

Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
 Data File : BM013890.D
 Acq On : 27 Jan 2018 18:43
 Operator : SJ/JU
 Sample : J1243-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6B26

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:04:00 PM

Quant Time: Jan 28 01:53:56 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jan 28 01:01:50 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	117259	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	438492	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	259589	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	623225	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	750818	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	761690	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.15	96	11719	3.95	ng/uL	0.00
5) Phenol-d5	6.77	99	199417	22.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.93	67	125279	22.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.12	132	170235	23.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.30	113	161375	23.32	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	79482	23.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.46	143	90224	25.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.99	165	160548	23.12	ng/ul	0.00
29) 4-Chloroaniline-d4	10.51	131	173055	28.72	ng/ul	0.00
43) Dimethylphthalate-d6	13.66	166	512411	23.95	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	661175	24.23	ng/ul	0.00
51) 4-Nitrophenol-d4	14.48	143	60869	17.51	ng/ul	0.00
57) Fluorene-d10	15.23	176	470330	25.00	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.38	200	67161	17.90	ng/ul	0.00
70) Anthracene-d10	17.09	188	740001m	24.38	ng/ul	0.00
76) Pyrene-d10	19.39	212	866158	24.78	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	892919	25.51	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.79	94	23244	2.574	ng/ul 91
28) Naphthalene	10.40	128	246264	11.289	ng/ul 99
34) 2-Methylnaphthalene	12.03	142	100972	6.208	ng/ul 95
44) Dimethylphthalate	13.70	163	224462	10.671	ng/ul# 97
49) Acenaphthene	14.30	153	48431	2.801	ng/ul 96
53) Dibenzofuran	14.64	168	75510	2.903	ng/ul 93
55) 2,3,4,6-Tetrachlorophenol	14.88	232	24224m	4.445	ng/ul
58) Fluorene	15.29	166	46244	2.171	ng/ul 91
68) Pentachlorophenol	16.64	266	316149	75.087	ng/ul 97
69) Phenanthrene	17.03	178	225322	6.504	ng/ul 96
74) Fluoranthene	19.06	202	121048	2.927	ng/ul# 95
77) Pyrene	19.42	202	83159	1.822	ng/ul# 92

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

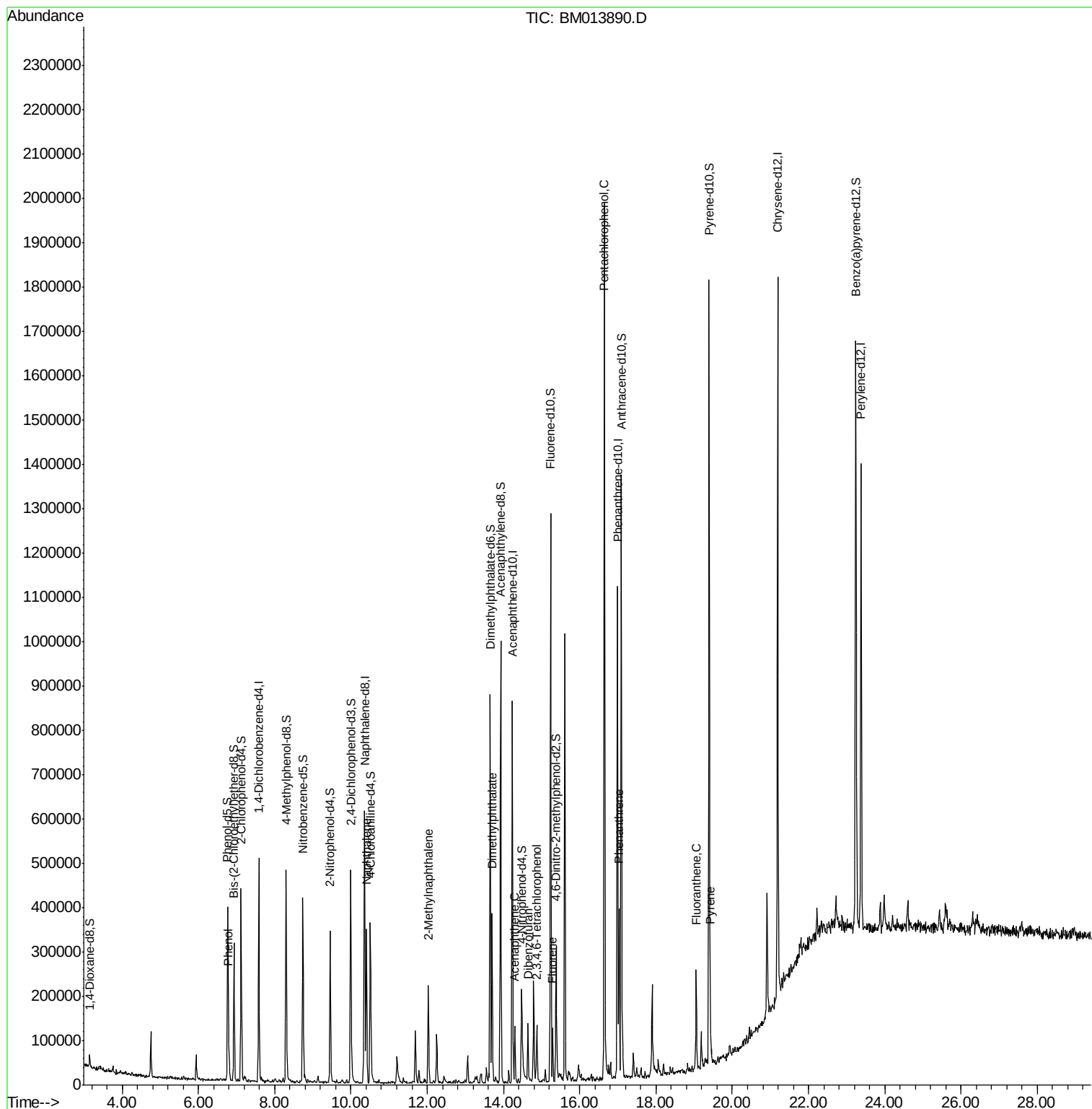
Data Path : Z:\HPCHEM1\BNA M\DATA\BM012718\
Data File : BM013890.D
Acq On : 27 Jan 2018 18:43
Operator : SJ/JU
Sample : J1243-03
Misc :
ALS Vial : 15 Sample Multiplier: 1

