

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014432.D
 Acq On : 01 Mar 2018 09:56
 Operator : SJ/JU
 Sample : J1678-03
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T2

Manual Integrations
 APPROVED

Sohil
 3/1/2018 5:16:01 PM

Quant Time: Mar 01 13:21:38 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	144483	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	652387	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	393169	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	845272	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	807573	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	640206	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	14919	4.42	ng/uL	0.00
5) Phenol-d5	6.72	99	450738	36.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	263927	35.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	359752	38.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	379785	35.54	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	190273	39.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	209817	42.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	387229	37.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	402656	39.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	1263085	38.90	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	1615561	40.35	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	175132m	39.07	ng/ul	0.01
57) Fluorene-d10	15.18	176	1052824	36.19	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	52888	10.43	ng/ul	0.00
70) Anthracene-d10	17.04	188	1612431	39.54	ng/ul	0.00
76) Pyrene-d10	19.35	212	1813134	43.53	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	1192569	38.27	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	6.74	94	24703	1.928	ng/ul#	87
44) Dimethylphthalate	13.64	163	329175	10.281	ng/ul	98
49) Acenaphthene	14.23	153	79565	2.986	ng/ul	97
53) Dibenzofuran	14.58	168	50243	1.257	ng/ul	88
58) Fluorene	15.23	166	79680	2.310	ng/ul	95
69) Phenanthrene	16.98	178	1053496	21.632	ng/ul	100
71) Anthracene	17.07	178	247643	5.056	ng/ul	99
72) Carbazole	17.36	167	124239	3.017	ng/ul#	96
74) Fluoranthene	19.01	202	1640900	28.201	ng/ul#	93
77) Pyrene	19.38	202	1359110	25.324	ng/ul#	94
80) Benzo(a)anthracene	21.14	228	691890	13.728	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	21.07	149	420386	13.228	ng/ul#	93
82) Chrysene	21.19	228	621918	13.227	ng/ul	96
85) Benzo(b)fluoranthene	22.69	252	637501	14.872	ng/ul#	96
86) Benzo(k)fluoranthene	22.72	252	230851	5.664	ng/ul#	90
88) Benzo(a)pyrene	23.24	252	445671	11.634	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	25.50	276	248722	6.691	ng/ul#	95
90) Dibenzo(a,h)anthracene	25.50	278	73044	2.365	ng/ul#	91
91) Benzo(g,h,i)perylene	26.16	276	196843	6.537	ng/ul#	92

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

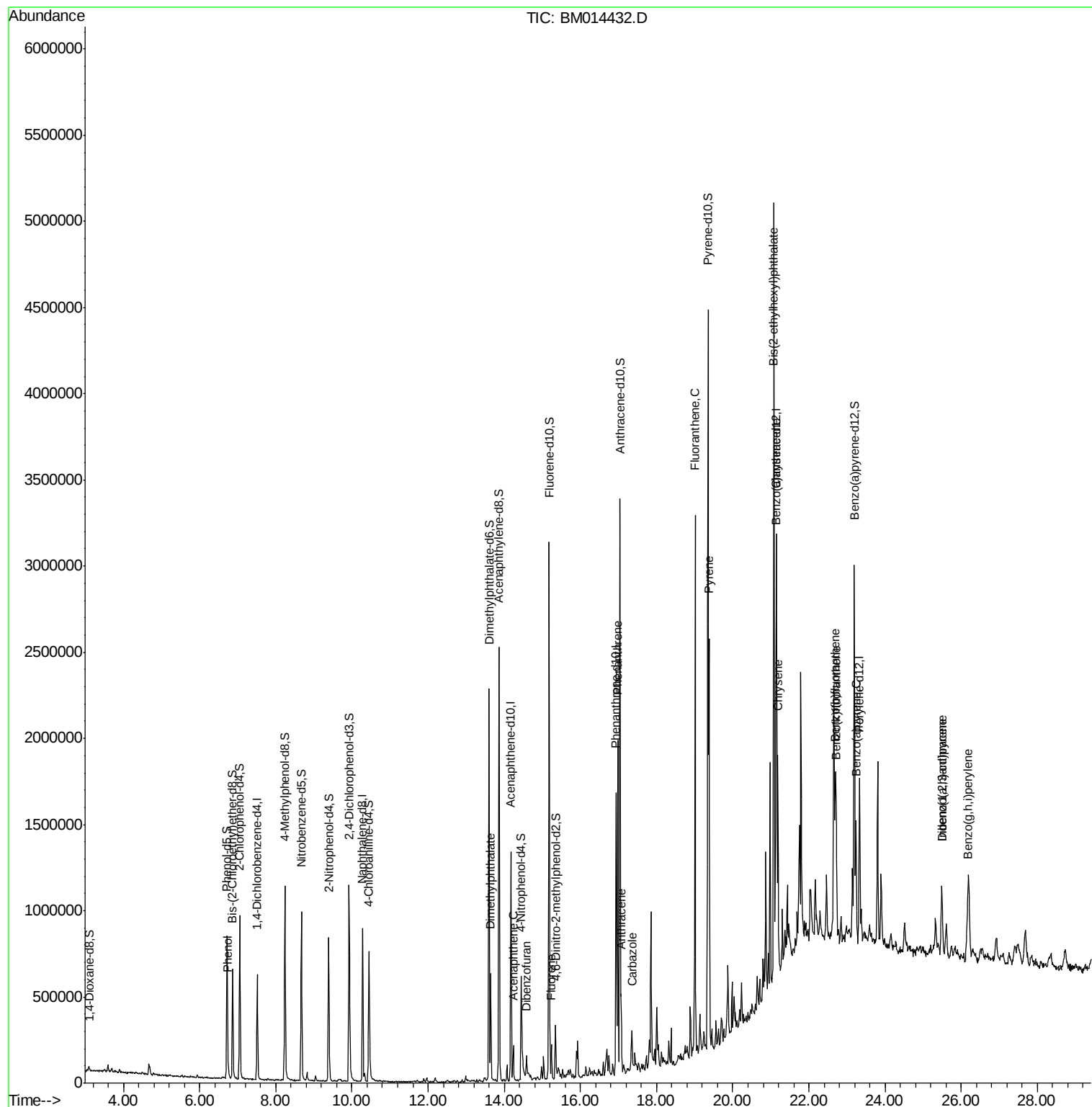
Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
Data File : BM014432.D
Acq On : 01 Mar 2018 09:56
Operator : SJ/JU
Sample : J1678-03
Misc :
ALS Vial : 36 Sample Multiplier: 1

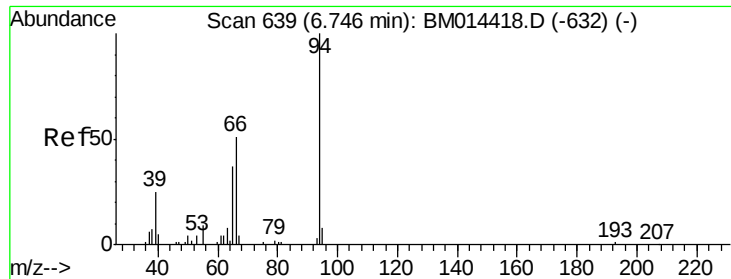
Instrument :
BNA_M
ClientSampleId :
BE5T2

Quant Time: Mar 01 13:21:38 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration

Manual Integrations
APPROVED

Sohil
3/1/2018 5:16:01 PM





#6

Phenol

Concen: 1.928 ng/ul

RT: 6.74 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM014432.D

Acq: 01 Mar 2018 09:56

Instrument :

BNA_M

ClientSampled :

