

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
 Data File : BM012135.D
 Acq On : 13 Oct 2017 13:54
 Operator : SJ/JU
 Sample : I5772-03DL 5X
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BD9S0DL

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:37:32 PM

Quant Time: Oct 15 00:31:29 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 14 00:15:07 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	209251	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	886229	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.50	164	530972	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.25	188	1222872	20.00	ng/ul	0.00
75) Chrysene-d12	21.43	240	1129504	20.00	ng/ul	0.00
83) Perylene-d12	23.76	264	958585	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	2143	0.49	ng/uL	0.00
5) Phenol-d5	7.02	99	29239	1.72	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	70157	6.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.38	132	84577	5.87	ng/ul	0.00
13) 4-Methylphenol-d8	8.57	113	54312	3.72	ng/ul	0.00
19) Nitrobenzene-d5	9.02	128	51857	7.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.74	143	55843	7.07	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.29	165	101496	6.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.80	131	6965m	0.49	ng/ul	0.00
43) Dimethylphthalate-d6	13.90	166	364109	7.76	ng/ul	0.00
46) Acenaphthylene-d8	14.19	160	440714	7.76	ng/ul	0.00
51) 4-Nitrophenol-d4	14.75	143	7626	1.08	ng/ul	0.02
57) Fluorene-d10	15.49	176	304511	7.91	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	8016	0.96	ng/ul	0.00
70) Anthracene-d10	17.34	188	491082	8.12	ng/ul	0.00
76) Pyrene-d10	19.64	212	528895	9.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.62	264	364624	7.89	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.70	128	91013	1.985	ng/ul 98
40) 1,1'-Biphenyl	13.33	154	684084	15.266	ng/ul 99
49) Acenaphthene	14.56	153	996375	26.518	ng/ul 100
53) Dibenzofuran	14.90	168	1666861	30.809	ng/ul 98
58) Fluorene	15.55	166	240130	5.344	ng/ul# 99
69) Phenanthrene	17.29	178	582474	8.373	ng/ul 98
71) Anthracene	17.38	178	98899	1.373	ng/ul 97
72) Carbazole	17.66	167	1083678	17.779	ng/ul 99
74) Fluoranthene	19.31	202	134670	1.604	ng/ul# 93