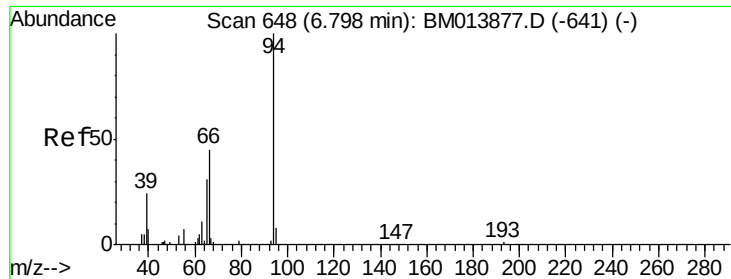
Instrument :
BNA_M
ClientSampleId :
F6B26

Manual Integrations
APPROVED

Sohil
1/29/2018 6:04:00 PM

Quant Time: Jan 28 01:53:56 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sun Jan 28 01:01:50 2018
Response via : Initial Calibration





#6

Phenol

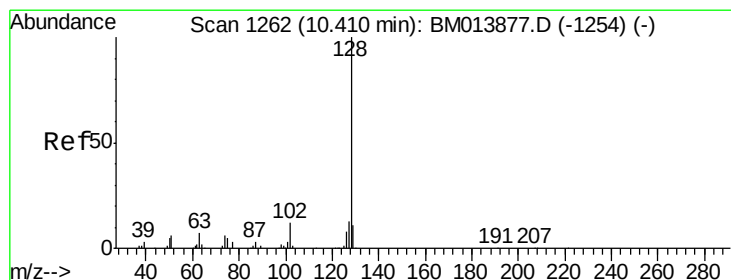
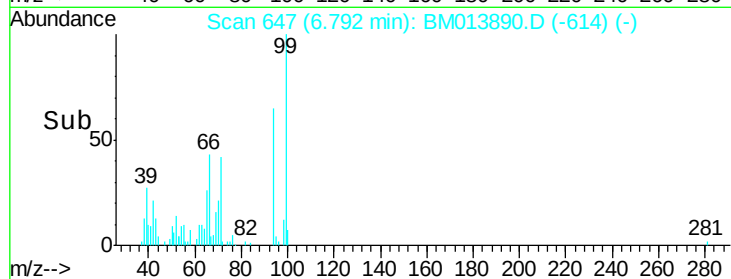
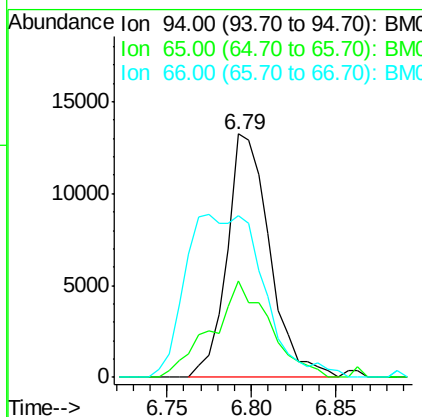
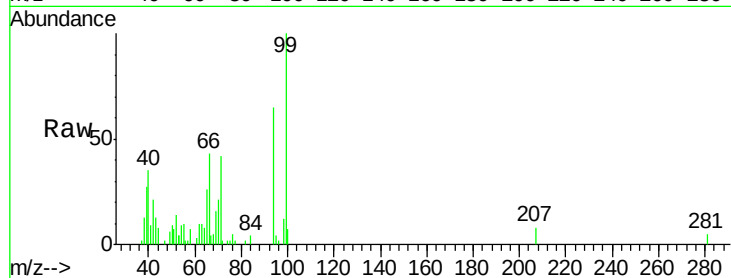
Concen: 2.574 ng/ul
 RT: 6.79 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BM013890.D
 Acq: 27 Jan 2018 18:43

