

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
 Data File : BM012820.D
 Acq On : 08 Nov 2017 14:34
 Operator : SJ/JU
 Sample : I6175-02
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 B-79(1-2)-102617

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:48:26 PM

Quant Time: Nov 09 02:09:33 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Nov 09 01:31:40 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	105242	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	403449	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.44	164	223803	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	464804m	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	512542	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	576503	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.29	96	8445m	4.34	ng/uL	0.00
5) Phenol-d5	6.97	99	174382	22.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	114508	26.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	145489	22.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.51	113	103360	15.29	ng/ul	0.00
19) Nitrobenzene-d5	8.96	128	78121	26.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	71813	21.06	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.22	165	129355	18.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.73	131	156669	23.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.85	166	370603	20.01	ng/ul	0.00
46) Acenaphthylene-d8	14.13	160	482283	21.05	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	9735	3.28	ng/ul	0.02
57) Fluorene-d10	15.43	176	307997	19.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.57	200	4655m	1.52	ng/ul	0.00
70) Anthracene-d10	17.28	188	420124	18.71	ng/ul	0.00
78) Pyrene-d10	19.57	212	439163	18.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	503607	18.48	ng/ul	0.00

Target Compounds

					Qvalue	
6) Phenol	7.00	94	19779	2.461	ng/ul#	81
28) Naphthalene	10.64	128	146609	7.269	ng/ul#	93
34) 2-Methylnaphthalene	12.25	142	141220	9.161	ng/ul	100
44) Dimethylphthalate	13.89	163	112100	6.100	ng/ul#	97
49) Acenaphthene	14.50	153	58320	3.856	ng/ul	99
53) Dibenzofuran	14.84	168	43912	1.990	ng/ul	96
58) Fluorene	15.49	166	111390	6.078	ng/ul	98
69) Phenanthrene	17.23	178	608986	23.971	ng/ul	99
76) Fluoranthene	19.24	202	219422	7.187	ng/ul	95
79) Pyrene	19.60	202	205921	6.734	ng/ul#	92
83) Bis(2-ethylhexyl)phthalate	21.27	149	43906	2.703	ng/ul#	91
84) Chrysene	21.40	228	50076	1.782	ng/ul#	93

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

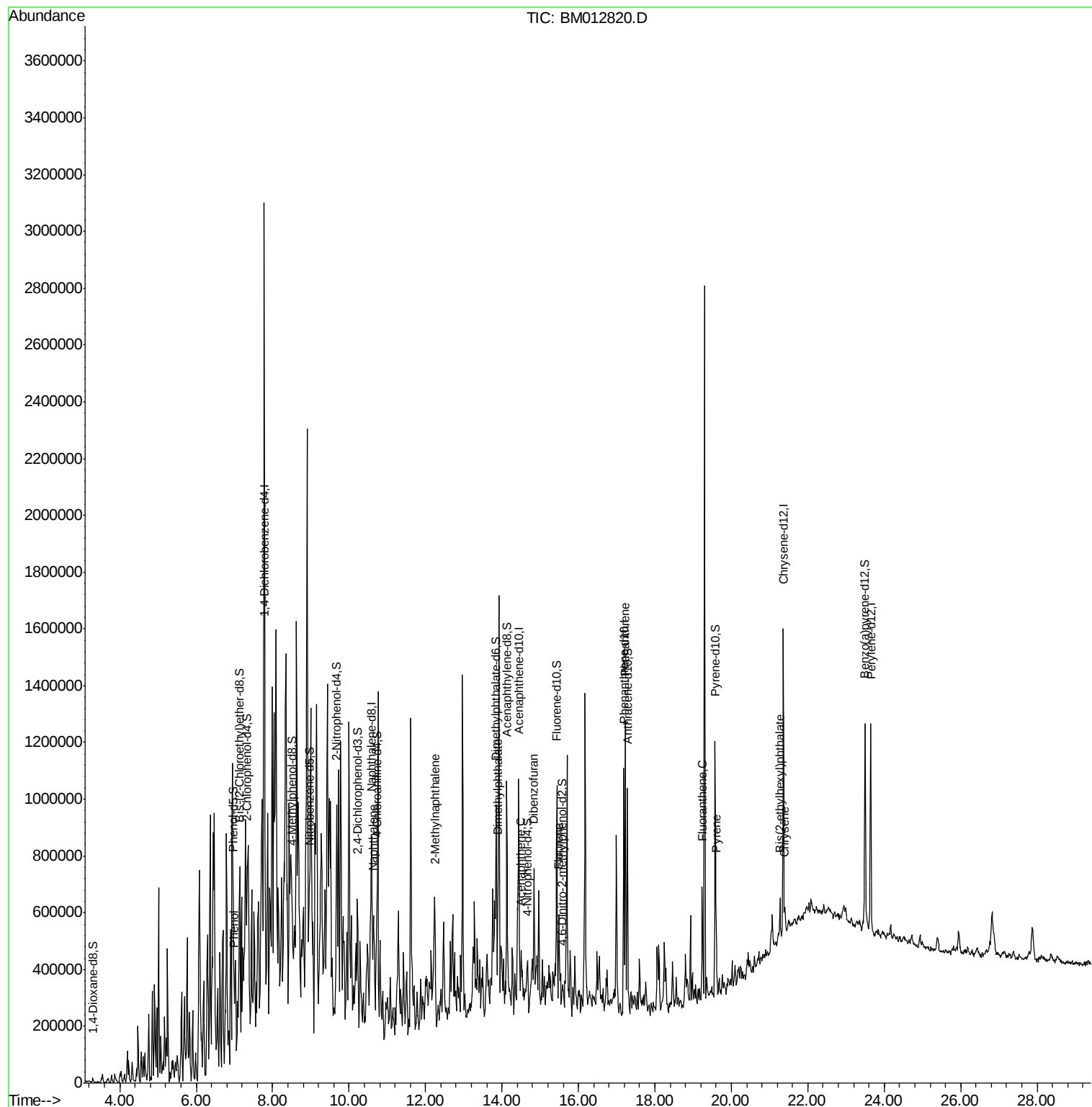
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM110817\
Data File : BM012820.D
Acq On : 08 Nov 2017 14:34
Operator : SJ/JU
Sample : I6175-02
Misc :
ALS Vial : 8 Sample Multiplier: 1