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

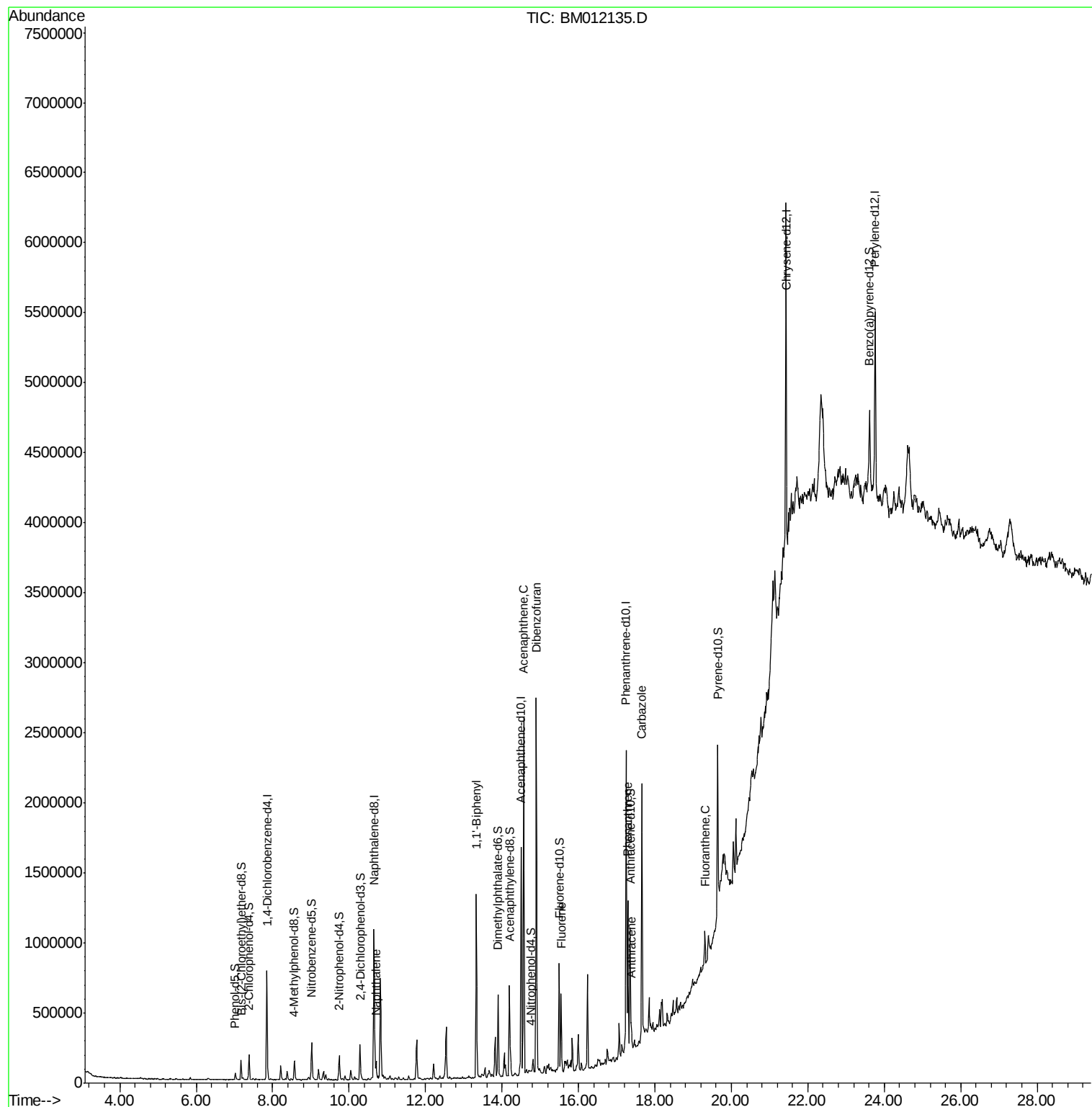
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM101217\
Data File : BM012135.D
Acq On : 13 Oct 2017 13:54
Operator : SJ/JU
Sample : I5772-03DL 5X
Misc :
ALS Vial : 34 Sample Multiplier: 1

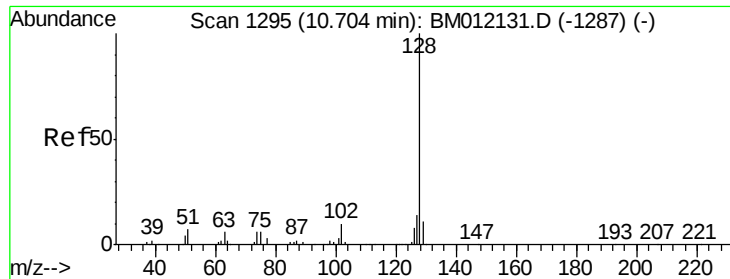
Instrument :
BNA_M
ClientSampleId :
BD9S0DL

Manual Integrations
APPROVED

Sohil
10/15/2017 12:37:32 PM

Quant Time: Oct 15 00:31:29 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM101217.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 14 00:15:07 2017
Response via : Initial Calibration





