

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121417\
 Data File : BM013442.D
 Acq On : 15 Dec 2017 17:22
 Operator : SJ/JU
 Sample : I6759-12MEDL 20X
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A20MEDL

Manual Integrations
 APPROVED

Sohil
 12/15/2017 7:17:24 PM

Quant Time: Dec 15 19:06:26 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 15 04:56:09 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.67	152	174143	20.00	ng/ul	0.00
18) Naphthalene-d8	10.46	136	741001	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.32	164	470010	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.07	188	1092857	20.00	ng/ul	0.00
75) Chrysene-d12	21.26	240	1147044	20.00	ng/ul	0.00
83) Perylene-d12	23.48	264	955793	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.24	96	768	0.22	ng/uL	0.02
5) Phenol-d5	6.86	99	13235	0.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.02	67	9251	1.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.22	132	11340	0.96	ng/ul	0.00
13) 4-Methylphenol-d8	8.39	113	10523m	0.82	ng/ul	0.00
19) Nitrobenzene-d5	8.83	128	5451	0.93	ng/ul	0.00
22) 2-Nitrophenol-d4	9.55	143	5240	0.83	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	10697	0.83	ng/ul	0.01
29) 4-Chloroaniline-d4	10.61	131	11866	1.00	ng/ul	0.01
43) Dimethylphthalate-d6	13.73	166	46617	1.11	ng/ul	0.00
46) Acenaphthylene-d8	14.01	160	54842	1.06	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	535	0.07	ng/ul	0.02
57) Fluorene-d10	15.32	176	41582	1.16	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.45	200	1576	0.23	ng/ul	0.00
70) Anthracene-d10	17.17	188	63406	1.16	ng/ul	0.00
76) Pyrene-d10	19.46	212	65764	1.15	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.34	264	49173	1.01	ng/ul	0.00

Target Compounds

					Ovalue	
28) Naphthalene	10.50	128	47356	1.242	ng/ul#	92
34) 2-Methylnaphthalene	12.12	142	44891	1.566	ng/ul	83
49) Acenaphthene	14.38	153	543005	16.689	ng/ul	97
53) Dibenzofuran	14.72	168	410208	8.540	ng/ul	98
58) Fluorene	15.37	166	465032	11.703	ng/ul	96
69) Phenanthrene	17.11	178	2715565	43.738	ng/ul	99
71) Anthracene	17.20	178	191058m	3.011	ng/ul	
72) Carbazole	17.47	167	93739	1.717	ng/ul	100
74) Fluoranthene	19.13	202	1707515	22.442	ng/ul#	94
77) Pyrene	19.49	202	1106462	15.878	ng/ul#	91
80) Benzo(a)anthracene	21.24	228	242340	3.330	ng/ul	98
82) Chrysene	21.29	228	187646	2.779	ng/ul	97
85) Benzo(b)fluoranthene	22.81	252	99480	1.544	ng/ul#	91

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

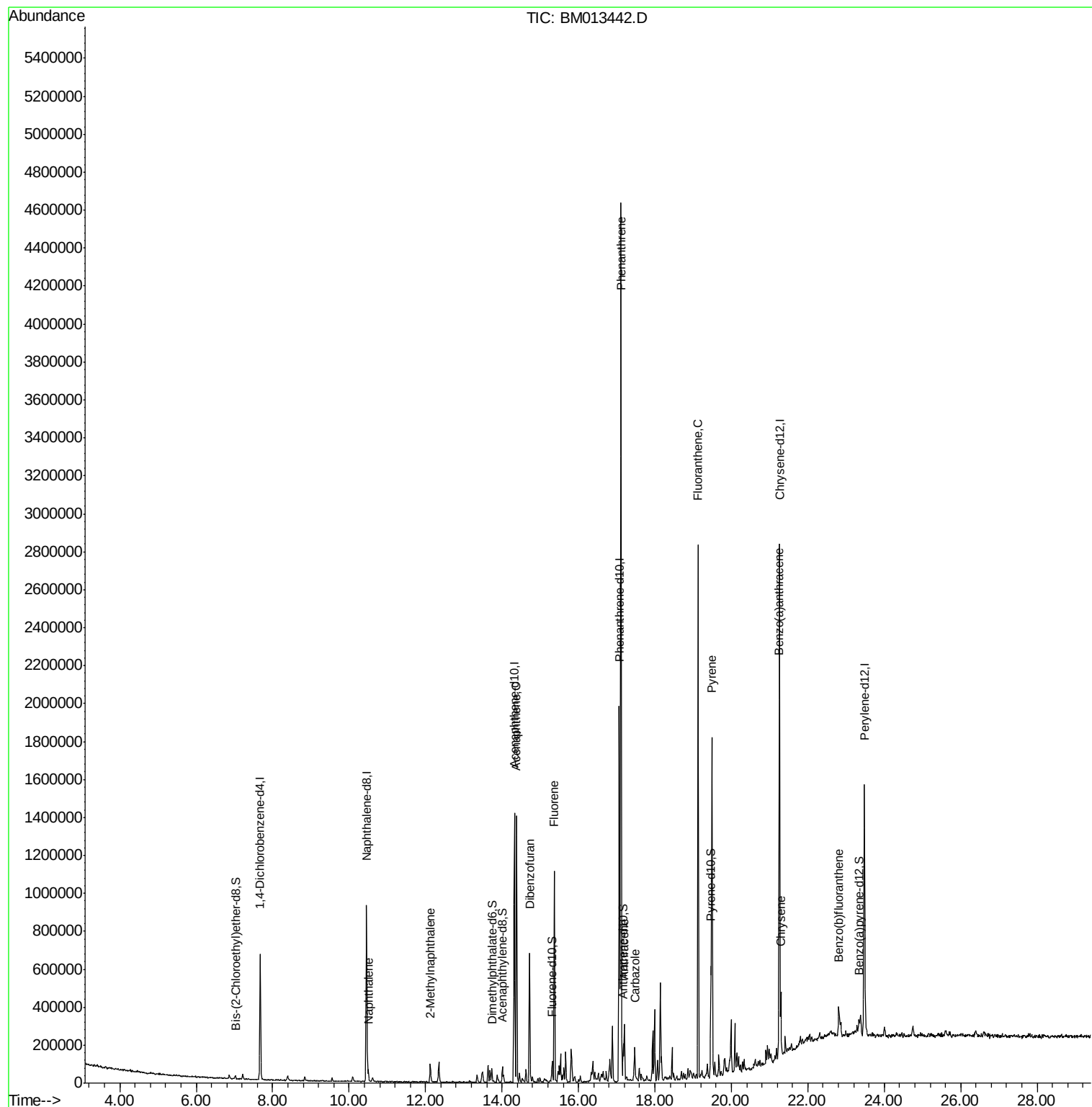
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM121417\
Data File : BM013442.D
Acq On : 15 Dec 2017 17:22
Operator : SJ/JU
Sample : I6759-12MEDL 20X
Misc :
ALS Vial : 40 Sample Multiplier: 1