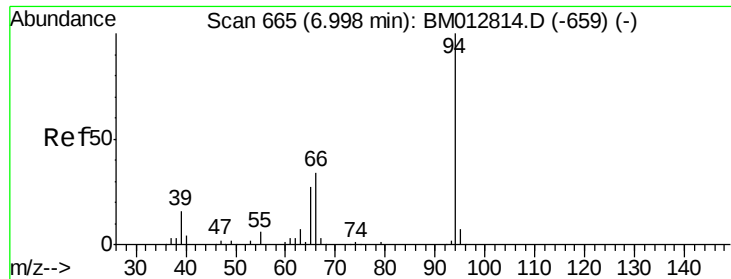
Instrument :
BNA_M
ClientSampleId :
B-79(1-2)-102617

Manual Integrations
APPROVED

Sohil
11/9/2017 3:48:26 PM

Quant Time: Nov 09 02:09:33 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Nov 09 01:31:40 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.461 ng/ul

RT: 7.00 min Scan# 665

Delta R.T. -0.00 min

Lab File: BM012820.D

Acq: 08 Nov 2017 14:34

Instrument :

BNA_M

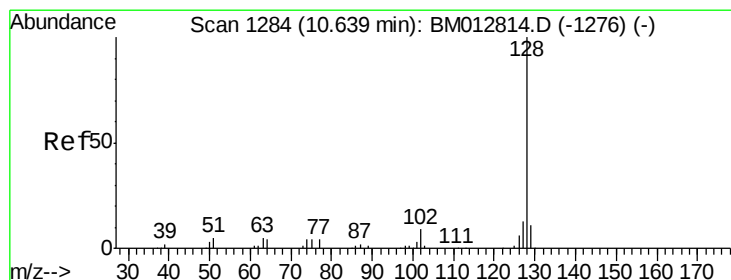
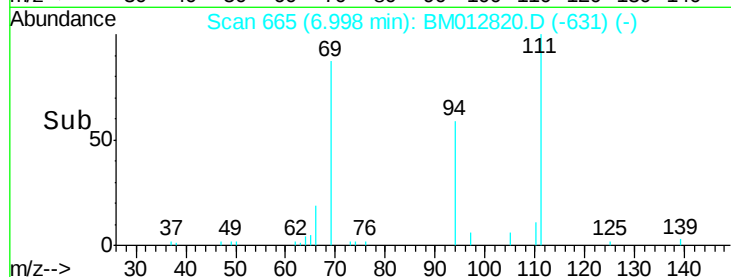
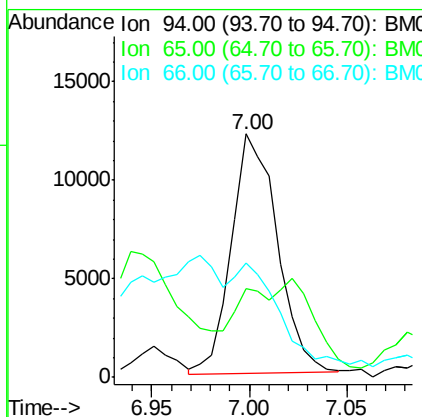
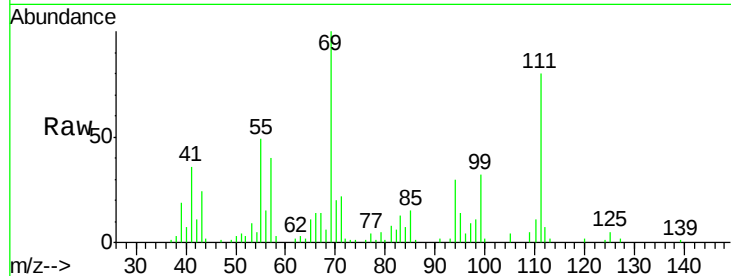
ClientSampleId :