BE5T2

Tot Ion: 94 Resp: 24703

Ion Ratio Lower Upper

94 100

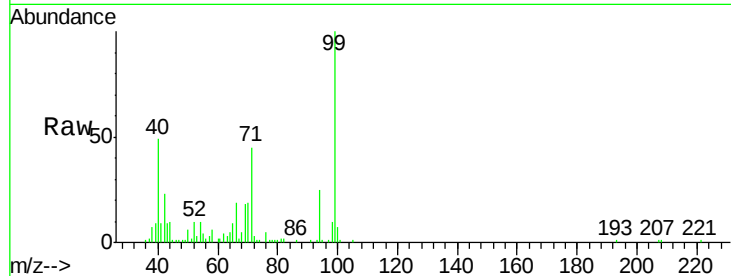
65 35.2 28.2 42.4

66 74.1 47.2 70.8#

Manual Integrations
APPROVED

Sohil

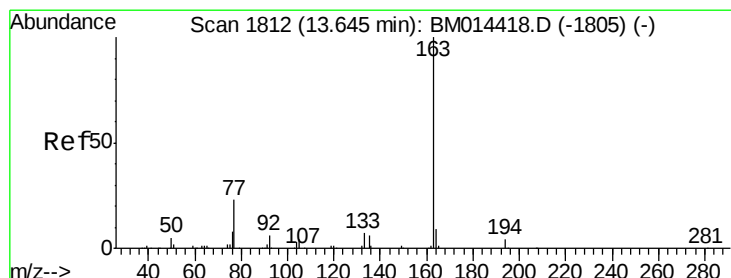
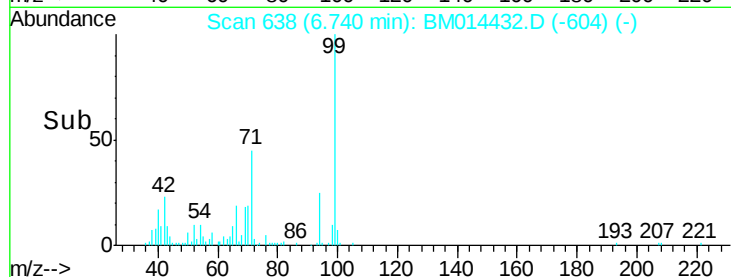
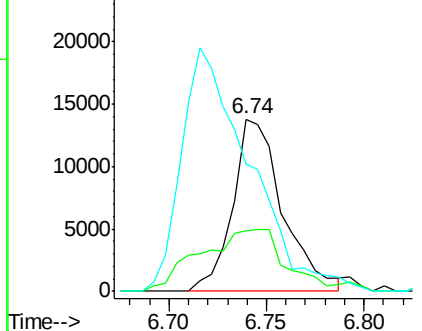
3/1/2018 5:16:01 PM



Abundance Ion 94.00 (93.70 to 94.70): BM014418.D (-632) (-)

Ion 65.00 (64.70 to 65.70): BM014418.D (-632) (-)

Ion 66.00 (65.70 to 66.70): BM014418.D (-632) (-)



#44

Dimethylphthalate

Concen: 10.281 ng/ul

RT: 13.64 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BM014432.D

Acq: 01 Mar 2018 09:56

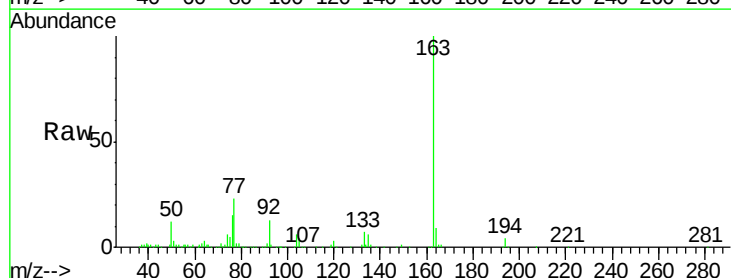
Tgt Ion: 163 Resp: 329175

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

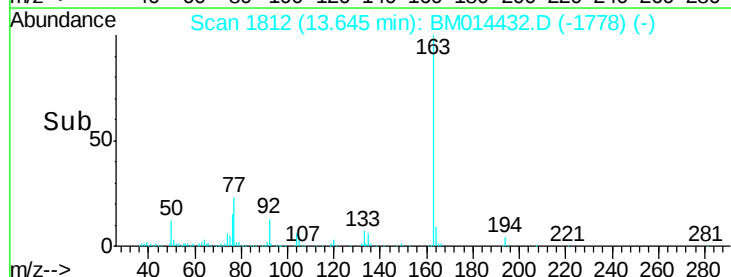
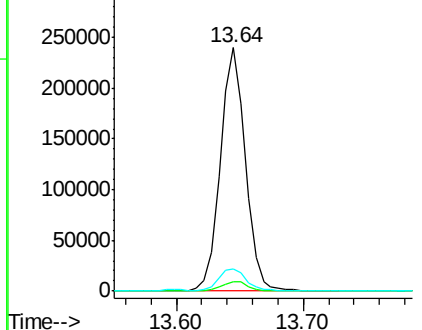
164 9.3 8.2 12.4

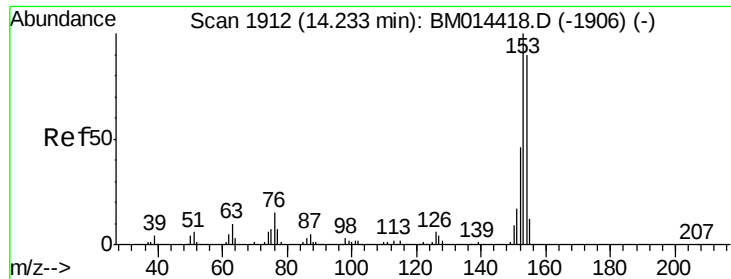


Abundance Ion 163.00 (162.70 to 163.70): BM014418.D (-1805) (-)

Ion 194.00 (193.70 to 194.70): BM014418.D (-1805) (-)

Ion 164.00 (163.70 to 164.70): BM014418.D (-1805) (-)





#49

Acenaphthene

Concen: 2.986 ng/ul

RT: 14.23 min Scan# 1912

Delta R.T. -0.01 min

Lab File: BM014432.D

Acq: 01 Mar 2018 09:56

Instrument :

BNA_M

ClientSampleId :

BE5T2

Tot Ion:153 Resp: 79565

Ion Ratio Lower Upper

153 100

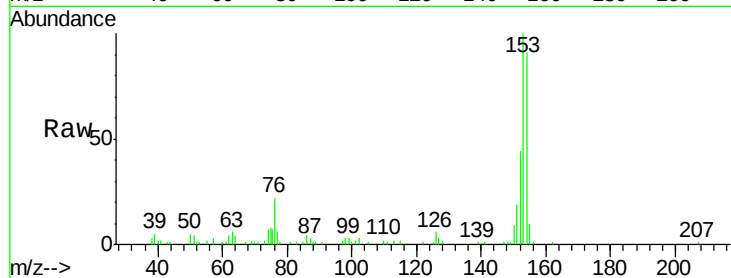
152 44.4 37.6 56.4

154 91.0 70.4 105.6

Manual Integrations
APPROVED

Sohil

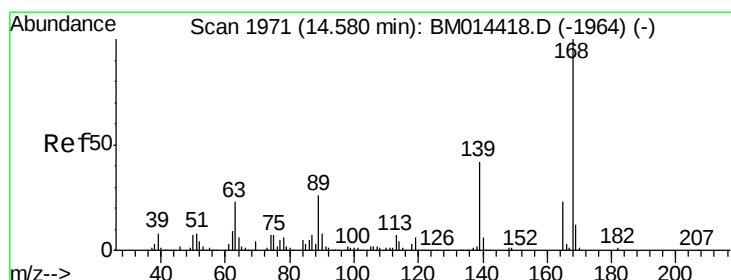
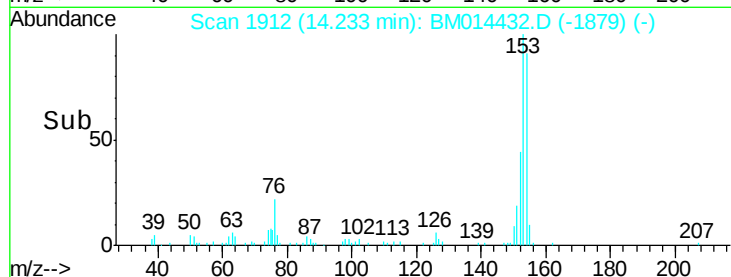
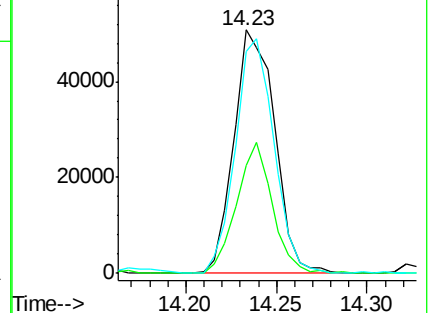
3/1/2018 5:16:01 PM