Instrument :
 BNA_M
 ClientSampleId :
 F6B26

Tot Ion	Ratio	Lower	Upper
94	100		
65	39.7	28.2	42.4
66	66.6	47.2	70.8

Manual Integrations
 APPROVED

Sohil
 1/29/2018 6:04:00 PM

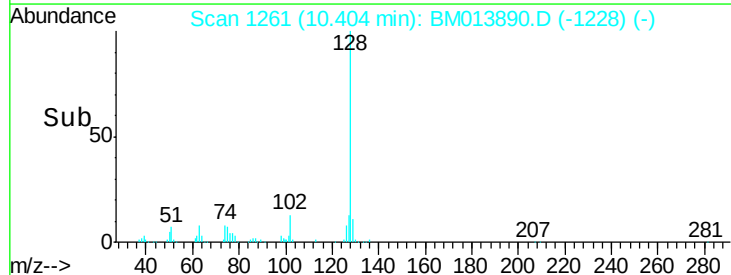
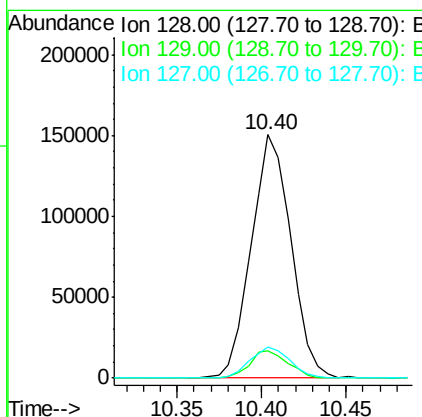
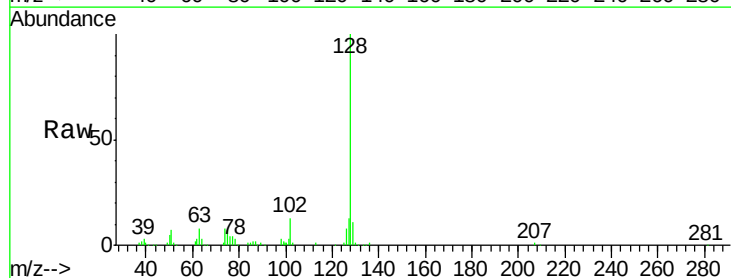


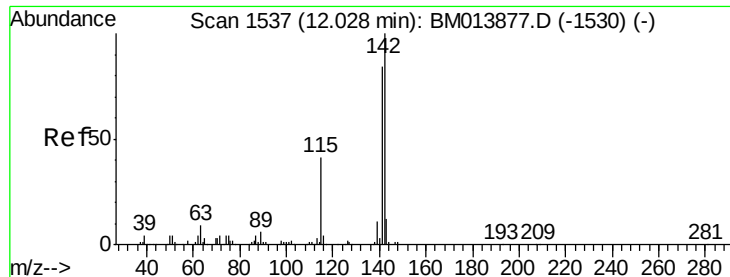
#28

Naphthalene

Concen: 11.289 ng/ul
 RT: 10.40 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BM013890.D
 Acq: 27 Jan 2018 18:43

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	12.6	10.6	16.0





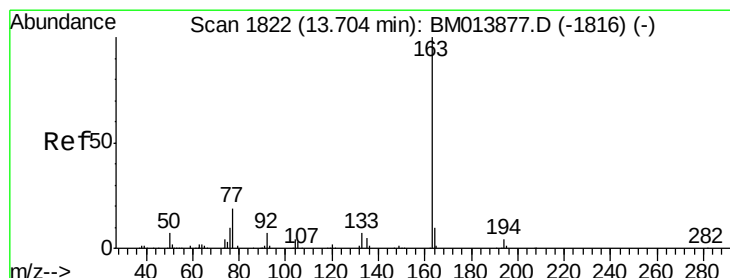
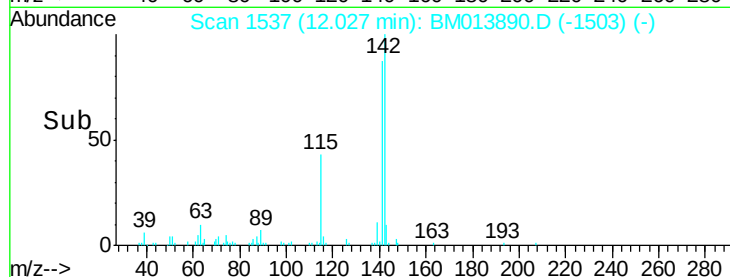
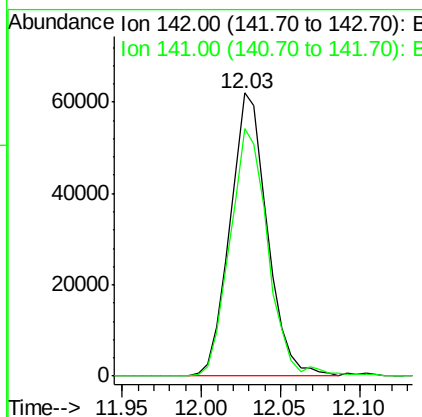
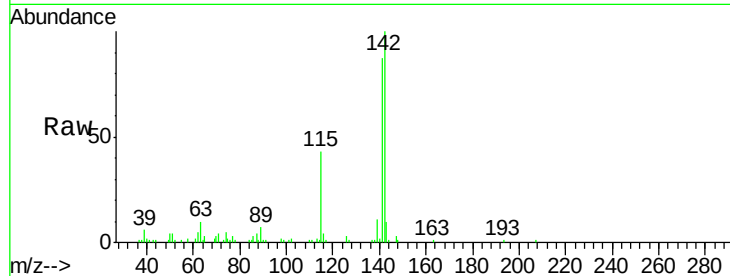
#34
2-Methylnaphthalene
Concen: 6.208 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BM013890.D
Acq: 27 Jan 2018 18:43