B-79(1-2)-102617

Tgt Ion:	94	Resp:	19779
Ion Ratio	Lower	Upper	
94	100		
65	36.6	21.0	31.6#
66	47.1	29.3	43.9#

Manual Integrations
APPROVED

Sohil
11/9/2017 3:48:26 PM



#28

Naphthalene

Concen: 7.269 ng/ul

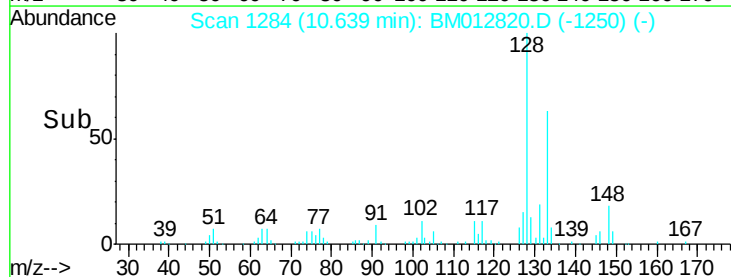
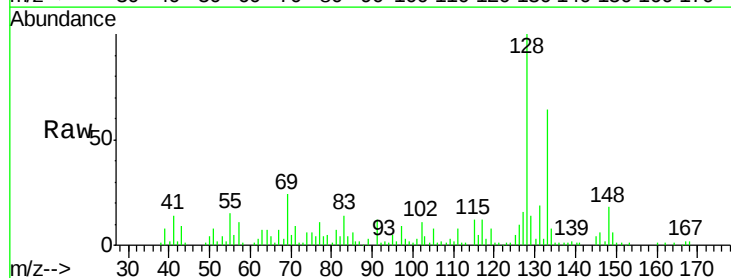
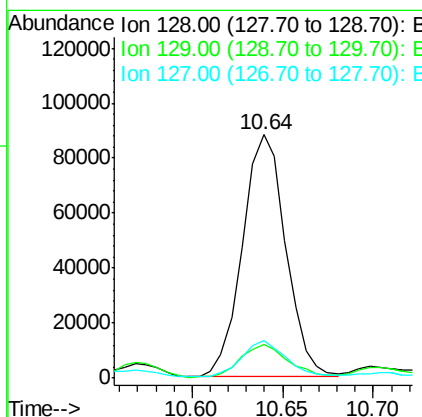
RT: 10.64 min Scan# 1284

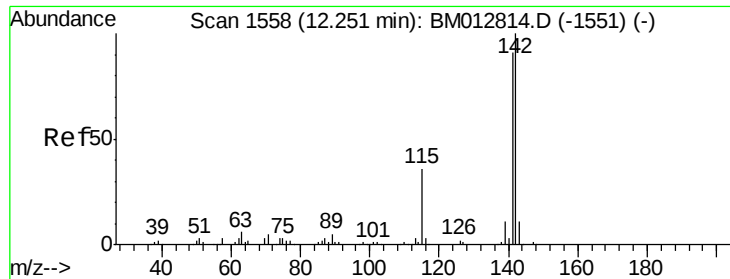
Delta R.T. -0.00 min

Lab File: BM012820.D

Acq: 08 Nov 2017 14:34

Tgt Ion:	128	Resp:	146609
Ion Ratio	Lower	Upper	
128	100		
129	13.7	8.8	13.2#
127	15.6	10.5	15.7





#34

2-Methylnaphthalene

Concen: 9.161 ng/ul

RT: 12.25 min Scan# 1558

Delta R.T. -0.00 min

Lab File: BM012820.D

Acq: 08 Nov 2017 14:34

Instrument :

BNA_M

ClientSampleId :

