

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
 Data File : BM013871.D
 Acq On : 27 Jan 2018 07:21
 Operator : SJ/JU
 Sample : J1222-07DL 10X
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampled :
 F6A80DL

Manual Integrations
 APPROVED

Sohil
 1/29/2018 7:21:20 PM

Quant Time: Jan 29 10:24:39 2018
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jan 27 04:13:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	148241	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	559618	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	327311	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.99	188	715223	20.00	ng/ul	0.00
75) Chrysene-d12	21.19	240	775463	20.00	ng/ul	0.00
83) Perylene-d12	23.38	264	775025	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.14	96	1090	0.29	ng/uL	0.00
5) Phenol-d5	6.79	99	20176	1.77	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.93	67	15247	2.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	17292	1.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.32	113	15188	1.74	ng/ul	0.02
19) Nitrobenzene-d5	8.75	128	9771	2.25	ng/ul	0.01
22) 2-Nitrophenol-d4	9.47	143	8808	1.92	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	10.01	165	17266	1.95	ng/ul	0.02
29) 4-Chloroaniline-d4	10.54	131	11976	1.56	ng/ul	0.03
43) Dimethylphthalate-d6	13.66	166	69044	2.56	ng/ul	0.00
46) Acenaphthylene-d8	13.93	160	79782	2.32	ng/ul	0.00
51) 4-Nitrophenol-d4	14.52	143	5085m	1.16	ng/ul	0.05
57) Fluorene-d10	15.23	176	60200	2.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	4832	1.12	ng/ul	0.01
70) Anthracene-d10	17.09	188	91808m	2.64	ng/ul	0.00
76) Pyrene-d10	19.39	212	109977	3.05	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.24	264	97475	2.74	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.40	128	342420	12.299	ng/ul	98
34) 2-Methylnaphthalene	12.03	142	206623	9.954	ng/ul	99
40) 1,1'-Biphenyl	13.06	154	59201	2.173	ng/ul	94
49) Acenaphthene	14.30	153	180695	8.289	ng/ul	97
53) Dibenzofuran	14.64	168	175951	5.365	ng/ul	90
55) 2,3,4,6-Tetrachlorophenol	14.88	232	83781	12.194	ng/ul#	91
58) Fluorene	15.29	166	163491	6.086	ng/ul#	97
68) Pentachlorophenol	16.65	266	957359	198.131	ng/ul	98
69) Phenanthrene	17.03	178	714574	17.974	ng/ul	99
71) Anthracene	17.13	178	108468m	2.645	ng/ul	
72) Carbazole	17.40	167	47687	1.409	ng/ul	99
74) Fluoranthene	19.06	202	299153	6.304	ng/ul#	94
77) Pyrene	19.42	202	213362	4.526	ng/ul#	93

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

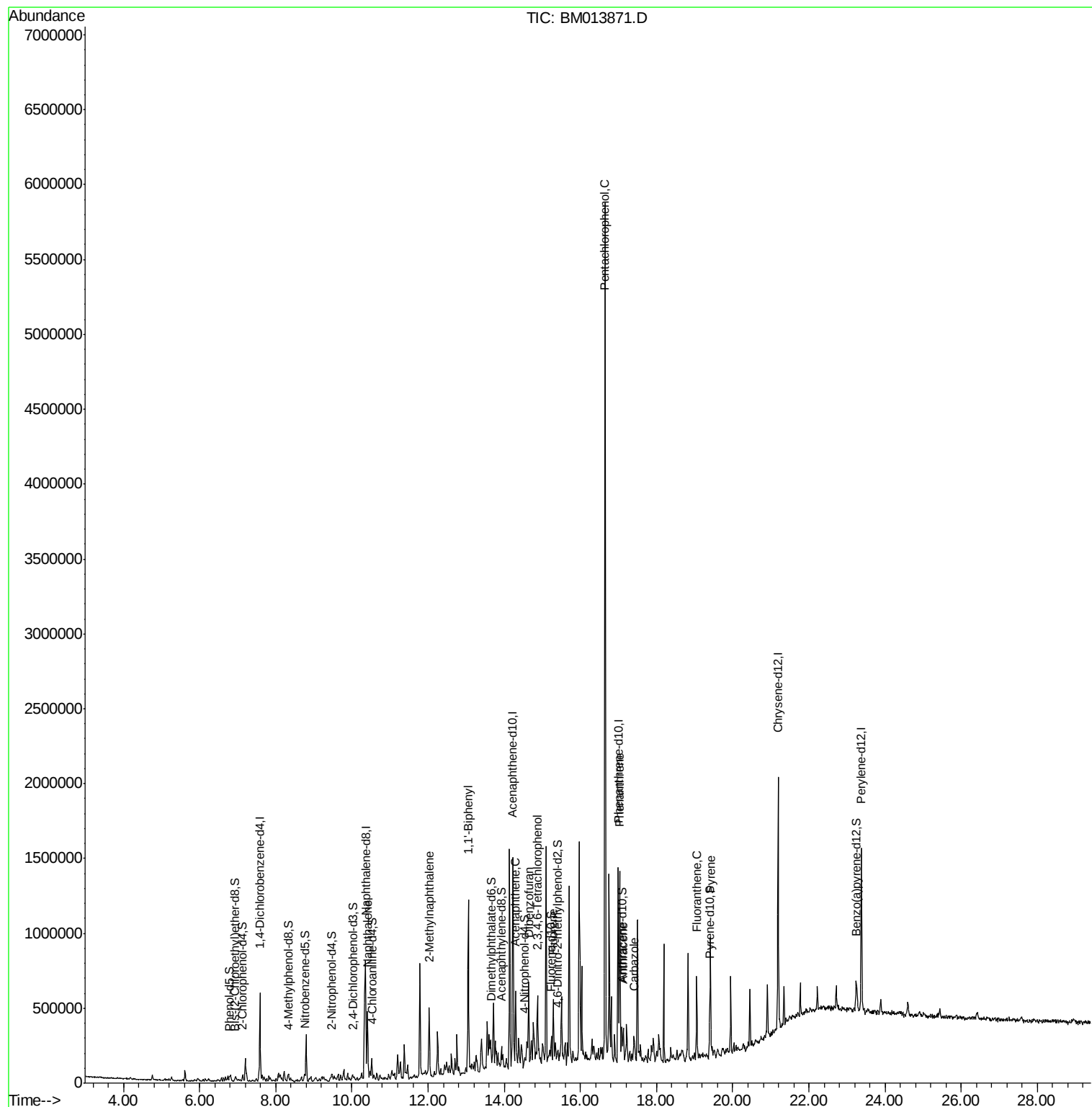
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012618\
Data File : BM013871.D
Acq On : 27 Jan 2018 07:21
Operator : SJ/JU
Sample : J1222-07DL 10X
Misc :
ALS Vial : 35 Sample Multiplier: 1