Instrument :
BNA_M
ClientSampleId :
F6B26

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.5	74.1	111.1

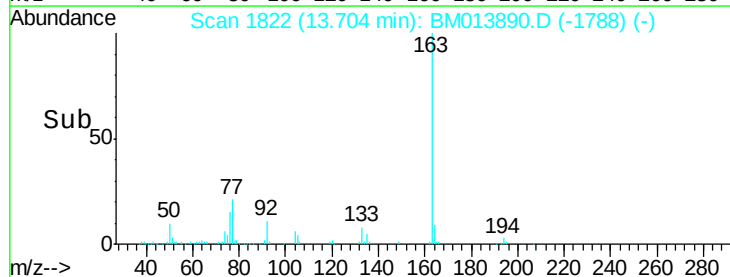
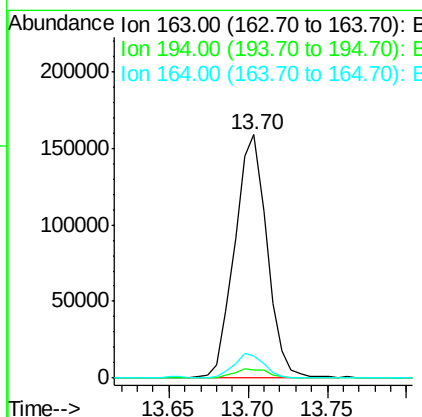
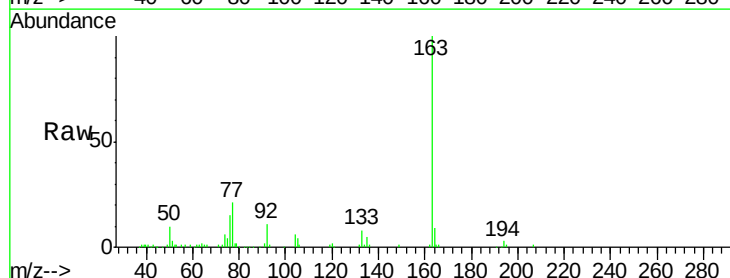
Manual Integrations
APPROVED

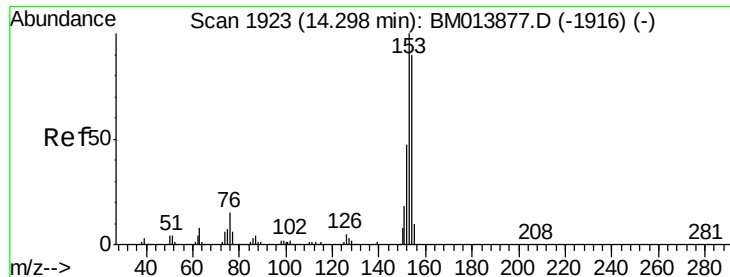
Sohil
1/29/2018 6:04:00 PM



#44
Dimethylphthalate
Concen: 10.671 ng/ul
RT: 13.70 min Scan# 1822
Delta R.T. -0.00 min
Lab File: BM013890.D
Acq: 27 Jan 2018 18:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.5	3.5	5.3#
164	9.0	8.2	12.4





#49

Acenaphthene

Concen: 2.801 ng/ul

RT: 14.30 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM013890.D

Acq: 27 Jan 2018 18:43

Instrument :

BNA_M

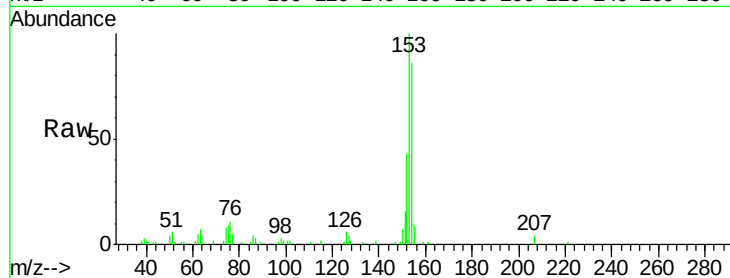
ClientSampleId :

