

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013355.D
 Acq On : 13 Dec 2017 00:47
 Operator : SJ/JU
 Sample : I6776-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A61

Manual Integrations
 APPROVED

Sohil
 12/13/2017 12:05:54 PM

Quant Time: Dec 13 04:19:33 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 13 01:37:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	125196	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	566580	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	356084	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	940186	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1237381	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1200483	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	10489	4.15	ng/uL	0.00
5) Phenol-d5	6.86	99	252046	23.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	154190	24.96	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	208176	24.59	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	201227	21.75	ng/ul	0.00
19) Nitrobenzene-d5	8.84	128	115090	25.61	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	118396	24.62	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	228359	23.04	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	259864	28.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.74	166	800712	25.27	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	995406	25.46	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	121942	22.15	ng/ul	0.00
57) Fluorene-d10	15.32	176	713925	26.20	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	100512	16.99	ng/ul	0.00
70) Anthracene-d10	17.17	188	1181587	25.09	ng/ul	0.00
76) Pyrene-d10	19.47	212	1509386	24.48	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1544840	25.26	ng/ul	0.00

Target Compounds

					Ovalue
6) Phenol	6.89	94	45938	4.290	ng/ul 90
44) Dimethylphthalate	13.79	163	153280	5.058	ng/ul 98
47) Acenaphthylene	14.04	152	103709	2.866	ng/ul 97
69) Phenanthrene	17.12	178	113165	2.119	ng/ul 99
71) Anthracene	17.21	178	97157	1.780	ng/ul 97
74) Fluoranthene	19.14	202	445667	6.809	ng/ul# 93
77) Pyrene	19.50	202	463296	6.163	ng/ul# 92
80) Benzo(a)anthracene	21.25	228	341382	4.348	ng/ul 95
82) Chrysene	21.30	228	451097	6.193	ng/ul 99
85) Benzo(b)fluoranthene	22.83	252	822137	10.159	ng/ul# 98
86) Benzo(k)fluoranthene	22.86	252	243917m	3.203	ng/ul
88) Benzo(a)pyrene	23.40	252	429870	5.913	ng/ul# 97
89) Indeno(1,2,3-cd)pyrene	25.72	276	284692	3.947	ng/ul# 93
90) Dibenzo(a,h)anthracene	25.73	278	81811	1.332	ng/ul# 96
91) Benzo(g,h,i)perylene	26.41	276	248380	4.366	ng/ul# 96

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

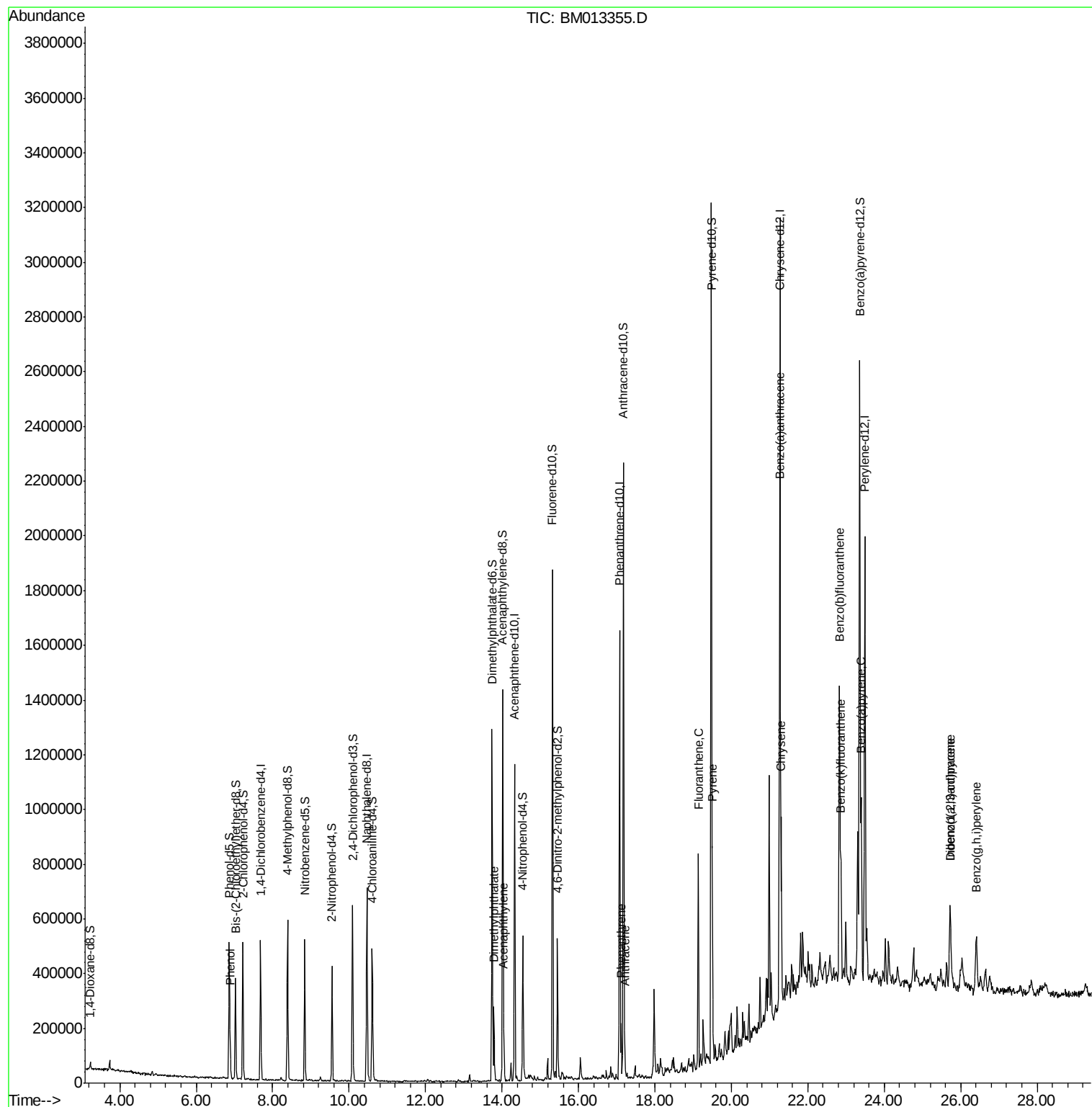
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
Data File : BM013355.D
Acq On : 13 Dec 2017 00:47
Operator : SJ/JU
Sample : I6776-09
Misc :
ALS Vial : 23 Sample Multiplier: 1

