

Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
 Data File : BM012446.D
 Acq On : 25 Oct 2017 15:29
 Operator : SJ/JU
 Sample : I5719-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-35(2-3.8)-100417

Manual Integrations
 APPROVED

Sohil
 10/27/2017 8:53:56 AM

Quant Time: Oct 26 10:59:47 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 26 01:09:36 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	474877	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.72	136	2828079m	20.00	ng/ul	0.05
35) Acenaphthene-d10	14.52	164	1818018	20.00	ng/ul	0.02
61) Phenanthrene-d10	17.26	188	4283704	20.00	ng/ul	0.02
75) Chrysene-d12	21.43	240	4150096	20.00	ng/ul	0.01
83) Perylene-d12	23.74	264	3801114	20.00	ng/ul	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.37	96	29039	3.12	ng/uL	0.00
5) Phenol-d5	7.06	99	830042	20.92	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.26	67	7190720	305.33	ng/ul	0.05
9) 2-Chlorophenol-d4	7.44	132	717697	24.15	ng/ul	0.03
13) 4-Methylphenol-d8	8.65	113	3864016m	113.97	ng/ul	0.07
19) Nitrobenzene-d5	9.06	128	1041103	58.78	ng/ul	0.04
22) 2-Nitrophenol-d4	9.80	143	371522m	20.36	ng/ul	0.05
26) 2,4-Dichlorophenol-d3	10.34	165	789716	16.34	ng/ul	0.05
29) 4-Chloroaniline-d4	10.84	131	11749049m	230.52	ng/ul	0.04
43) Dimethylphthalate-d6	13.93	166	2621479	16.51	ng/ul	0.01
46) Acenaphthylene-d8	14.22	160	3340373	17.78	ng/ul	0.02
51) 4-Nitrophenol-d4	14.72	143	245399	10.39	ng/ul	0.02
57) Fluorene-d10	15.51	176	2436422	18.12	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.63	200	40452	1.95	ng/ul	0.03
70) Anthracene-d10	17.36	188	4006427	19.63	ng/ul	0.01
76) Pyrene-d10	19.64	212	4325564	22.72	ng/ul	0.02
87) Benzo(a)pyrene-d12	23.60	264	3390563	18.78	ng/ul	0.03
Target Compounds				Ovalue		
24) 2,4-Dimethylphenol	9.96	107	3309737m	58.024	ng/ul	
28) Naphthalene	10.77	128	5968685m	42.565	ng/ul	
34) 2-Methylnaphthalene	12.36	142	8836280	77.597	ng/ul	98
40) 1,1'-Biphenyl	13.35	154	648280	4.470	ng/ul	97
44) Dimethylphthalate	13.97	163	1396370m	8.888	ng/ul	
49) Acenaphthene	14.58	153	811787	6.610	ng/ul	96
58) Fluorene	15.56	166	839965	5.465	ng/ul#	82
69) Phenanthrene	17.30	178	4556377	19.669	ng/ul	97
71) Anthracene	17.39	178	517114	2.160	ng/ul#	80
74) Fluoranthene	19.31	202	1172584	4.467	ng/ul#	90
77) Pyrene	19.67	202	2358242	9.992	ng/ul#	93
81) Bis(2-ethylhexyl)phthalate	21.34	149	1883040	13.311	ng/ul	96
82) Chrysene	21.46	228	1034962	4.684	ng/ul#	63
85) Benzo(b)fluoranthene	23.04	252	561620	2.390	ng/ul#	54
88) Benzo(a)pyrene	23.64	252	497125	2.219	ng/ul#	65
91) Benzo(g,h,i)perylene	26.82	276	343856	1.609	ng/ul#	72

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

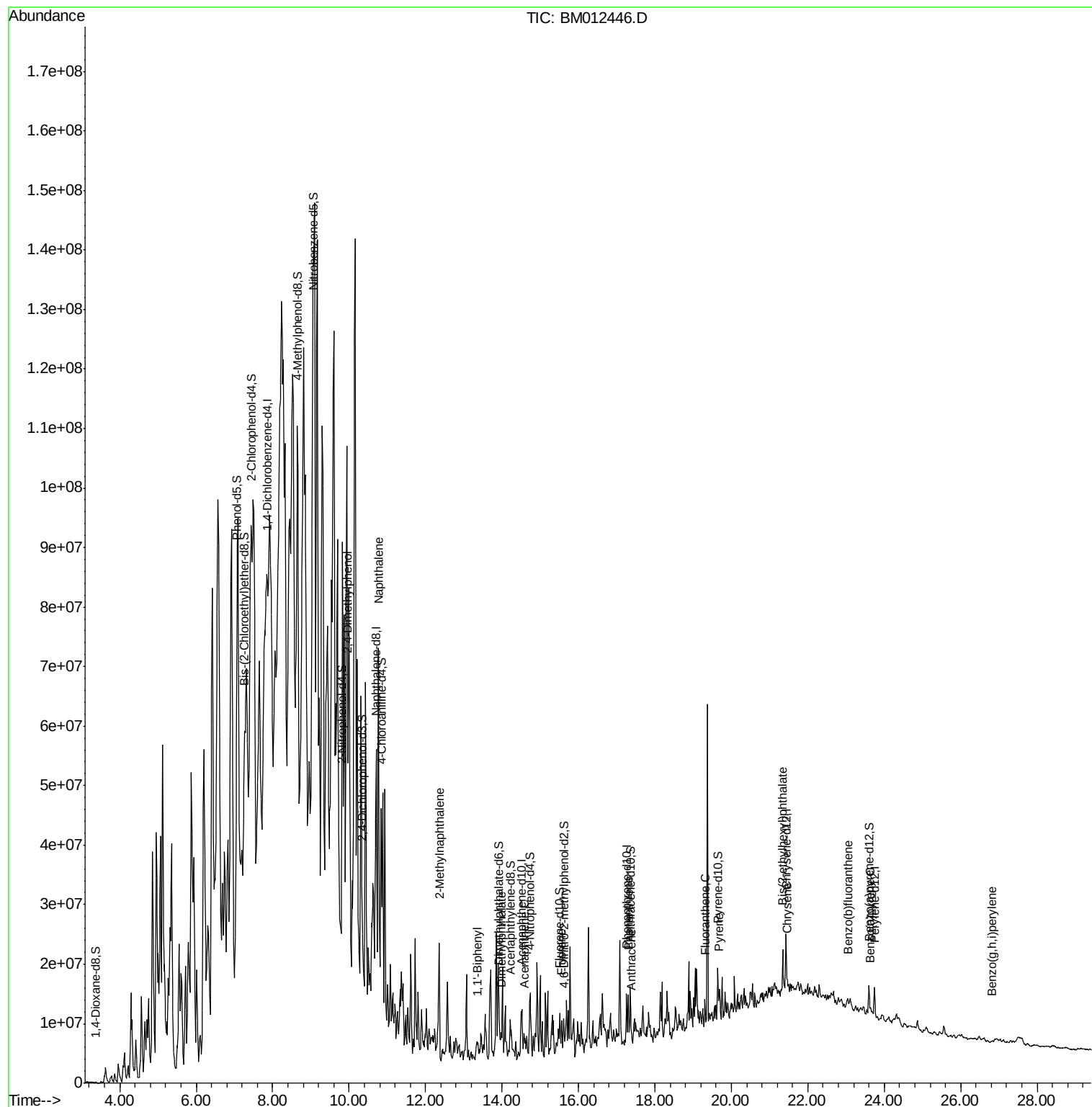
Data Path : Z:\HPCHEM1\BNA M\DATA\BM102517\
Data File : BM012446.D
Acq On : 25 Oct 2017 15:29
Operator : SJ/JU
Sample : I5719-04
Misc :
ALS Vial : 10 Sample Multiplier: 1