F6B26

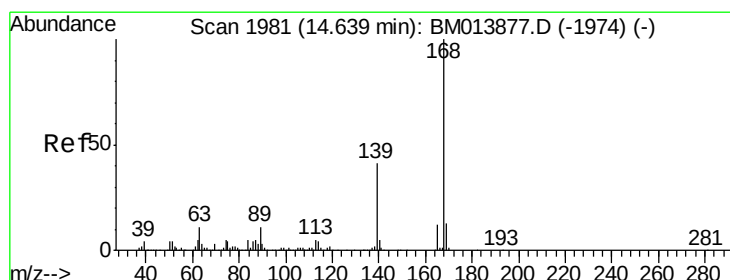
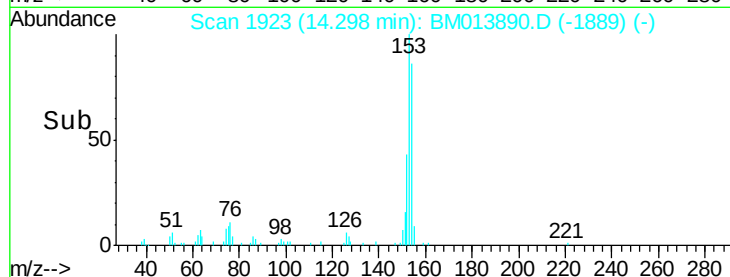
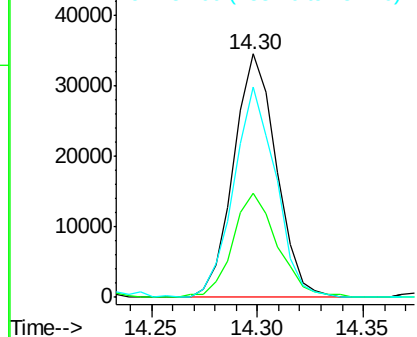
Tot Ion:	153	Resp:	48431
Ion Ratio	Lower	Upper	
153	100		
152	42.6	37.6	56.4
154	86.2	70.4	105.6

Manual Integrations
APPROVED

Sohil
1/29/2018 6:04:00 PM



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



#53

Dibenzofuran

Concen: 2.903 ng/ul

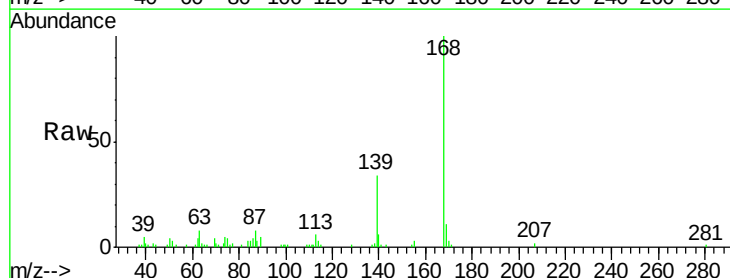
RT: 14.64 min Scan# 1981

Delta R.T. -0.00 min

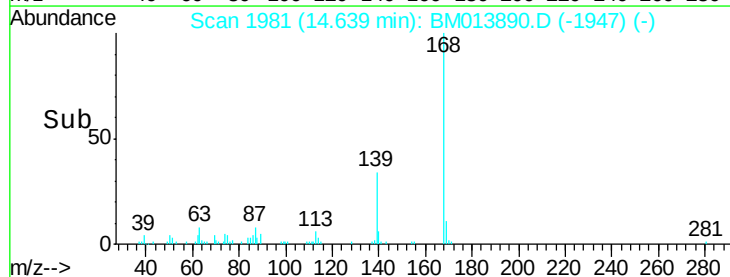
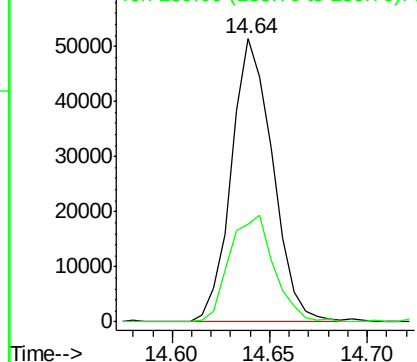
Lab File: BM013890.D

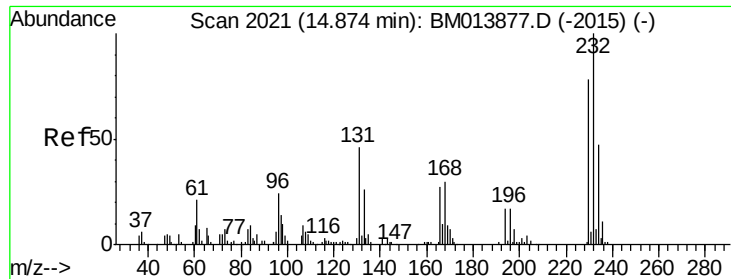
Acq: 27 Jan 2018 18:43

Tgt Ion:	168	Resp:	75510
Ion Ratio	Lower	Upper	
168	100		
139	34.4	30.8	46.2



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





#55

2,3,4,6-Tetrachlorophenol

Concen: 4.445 ng/ul m

RT: 14.88 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BM013890.D

Acq: 27 Jan 2018 18:43

Instrument :