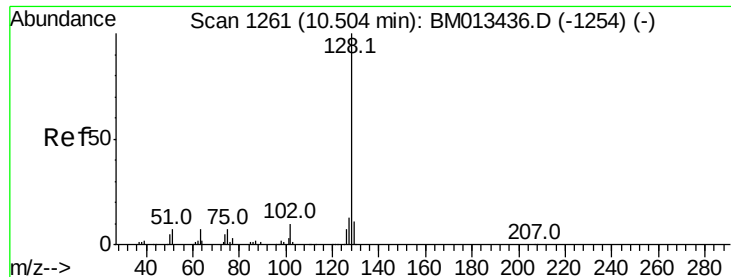
Instrument :
BNA_M
ClientSampleId :
F9A20MEDL

Manual Integrations
APPROVED

Sohil
12/15/2017 7:17:24 PM

Quant Time: Dec 15 19:06:26 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Dec 15 04:56:09 2017
Response via : Initial Calibration





#28

Naphthalene

Concen: 1.242 ng/ul

RT: 10.50 min Scan# 1261

Delta R.T. -0.01 min

Lab File: BM013442.D

Acq: 15 Dec 2017 17:22

Instrument :

BNA_M

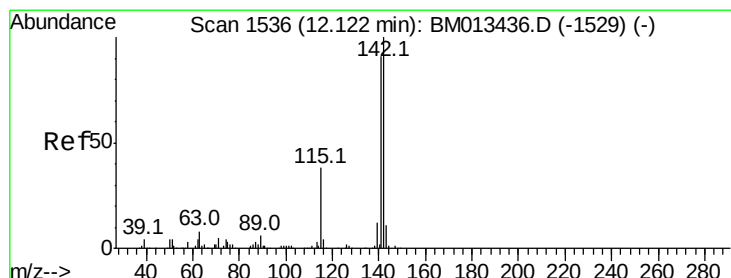
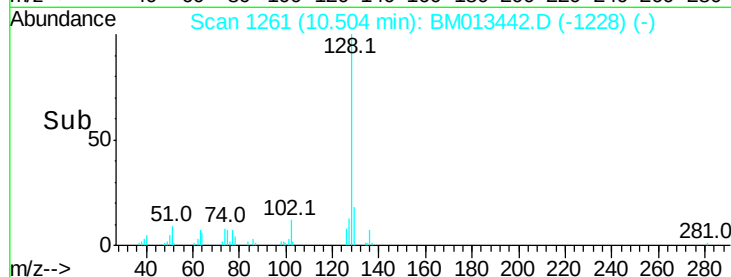
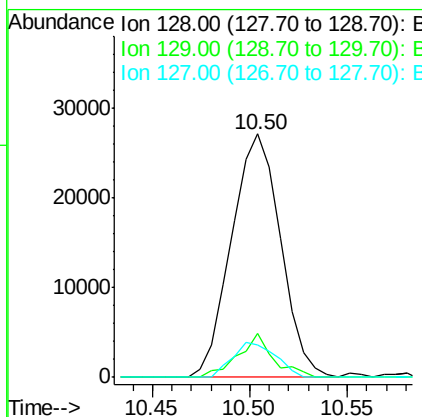
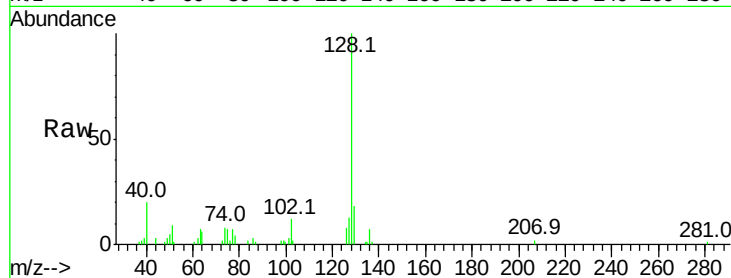
ClientSampleId :

F9A20MEDL

Tot Ion:	128	Resp:	47356
Ion Ratio	Lower	Upper	
128	100		
129	17.8	8.8	13.2#
127	13.3	10.6	16.0