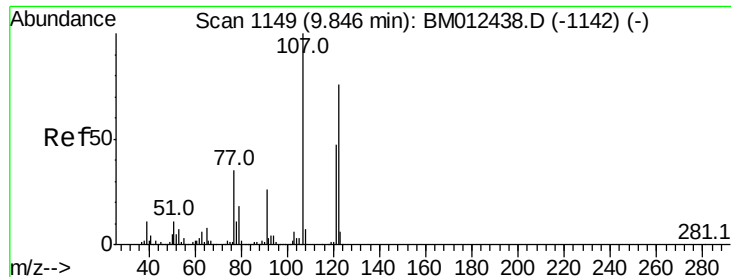
Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Manual Integrations
APPROVED

Sohil
10/27/2017 8:53:56 AM

Quant Time: Oct 26 10:59:47 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 26 01:09:36 2017
Response via : Initial Calibration





#24

2,4-Dimethylphenol

Concen: 58.024 ng/ul m

RT: 9.96 min Scan# 1169

Delta R.T. 0.12 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

Instrument :

BNA_M

ClientSampleId :

B-35(2-3.8)-100417

Tot Ion:107 Resp: 3309737

Ion Ratio Lower Upper

107 100

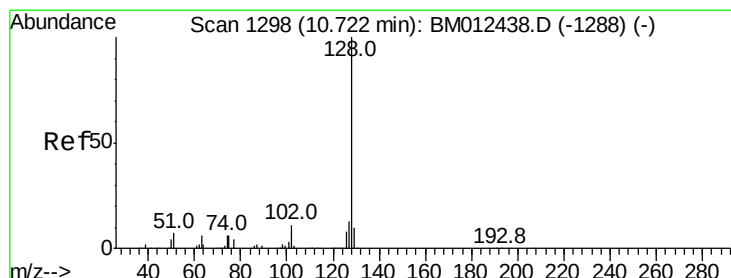
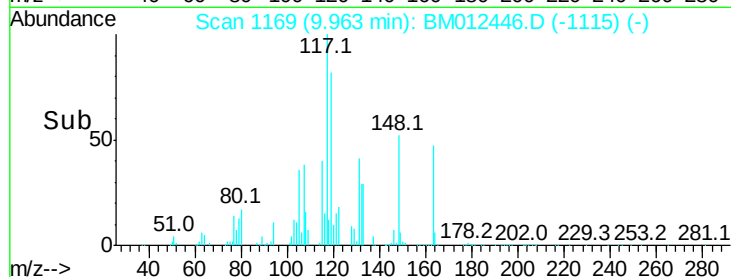
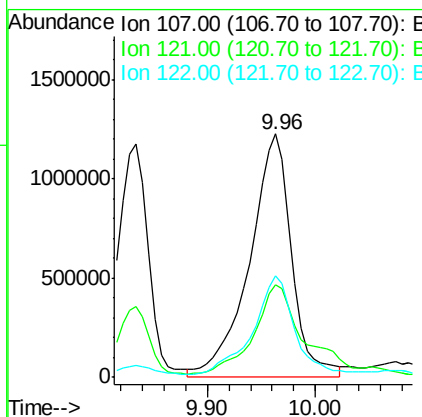
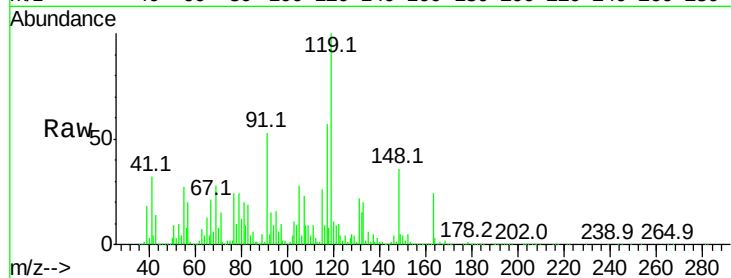
121 38.0 31.9 47.9

122 41.8 57.8 86.6#

Manual Integrations
APPROVED

Sohil

10/27/2017 8:53:56 AM



#28

Naphthalene

Concen: 42.565 ng/ul m

RT: 10.77 min Scan# 1306

Delta R.T. 0.05 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

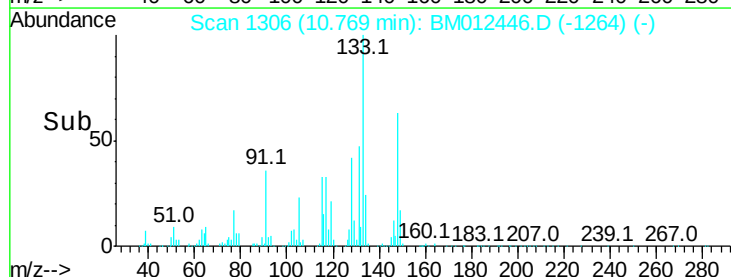
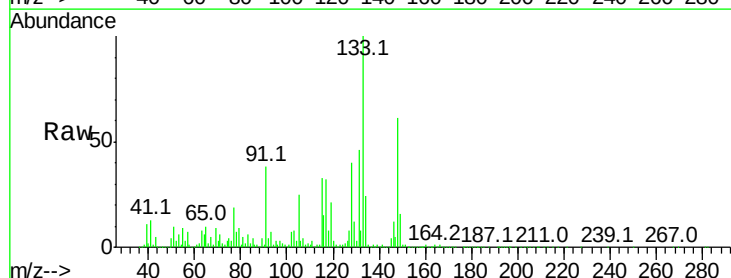
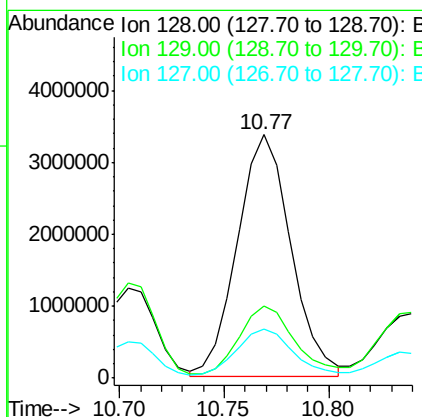
Tgt Ion:128 Resp: 5968685