BNA_M

ClientSampled :

F6B26

Tot Ion:232 Resp: 24224
Ion Ratio Lower Upper

232 100

131 61.6 29.0 43.4#

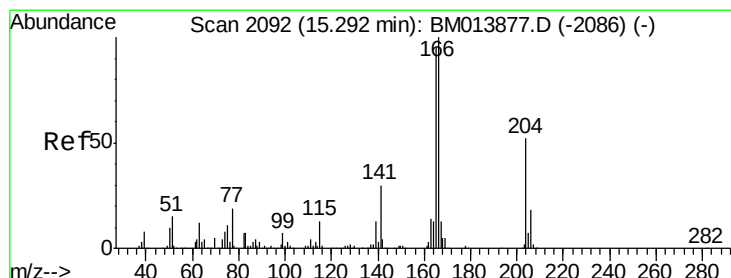
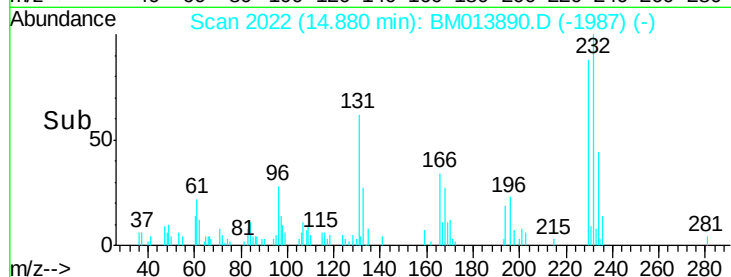
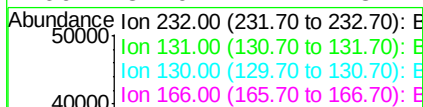
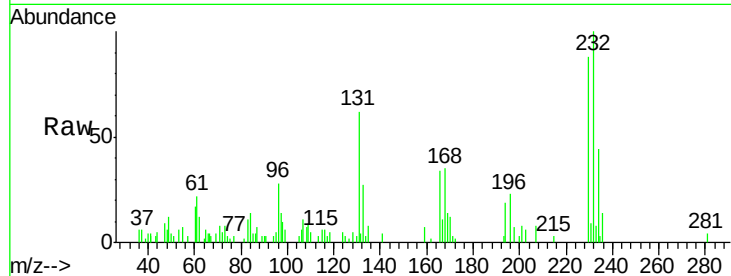
130 2.9 2.0 3.0

166 34.0 21.4 32.2#

Manual Integrations
APPROVED

Sohil

1/29/2018 6:04:00 PM



#58

Fluorene

Concen: 2.171 ng/ul

RT: 15.29 min Scan# 2092

Delta R.T. -0.00 min

Lab File: BM013890.D

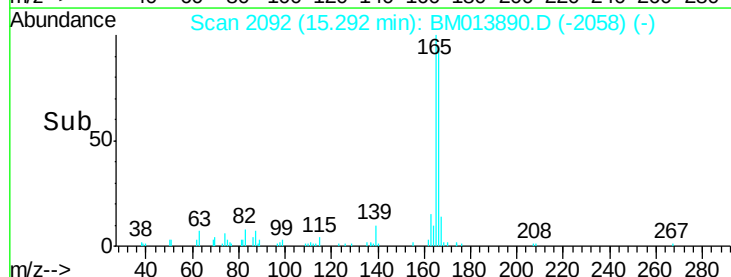
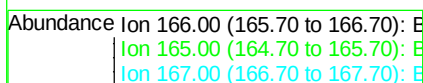
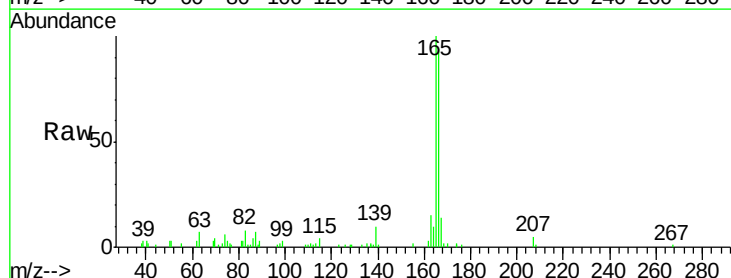
Acq: 27 Jan 2018 18:43

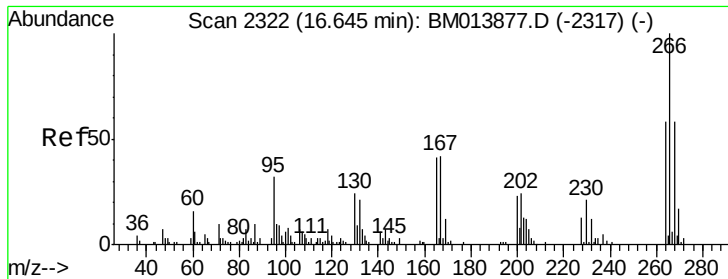
Tgt Ion:166 Resp: 46244
Ion Ratio Lower Upper