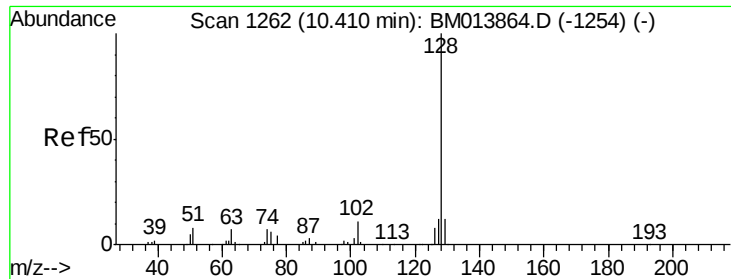
Instrument :
BNA_M
ClientSampleId :
F6A80DL

Manual Integrations
APPROVED

Sohil
1/29/2018 7:21:20 PM

Quant Time: Jan 29 10:24:39 2018
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM011018.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jan 27 04:13:53 2018
Response via : Initial Calibration





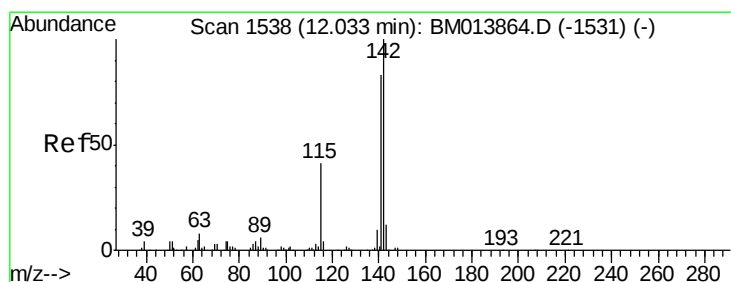
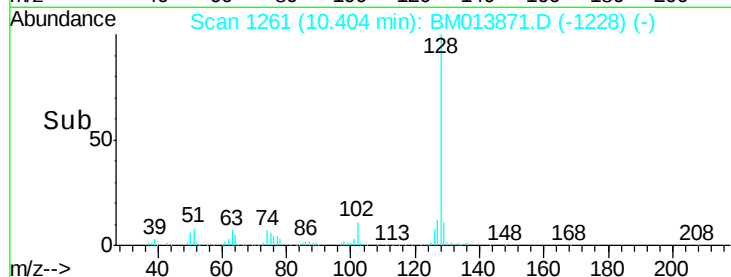
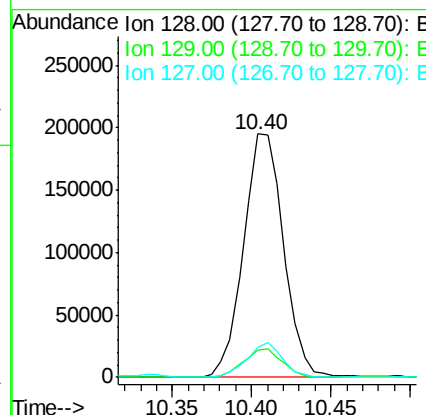
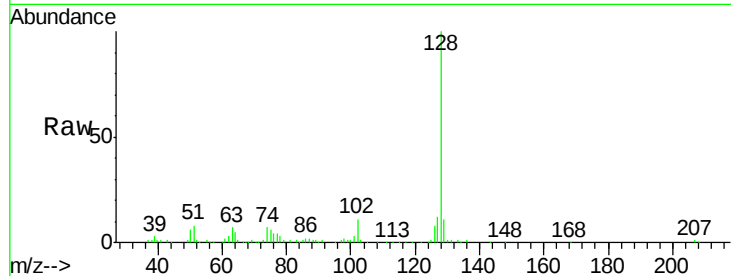
#28
Naphthalene
Concen: 12.299 ng/ul
RT: 10.40 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BM013871.D
Acq: 27 Jan 2018 07:21

Instrument :
BNA_M
ClientSampled :
F6A80DL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	342420		
129	11.2	8.8	13.2	
127	12.3	10.6	16.0	