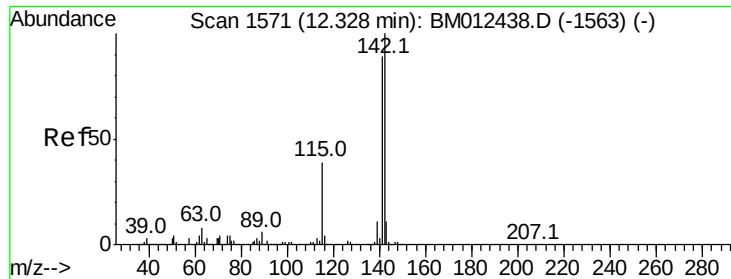
Ion Ratio Lower Upper

128 100

129 29.4 8.8 13.2#

127 20.0 10.6 16.0#





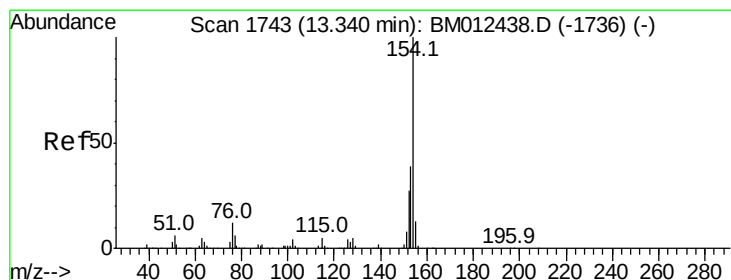
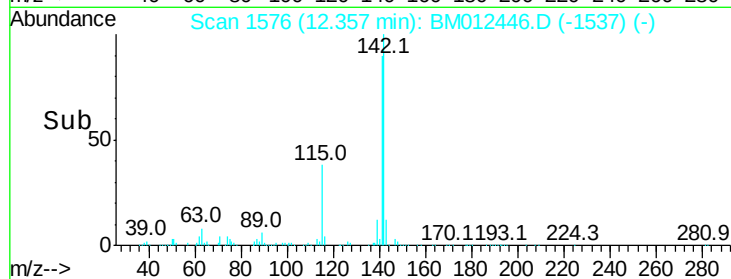
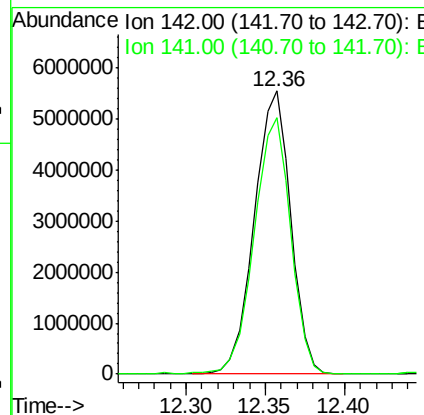
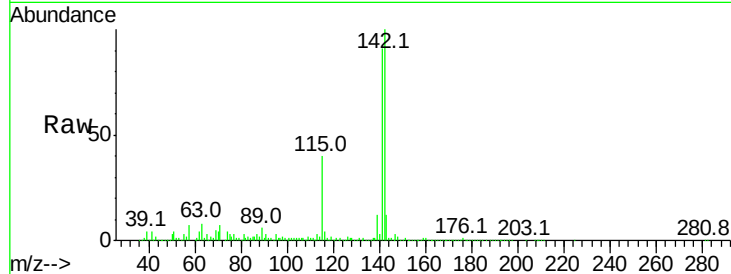
#34
 2-Methylnaphthalene
 Concen: 77.597 ng/ul
 RT: 12.36 min Scan# 1576
 Delta R.T. 0.03 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Instrument :
 BNA_M
 ClientSampleId :
 B-35(2-3.8)-100417

Tot Ion:142 Resp: 8836280
 Ion Ratio Lower Upper
 142 100
 141 90.6 74.1 111.1

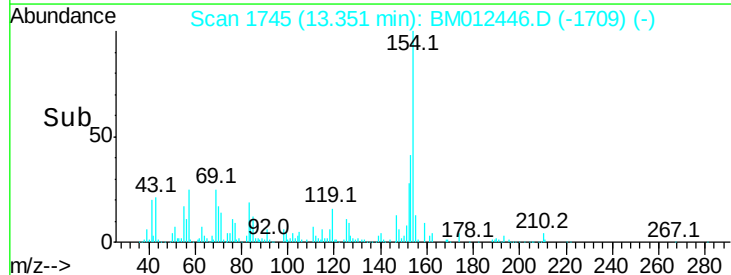
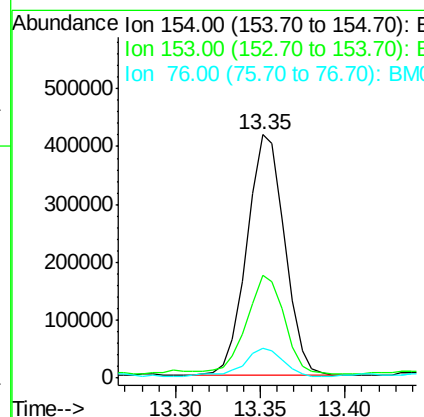
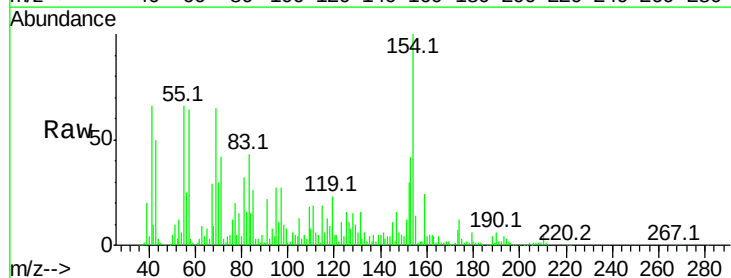
Manual Integrations
 APPROVED

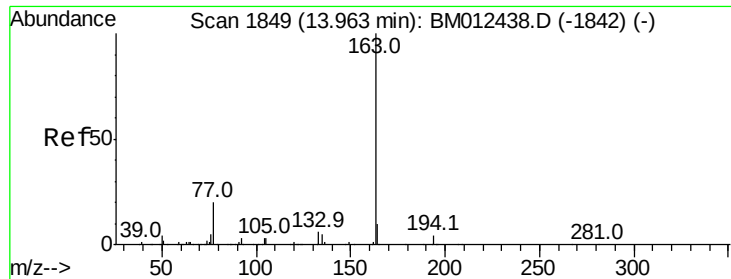
Sohil
 10/27/2017 8:53:56 AM



#40
 1,1'-Biphenyl
 Concen: 4.470 ng/ul
 RT: 13.35 min Scan# 1745
 Delta R.T. 0.01 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Tgt Ion:154 Resp: 648280
 Ion Ratio Lower Upper
 154 100
 153 42.3 32.6 48.8
 76 12.1 8.5 12.7