B-79(1-2)-102617

Tgt Ion:142 Resp: 141220

Ion Ratio Lower Upper

142 100

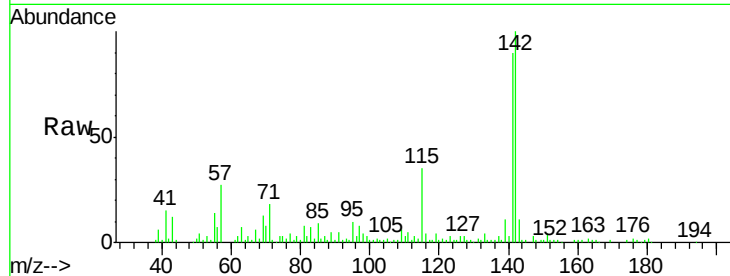
141 89.9 71.6 107.4

Manual Integrations

APPROVED

Sohil

11/9/2017 3:48:26 PM



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

100000

80000

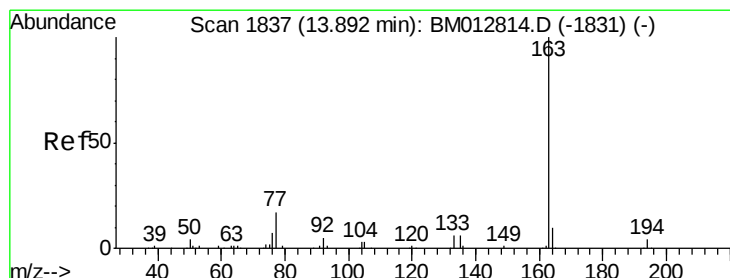
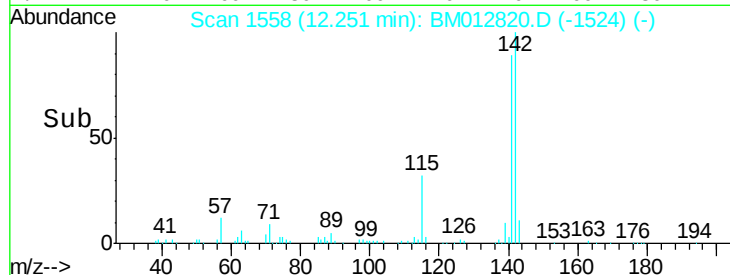
60000

40000

20000

0

Time-->



#44

Dimethylphthalate

Concen: 6.100 ng/ul

RT: 13.89 min Scan# 1837

Delta R.T. -0.00 min

Lab File: BM012820.D

Acq: 08 Nov 2017 14:34

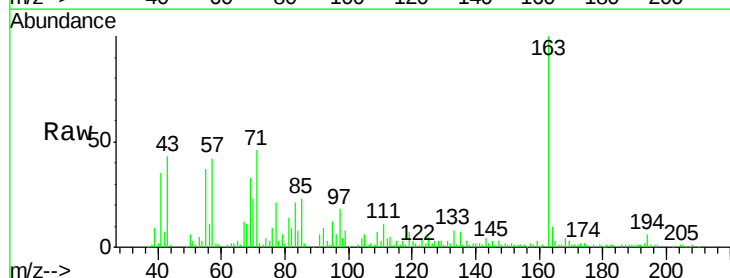
Tgt Ion:163 Resp: 112100

Ion Ratio Lower Upper

163 100

194 5.9 3.2 4.8#

164 10.3 7.8 11.8



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

100000

80000

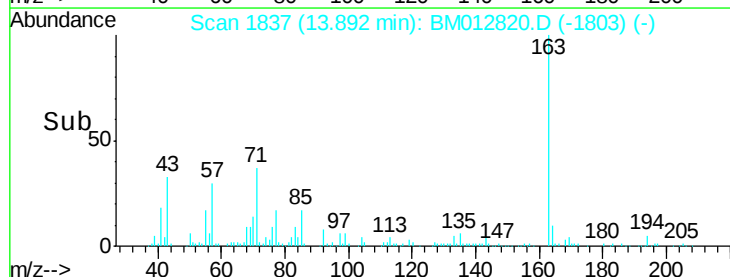
60000

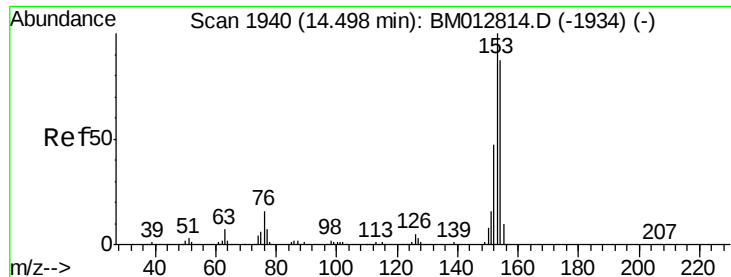
40000

20000

0

Time-->





#49

Acenaphthene

Concen: 3.856 ng/ul

RT: 14.50 min Scan# 1941

Delta R.T. 0.01 min

Lab File: BM012820.D

Acq: 08 Nov 2017 14:34

Instrument :