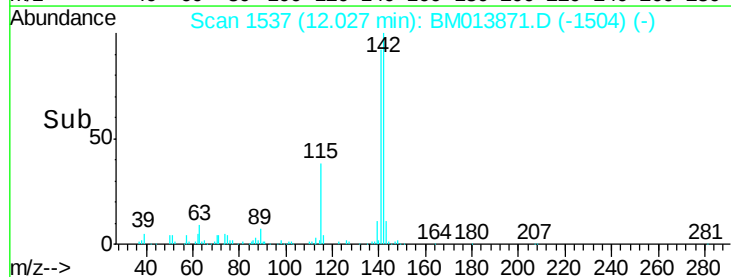
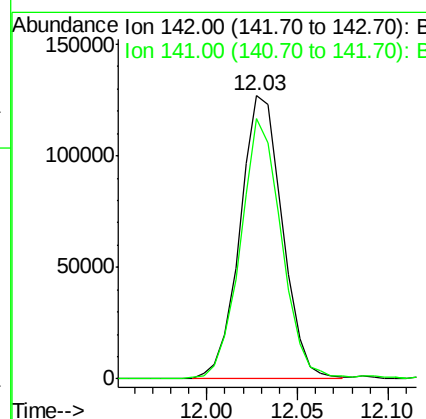
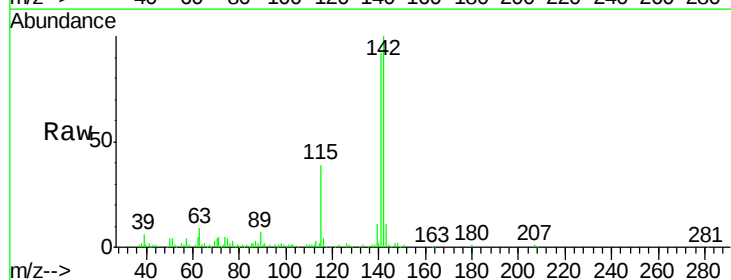
Manual Integrations
APPROVED

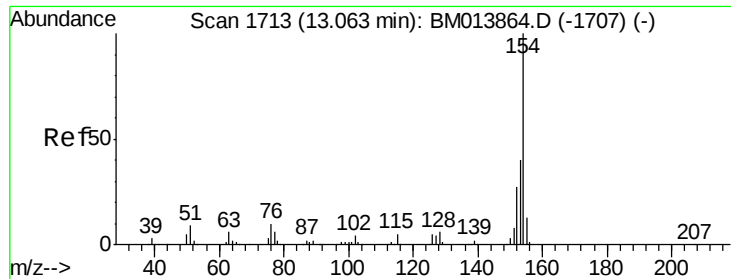
Sohil
1/29/2018 7:21:20 PM



#34
2-Methylnaphthalene
Concen: 9.954 ng/ul
RT: 12.03 min Scan# 1537
Delta R.T. -0.01 min
Lab File: BM013871.D
Acq: 27 Jan 2018 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	206623		
141	92.0	74.1	111.1	





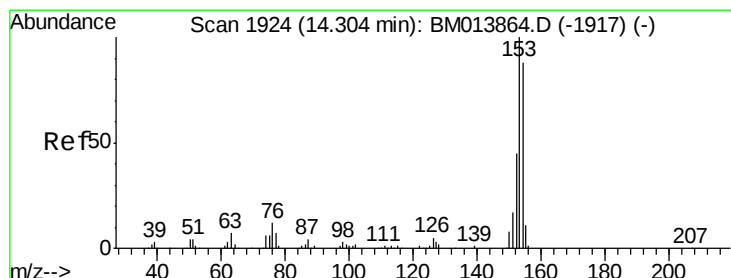
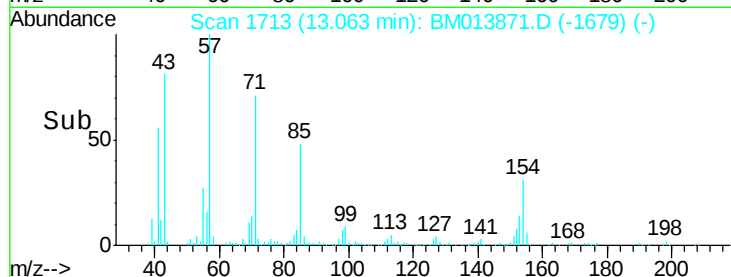
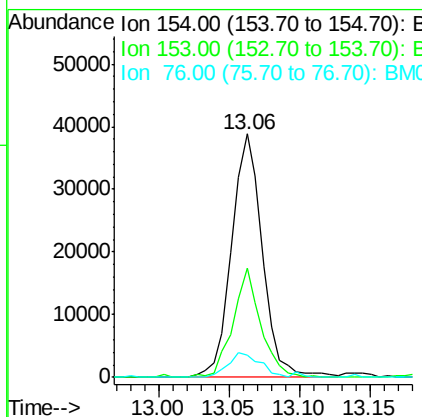
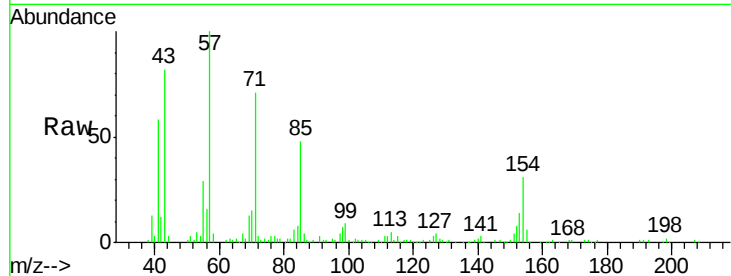
#40
1,1'-Biphenyl
Concen: 2.173 ng/ul
RT: 13.06 min Scan# 1713
Delta R.T. 0.00 min
Lab File: BM013871.D
Acq: 27 Jan 2018 07:21

Instrument :
BNA_M
ClientSampleId :
F6A80DL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	44.7	32.6	48.8
76	9.2	8.5	12.7