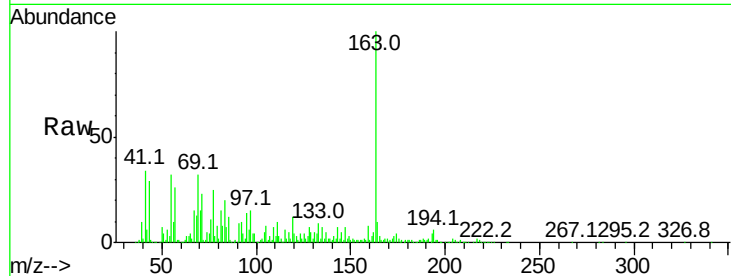
#44
Dimethylphthalate
Concen: 8.888 ng/ul m
RT: 13.97 min Scan# 1851
Delta R.T. 0.01 min
Lab File: BM012446.D
Acq: 25 Oct 2017 15:29

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

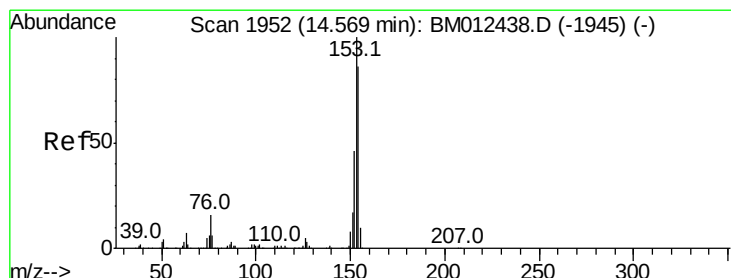
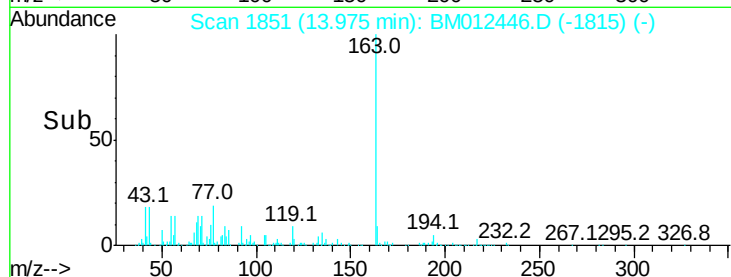
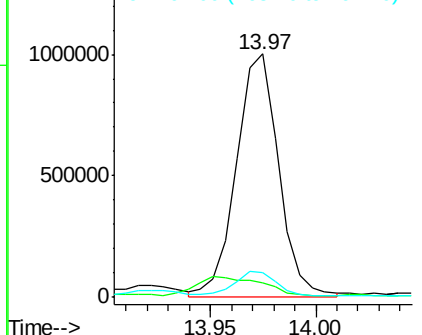
Tot Ion:163 Resp: 1396370
Ion Ratio Lower Upper
163 100
194 5.8 3.5 5.3#
164 10.3 8.2 12.4

Manual Integrations
APPROVED

Sohil
10/27/2017 8:53:56 AM

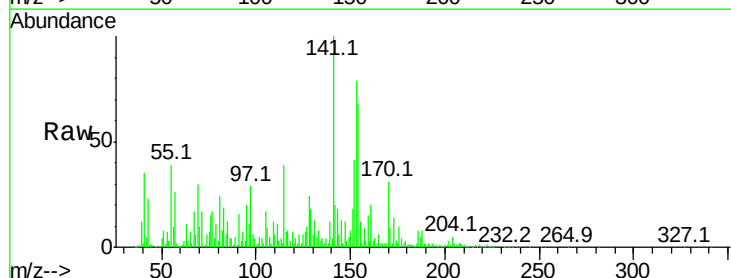


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

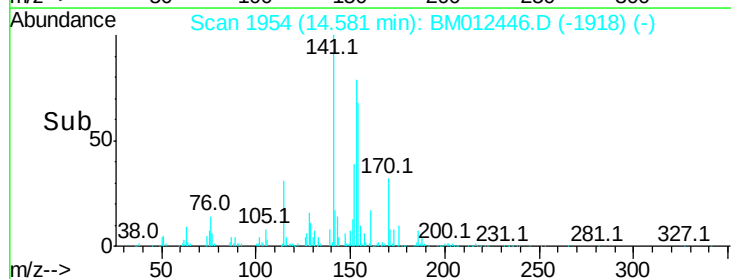
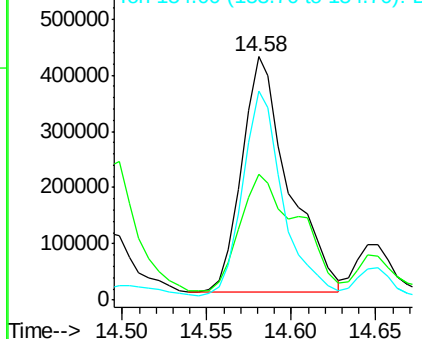


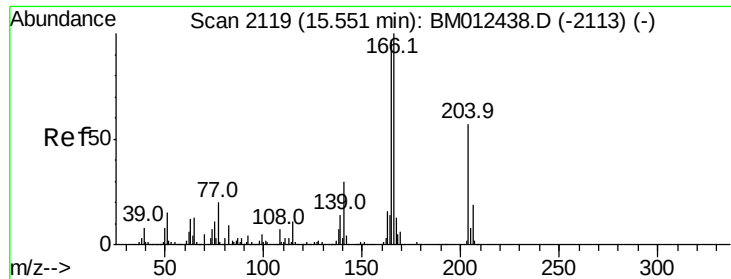
#49
Acenaphthene
Concen: 6.610 ng/ul
RT: 14.58 min Scan# 1954
Delta R.T. 0.01 min
Lab File: BM012446.D
Acq: 25 Oct 2017 15:29

Tgt Ion:153 Resp: 811787
Ion Ratio Lower Upper
153 100
152 51.4 37.6 56.4
154 85.8 70.4 105.6