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: 1.257 ng/ul

RT: 14.58 min Scan# 1971

Delta R.T. 0.00 min

Lab File: BM014432.D

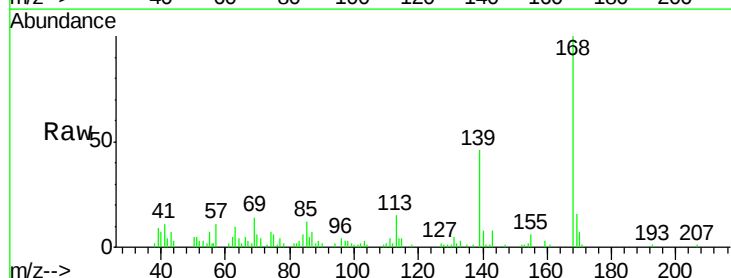
Acq: 01 Mar 2018 09:56

Tgt Ion:168 Resp: 50243

Ion Ratio Lower Upper

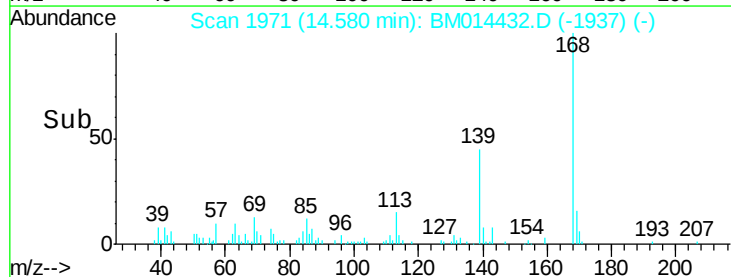
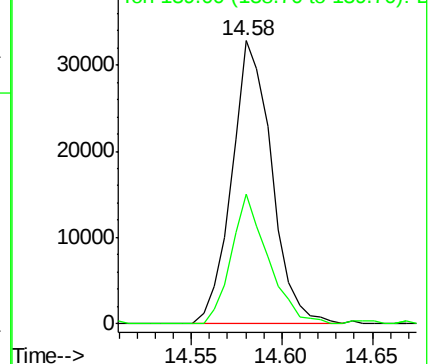
168 100

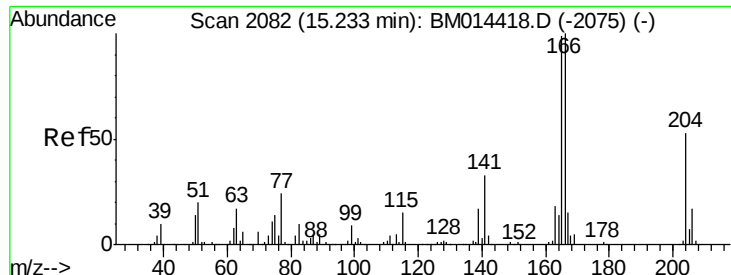
139 45.9 30.8 46.2



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#58

Fluorene

Concen: 2.310 ng/ul

RT: 15.23 min Scan# 2082

Delta R.T. 0.00 min

Lab File: BM014432.D

Acq: 01 Mar 2018 09:56

Instrument :

BNA_M

ClientSampleId :

BE5T2

Tot Ion:166 Resp: 79680

Ion Ratio Lower Upper

166 100

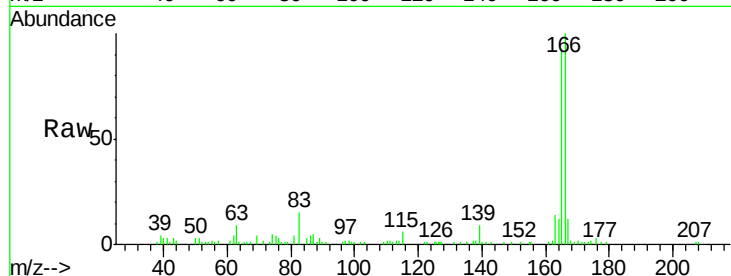
165 92.6 77.9 116.9

167 11.6 10.6 16.0

Manual Integrations
APPROVED

Sohil

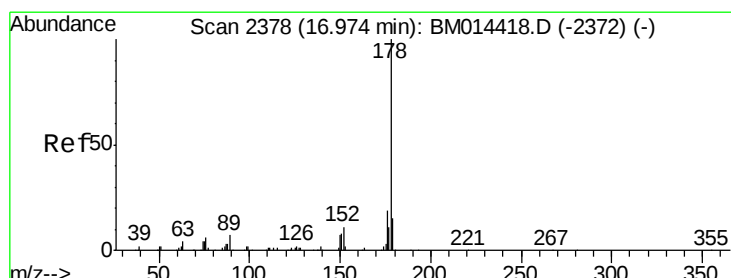
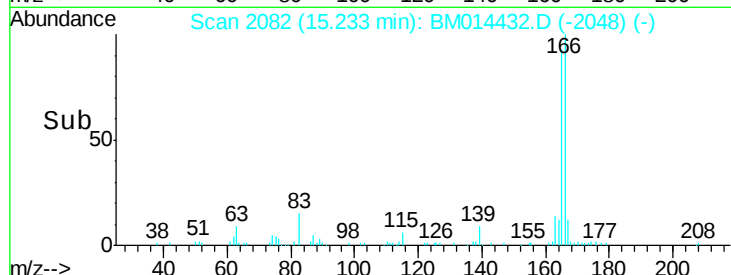
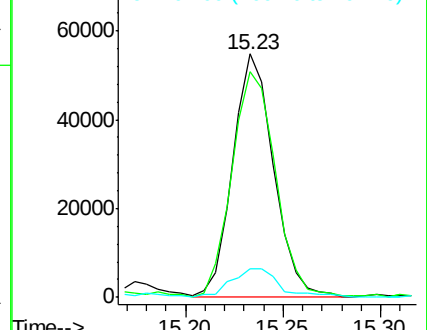
3/1/2018 5:16:01 PM