BNA_M

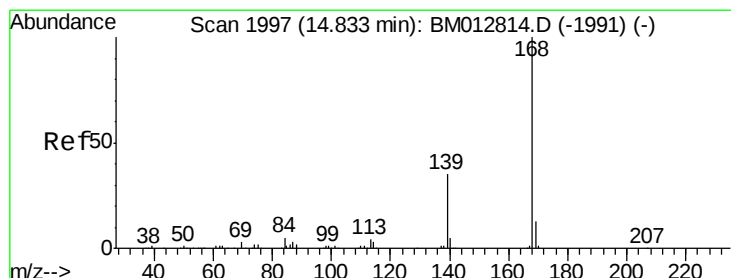
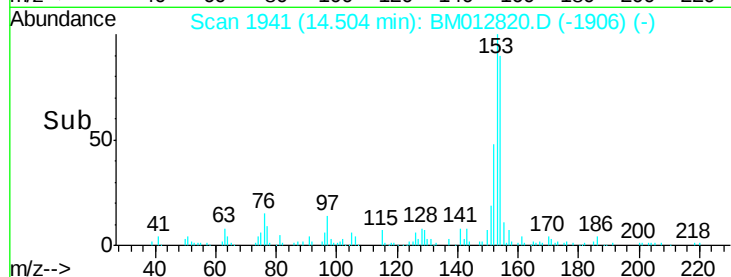
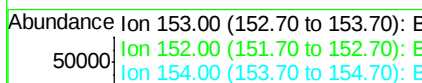
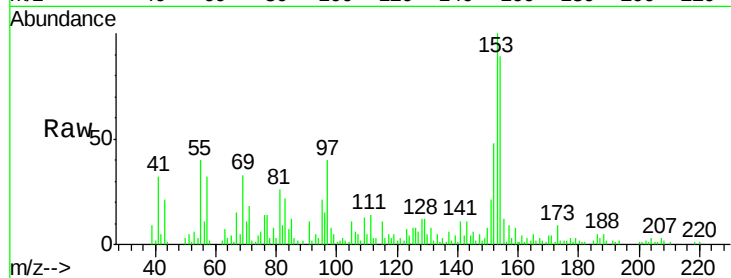
ClientSampleId :

B-79(1-2)-102617

Tgt Ion:	153	Resp:	58320
Ion Ratio	Lower	Upper	
153	100		
152	48.4	38.3	57.5
154	89.4	71.8	107.8

Manual Integrations
APPROVED

Sohil
11/9/2017 3:48:26 PM



#53

Dibenzofuran

Concen: 1.990 ng/ul

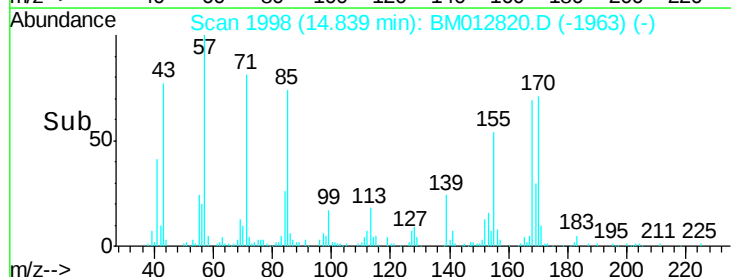
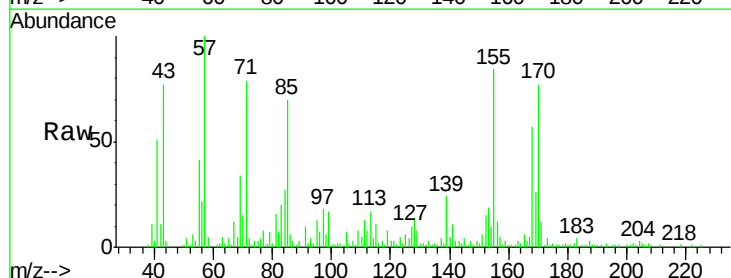
RT: 14.84 min Scan# 1998