166 100

165 106.9 77.9 116.9

167 15.4 10.6 16.0





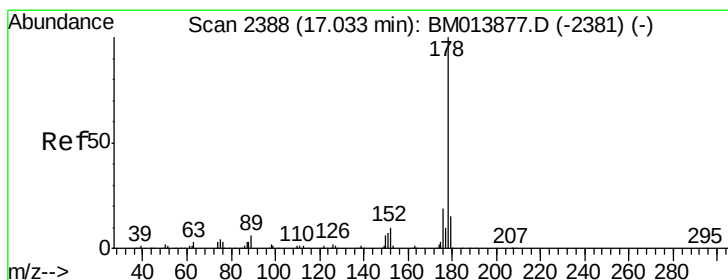
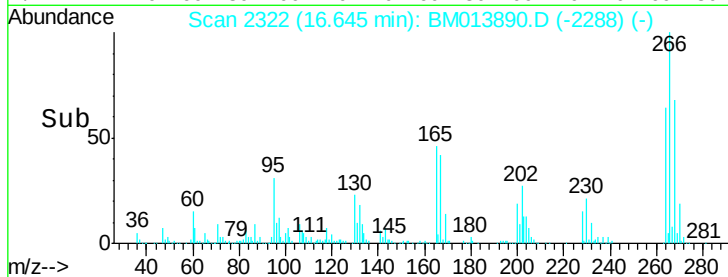
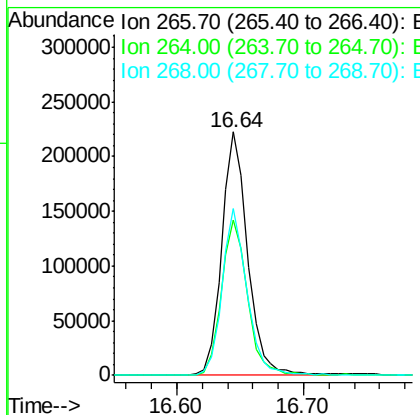
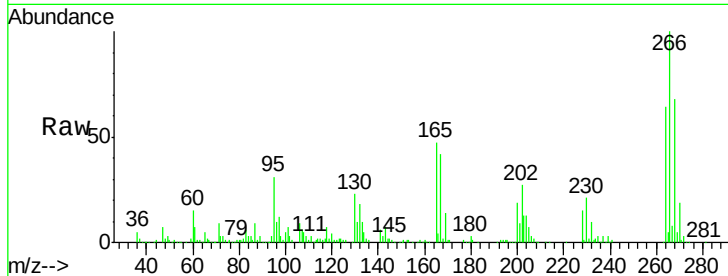
#68
 Pentachlorophenol
 Concen: 75.087 ng/ul
 RT: 16.64 min Scan# 2322
 Delta R.T. -0.00 min
 Lab File: BM013890.D
 Acq: 27 Jan 2018 18:43

Instrument :
 BNA_M
 ClientSampleID :
 F6B26

Tot Ion	Ratio	Resp	Lower	Upper
266	100	316149		
264	63.6	49.3	73.9	
268	68.4	52.6	78.8	

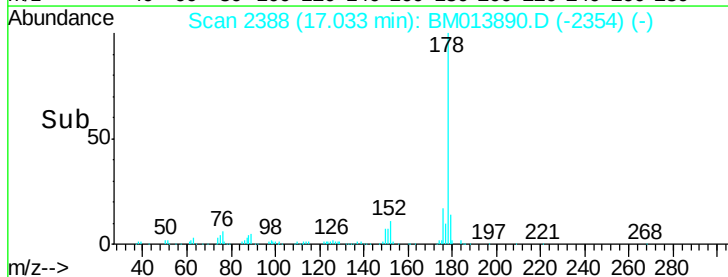
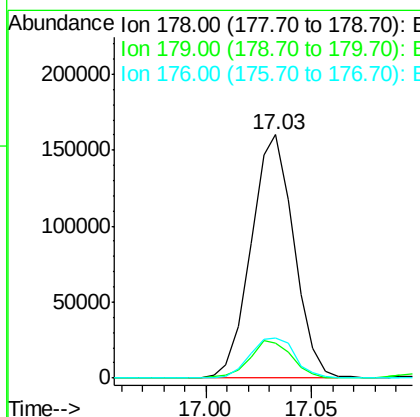
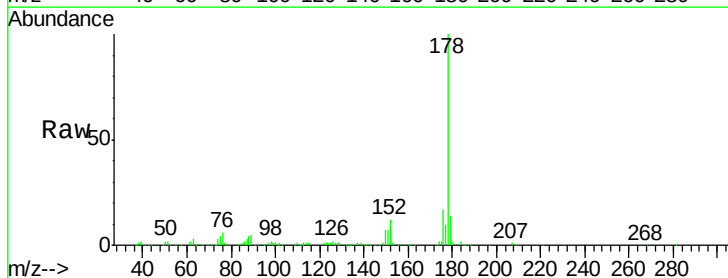
Manual Integrations
 APPROVED