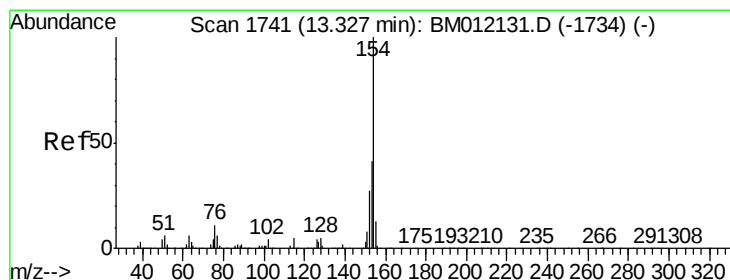
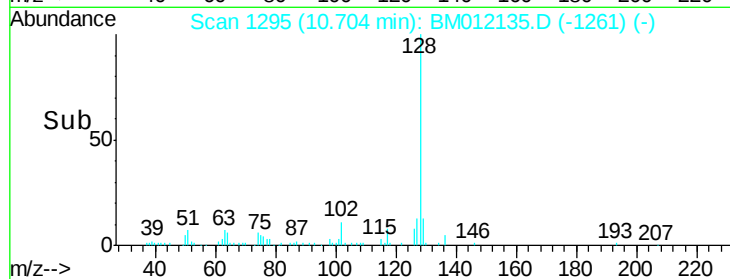
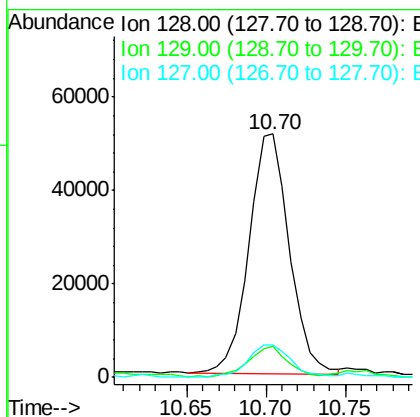
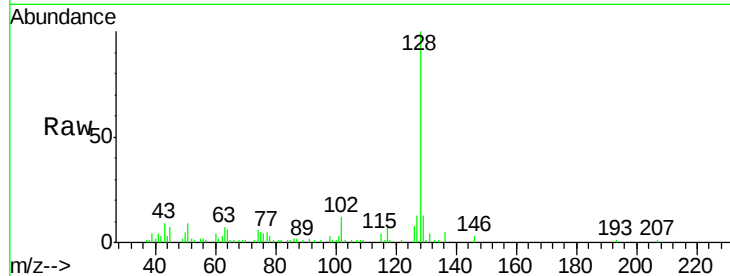
#28
Naphthalene
Concen: 1.985 ng/ul
RT: 10.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BM012135.D
Acq: 13 Oct 2017 13:54

Instrument :
BNA_M
ClientSampleId :
BD9S0DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	12.9	8.8	13.2
127	13.3	10.6	16.0

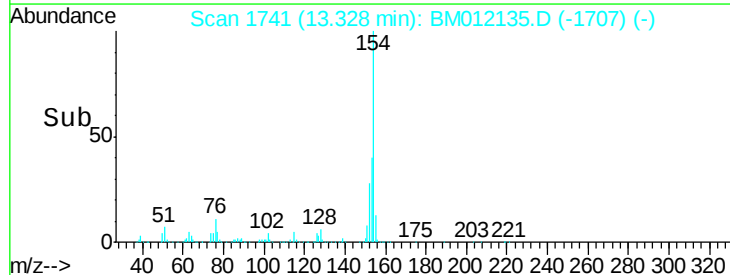
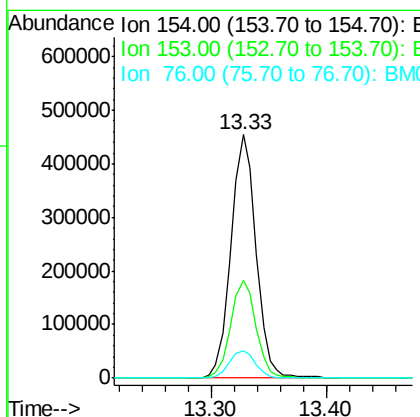
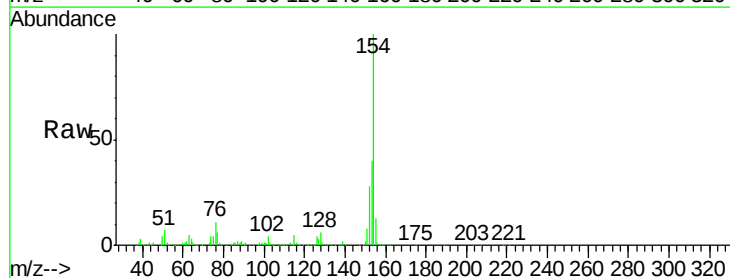
Manual Integrations
APPROVED