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





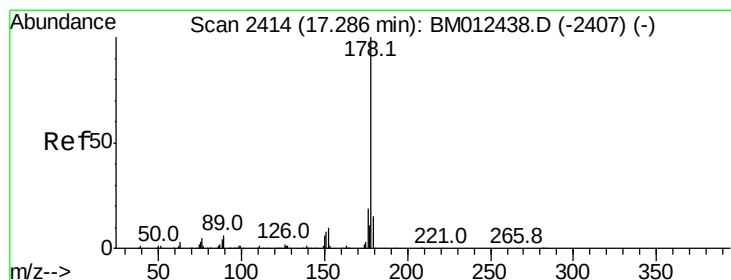
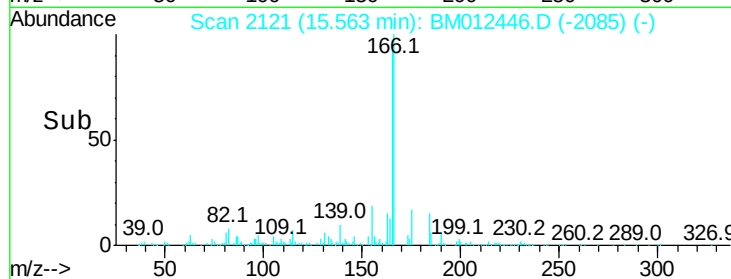
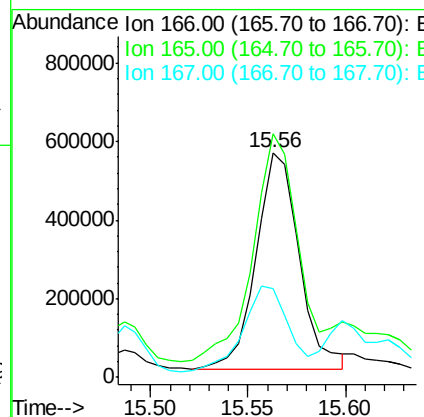
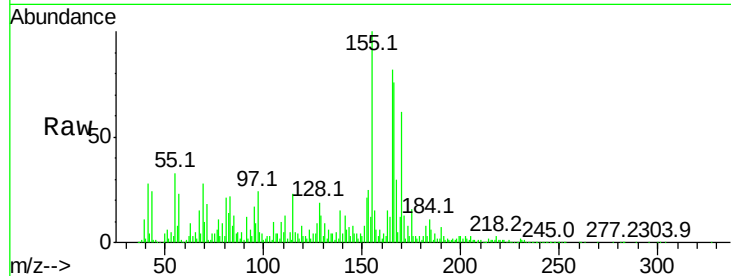
#58
 Fluorene
 Concen: 5.465 ng/ul
 RT: 15.56 min Scan# 2121
 Delta R.T. 0.01 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Instrument :
 BNA_M
 ClientSampleId :
 B-35(2-3.8)-100417

Tot Ion	Ratio	Resp	Lower	Upper
166	100			
165	108.5	77.9	116.9	
167	39.7	10.6	16.0	

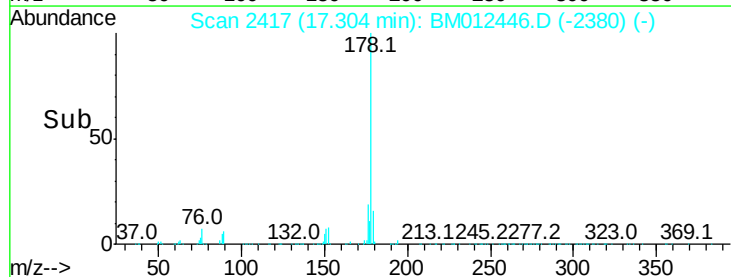
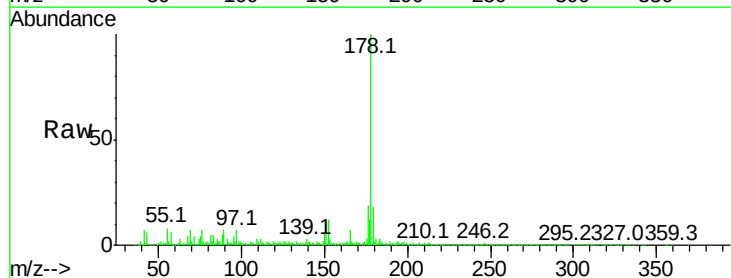
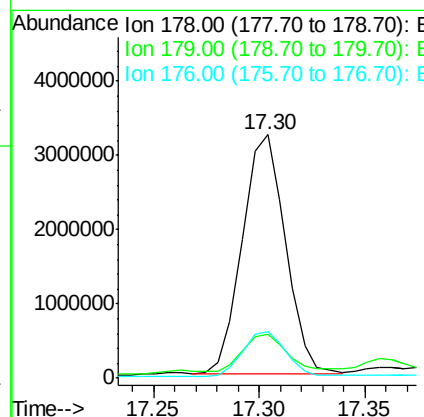
Manual Integrations
 APPROVED

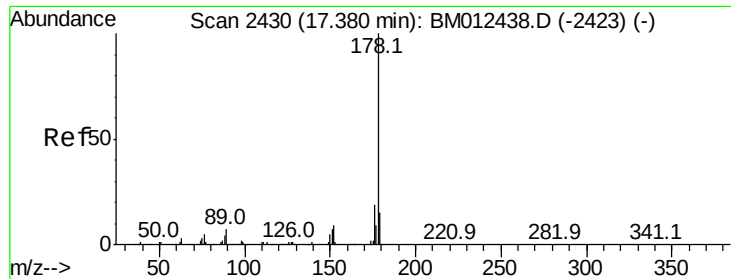
Sohil
 10/27/2017 8:53:56 AM



#69
 Phenanthrene
 Concen: 19.669 ng/ul
 RT: 17.30 min Scan# 2417
 Delta R.T. 0.02 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Tgt Ion	Ratio	Resp	Lower	Upper
178	100			
179	17.9	12.6	19.0	
176	19.3	14.9	22.3	