Manual Integrations
APPROVED

Sohil
12/15/2017 7:17:24 PM



#34

2-Methylnaphthalene

Concen: 1.566 ng/ul

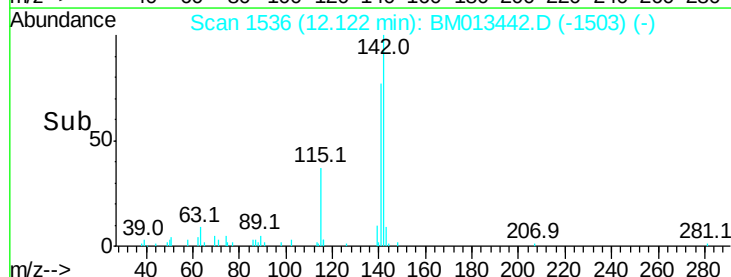
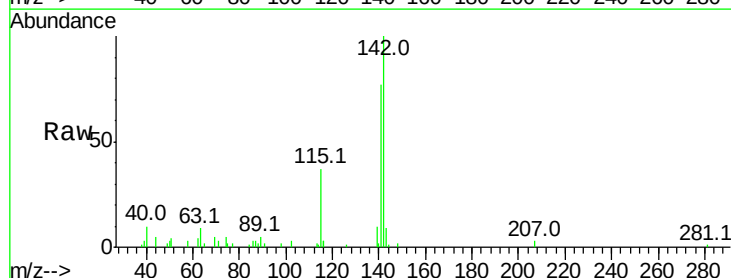
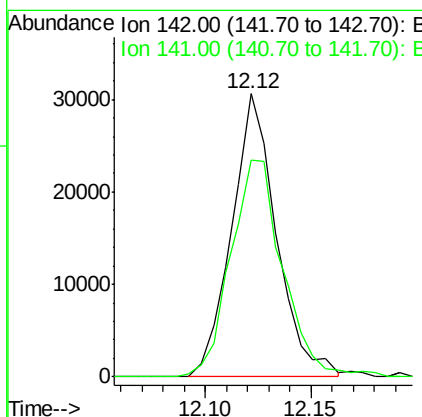
RT: 12.12 min Scan# 1536

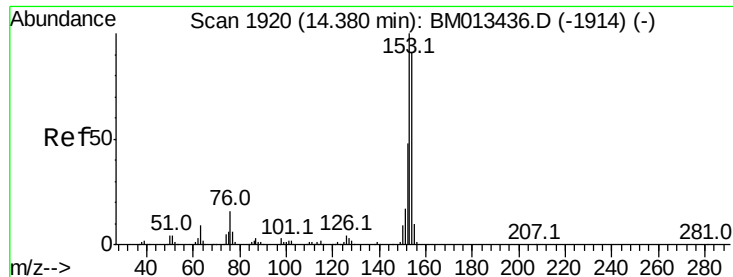
Delta R.T. -0.01 min

Lab File: BM013442.D

Acq: 15 Dec 2017 17:22

Tgt Ion:	142	Resp:	44891
Ion Ratio	Lower	Upper	
142	100		
141	76.8	74.1	111.1





#49

Acenaphthene

Concen: 16.689 ng/ul

RT: 14.38 min Scan# 1920

Delta R.T. -0.01 min

Lab File: BM013442.D

Acq: 15 Dec 2017 17:22

Instrument :

BNA_M

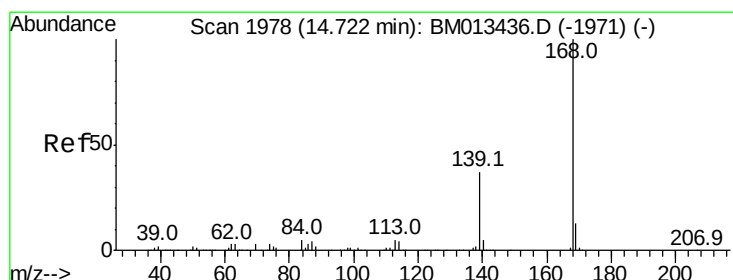
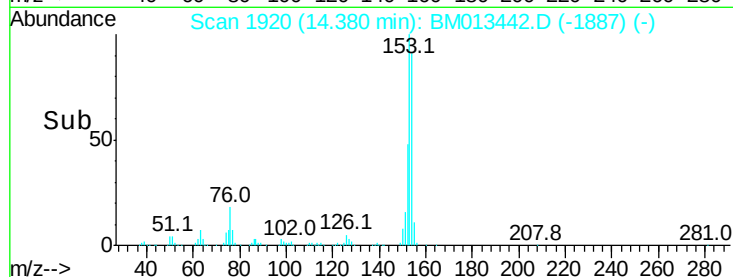
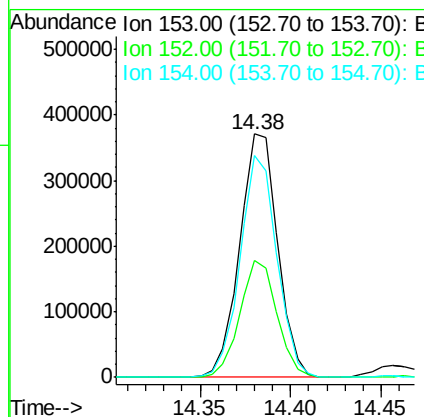
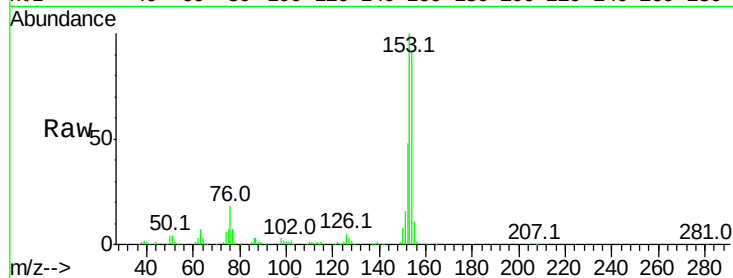
ClientSampleId :

F9A20MEDL

Tot Ion:	153	Resp:	543005
Ion Ratio	Lower	Upper	
153	100		
152	47.9	37.6	56.4
154	91.4	70.4	105.6