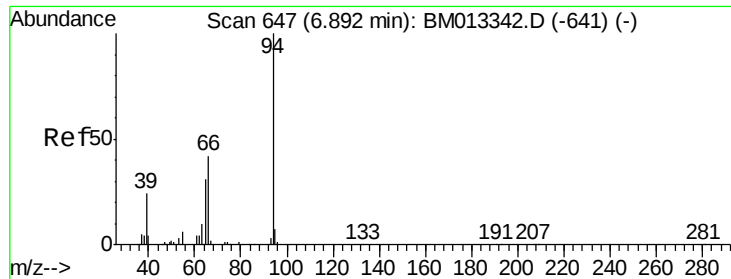
Instrument :
BNA_M
ClientSampleId :
F9A61

Manual Integrations
APPROVED

Sohil
12/13/2017 12:05:54 PM

Quant Time: Dec 13 04:19:33 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Dec 13 01:37:55 2017
Response via : Initial Calibration





#6

Phenol

Concen: 4.290 ng/ul

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM013355.D

Acq: 13 Dec 2017 00:47

Instrument :

BNA_M

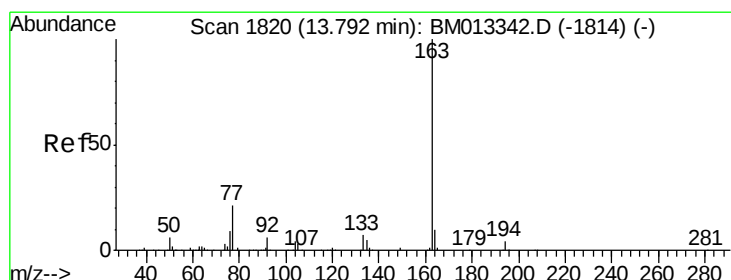
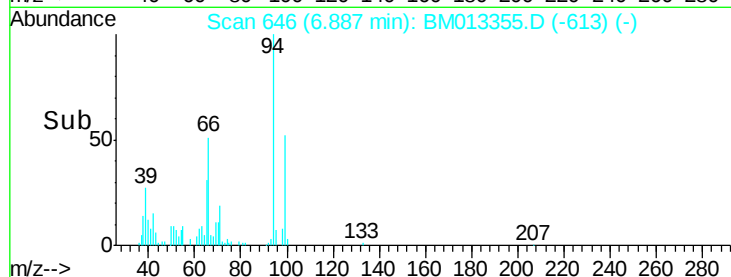
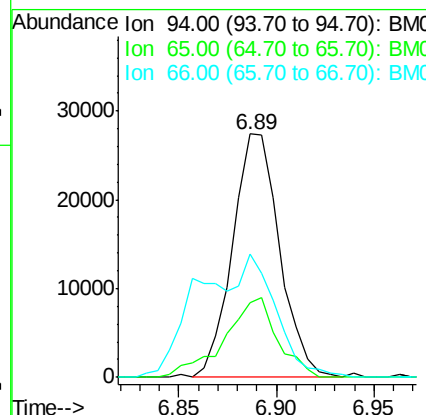
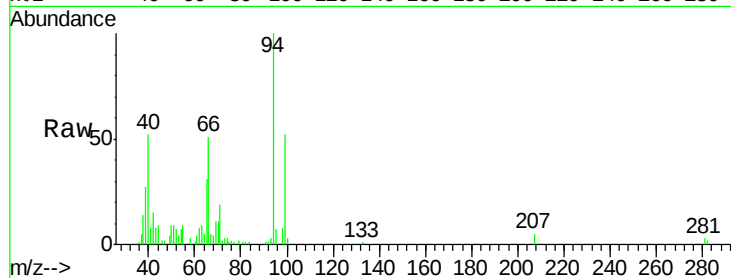
ClientSampleId :

F9A61

Tot Ion:	94	Resp:	45938
Ion	Ratio	Lower	Upper
94	100		
65	30.7	28.2	42.4
66	50.7	47.2	70.8

Manual Integrations
APPROVED

Sohil
12/13/2017 12:05:54 PM



#44

Dimethylphthalate

Concen: 5.058 ng/ul

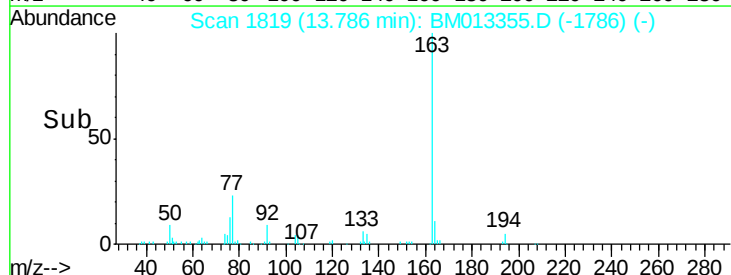
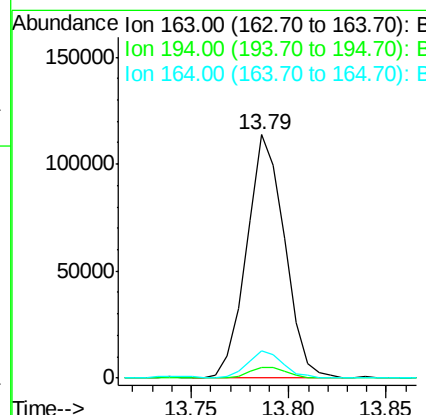
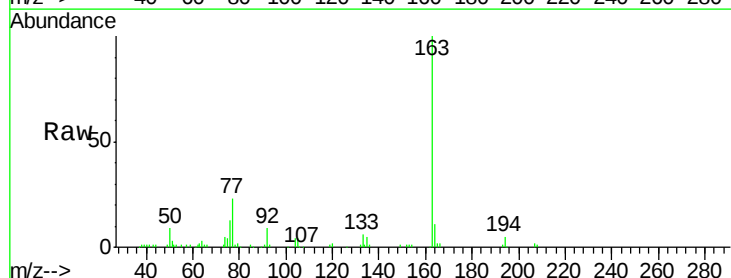
RT: 13.79 min Scan# 1819