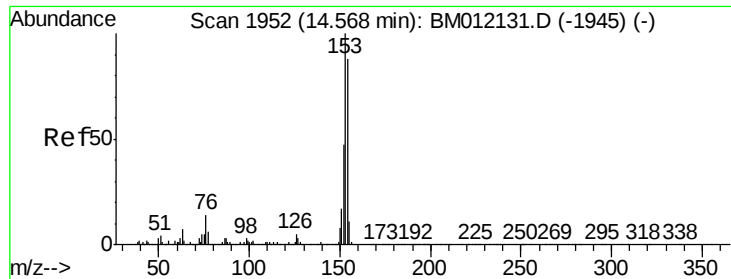
Sohil
10/15/2017 12:37:32 PM



#40
1,1'-Biphenyl
Concen: 15.266 ng/ul
RT: 13.33 min Scan# 1741
Delta R.T. 0.00 min
Lab File: BM012135.D
Acq: 13 Oct 2017 13:54

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	40.3	32.6	48.8
76	11.0	8.5	12.7





#49

Acenaphthene

Concen: 26.518 ng/ul

RT: 14.56 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM012135.D

Acq: 13 Oct 2017 13:54

Instrument :

BNA_M

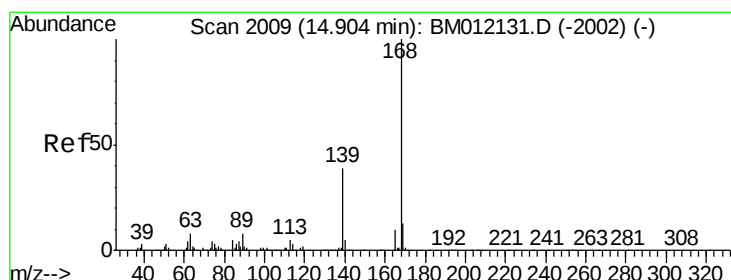
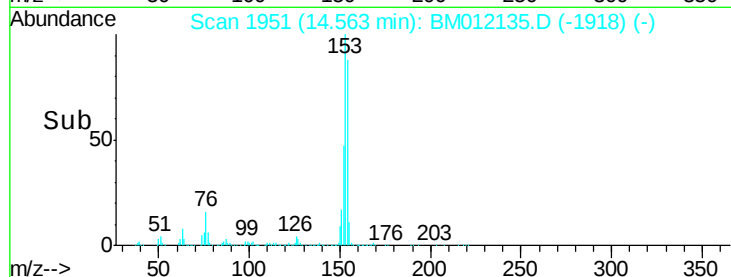
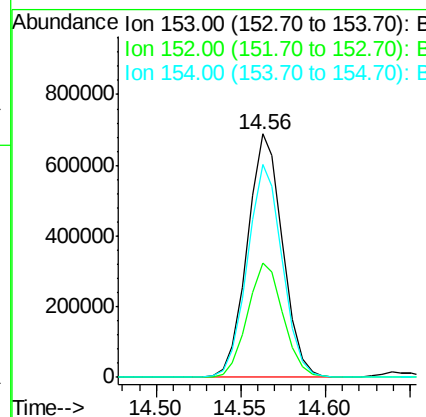
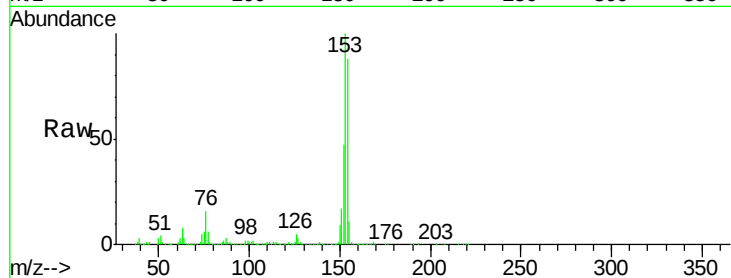
ClientSampleId :