Manual Integrations
APPROVED

Sohil
12/15/2017 7:17:24 PM



#53

Dibenzofuran

Concen: 8.540 ng/ul

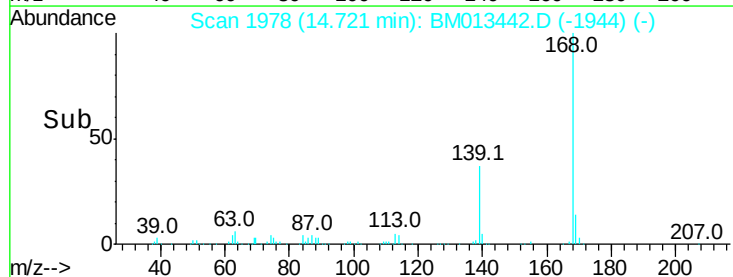
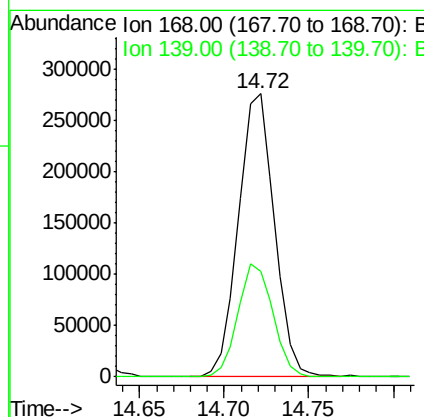
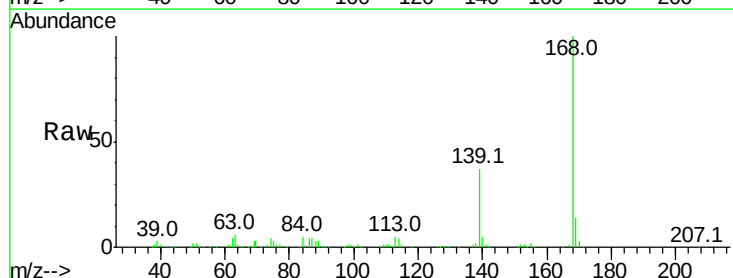
RT: 14.72 min Scan# 1978

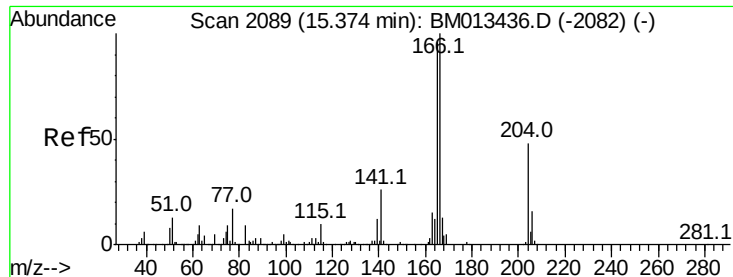
Delta R.T. -0.00 min

Lab File: BM013442.D

Acq: 15 Dec 2017 17:22

Tgt Ion:	168	Resp:	410208
Ion Ratio	Lower	Upper	
168	100		
139	37.1	30.8	46.2





#58

Fluorene

Concen: 11.703 ng/ul

RT: 15.37 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BM013442.D

Acq: 15 Dec 2017 17:22

Instrument :

BNA_M

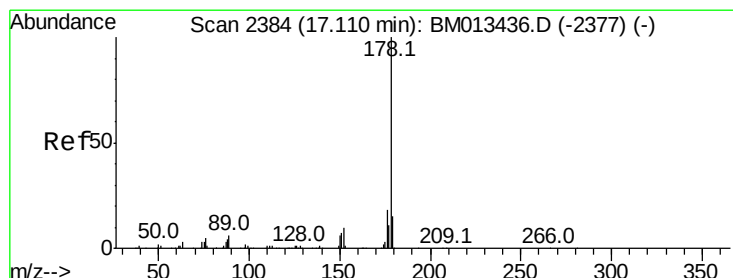
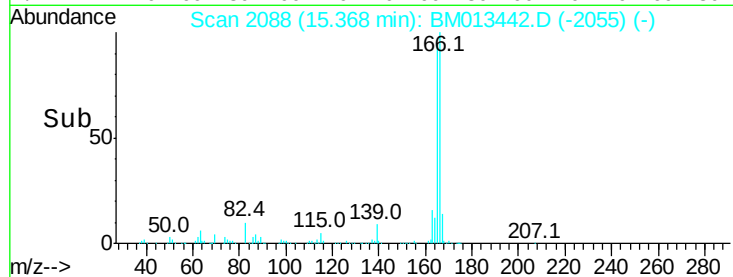
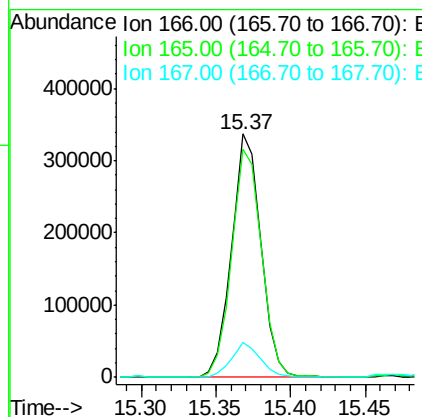
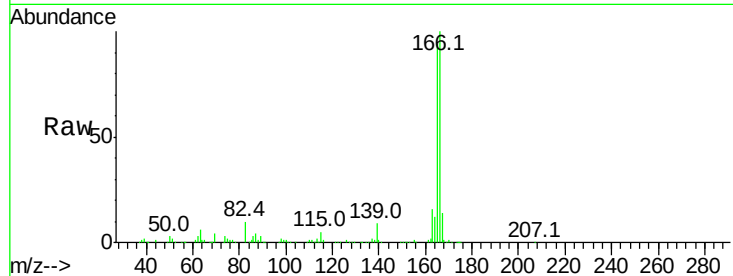
ClientSampleId :