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#69

Phenanthrene

Concen: 21.632 ng/ul

RT: 16.98 min Scan# 2379

Delta R.T. 0.00 min

Lab File: BM014432.D

Acq: 01 Mar 2018 09:56

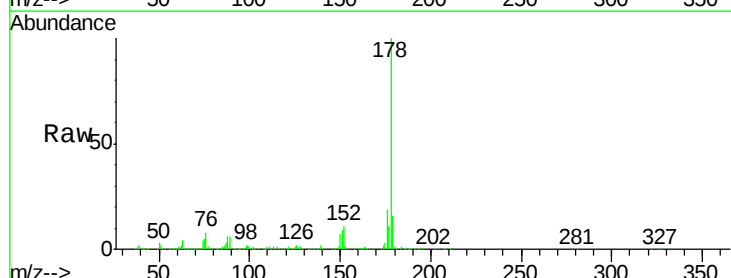
Tgt Ion:178 Resp: 1053496

Ion Ratio Lower Upper

178 100

179 15.9 12.6 19.0

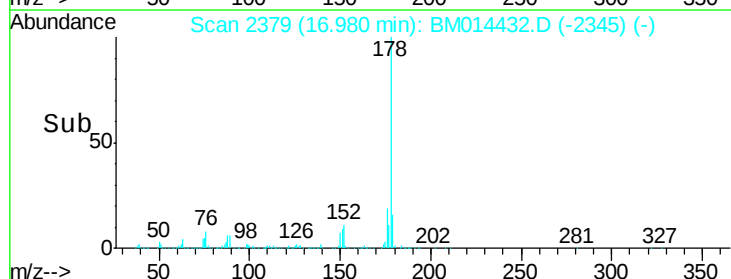
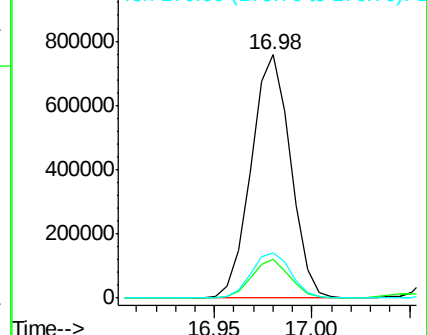
176 18.6 14.9 22.3

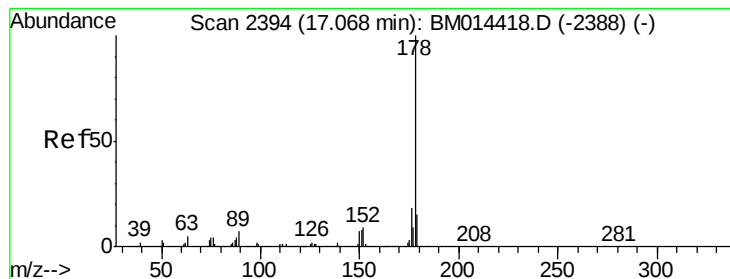


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#71

Anthracene

Concen: 5.056 ng/ul

RT: 17.07 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BM014432.D

Acq: 01 Mar 2018 09:56

Instrument :

BNA_M

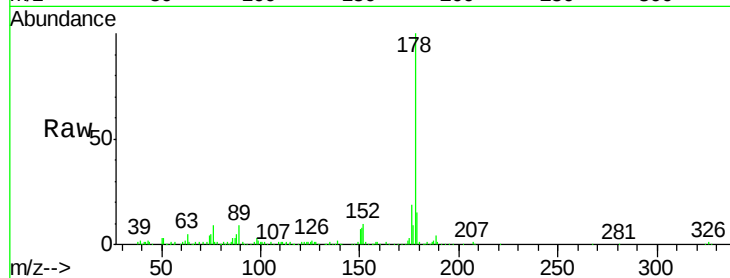
ClientSampleId :

BE5T2

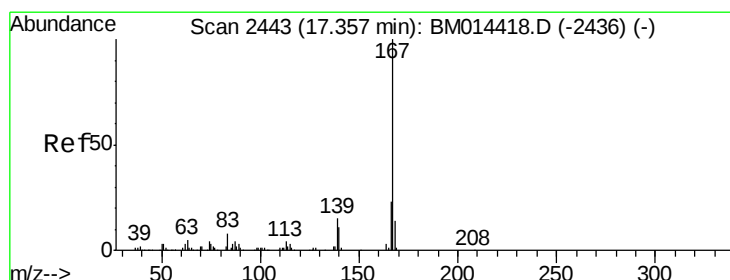
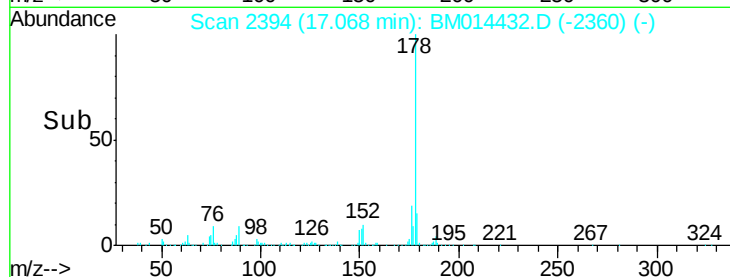
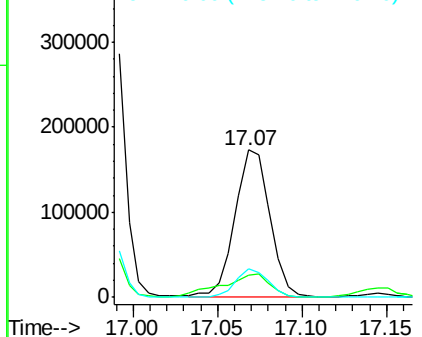
Tot Ion:	178	Resp:	247643
Ion Ratio	Lower	Upper	
178	100		
179	14.9	11.7	17.5
176	19.0	14.6	21.8

Manual Integrations
APPROVED

Sohil
3/1/2018 5:16:01 PM



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E



#72

Carbazole

Concen: 3.017 ng/ul

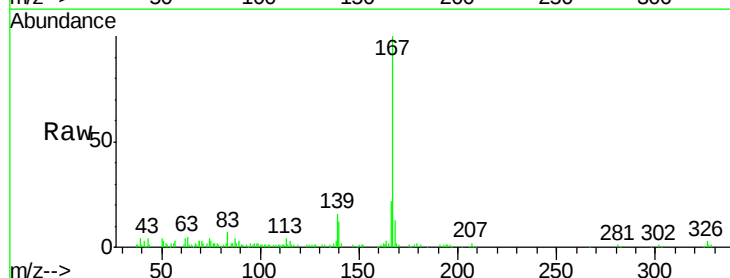
RT: 17.36 min Scan# 2443

Delta R.T. 0.00 min

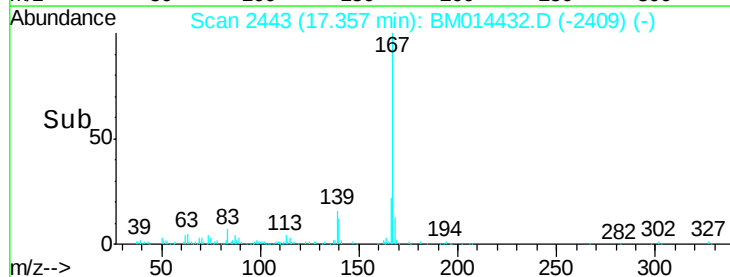
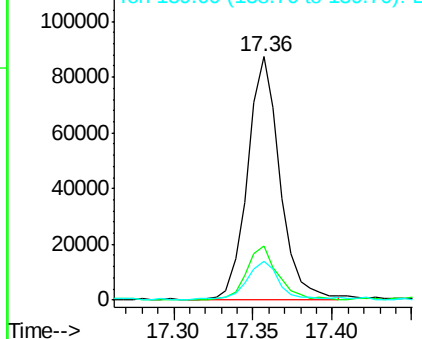
Lab File: BM014432.D

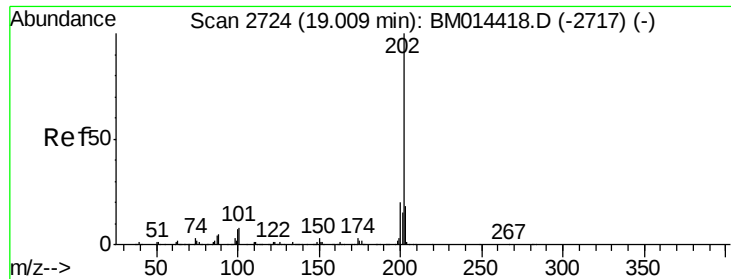
Acq: 01 Mar 2018 09:56

Tgt Ion:	167	Resp:	124239
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.1	25.7
139	16.1	10.0	15.0#