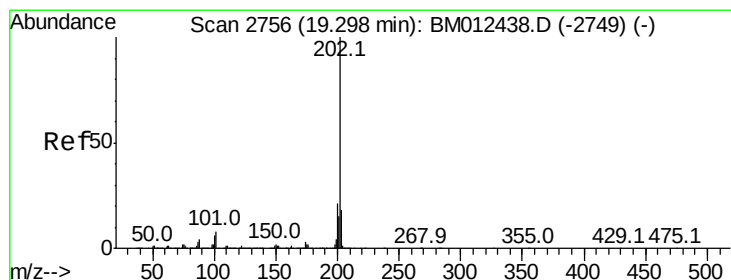
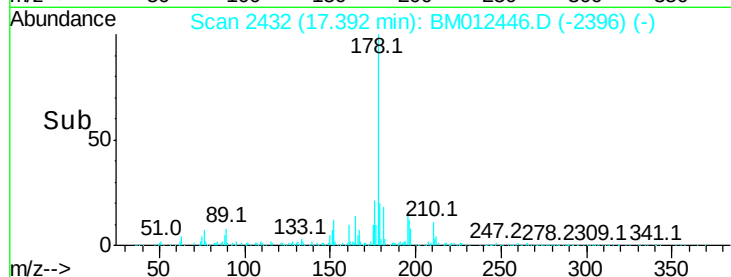
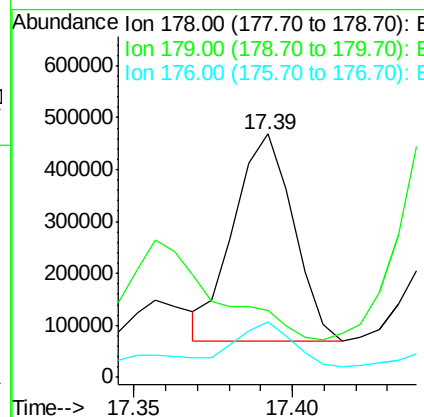
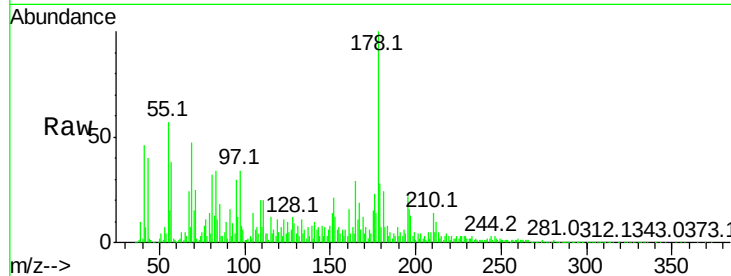
#71
 Anthracene
 Concen: 2.160 ng/ul
 RT: 17.39 min Scan# 2432
 Delta R.T. 0.01 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Instrument :
 BNA_M
 ClientSampleId :
 B-35(2-3.8)-100417

Tot Ion	Ratio	Lower	Upper
178	100		
179	27.8	11.7	17.5#
176	22.7	14.6	21.8#

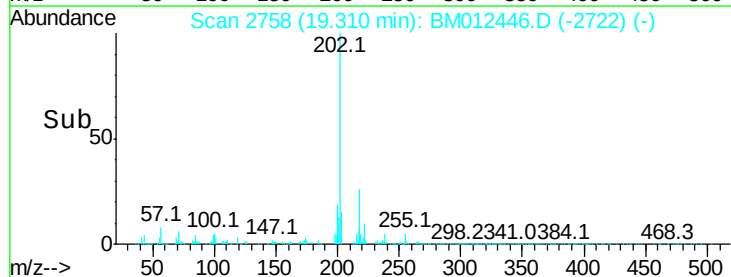
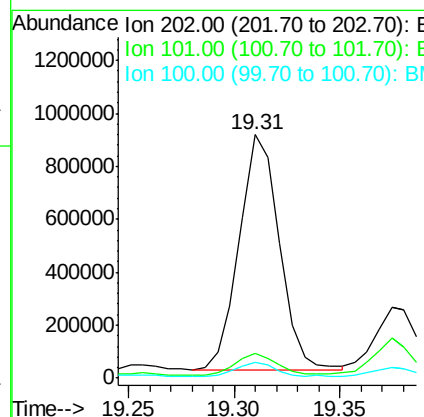
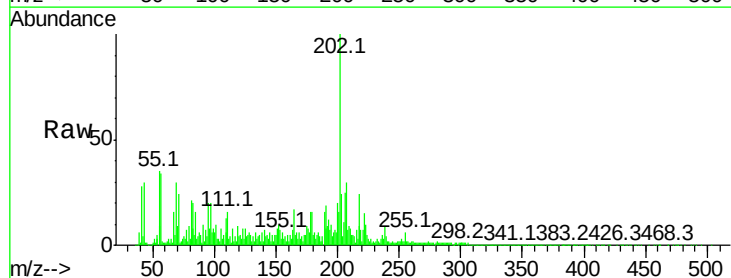
Manual Integrations
 APPROVED

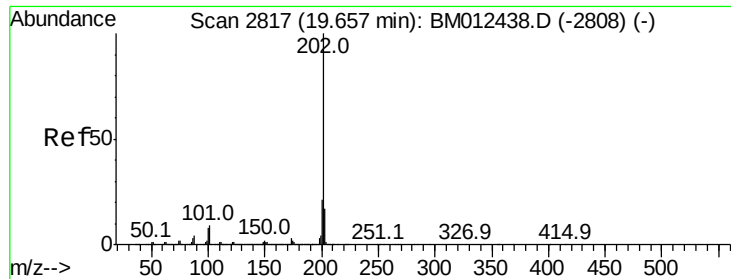
Sohil
 10/27/2017 8:53:56 AM



#74
 Fluoranthene
 Concen: 4.467 ng/ul
 RT: 19.31 min Scan# 2758
 Delta R.T. 0.01 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	4.6	7.0#
100	6.4	3.4	5.2#





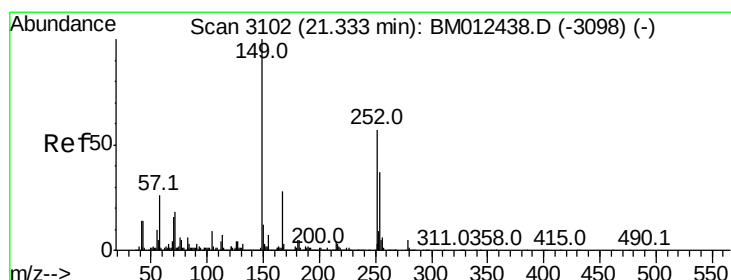
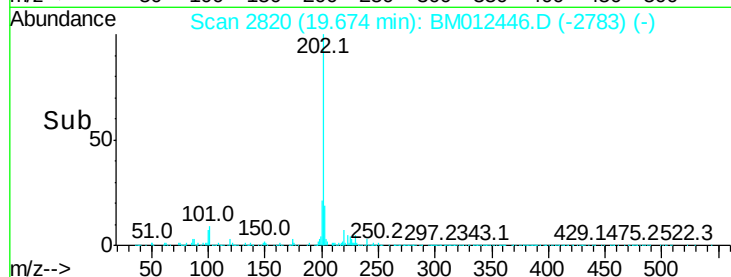
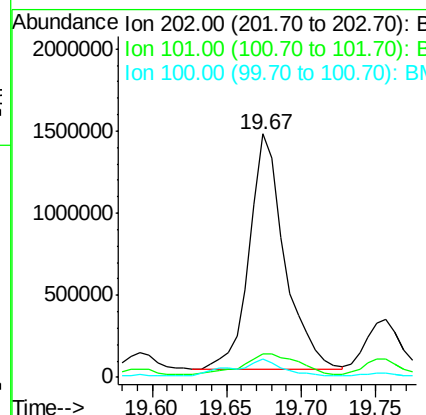
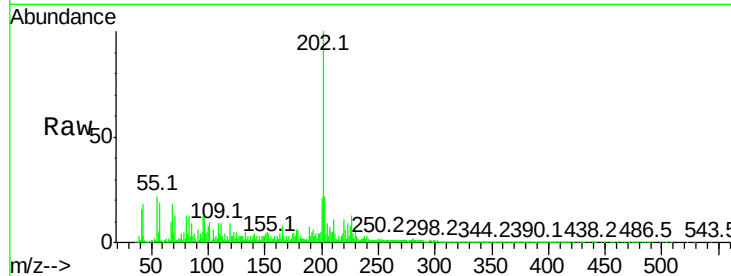
#77
 Pvrene
 Concen: 9.992 ng/ul
 RT: 19.67 min Scan# 2820
 Delta R.T. 0.02 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Instrument :
 BNA_M
 ClientSampleId :
 B-35(2-3.8)-100417

Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	5.1	7.7#
100	7.8	4.9	7.3#

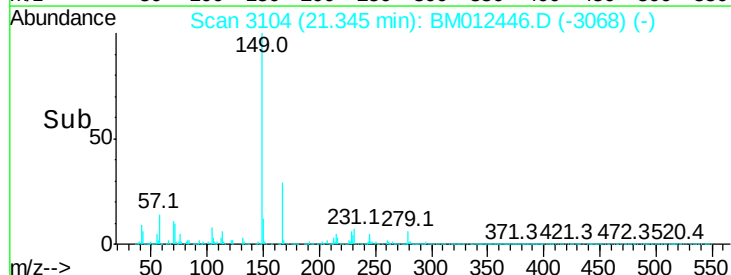
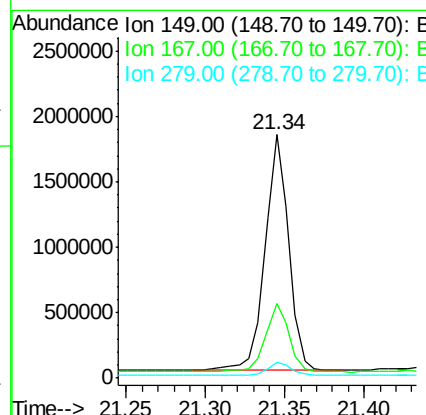
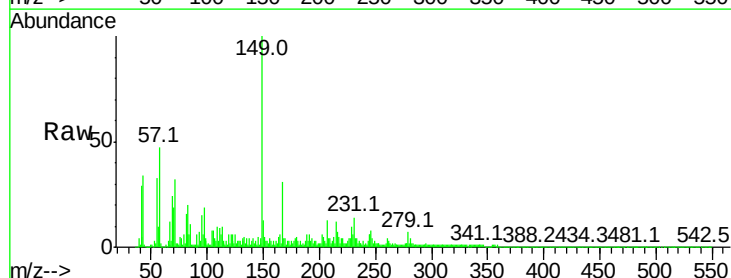
Manual Integrations
 APPROVED

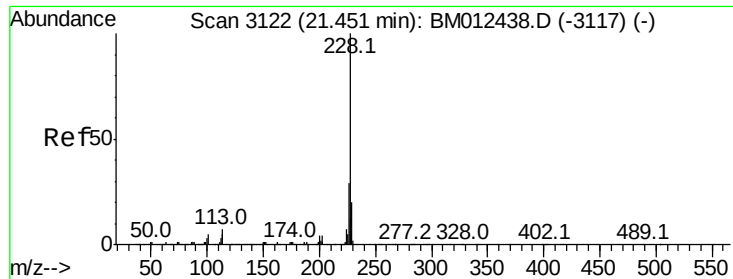
Sohil
 10/27/2017 8:53:56 AM



#81
 Bis(2-ethylhexyl)phthalate
 Concen: 13.311 ng/ul
 RT: 21.34 min Scan# 3104
 Delta R.T. 0.01 min
 Lab File: BM012446.D
 Acq: 25 Oct 2017 15:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.7	22.8	34.2
279	6.6	4.9	7.3





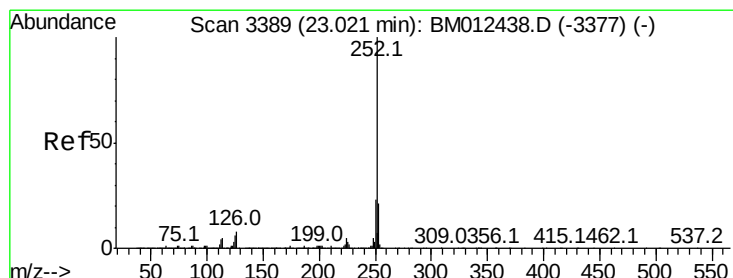
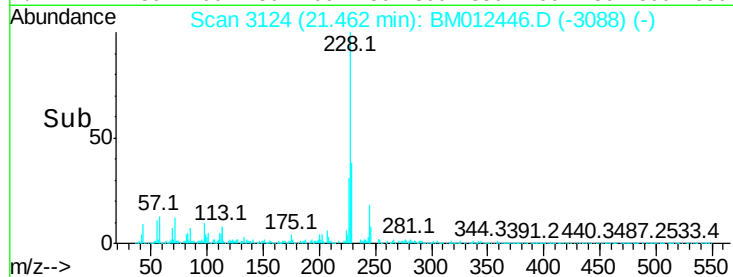
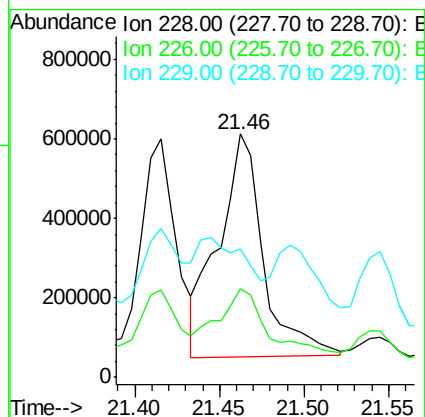
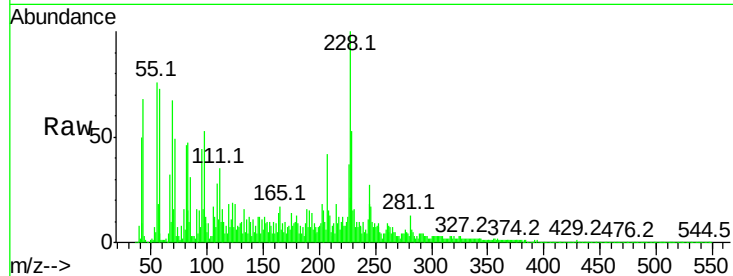
#82
Chrysene
Concen: 4.684 ng/ul
RT: 21.46 min Scan# 3124
Delta R.T. 0.01 min
Lab File: BM012446.D
Acq: 25 Oct 2017 15:29