F9A20MEDL

Tot Ion:	166	Resp:	465032
Ion Ratio	Lower	Upper	
166	100		
165	93.5	77.9	116.9
167	14.5	10.6	16.0

Manual Integrations
APPROVED

Sohil
12/15/2017 7:17:24 PM



#69

Phenanthrene

Concen: 43.738 ng/ul

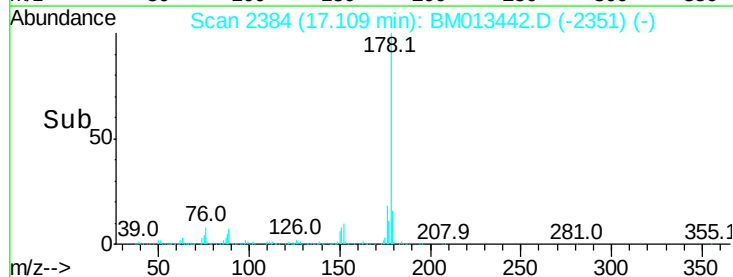
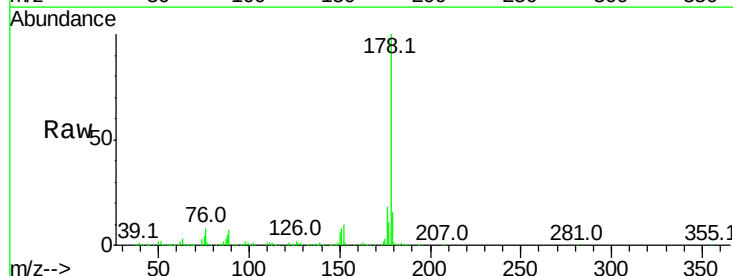
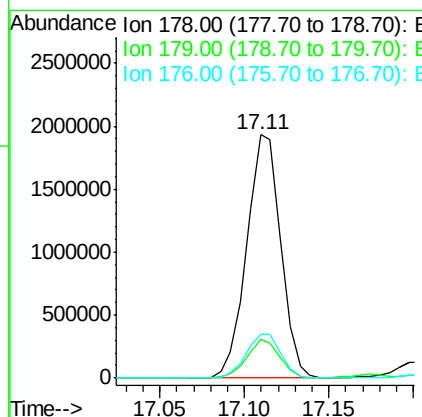
RT: 17.11 min Scan# 2384

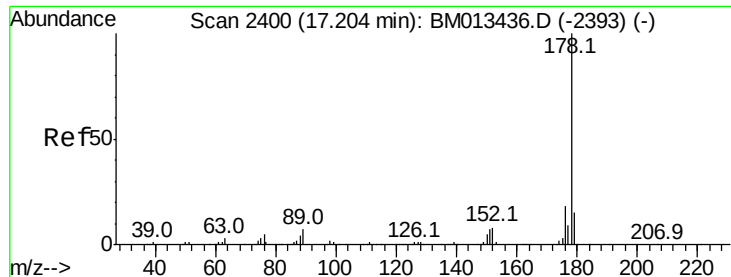
Delta R.T. -0.01 min

Lab File: BM013442.D

Acq: 15 Dec 2017 17:22

Tgt Ion:	178	Resp:	2715565
Ion Ratio	Lower	Upper	
178	100		
179	15.7	12.6	19.0
176	18.0	14.9	22.3





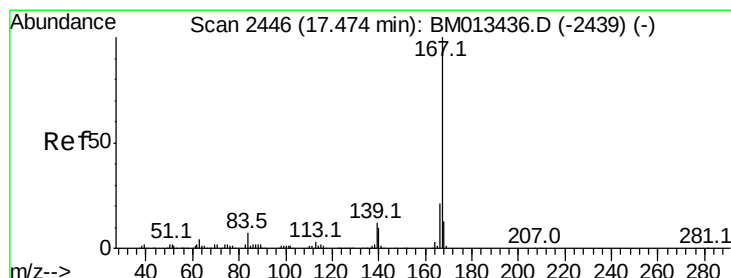
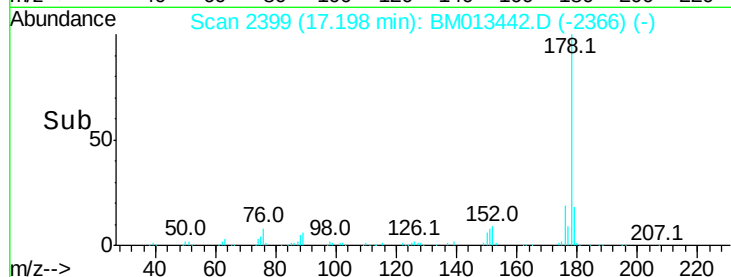
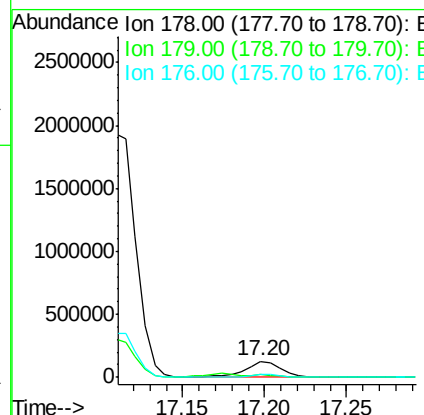
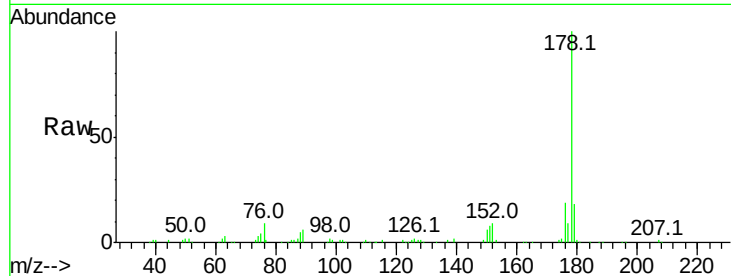
#71
 Anthracene
 Concen: 3.011 ng/ul m
 RT: 17.20 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM013442.D
 Acq: 15 Dec 2017 17:22