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E





#74

Fluoranthene

Concen: 28.201 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM014432.D

Acq: 01 Mar 2018 09:56

Instrument :

BNA_M

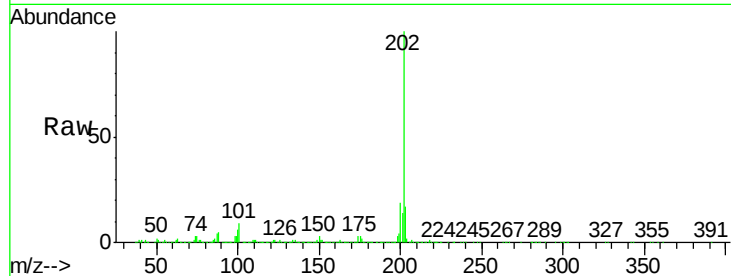
ClientSampleId :

BE5T2

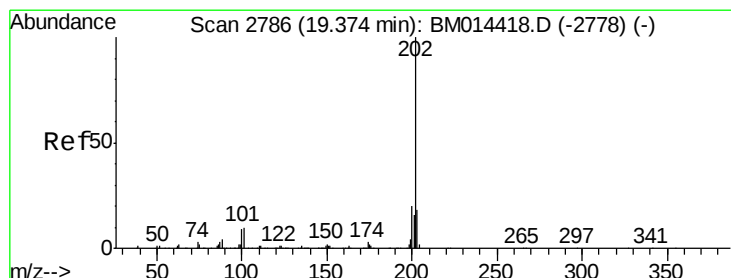
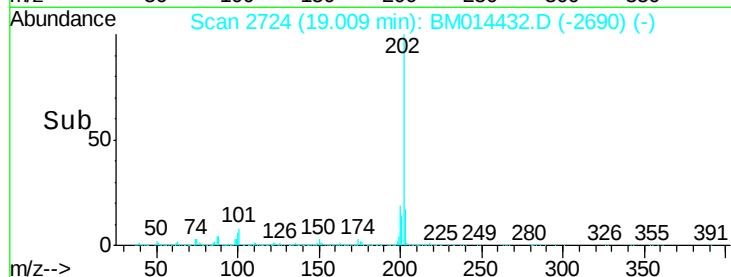
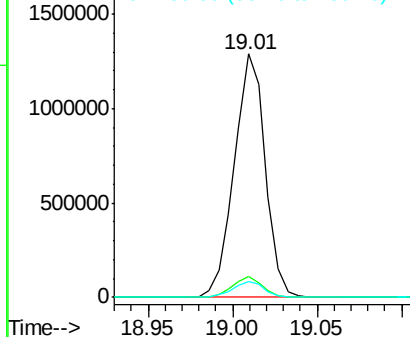
Tot Ion:	202	Resp:	1640900
Ion Ratio	Lower	Upper	
202	100		
101	8.6	4.6	7.0#
100	6.2	3.4	5.2#

Manual Integrations
APPROVED

Sohil
3/1/2018 5:16:01 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: 25.324 ng/ul

RT: 19.38 min Scan# 2787

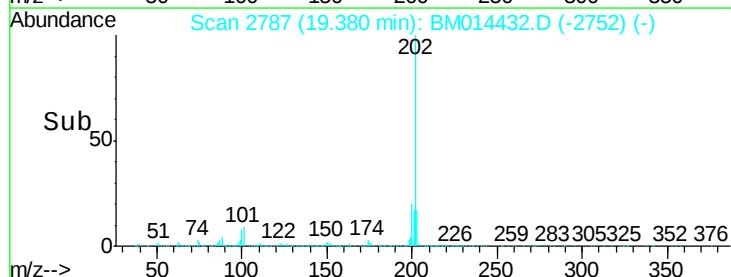
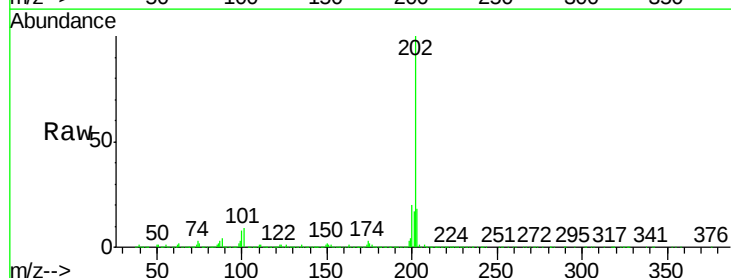
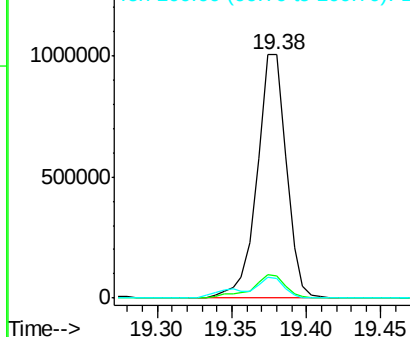
Delta R.T. 0.01 min

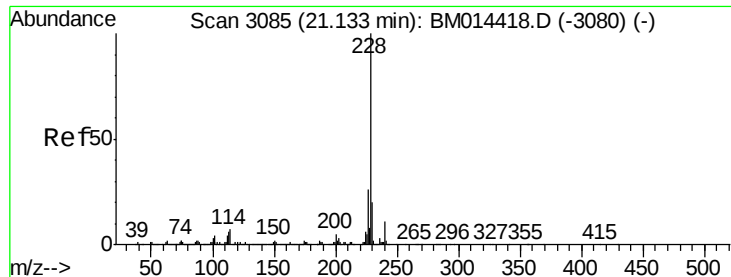
Lab File: BM014432.D

Acq: 01 Mar 2018 09:56

Tgt Ion:	202	Resp:	1359110
Ion Ratio	Lower	Upper	
202	100		
101	8.9	5.1	7.7#
100	7.8	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





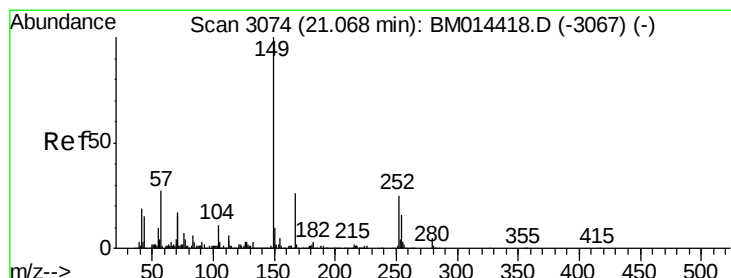
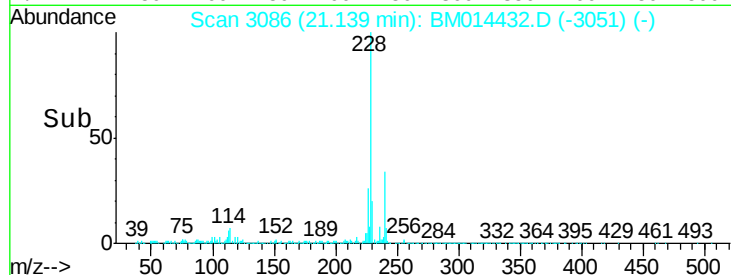
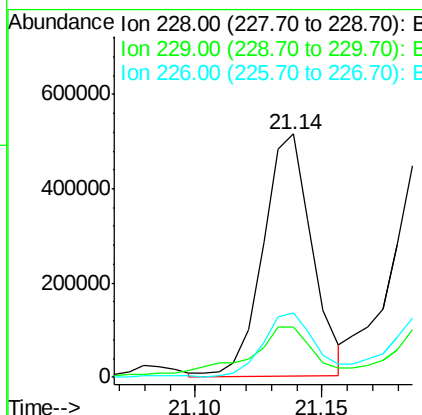
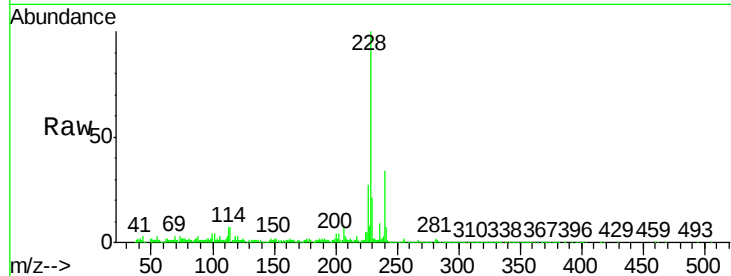
#80
Benzo(a)anthracene
Concen: 13.728 ng/ul
RT: 21.14 min Scan# 3086
Delta R.T. 0.01 min
Lab File: BM014432.D
Acq: 01 Mar 2018 09:56