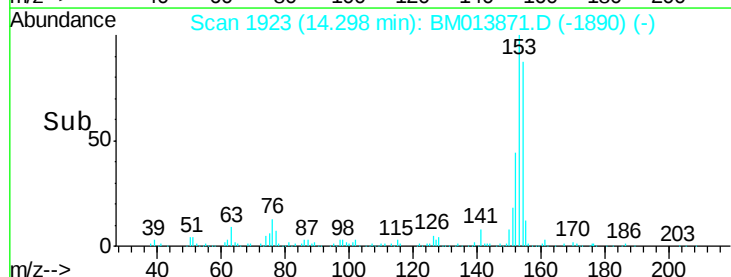
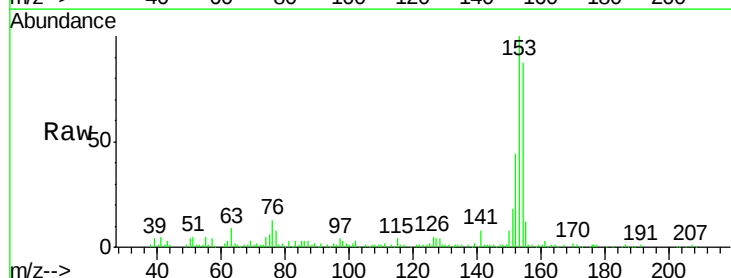
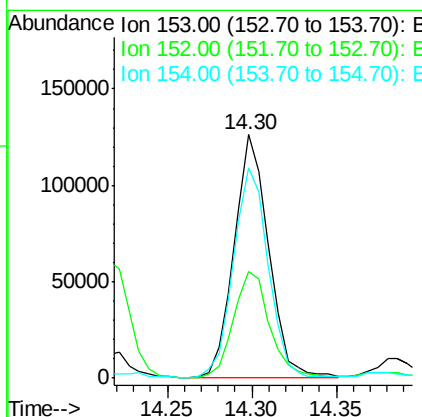
Manual Integrations
APPROVED

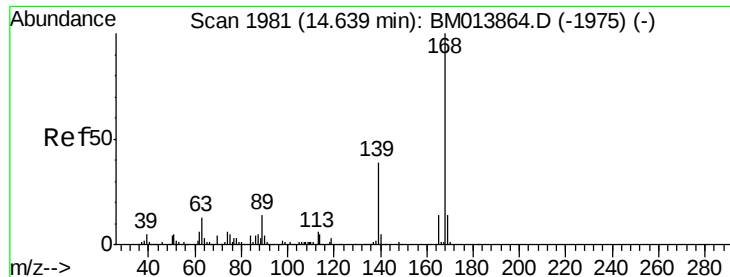
Sohil
1/29/2018 7:21:20 PM



#49
Acenaphthene
Concen: 8.289 ng/ul
RT: 14.30 min Scan# 1923
Delta R.T. -0.01 min
Lab File: BM013871.D
Acq: 27 Jan 2018 07:21

Tgt Ion	Ratio	Lower	Upper
153	100		
152	44.1	37.6	56.4
154	86.5	70.4	105.6





#53

Dibenzofuran

Concen: 5.365 ng/ul

RT: 14.64 min Scan# 1981

Delta R.T. 0.00 min

Lab File: BM013871.D

Acq: 27 Jan 2018 07:21

Instrument :

BNA_M

ClientSampled :

F6A80DL

Tgt Ion:168 Resp: 175951

Ion Ratio Lower Upper

168 100

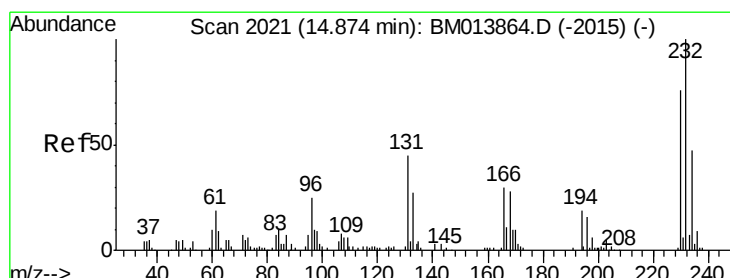
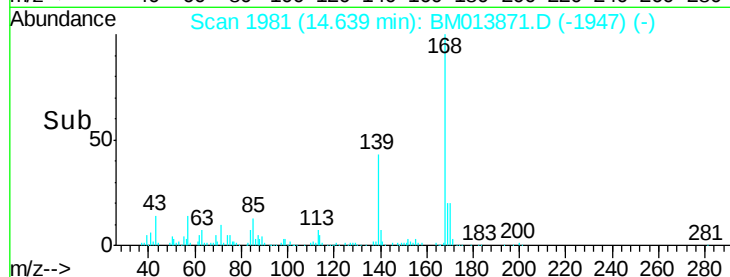
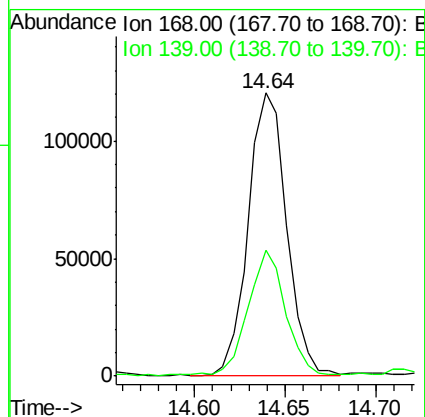
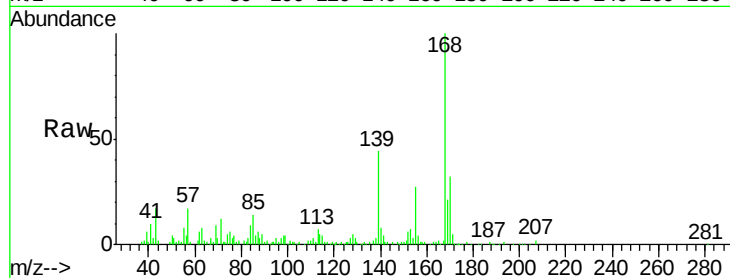
139 44.5 30.8 46.2