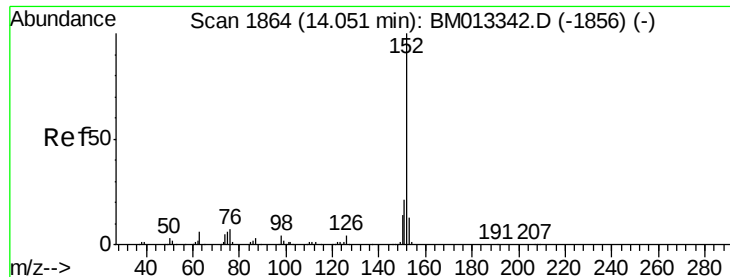
Delta R.T. -0.01 min

Lab File: BM013355.D

Acq: 13 Dec 2017 00:47

Tgt Ion:	163	Resp:	153280
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	11.1	8.2	12.4





#47

Acenaphthylene

Concen: 2.866 ng/ul

RT: 14.04 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BM013355.D

Acq: 13 Dec 2017 00:47

Instrument :

BNA_M

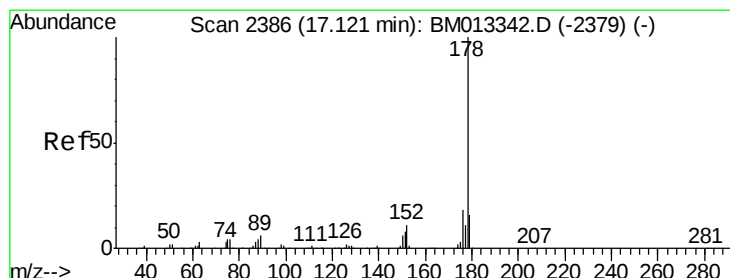
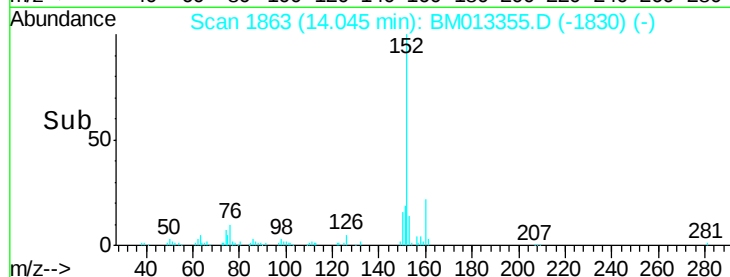
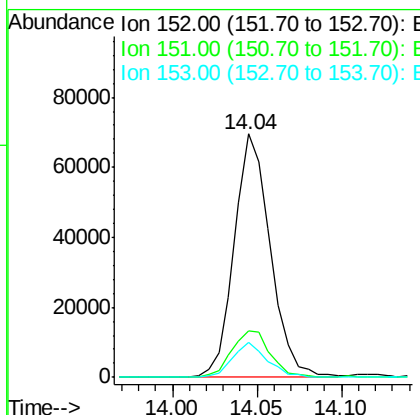
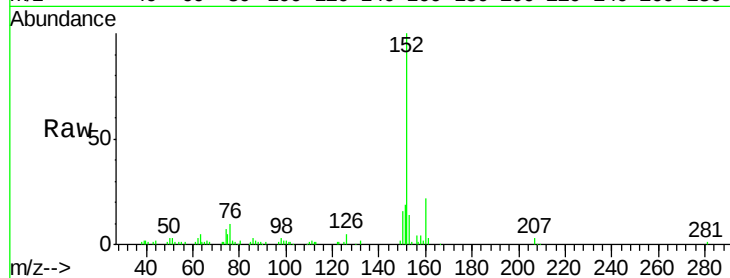
ClientSampleId :

F9A61

Tot Ion:	152	Resp:	103709
Ion Ratio	Lower	Upper	
152	100		
151	18.9	16.3	24.5
153	14.1	10.2	15.4

Manual Integrations
APPROVED

Sohil
12/13/2017 12:05:54 PM



#69

Phenanthrene

Concen: 2.119 ng/ul

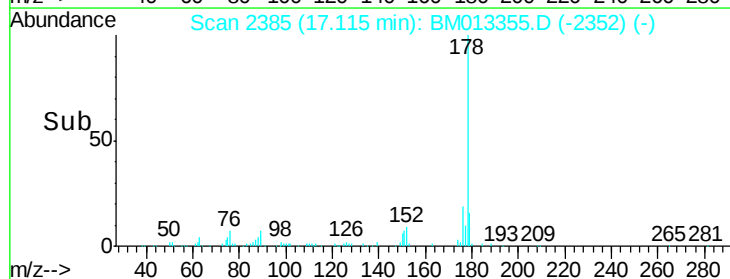
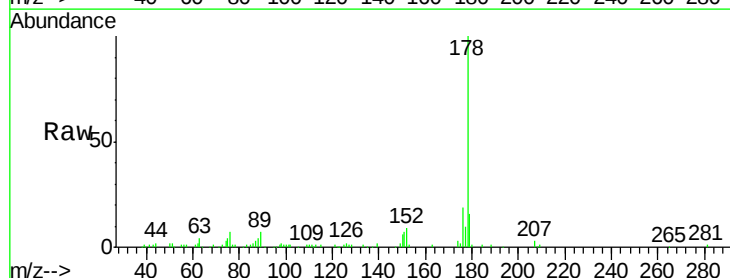
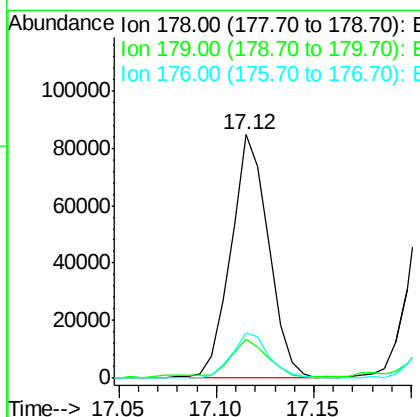
RT: 17.12 min Scan# 2385