Instrument :
 BNA_M
 ClientSampleId :
 F9A20MEDL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.8	11.7	17.5#
176	19.5	14.6	21.8

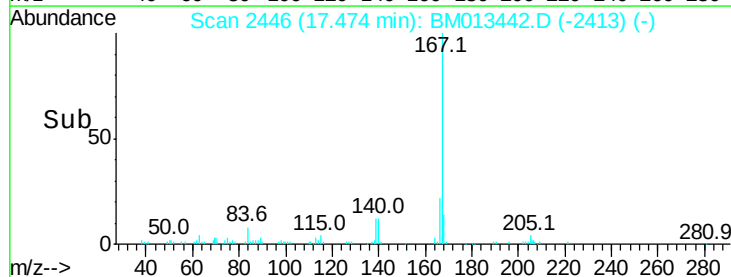
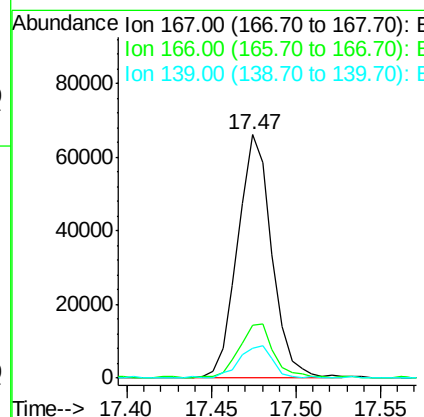
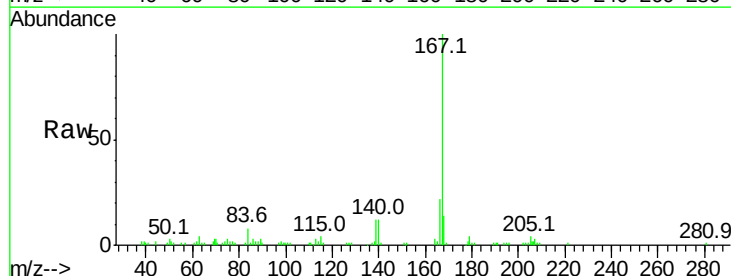
Manual Integrations
 APPROVED

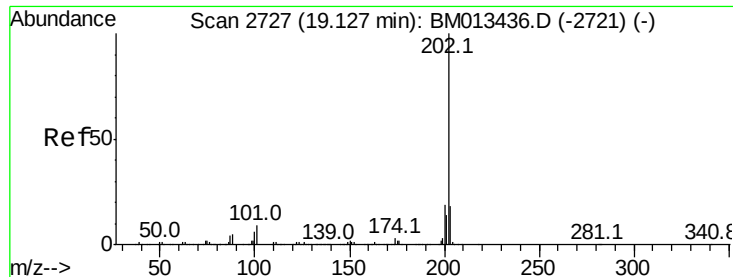
Sohil
 12/15/2017 7:17:24 PM



#72
 Carbazole
 Concen: 1.717 ng/ul
 RT: 17.47 min Scan# 2446
 Delta R.T. -0.01 min
 Lab File: BM013442.D
 Acq: 15 Dec 2017 17:22

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.1	25.7
139	12.3	10.0	15.0





#74

Fluoranthene

Concen: 22.442 ng/ul

RT: 19.13 min Scan# 2728

Delta R.T. -0.00 min

Lab File: BM013442.D

Acq: 15 Dec 2017 17:22

Instrument :

BNA_M

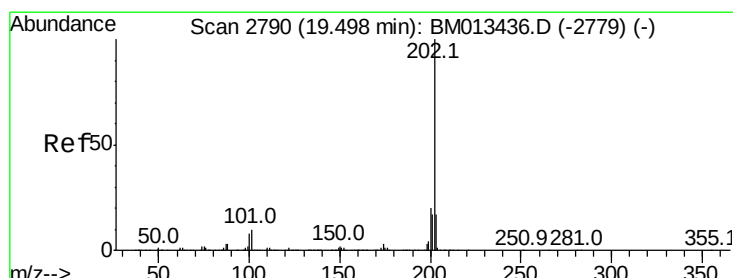
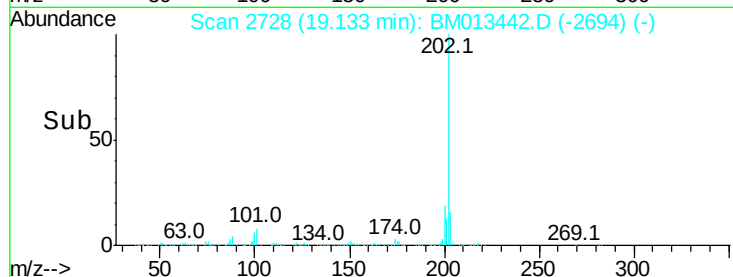
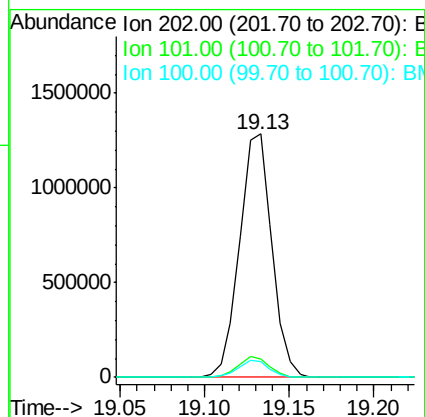
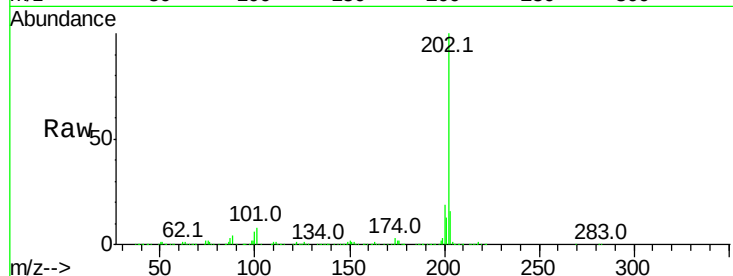
ClientSampleId :