Manual Integrations

APPROVED

Sohil

1/29/2018 7:21:20 PM



#55

2,3,4,6-Tetrachlorophenol

Concen: 12.194 ng/ul

RT: 14.88 min Scan# 2022

Delta R.T. 0.01 min

Lab File: BM013871.D

Acq: 27 Jan 2018 07:21

Tgt Ion:232 Resp: 83781

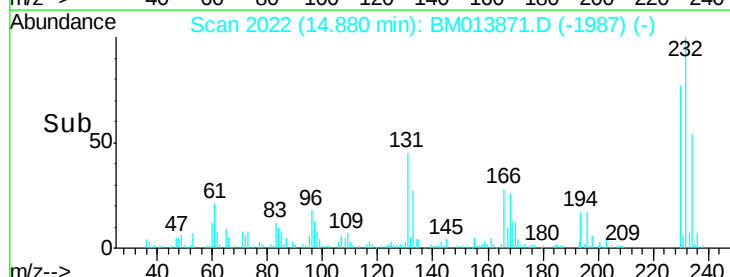
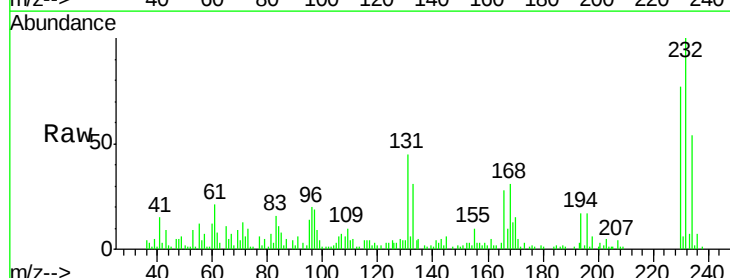
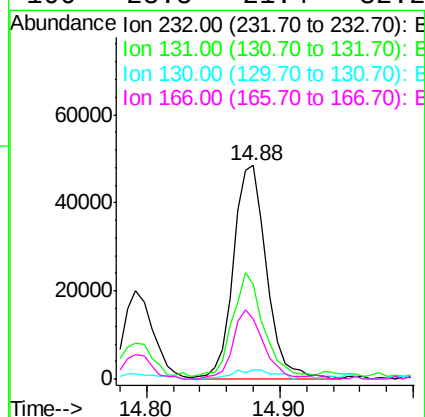
Ion Ratio Lower Upper

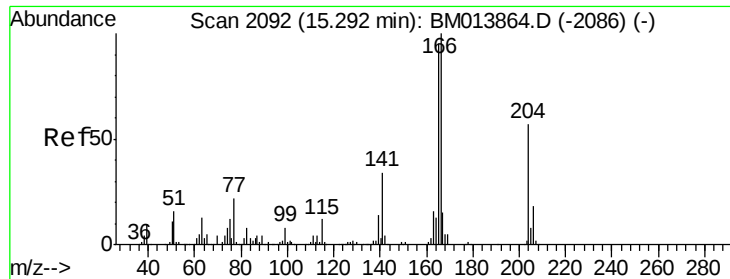
232 100

131 44.5 29.0 43.4#

130 3.9 2.0 3.0#

166 28.5 21.4 32.2





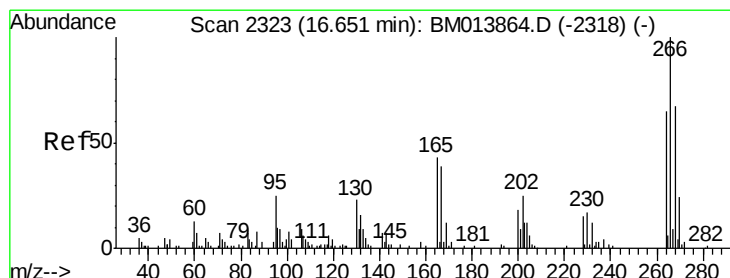
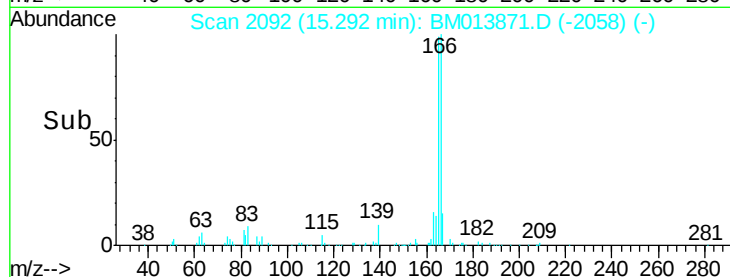
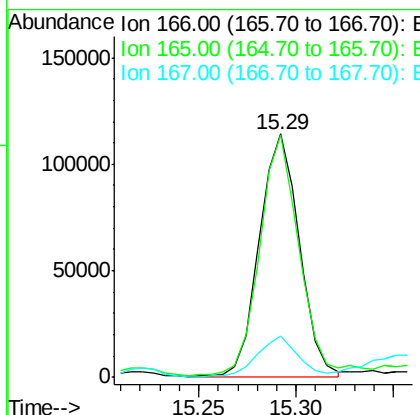
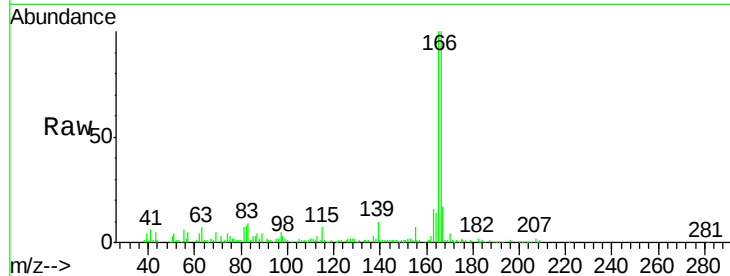
#58
 Fluorene
 Concen: 6.086 ng/ul
 RT: 15.29 min Scan# 2092
 Delta R.T. 0.00 min
 Lab File: BM013871.D
 Acq: 27 Jan 2018 07:21