Instrument :
BNA_M
ClientSampled :
BE5T2

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.4	23.0
226	26.6	21.4	32.0

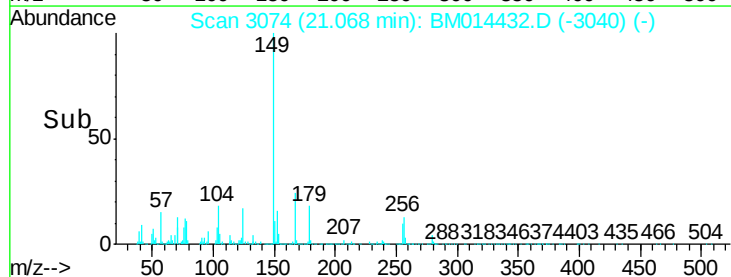
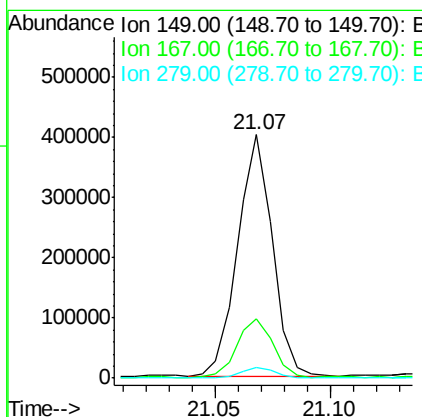
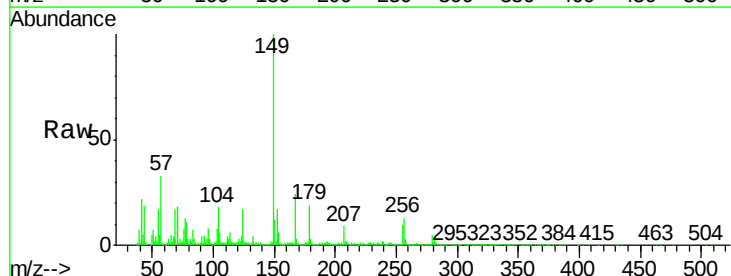
Manual Integrations
APPROVED

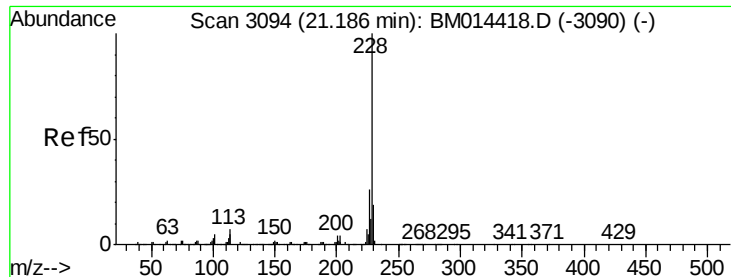
Sohil
3/1/2018 5:16:01 PM



#81
Bis(2-ethylhexyl)phthalate
Concen: 13.228 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. 0.00 min
Lab File: BM014432.D
Acq: 01 Mar 2018 09:56

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.3	22.8	34.2
279	4.5	4.9	7.3#





#82

Chrysene

Concen: 13.227 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM014432.D

Acq: 01 Mar 2018 09:56

Instrument :

BNA_M

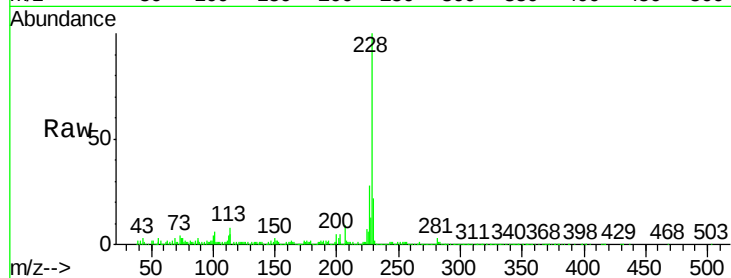
ClientSampleId :

BE5T2

Tot Ion:	228	Resp:	621918
Ion Ratio	Lower	Upper	
228	100		
226	28.2	23.4	35.2
229	22.3	15.5	23.3

Manual Integrations
APPROVED

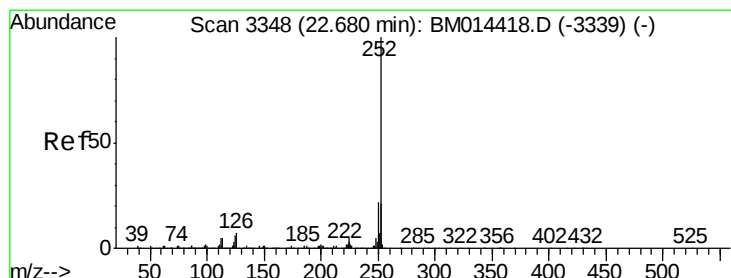
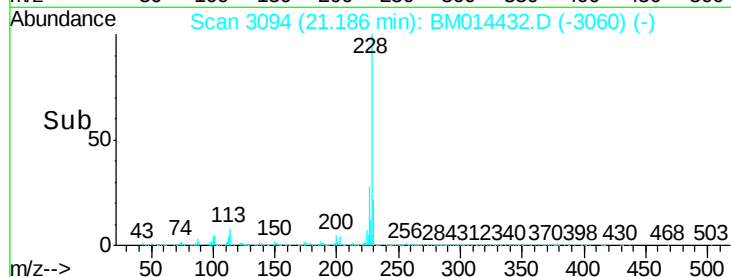
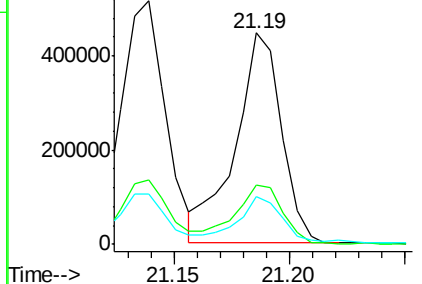
Sohil
3/1/2018 5:16:01 PM