Instrument :
BNA_M
ClientSampleId :
B-35(2-3.8)-100417

Tot Ion:228 Resp: 1034962
Ion Ratio Lower Upper
228 100
226 36.5 23.4 35.2#
229 52.6 15.5 23.3#

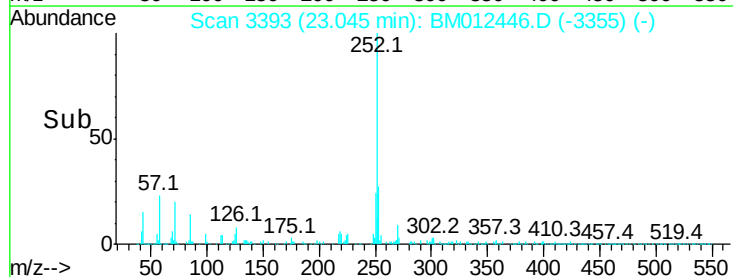
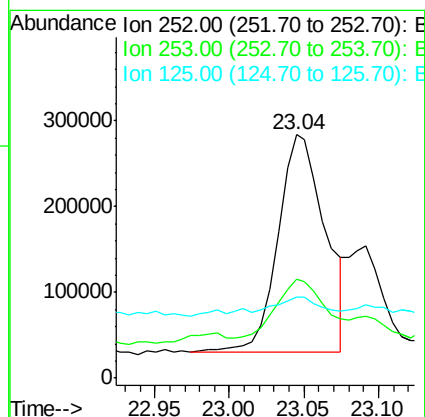
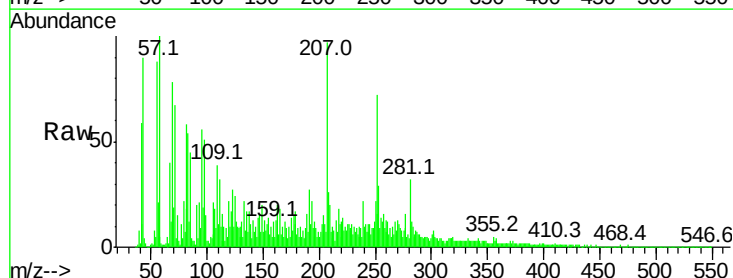
Manual Integrations
APPROVED

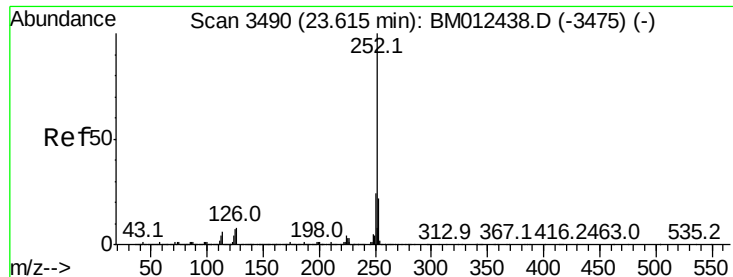
Sohil
10/27/2017 8:53:56 AM



#85
Benzo(b)fluoranthene
Concen: 2.390 ng/ul
RT: 23.04 min Scan# 3393
Delta R.T. 0.02 min
Lab File: BM012446.D
Acq: 25 Oct 2017 15:29

Tgt Ion:252 Resp: 561620
Ion Ratio Lower Upper
252 100
253 40.5 17.9 26.9#
125 33.3 3.6 5.4#





#88

Benzo(a)pyrene

Concen: 2.219 ng/ul

RT: 23.64 min Scan# 3495

Delta R.T. 0.03 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

Instrument :

BNA_M

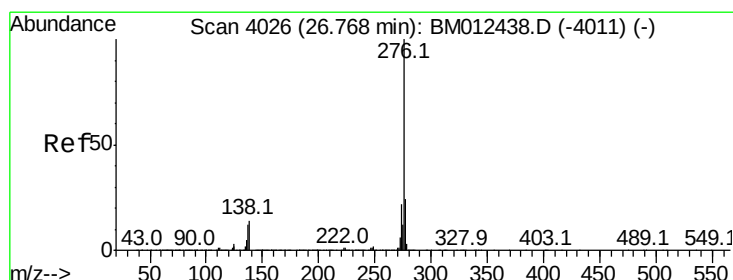
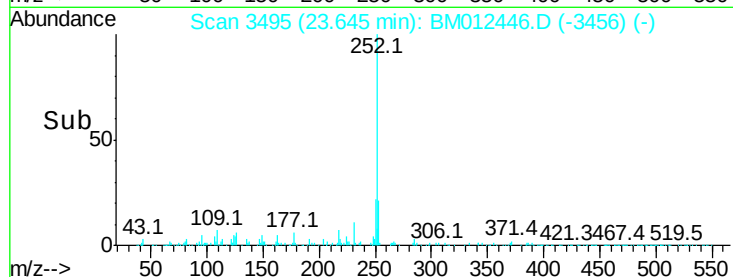
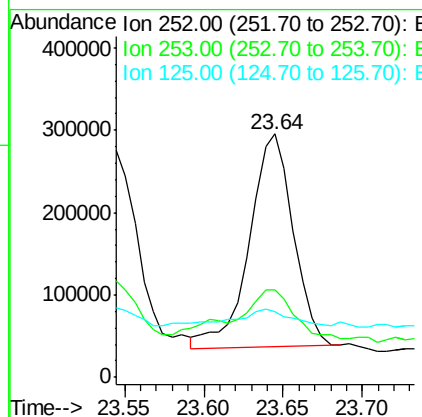
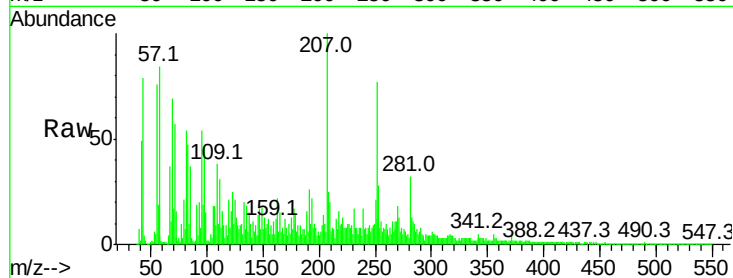
ClientSampleId :

B-35(2-3.8)-100417

Tot Ion:	252	Resp:	497125
Ion Ratio	Lower	Upper	
252	100		
253	36.0	18.2	27.2#
125	27.0	4.0	6.0#

Manual Integrations
APPROVED

Sohil
10/27/2017 8:53:56 AM



#91

Benzo(g,h,i)perylene

Concen: 1.609 ng/ul

RT: 26.82 min Scan# 4034

Delta R.T. 0.05 min

Lab File: BM012446.D

Acq: 25 Oct 2017 15:29

Tgt Ion:	276	Resp:	343856
Ion Ratio	Lower	Upper	
276	100		
138	23.0	8.5	12.7#
277	35.6	18.6	28.0#