Instrument :
 BNA_M
 ClientSampleId :
 F6A80DL

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	163491		
165	99.6	77.9	116.9	
167	16.9	10.6	16.0#	

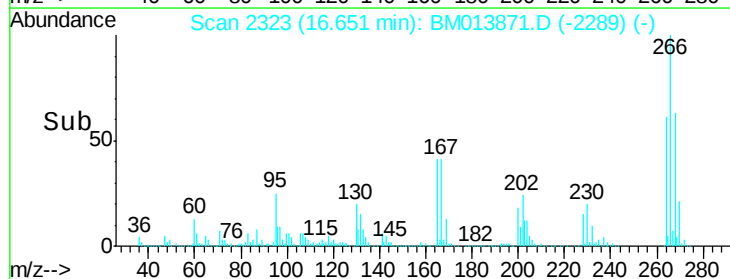
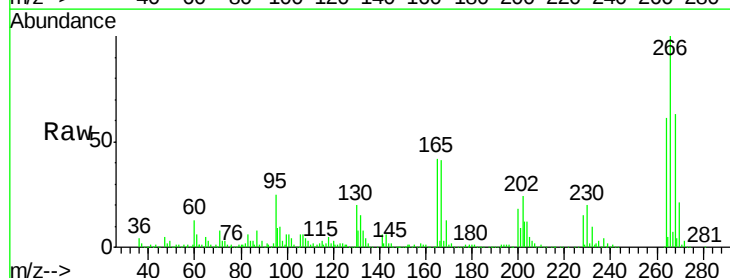
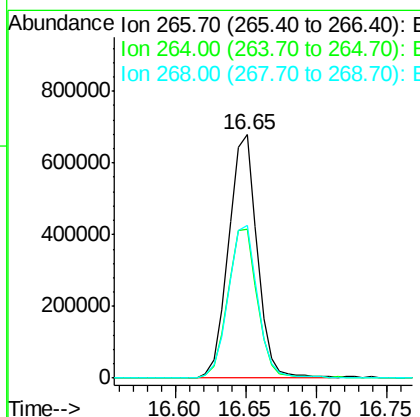
Manual Integrations
 APPROVED

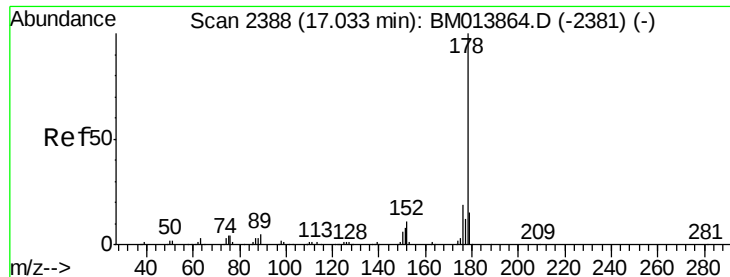
Sohil
 1/29/2018 7:21:20 PM



#68
 Pentachlorophenol
 Concen: 198.131 ng/ul
 RT: 16.65 min Scan# 2323
 Delta R.T. 0.00 min
 Lab File: BM013871.D
 Acq: 27 Jan 2018 07:21

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	957359		
264	60.9	49.3	73.9	
268	62.8	52.6	78.8	





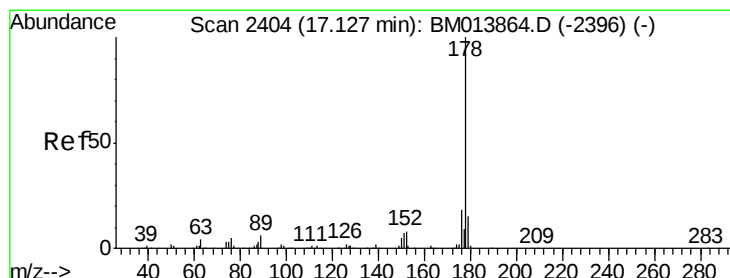
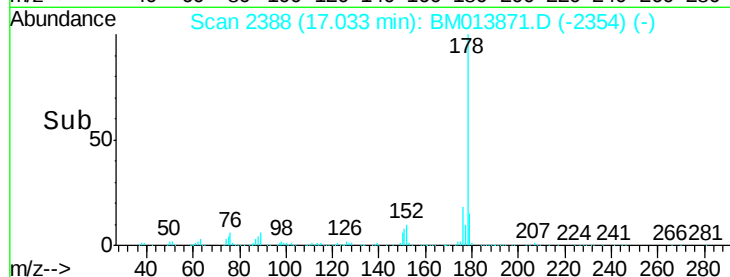
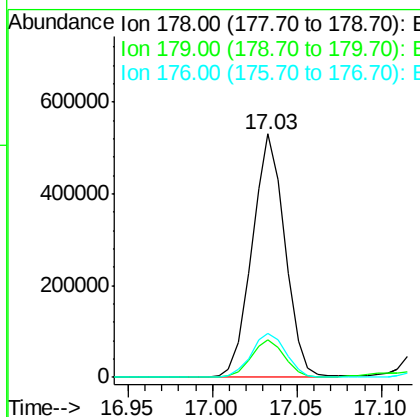
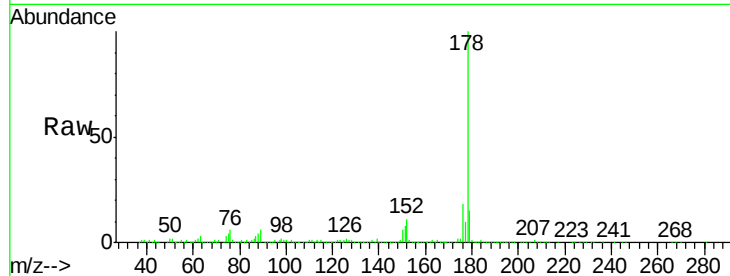
#69
Phenanthrene
Concen: 17.974 ng/ul
RT: 17.03 min Scan# 2388
Delta R.T. 0.00 min
Lab File: BM013871.D
Acq: 27 Jan 2018 07:21