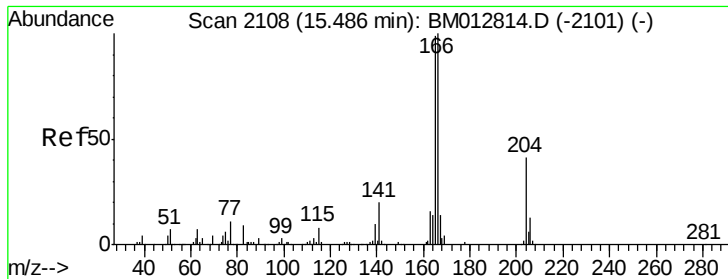
Delta R.T. 0.01 min

Lab File: BM012820.D

Acq: 08 Nov 2017 14:34

Tgt Ion:	168	Resp:	43912
Ion Ratio	Lower	Upper	
168	100		
139	42.7	32.2	48.2





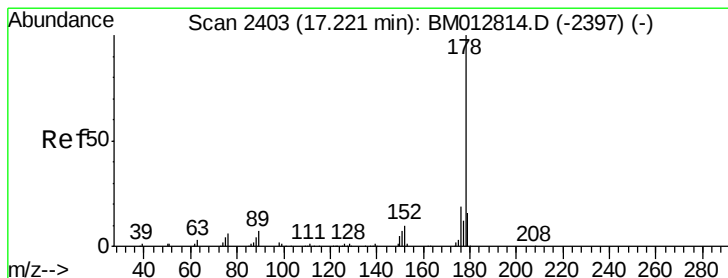
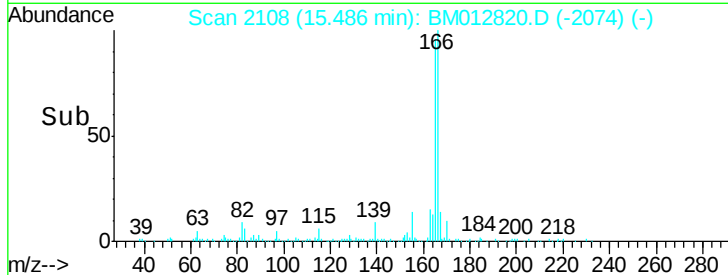
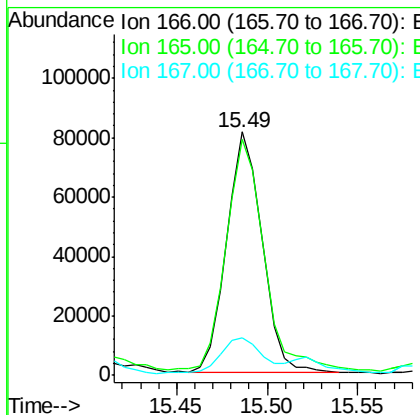
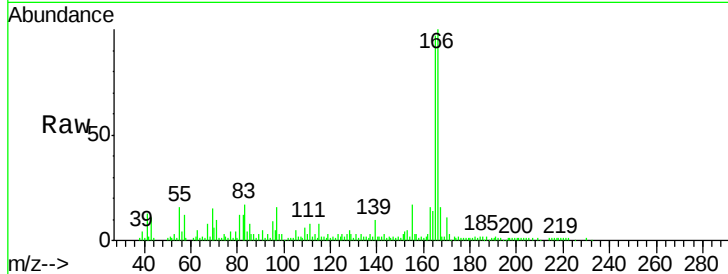
#58
 Fluorene
 Concen: 6.078 ng/ul
 RT: 15.49 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BM012820.D
 Acq: 08 Nov 2017 14:34

Instrument :
 BNA_M
 ClientSampleId :
 B-79(1-2)-102617

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	111390		
165	97.1	78.5	117.7	
167	15.6	10.7	16.1	

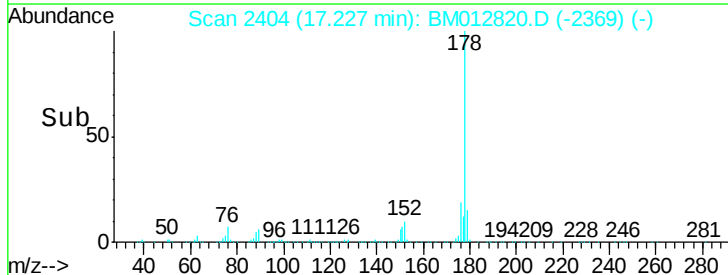
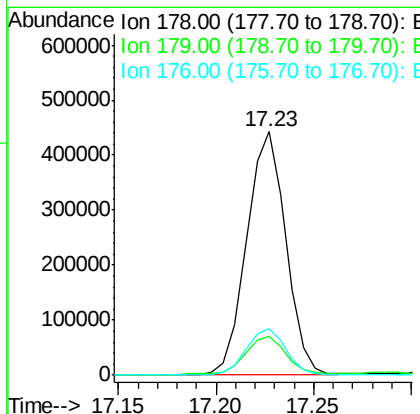
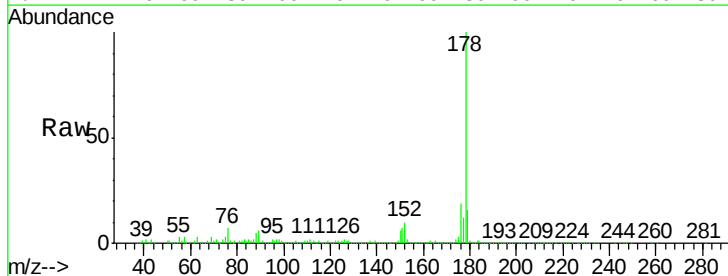
Manual Integrations
 APPROVED

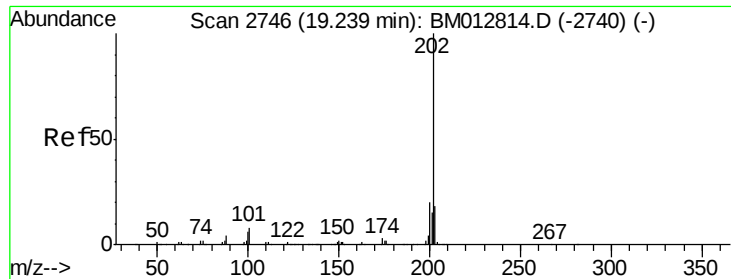
Sohil
 11/9/2017 3:48:26 PM



#69
 Phenanthrene
 Concen: 23.971 ng/ul
 RT: 17.23 min Scan# 2404
 Delta R.T. 0.01 min
 Lab File: BM012820.D
 Acq: 08 Nov 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	608986		
179	15.8	12.2	18.4	
176	18.8	15.6	23.4	