BD9S0DL

Tgt Ion:	153	Resp:	996375
Ion Ratio	Lower	Upper	
153	100		
152	47.1	37.6	56.4
154	87.6	70.4	105.6

Manual Integrations
APPROVED

Sohil
10/15/2017 12:37:32 PM



#53

Dibenzofuran

Concen: 30.809 ng/ul

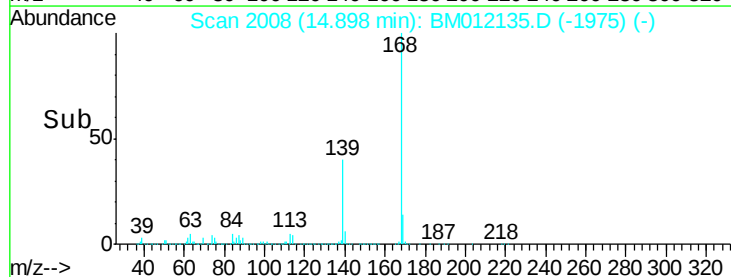
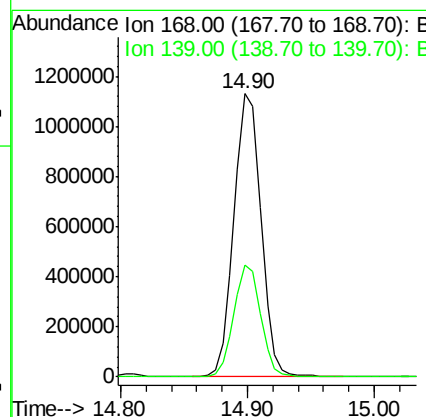
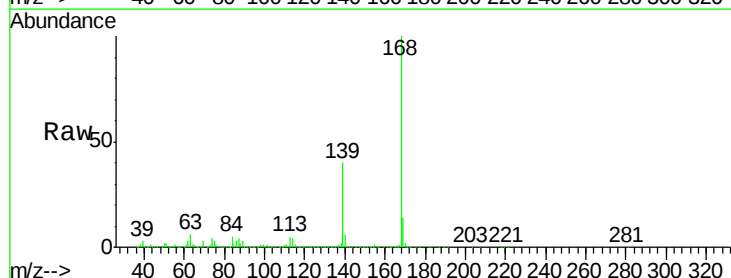
RT: 14.90 min Scan# 2008

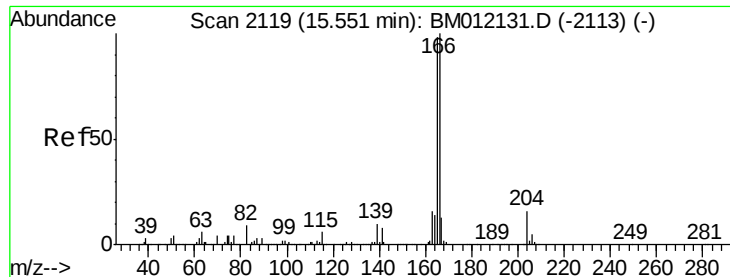
Delta R.T. -0.01 min

Lab File: BM012135.D

Acq: 13 Oct 2017 13:54

Tgt Ion:	168	Resp:	1666861
Ion Ratio	Lower	Upper	
168	100		
139	39.7	30.8	46.2





#58

Fluorene

Concen: 5.344 ng/ul

RT: 15.55 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BM012135.D

Acq: 13 Oct 2017 13:54

Instrument :

BNA_M

ClientSampleId :