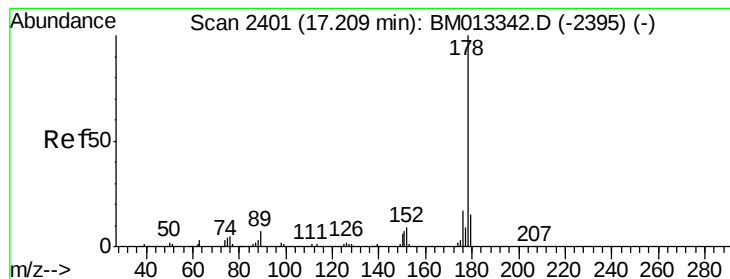
Delta R.T. -0.01 min

Lab File: BM013355.D

Acq: 13 Dec 2017 00:47

Tgt Ion:	178	Resp:	113165
Ion Ratio	Lower	Upper	
178	100		
179	16.1	12.6	19.0
176	18.8	14.9	22.3





#71

Anthracene

Concen: 1.780 ng/ul

RT: 17.21 min Scan# 2401

Delta R.T. -0.00 min

Lab File: BM013355.D

Acq: 13 Dec 2017 00:47

Instrument :

BNA_M

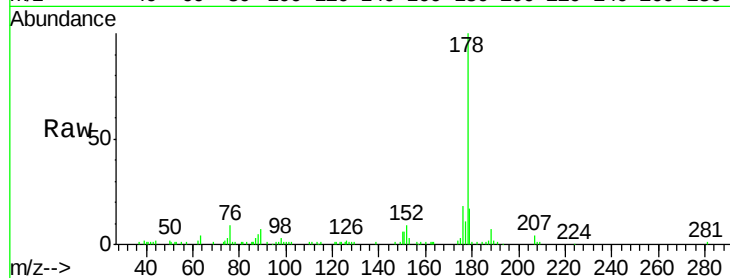
ClientSampled :

F9A61

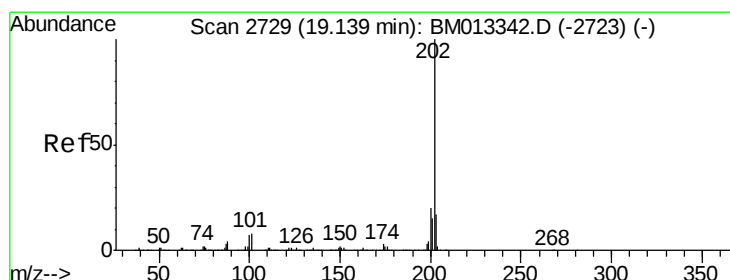
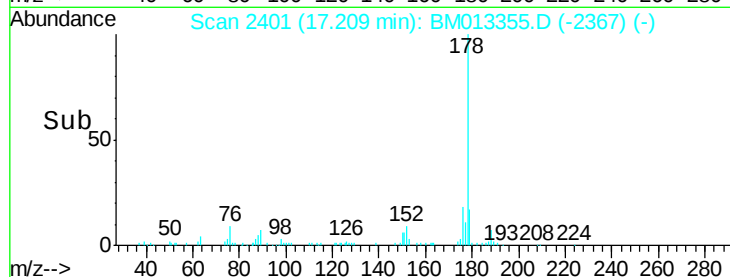
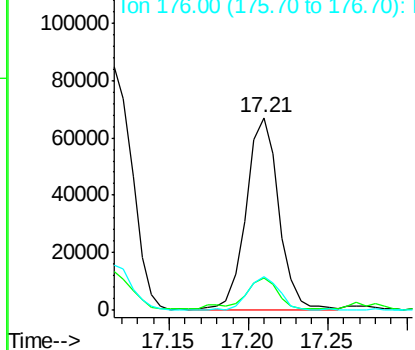
Tot Ion:	178	Resp:	97157
Ion Ratio	Lower	Upper	
178	100		
179	17.1	11.7	17.5
176	17.7	14.6	21.8

Manual Integrations
APPROVED

Sohil
12/13/2017 12:05:54 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



#74

Fluoranthene

Concen: 6.809 ng/ul

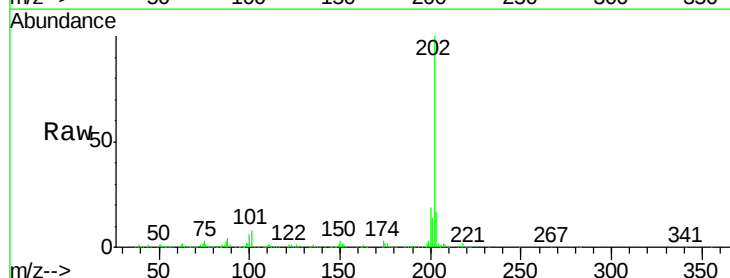
RT: 19.14 min Scan# 2729

Delta R.T. -0.00 min

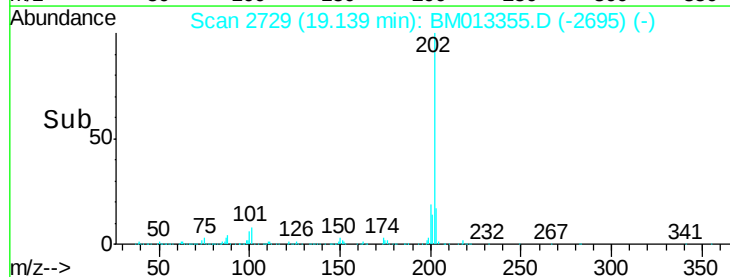
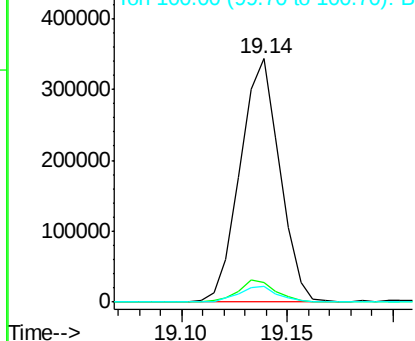
Lab File: BM013355.D

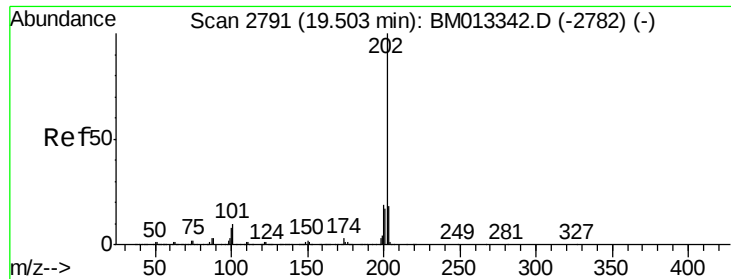
Acq: 13 Dec 2017 00:47

Tgt Ion:	202	Resp:	445667
Ion Ratio	Lower	Upper	
202	100		
101	8.1	4.6	7.0#
100	6.4	3.4	5.2#