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#85

Benzo(b)fluoranthene

Concen: 14.872 ng/ul

RT: 22.69 min Scan# 3349

Delta R.T. 0.01 min

Lab File: BM014432.D

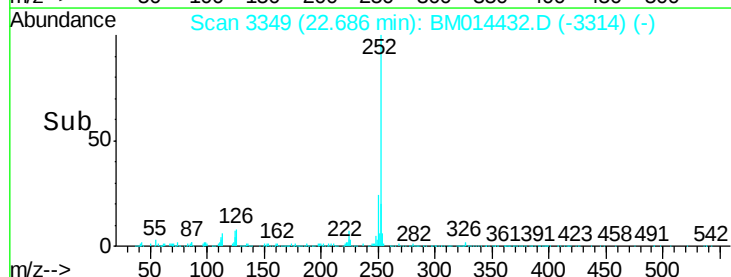
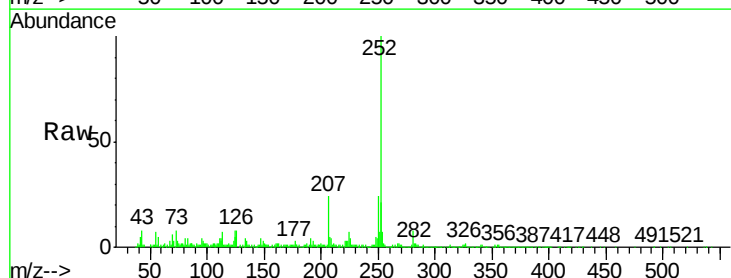
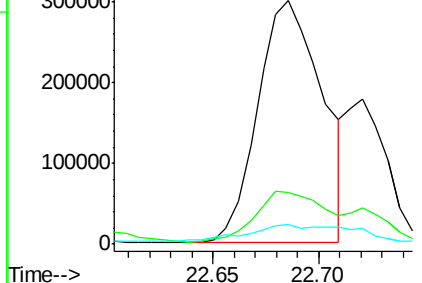
Acq: 01 Mar 2018 09:56

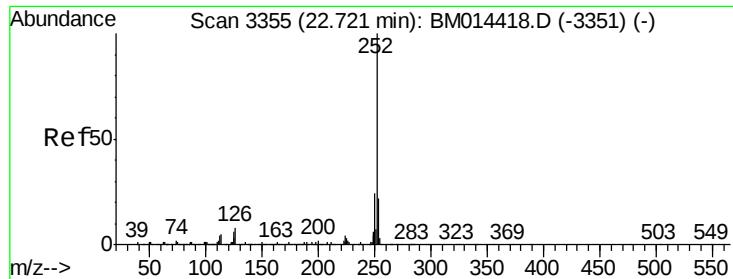
Tgt Ion:	252	Resp:	637501
Ion Ratio	Lower	Upper	
252	100		
253	21.0	17.9	26.9
125	7.8	3.6	5.4#

Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





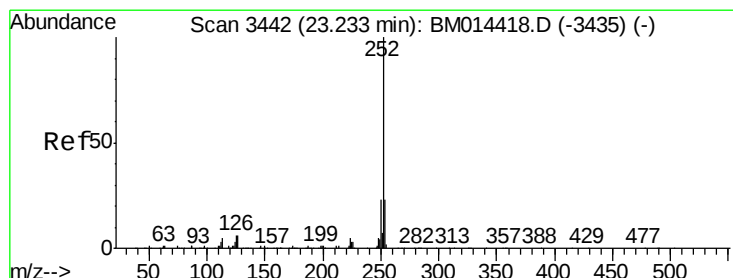
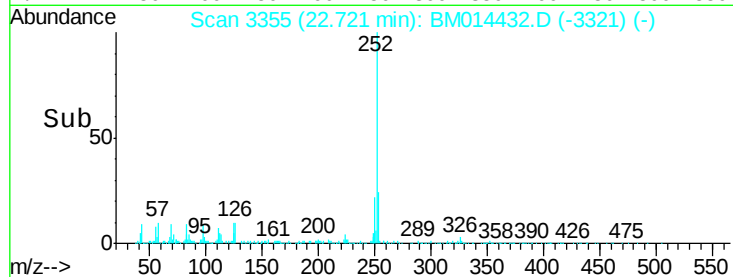
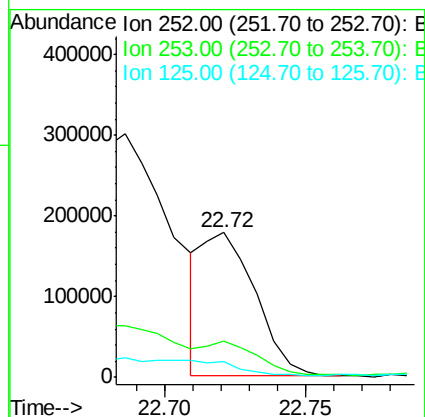
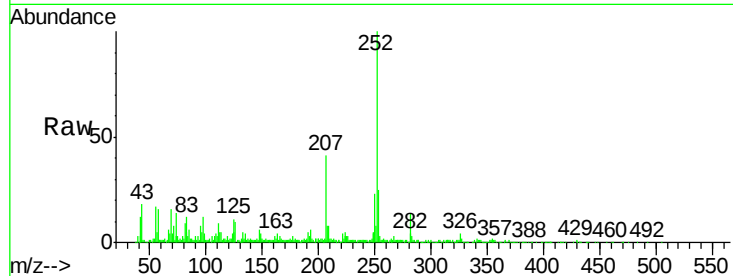
#86
Benzo(k)fluoranthene
Concen: 5.664 ng/ul
RT: 22.72 min Scan# 3355
Delta R.T. 0.00 min
Lab File: BM014432.D
Acq: 01 Mar 2018 09:56

Instrument :
BNA_M
ClientSampled :
BE5T2

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.1	25.7
125	11.0	3.4	5.2

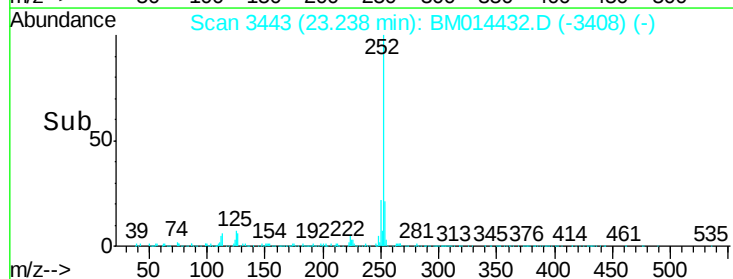
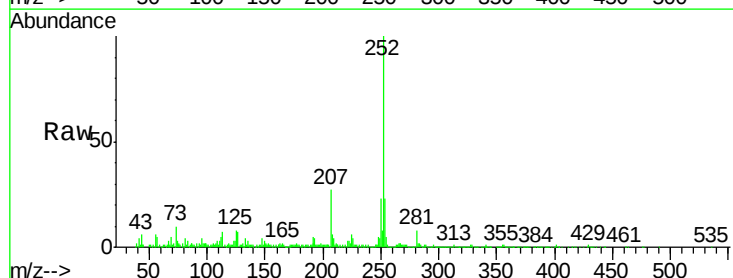
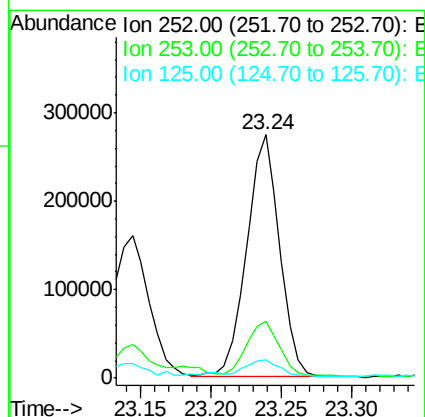
Manual Integrations
APPROVED

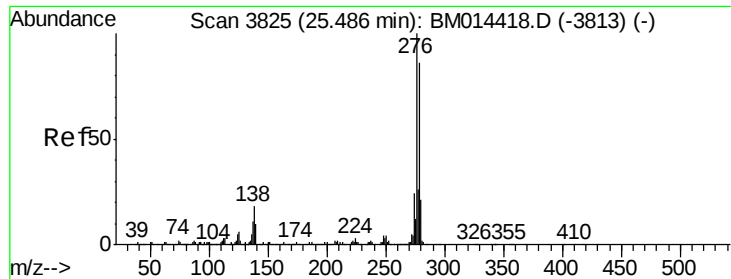
Sohil
3/1/2018 5:16:01 PM



#88
Benzo(a)pyrene
Concen: 11.634 ng/ul
RT: 23.24 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM014432.D
Acq: 01 Mar 2018 09:56