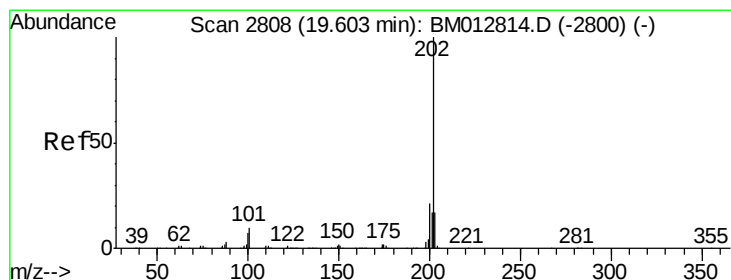
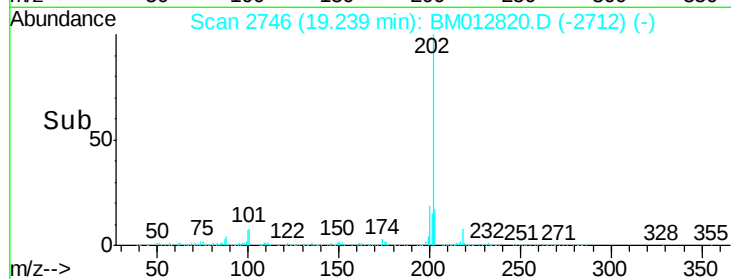
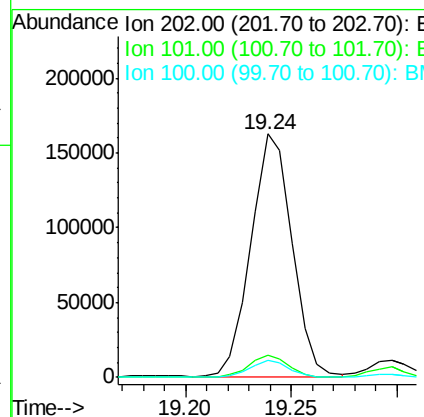
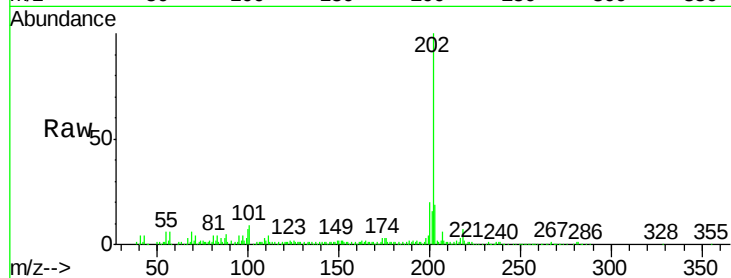
#76
 Fluoranthene
 Concen: 7.187 ng/ul
 RT: 19.24 min Scan# 2746
 Delta R.T. -0.00 min
 Lab File: BM012820.D
 Acq: 08 Nov 2017 14:34

Instrument :
 BNA_M
 ClientSampleId :
 B-79(1-2)-102617

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	219422		
101	9.0	8.8	13.2	
100	6.9	6.6	9.8	

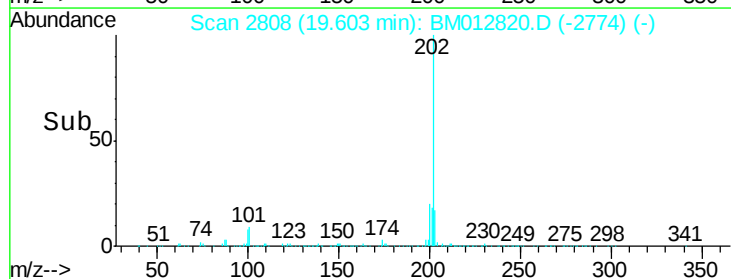
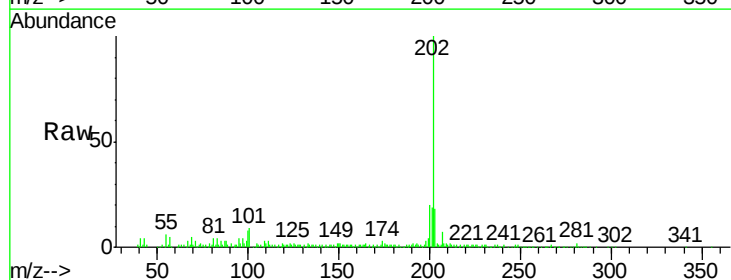
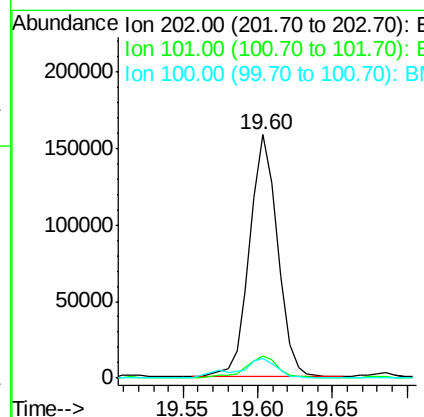
Manual Integrations
 APPROVED