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





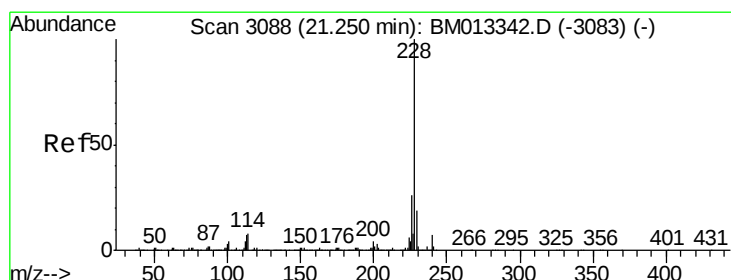
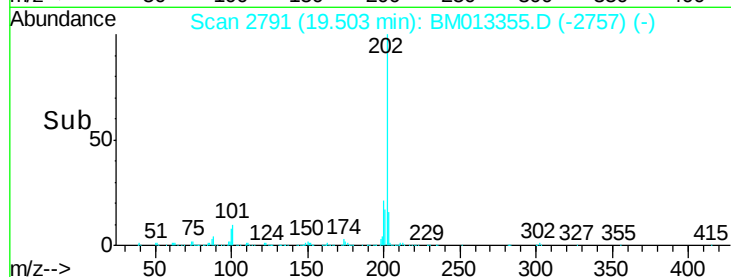
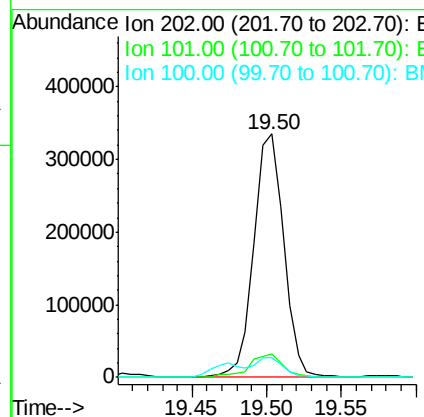
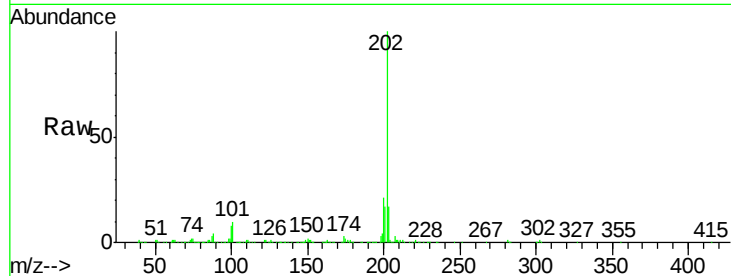
#77
Pvrene
Concen: 6.163 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM013355.D
Acq: 13 Dec 2017 00:47

Instrument :
BNA_M
ClientSampleId :
F9A61

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	5.1	7.7#
100	8.1	4.9	7.3#

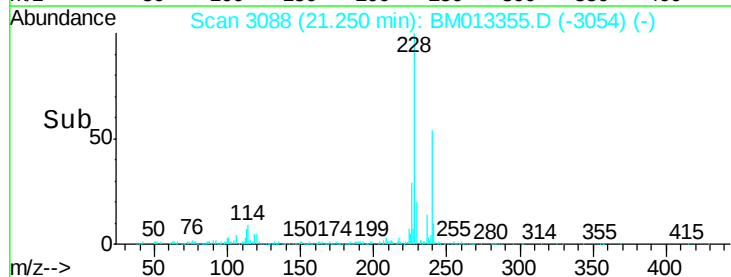
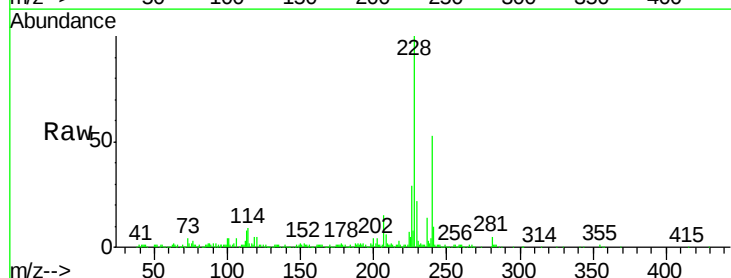
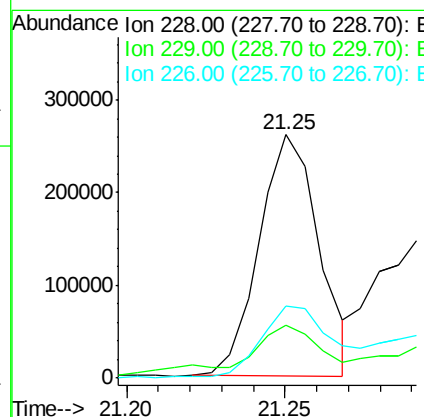
Manual Integrations
APPROVED

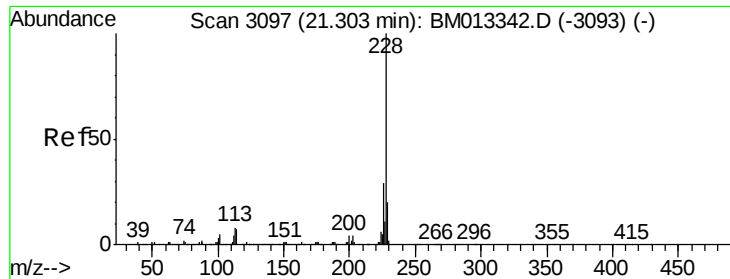
Sohil
12/13/2017 12:05:54 PM



#80
Benzo(a)anthracene
Concen: 4.348 ng/ul
RT: 21.25 min Scan# 3088
Delta R.T. -0.00 min
Lab File: BM013355.D
Acq: 13 Dec 2017 00:47

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.6	15.4	23.0
226	29.4	21.4	32.0





#82

Chrysene

Concen: 6.193 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. -0.00 min

Lab File: BM013355.D

Acq: 13 Dec 2017 00:47

Instrument :