F9A20MEDL

Tot Ion:	202	Resp:	1707515
Ion Ratio	Lower	Upper	
202	100		
101	7.7	4.6	7.0#
100	6.2	3.4	5.2#

Manual Integrations
APPROVED

Sohil
12/15/2017 7:17:24 PM



#77

Pyrene

Concen: 15.878 ng/ul

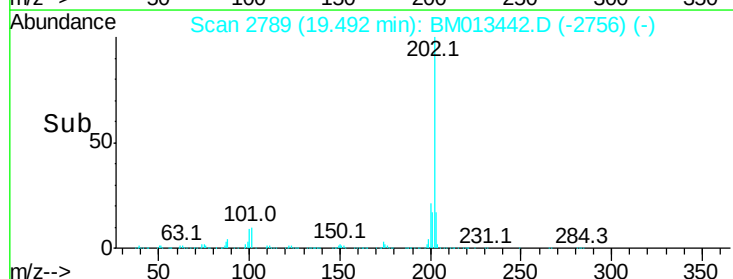
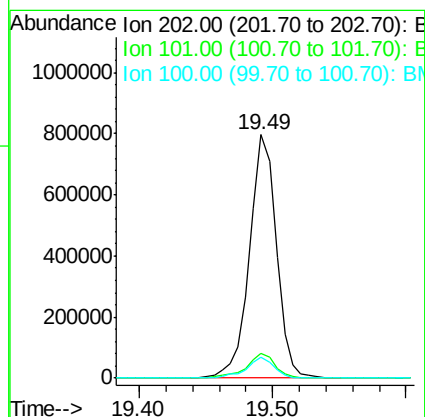
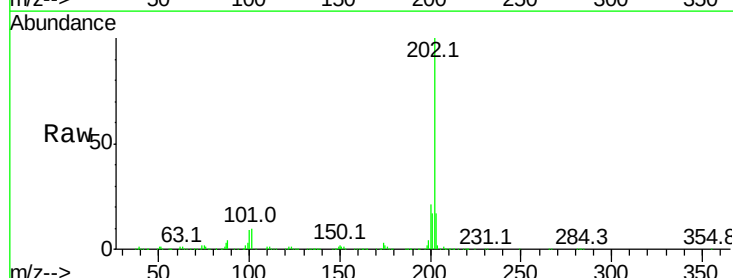
RT: 19.49 min Scan# 2789

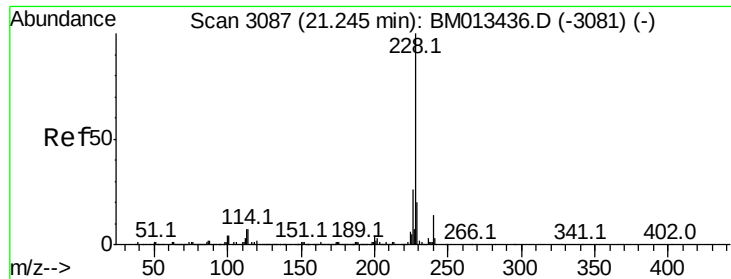
Delta R.T. -0.01 min

Lab File: BM013442.D

Acq: 15 Dec 2017 17:22

Tgt Ion:	202	Resp:	1106462
Ion Ratio	Lower	Upper	
202	100		
101	10.3	5.1	7.7#
100	8.6	4.9	7.3#





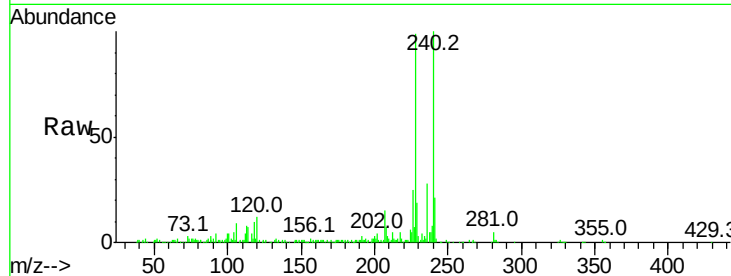
#80
Benzo(a)anthracene
Concen: 3.330 ng/ul
RT: 21.24 min Scan# 3087
Delta R.T. -0.00 min
Lab File: BM013442.D
Acq: 15 Dec 2017 17:22

Instrument :
BNA_M
ClientSampleId :
F9A20MEDL

Tot Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.4	23.0
226	25.4	21.4	32.0