BD9S0DL

Tgt Ion:166 Resp: 240130
Ion Ratio Lower Upper

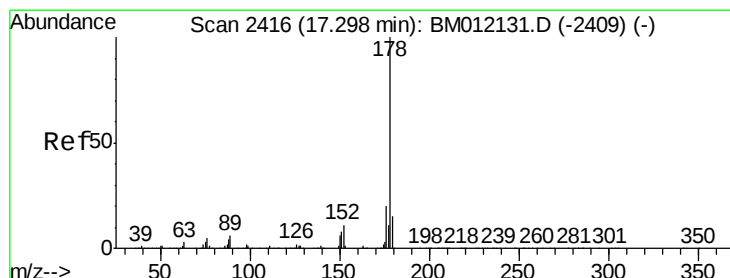
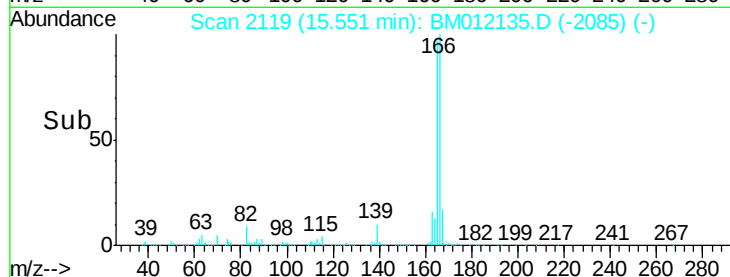
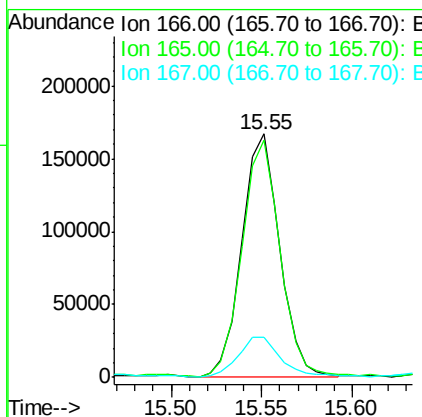
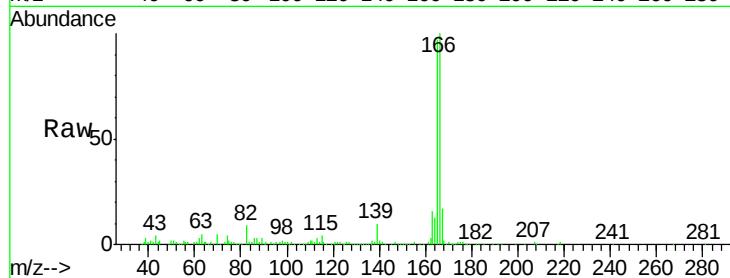
166 100

165 97.2 77.9 116.9

167 16.7 10.6 16.0#

Manual Integrations
APPROVED

Sohil
10/15/2017 12:37:32 PM



#69

Phenanthrene

Concen: 8.373 ng/ul

RT: 17.29 min Scan# 2415

Delta R.T. -0.01 min

Lab File: BM012135.D

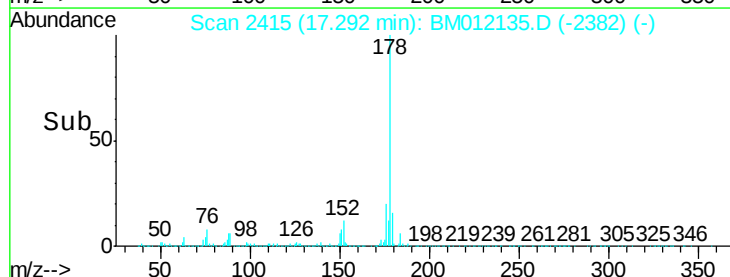
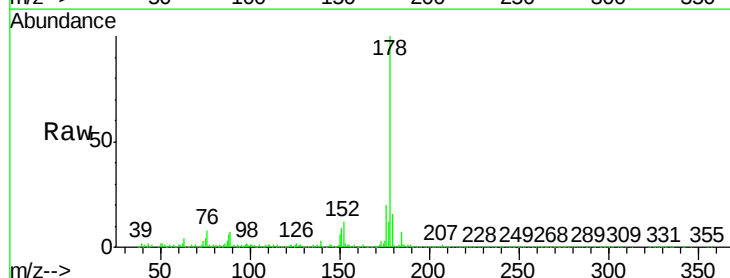
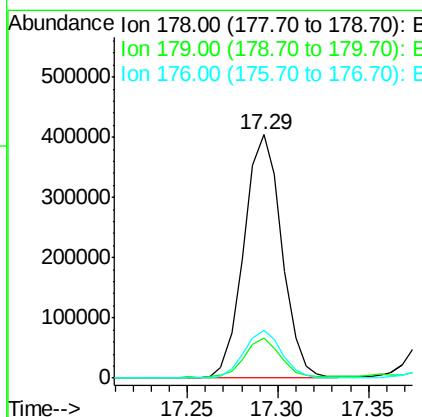
Acq: 13 Oct 2017 13:54