BNA_M

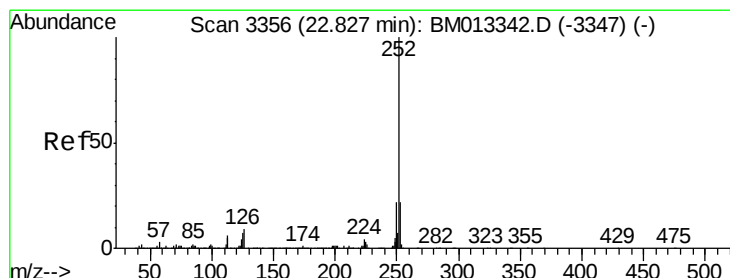
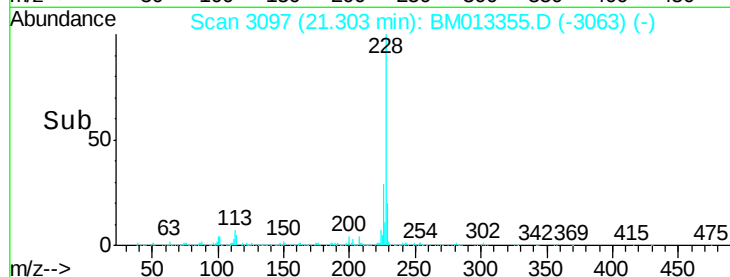
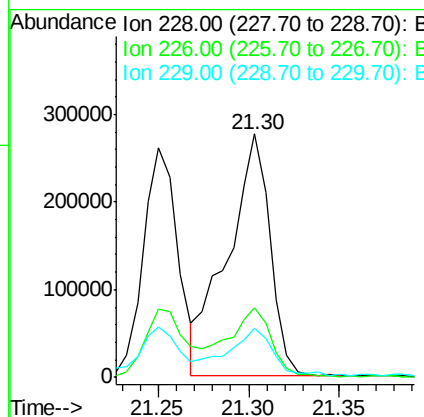
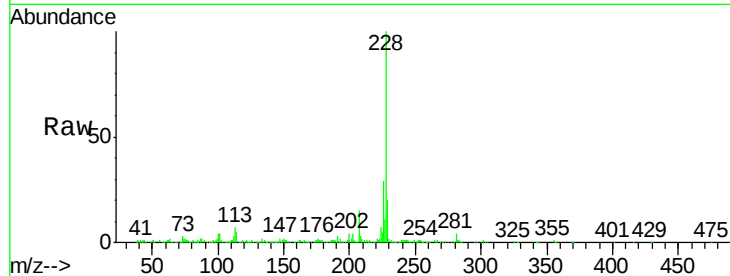
ClientSampleId :

F9A61

Tot Ion:	228	Resp:	451097
Ion Ratio		Lower	Upper
228	100		
226	28.6	23.4	35.2
229	20.1	15.5	23.3

Manual Integrations
APPROVED

Sohil
12/13/2017 12:05:54 PM



#85

Benzo(b)fluoranthene

Concen: 10.159 ng/ul

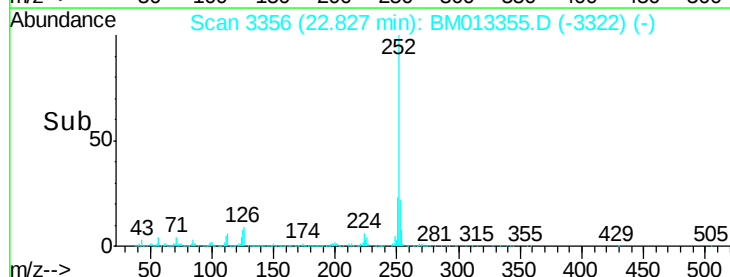
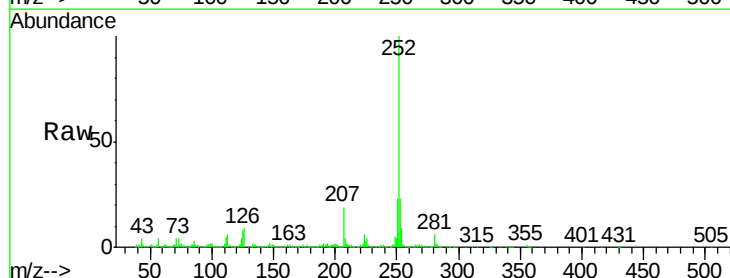
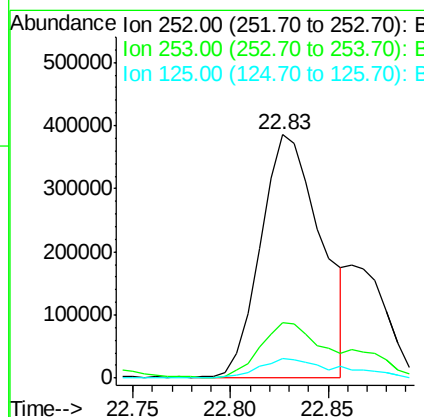
RT: 22.83 min Scan# 3356

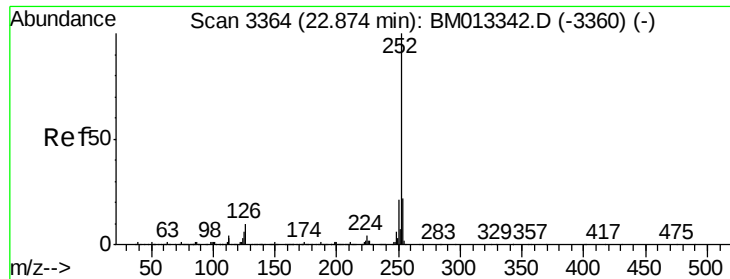
Delta R.T. -0.00 min

Lab File: BM013355.D

Acq: 13 Dec 2017 00:47

Tgt Ion:	252	Resp:	822137
Ion Ratio		Lower	Upper
252	100		
253	22.7	17.9	26.9
125	7.9	3.6	5.4#