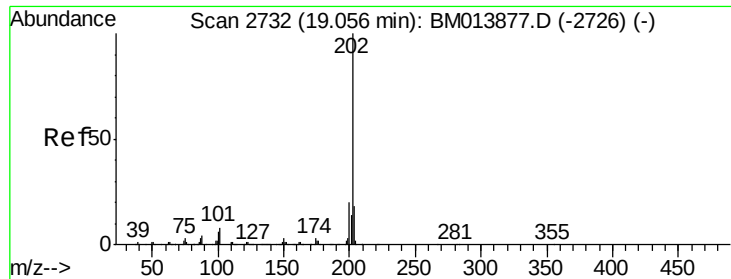
Sohil
 1/29/2018 6:04:00 PM



#69
 Phenanthrene
 Concen: 6.504 ng/ul
 RT: 17.03 min Scan# 2388
 Delta R.T. -0.00 min
 Lab File: BM013890.D
 Acq: 27 Jan 2018 18:43

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	225322		
179	14.5	12.6	19.0	
176	16.7	14.9	22.3	





#74

Fluoranthene

Concen: 2.927 ng/ul

RT: 19.06 min Scan# 2732

Delta R.T. -0.00 min

Lab File: BM013890.D

Acq: 27 Jan 2018 18:43

Instrument :

BNA_M

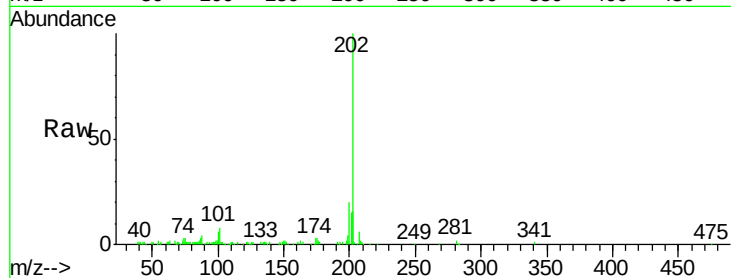
ClientSampleId :

F6B26

Tot Ion:	202	Resp:	121048
Ion Ratio	Lower	Upper	
202	100		
101	7.5	4.6	7.0#
100	6.0	3.4	5.2#

Manual Integrations
APPROVED

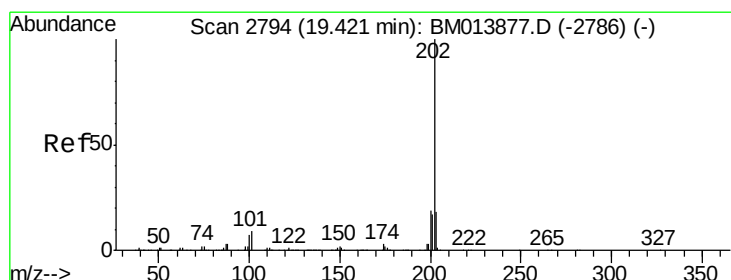
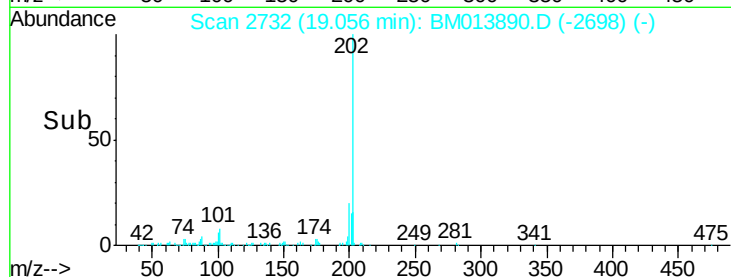
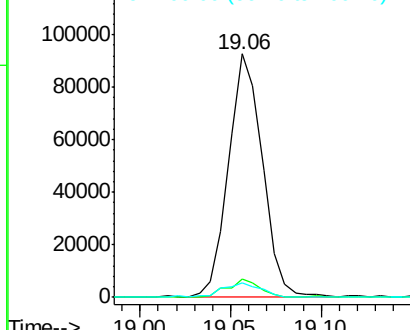
Sohil
1/29/2018 6:04:00 PM



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



#77

Pyrene

Concen: 1.822 ng/ul

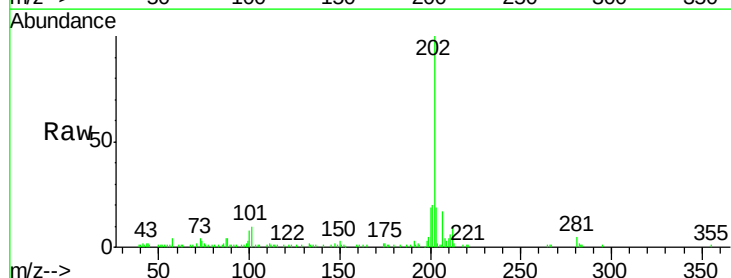
RT: 19.42 min Scan# 2794

Delta R.T. -0.00 min

Lab File: BM013890.D

Acq: 27 Jan 2018 18:43

Tgt Ion:	202	Resp:	83159
Ion Ratio	Lower	Upper	
202	100		
101	10.0	5.1	7.7#
100	8.1	4.9	7.3#



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

