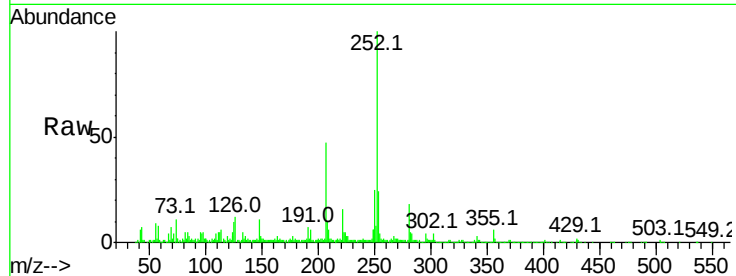
#86
Benzo(k)fluoranthene
Concen: 5.309 ng/ul m
RT: 23.07 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM012036.D
Acq: 10 Oct 2017 05:17

Instrument :
BNA_M
ClientSampleId :
B-54(7-8)-092817

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.2	17.1	25.7
125	9.7	3.4	5.2#

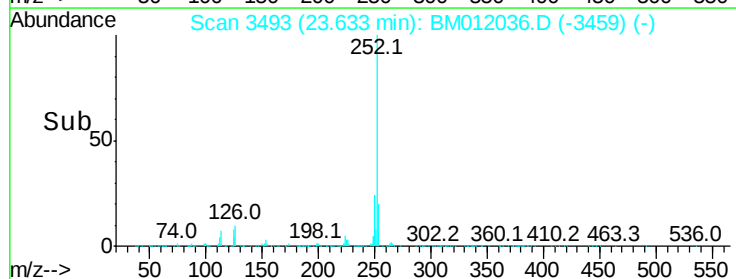
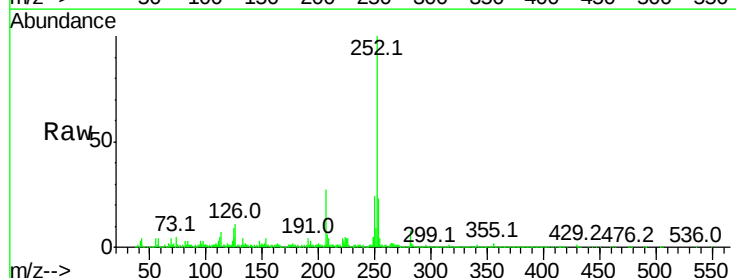
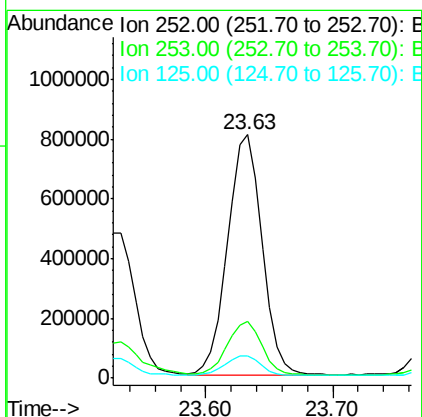
Manual Integrations
APPROVED

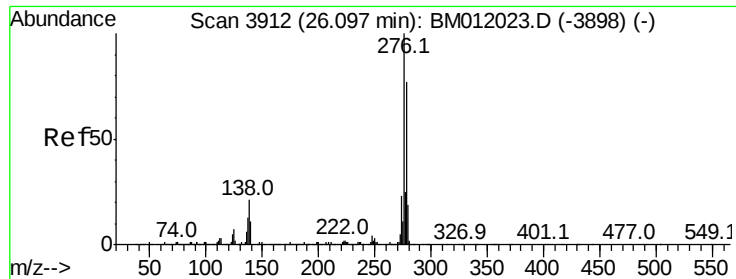
Sohil
10/10/2017 5:06:06 PM



#88
Benzo(a)pyrene
Concen: 13.307 ng/ul
RT: 23.63 min Scan# 3493
Delta R.T. 0.00 min
Lab File: BM012036.D
Acq: 10 Oct 2017 05:17

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	23.3	18.2	27.2
125	9.3	4.0	6.0#