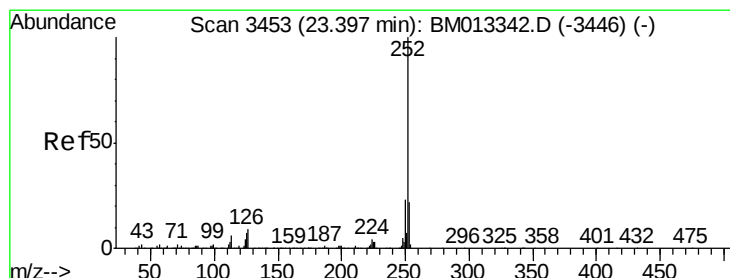
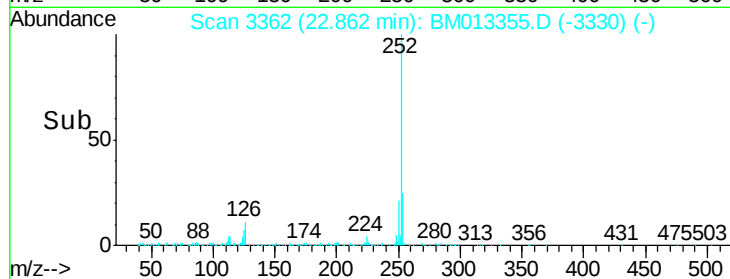
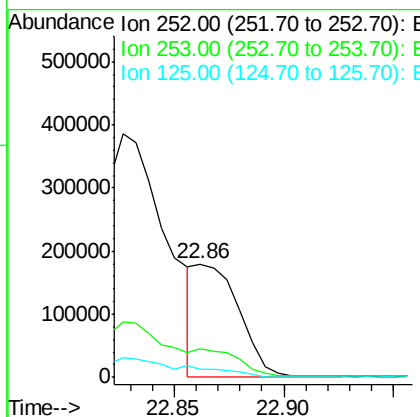
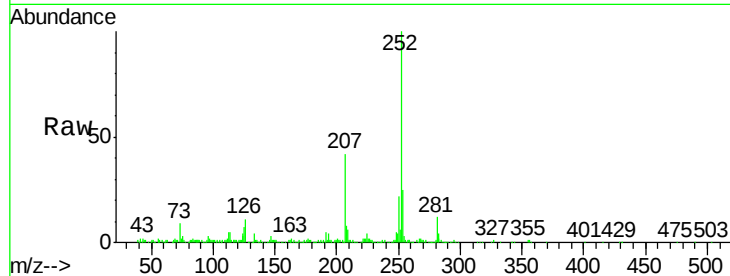
#86
Benzo(k)fluoranthene
Concen: 3.203 ng/ul m
RT: 22.86 min Scan# 3362
Delta R.T. -0.01 min
Lab File: BM013355.D
Acq: 13 Dec 2017 00:47

Instrument :
BNA_M
ClientSampled :
F9A61

Tot Ion	Ratio	Resp	Lower	Upper
252	100	243917		
253	25.3	17.1	25.7	
125	7.1	3.4	5.2	

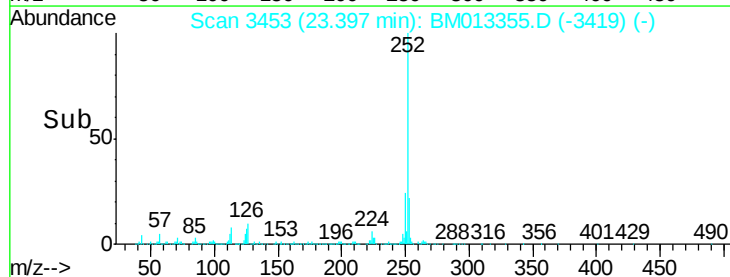
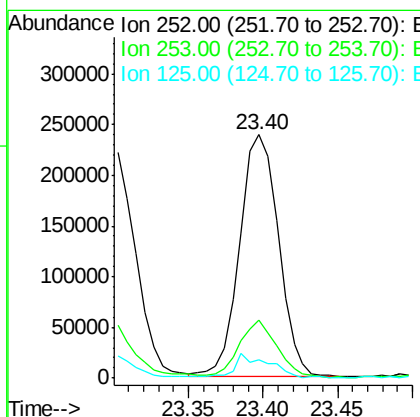
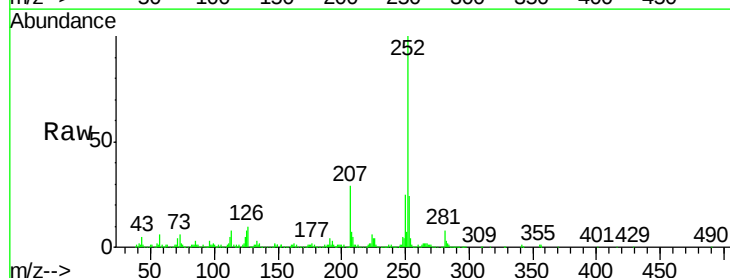
Manual Integrations
APPROVED

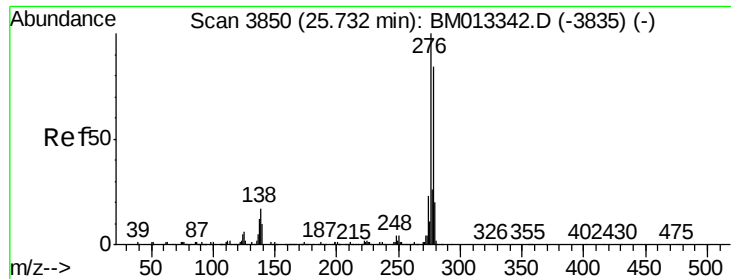
Sohil
12/13/2017 12:05:54 PM



#88
Benzo(a)pyrene
Concen: 5.913 ng/ul
RT: 23.40 min Scan# 3453
Delta R.T. -0.00 min
Lab File: BM013355.D
Acq: 13 Dec 2017 00:47

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	429870		
253	23.7	18.2	27.2	
125	7.7	4.0	6.0	





#89

Indeno(1,2,3-cd)pyrene

Concen: 3.947 ng/ul

RT: 25.72 min Scan# 3848

Delta R.T. -0.01 min

Lab File: BM013355.D

Acq: 13 Dec 2017 00:47

Instrument :