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	7.8	4.0	6.0





#89

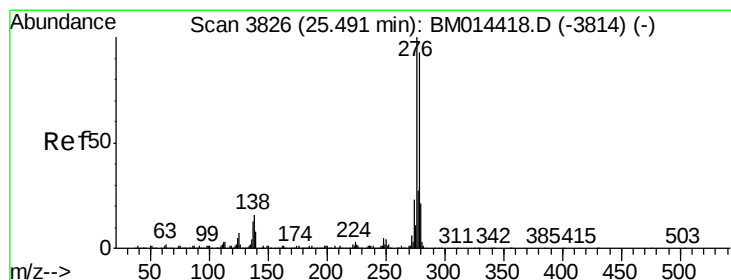
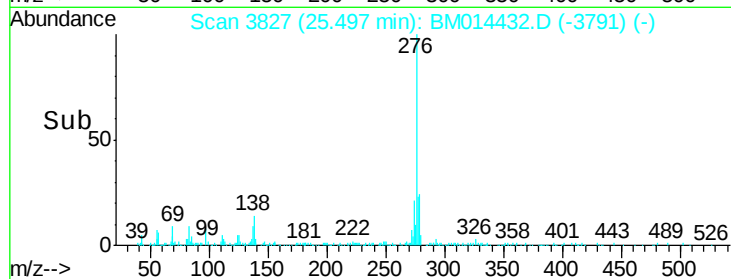
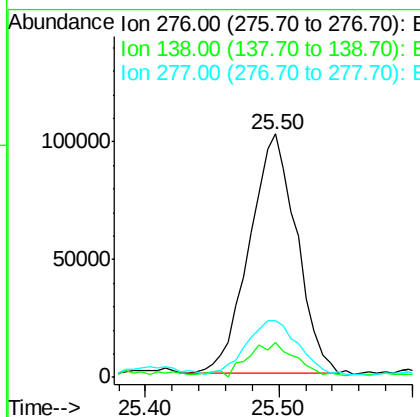
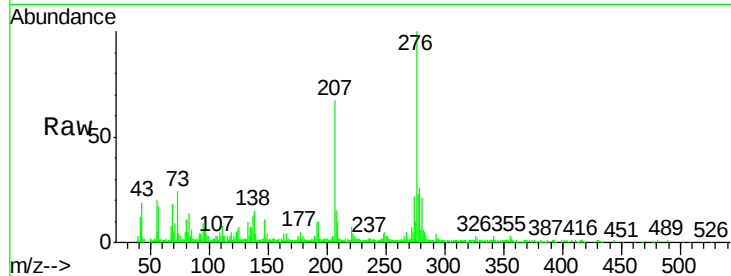
Indeno(1,2,3-cd)pyrene
Concen: 6.691 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.01 min
Lab File: BM014432.D
Acq: 01 Mar 2018 09:56

Instrument :
BNA_M
ClientSampleId :
BE5T2

Tot Ion	Ratio	Lower	Upper
276	100		
138	14.6	9.3	13.9#
277	23.2	19.9	29.9

Manual Integrations
APPROVED

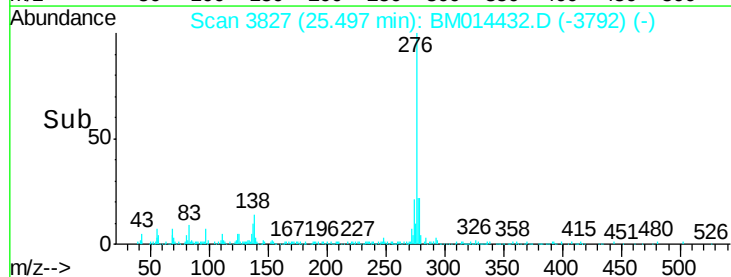
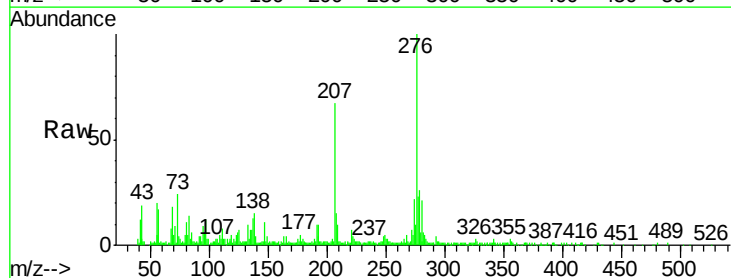
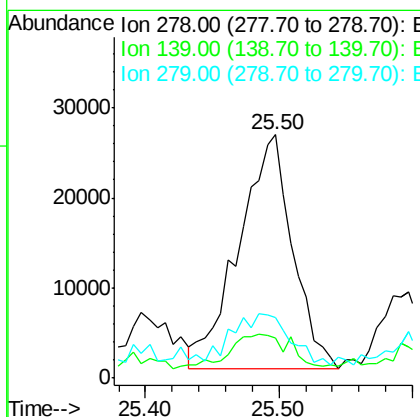
Sohil
3/1/2018 5:16:01 PM

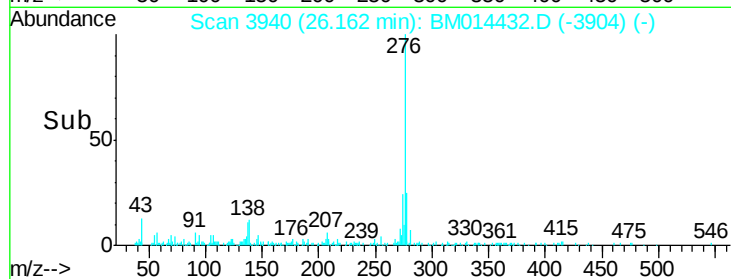
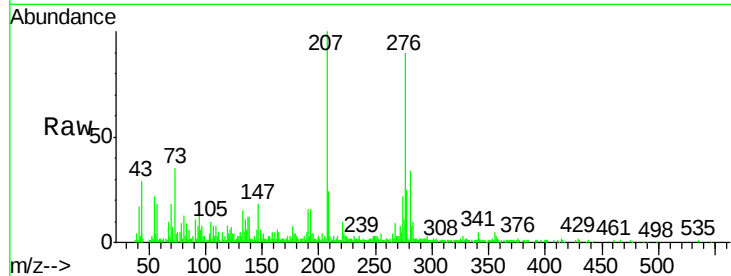
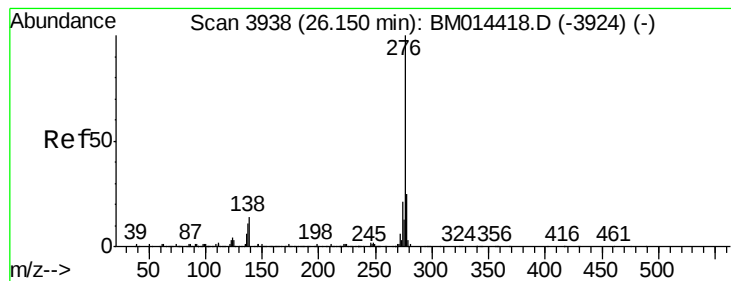


#90

Dibenzo(a,h)anthracene
Concen: 2.365 ng/ul
RT: 25.50 min Scan# 3827
Delta R.T. 0.01 min
Lab File: BM014432.D
Acq: 01 Mar 2018 09:56

Tgt Ion	Ratio	Lower	Upper
278	100		
139	16.4	5.8	8.8#
279	24.9	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 6.537 ng/ul

RT: 26.16 min Scan# 3940

Delta R.T. 0.01 min

Lab File: BM014432.D

Acq: 01 Mar 2018 09:56

Tot Ion	Ratio	Lower	Upper
276	100		
138	13.2	8.5	12.7#
277	27.3	18.6	28.0

Instrument :

BNA_M

ClientSampleId :

BE5T2

Manual Integrations
APPROVED

Sohil
3/1/2018 5:16:01 PM