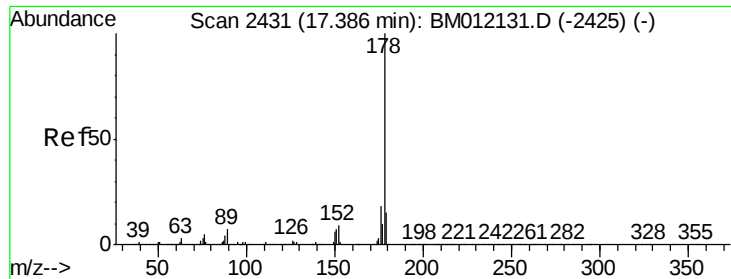
Tgt Ion:178 Resp: 582474
Ion Ratio Lower Upper

178 100

179 16.3 12.6 19.0

176 19.6 14.9 22.3





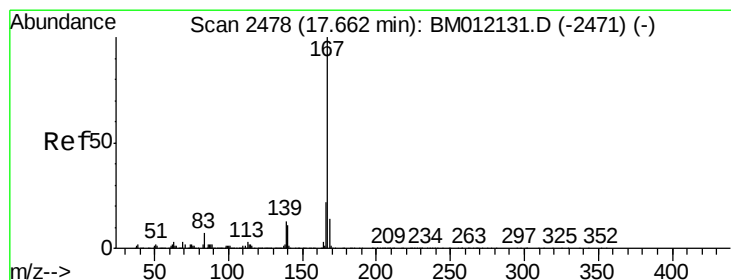
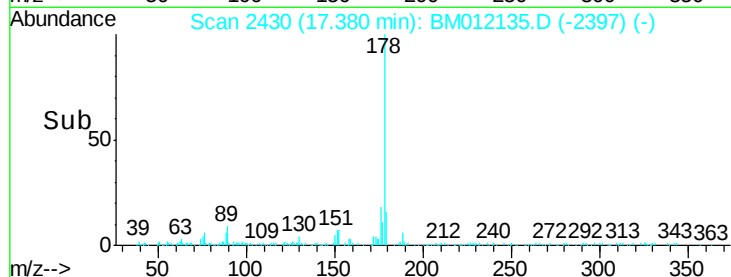
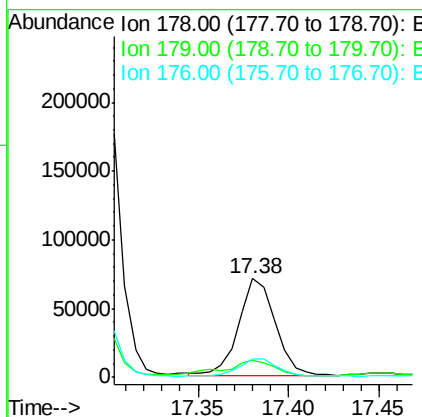
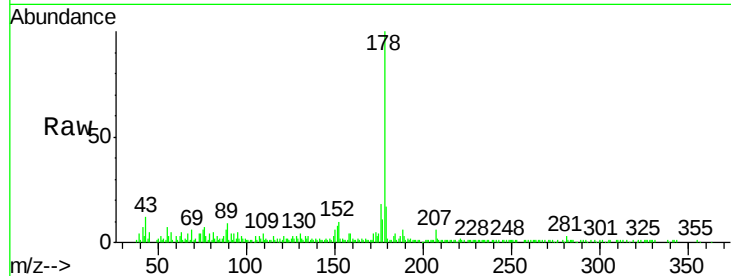
#71
 Anthracene
 Concen: 1.373 ng/ul
 RT: 17.38 min Scan# 2430
 Delta R.T. -0.01 min
 Lab File: BM012135.D
 Acq: 13 Oct 2017 13:54