BNA_M

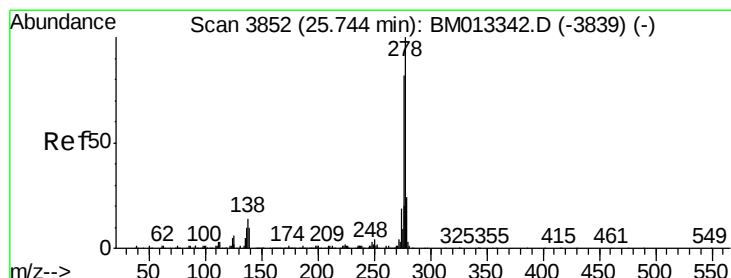
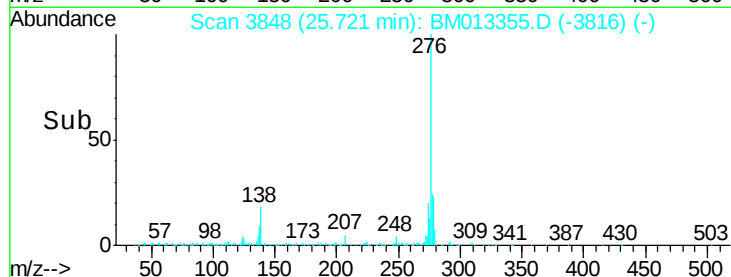
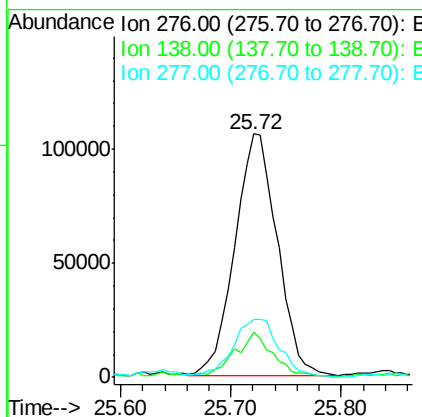
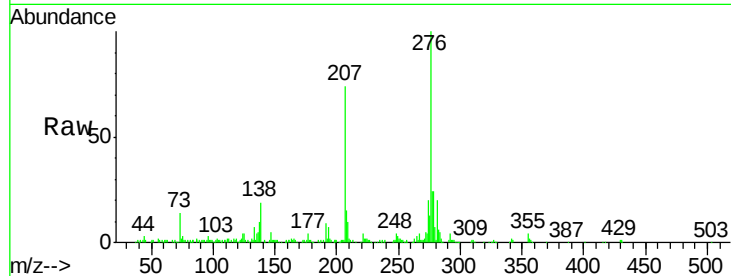
ClientSampleId :

F9A61

Tot Ion:	276	Resp:	284692
Ion Ratio	Lower	Upper	
276	100		
138	18.6	9.3	13.9#
277	24.0	19.9	29.9

Manual Integrations
APPROVED

Sohil
12/13/2017 12:05:54 PM



#90

Dibenzo(a,h)anthracene

Concen: 1.332 ng/ul

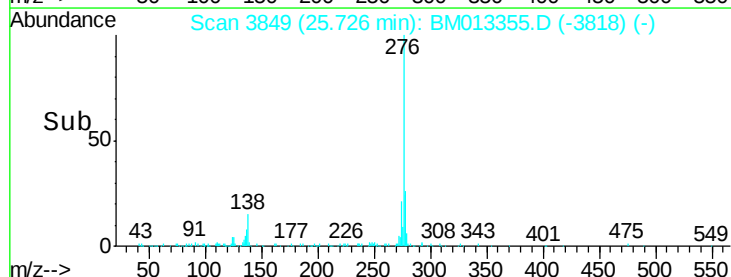
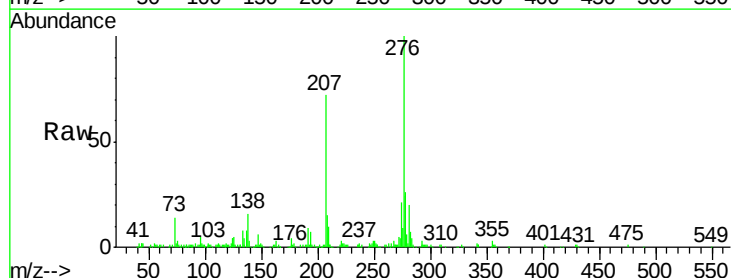
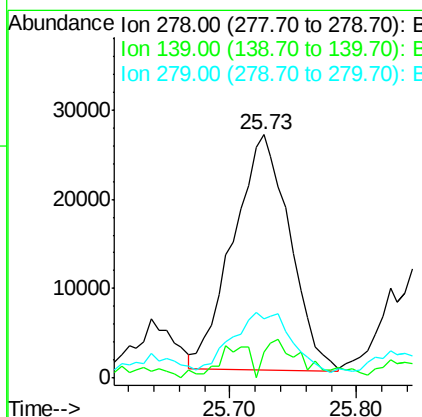
RT: 25.73 min Scan# 3849

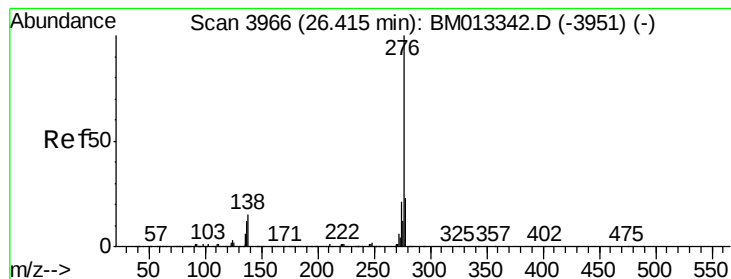
Delta R.T. -0.02 min

Lab File: BM013355.D

Acq: 13 Dec 2017 00:47

Tgt Ion:	278	Resp:	81811
Ion Ratio	Lower	Upper	
278	100		
139	10.6	5.8	8.8#
279	24.2	18.6	27.8





#91

Benzo(a,h,i)perylene

Concen: 4.366 ng/ul

RT: 26.41 min Scan# 3965

Delta R.T. -0.01 min

Lab File: BM013355.D

Acq: 13 Dec 2017 00:47

Instrument :

BNA_M

ClientSampleId :

F9A61

Tot Ion:	276	Resp:	248380
Ion Ratio	Lower	Upper	
276	100		
138	12.8	8.5	12.7#
277	25.0	18.6	28.0

Manual Integrations
APPROVED

Sohil
12/13/2017 12:05:54 PM