Instrument :
BNA_M
ClientSampleId :
F6A80DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	18.1	14.9	22.3

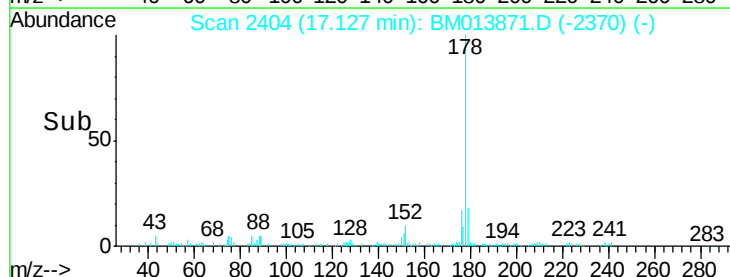
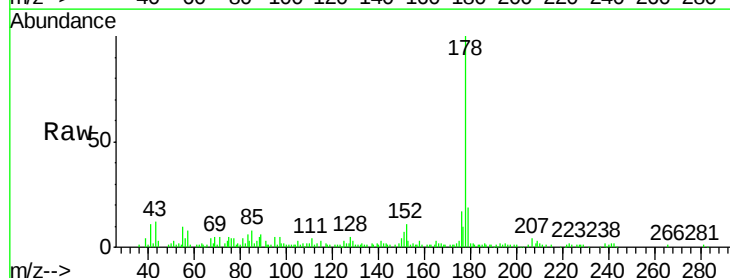
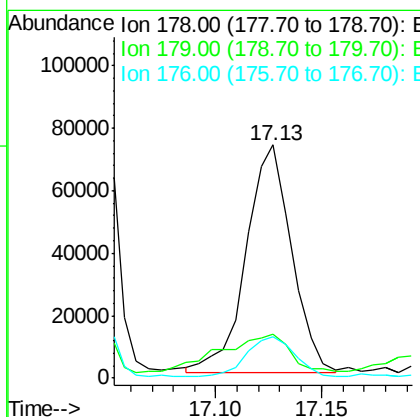
Manual Integrations
APPROVED

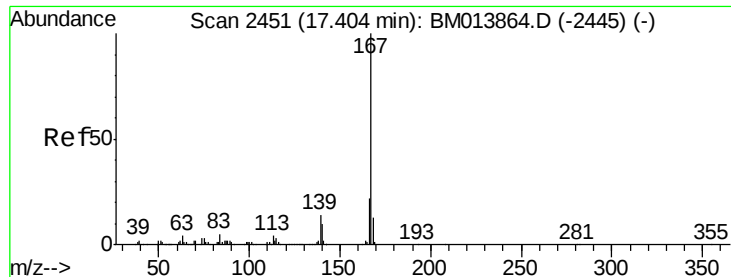
Sohil
1/29/2018 7:21:20 PM



#71
Anthracene
Concen: 2.645 ng/ul m
RT: 17.13 min Scan# 2404
Delta R.T. 0.00 min
Lab File: BM013871.D
Acq: 27 Jan 2018 07:21

Tgt Ion	Ratio	Lower	Upper
178	100		
179	19.0	11.7	17.5#
176	17.5	14.6	21.8





#72

Carbazole

Concen: 1.409 ng/ul

RT: 17.40 min Scan# 2451

Delta R.T. 0.00 min

Lab File: BM013871.D

Acq: 27 Jan 2018 07:21

Instrument :