Instrument :
 BNA_M
 ClientSampleId :
 BD9S0DL

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.0	11.7	17.5
176	18.4	14.6	21.8

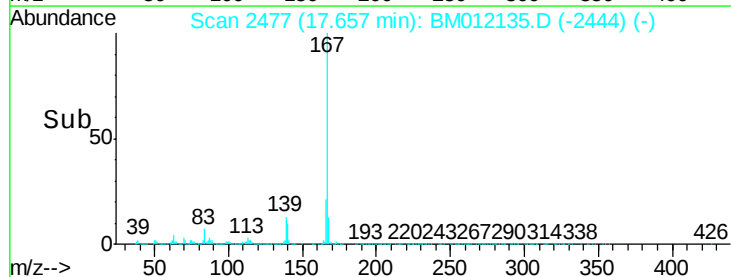
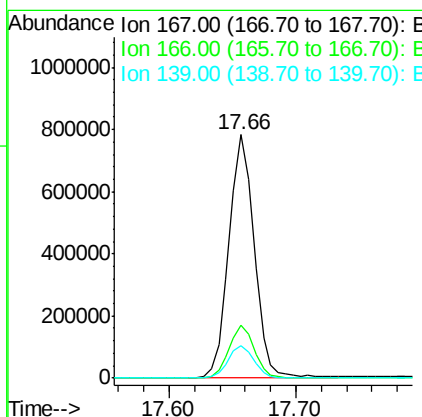
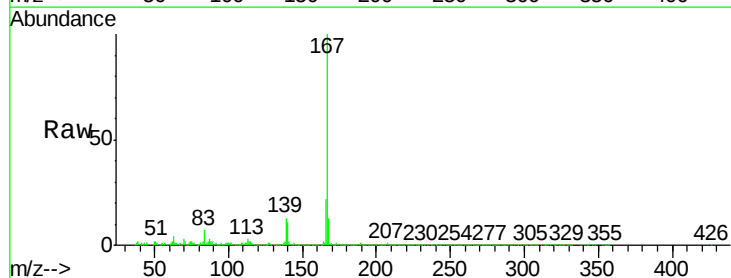
Manual Integrations
 APPROVED

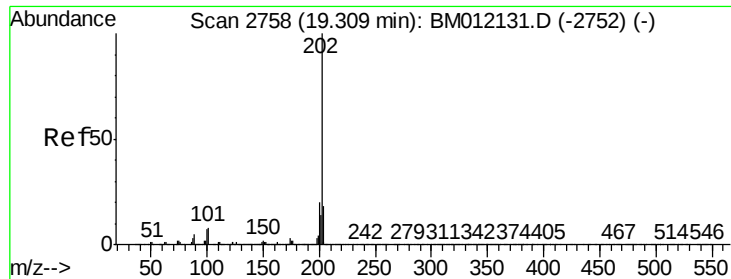
Sohil
 10/15/2017 12:37:32 PM



#72
 Carbazole
 Concen: 17.779 ng/ul
 RT: 17.66 min Scan# 2477
 Delta R.T. -0.01 min
 Lab File: BM012135.D
 Acq: 13 Oct 2017 13:54

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	13.1	10.0	15.0





#74
 Fluoranthene
 Concen: 1.604 ng/ul
 RT: 19.31 min Scan# 2758
 Delta R.T. 0.00 min
 Lab File: BM012135.D
 Acq: 13 Oct 2017 13:54

Instrument :
 BNA_M
 ClientSampleId :
 BD9S0DL

Tgt Ion:	202	Resp:	134670
Ion Ratio	Lower	Upper	
202	100		
101	8.5	4.6	7.0#
100	5.8	3.4	5.2#

Manual Integrations
 APPROVED

Sohil
 10/15/2017 12:37:32 PM