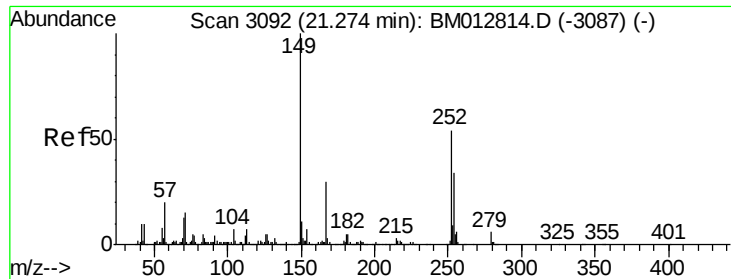
Sohil
 11/9/2017 3:48:26 PM



#79
 Pyrene
 Concen: 6.734 ng/ul
 RT: 19.60 min Scan# 2808
 Delta R.T. -0.00 min
 Lab File: BM012820.D
 Acq: 08 Nov 2017 14:34

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	205921		
101	9.0	10.2	15.2#	
100	8.3	8.5	12.7#	





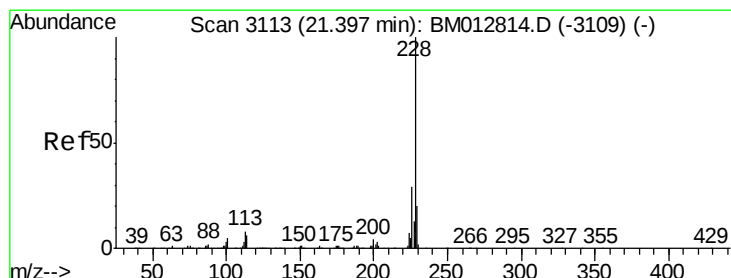
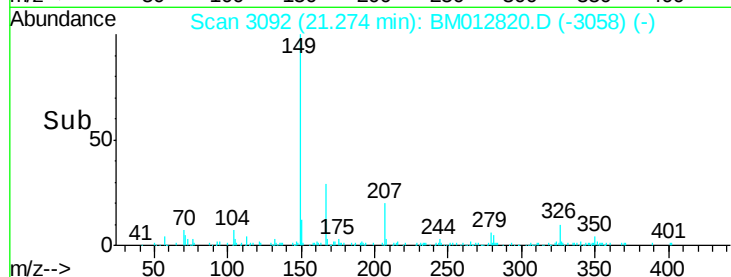
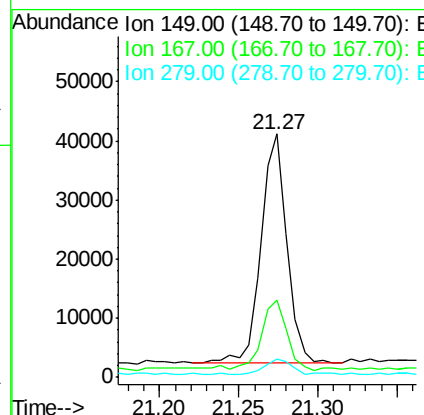
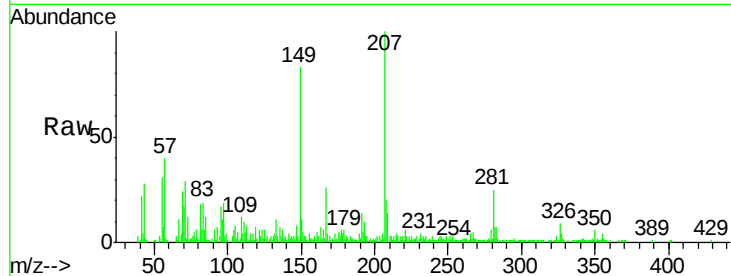
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.703 ng/ul
 RT: 21.27 min Scan# 3092
 Delta R.T. -0.00 min
 Lab File: BM012820.D
 Acq: 08 Nov 2017 14:34

Instrument :
 BNA_M
 ClientSampleId :
 B-79(1-2)-102617

Tgt Ion	Ratio	Lower	Upper
149	100		
167	31.5	21.6	32.4
279	7.4	3.0	4.4

Manual Integrations
 APPROVED

Sohil
 11/9/2017 3:48:26 PM



#84
 Chrysene
 Concen: 1.782 ng/ul
 RT: 21.40 min Scan# 3113
 Delta R.T. -0.00 min
 Lab File: BM012820.D
 Acq: 08 Nov 2017 14:34

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.0	36.0
229	26.2	15.6	23.4