Manual Integrations
APPROVED

Sohil
12/15/2017 7:17:24 PM

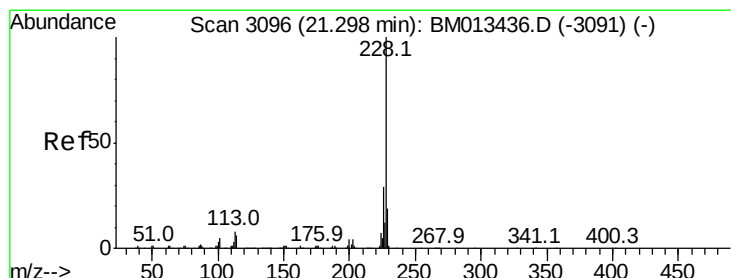
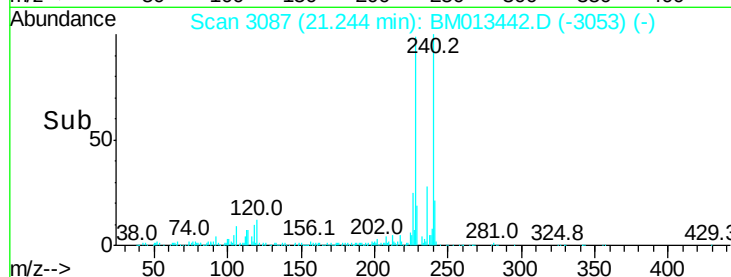
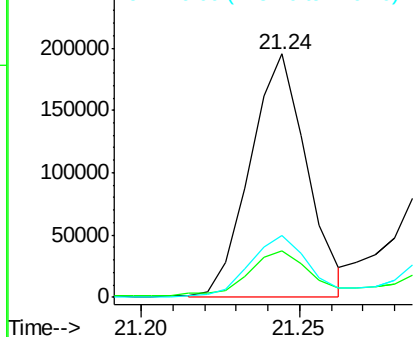


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#82
Chrysene
Concen: 2.779 ng/ul
RT: 21.29 min Scan# 3095
Delta R.T. -0.01 min
Lab File: BM013442.D
Acq: 15 Dec 2017 17:22

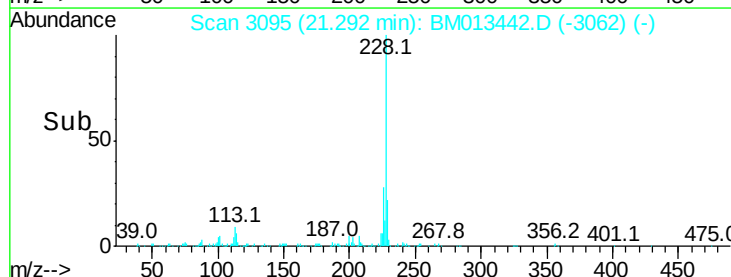
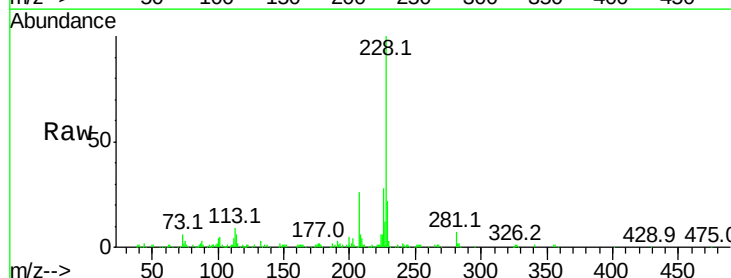
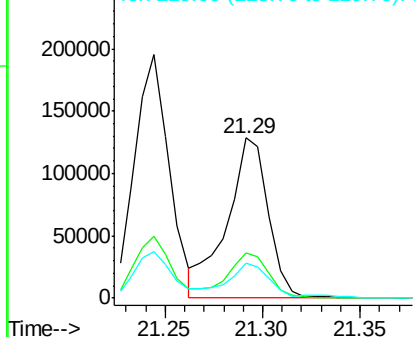
Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.4	35.2
229	21.5	15.5	23.3

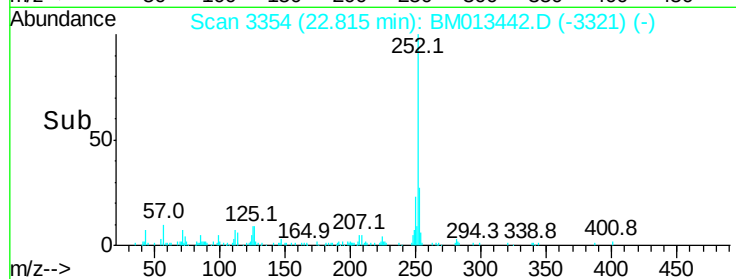
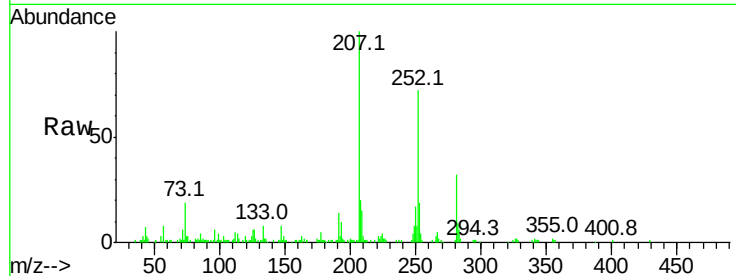
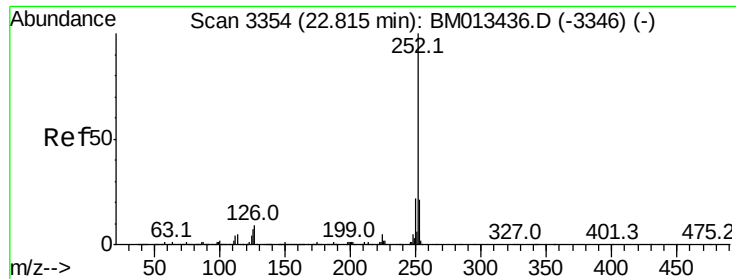
Abundance

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: 1.544 ng/ul

RT: 22.81 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BM013442.D

Acq: 15 Dec 2017 17:22

Instrument :

BNA_M

ClientSampleId :

F9A20MEDL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	26.5	17.9	26.9
125	8.8	3.6	5.4

Manual Integrations
APPROVED

Sohil
12/15/2017 7:17:24 PM