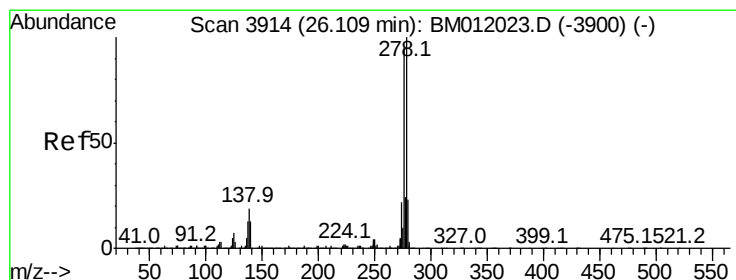
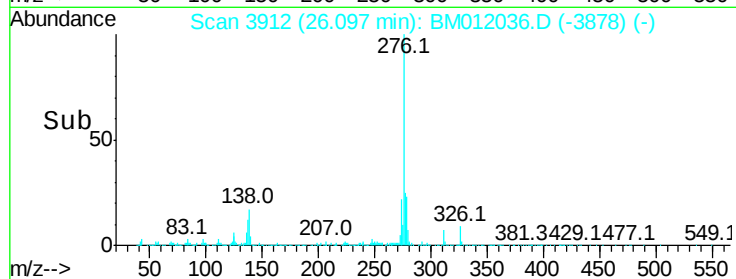
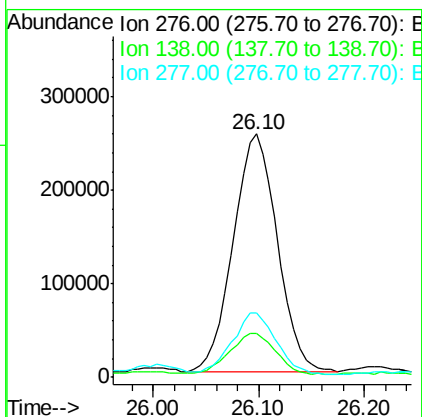
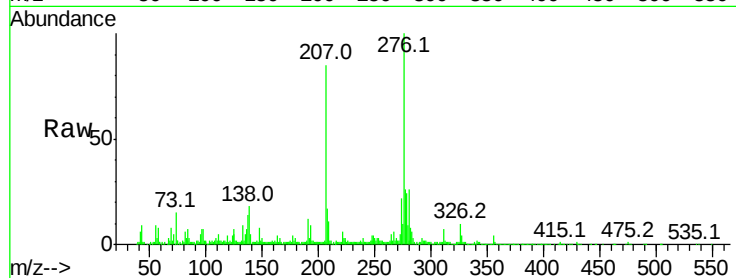
#89
Indeno(1,2,3-cd)pyrene
Concen: 6.062 ng/ul
RT: 26.10 min Scan# 3912
Delta R.T. 0.00 min
Lab File: BM012036.D
Acq: 10 Oct 2017 05:17

Instrument :
BNA_M
ClientSampleId :
B-54(7-8)-092817

Tot Ion	Ratio	Resp	Lower	Upper
276	100	739371		
138	18.0	9.3	13.9#	
277	26.4	19.9	29.9	

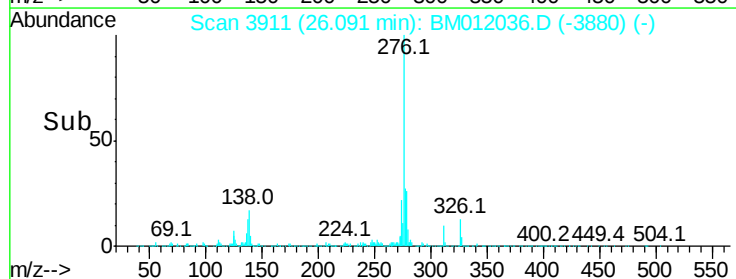
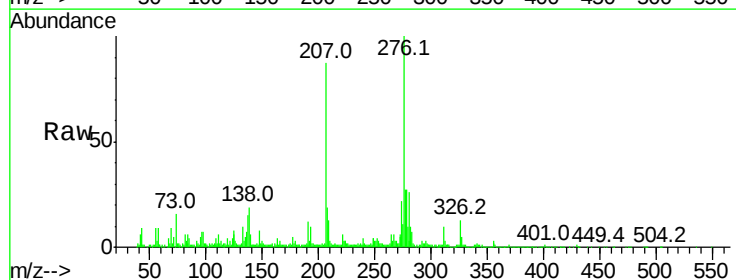
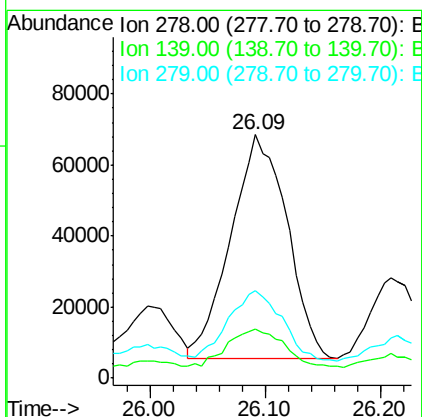
Manual Integrations
APPROVED

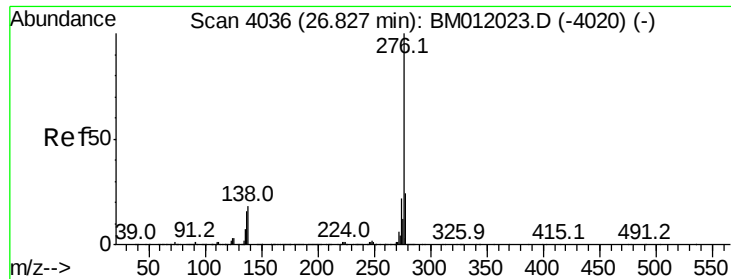
Sohil
10/10/2017 5:06:06 PM



#90
Dibenzo(a,h)anthracene
Concen: 2.112 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.02 min
Lab File: BM012036.D
Acq: 10 Oct 2017 05:17

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	211660		
139	20.3	5.8	8.8#	
279	36.0	18.6	27.8#	





#91
 Benzo(a,h,i)perylene
 Concen: 6.134 ng/ul
 RT: 26.83 min Scan# 4036
 Delta R.T. 0.00 min
 Lab File: BM012036.D
 Acq: 10 Oct 2017 05:17

Instrument :
 BNA_M
 ClientSampleId :
 B-54(7-8)-092817

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.7	8.5	12.7#
277	25.0	18.6	28.0

Manual Integrations
 APPROVED

Sohil
 10/10/2017 5:06:06 PM