BNA_M

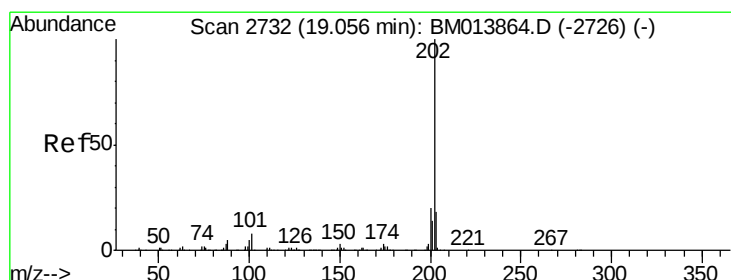
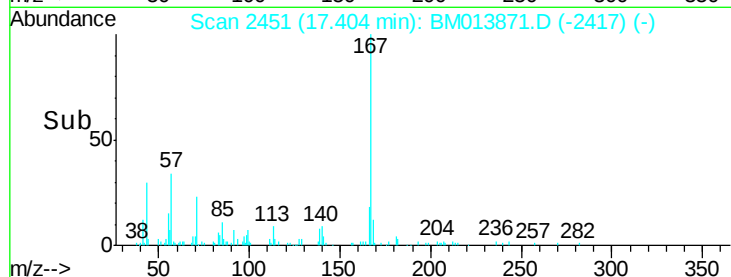
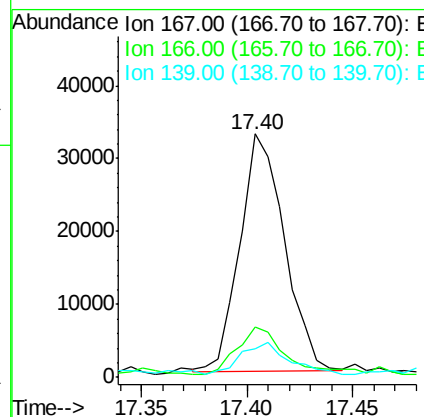
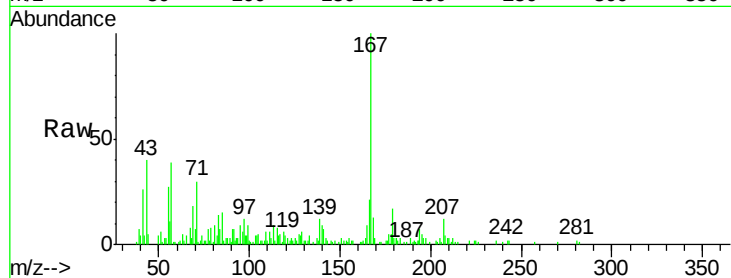
ClientSampled :

F6A80DL

Tgt Ion:	167	Resp:	47687
Ion Ratio	Lower	Upper	
167	100		
166	20.9	17.1	25.7
139	11.7	10.0	15.0

Manual Integrations
APPROVED

Sohil
1/29/2018 7:21:20 PM



#74

Fluoranthene

Concen: 6.304 ng/ul

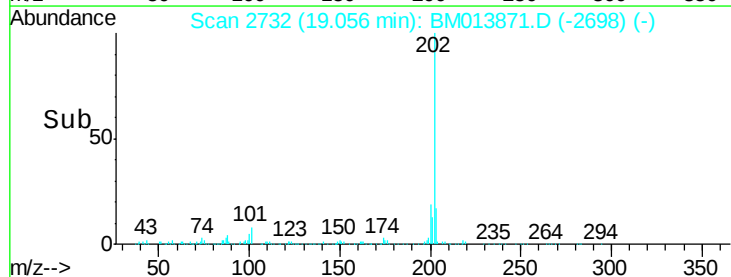
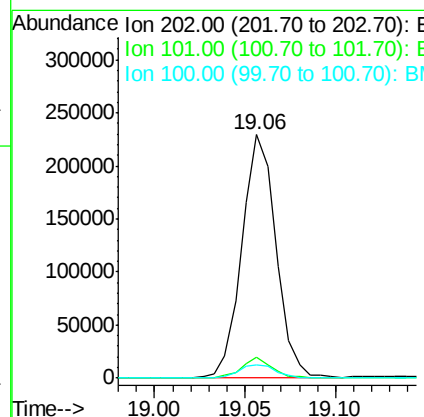
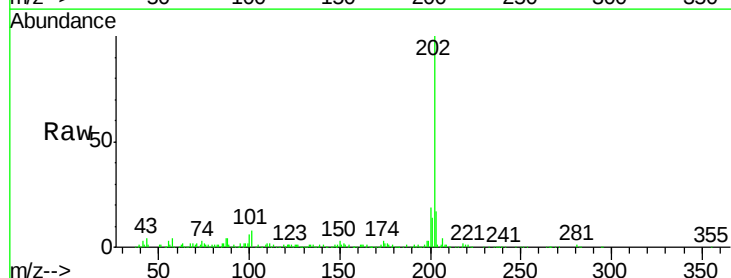
RT: 19.06 min Scan# 2732

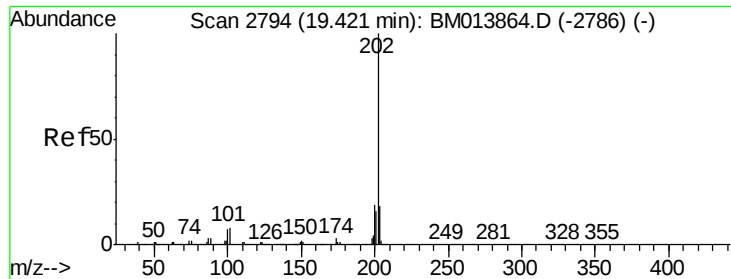
Delta R.T. 0.00 min

Lab File: BM013871.D

Acq: 27 Jan 2018 07:21

Tgt Ion:	202	Resp:	299153
Ion Ratio	Lower	Upper	
202	100		
101	8.4	4.6	7.0#
100	5.6	3.4	5.2#





#77
 Pyrene
 Concen: 4.526 ng/ul
 RT: 19.42 min Scan# 2794
 Delta R.T. 0.00 min
 Lab File: BM013871.D
 Acq: 27 Jan 2018 07:21

Instrument :
 BNA_M
 ClientSampleId :
 F6A80DL

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		213362		
101	9.7	5.1	7.7#		
100	7.4	4.9	7.3#		

Manual Integrations
 APPROVED

Sohil
 1/29/2018 7:21:20 PM

