

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
 Data File : BM010647.D
 Acq On : 22 Jun 2017 05:38
 Operator : SJ/JU
 Sample : I3558-17ME 10X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5D33MEDL

Manual Integrations
 APPROVED

mohammad
 6/22/2017 5:33:39 PM

Quant Time: Jun 22 06:54:14 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jun 22 01:38:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	70972	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	315513	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	219121	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	564495	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	712807	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	596396	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.65	99	6910	1.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	3873	1.00	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	5415	1.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	6277	1.12	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	2953	1.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	3391	1.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	7063	1.29	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	8518	1.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	26440	1.37	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	29197	1.30	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	2813	0.83	ng/ul	0.00
57) Fluorene-d10	15.12	176	25838	1.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	2733	0.79	ng/ul	-0.01
70) Anthracene-d10	16.97	188	37842m	1.39	ng/ul	0.00
76) Pyrene-d10	19.27	212	48439	1.46	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	37605	1.30	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.28	128	1174286	74.789	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	261758	20.739	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	72191	4.214	ng/ul	96
49) Acenaphthene	14.18	153	201139	13.992	ng/ul	98
53) Dibenzofuran	14.52	168	259396	11.915	ng/ul	90
58) Fluorene	15.17	166	256125	14.052	ng/ul	99
69) Phenanthrene	16.91	178	1153229	38.427	ng/ul	100
71) Anthracene	17.00	178	184911	5.981	ng/ul	95
72) Carbazole	17.27	167	116293	4.311	ng/ul	98
74) Fluoranthene	18.94	202	749589	19.381	ng/ul#	98
77) Pyrene	19.30	202	503111	12.220	ng/ul#	96
80) Benzo(a)anthracene	21.07	228	166942	4.022	ng/ul	96
82) Chrysene	21.12	228	129410	3.497	ng/ul	95
85) Benzo(b)fluoranthene	22.59	252	87973	2.272	ng/ul#	96
88) Benzo(a)pyrene	23.13	252	48438	1.359	ng/ul	95

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

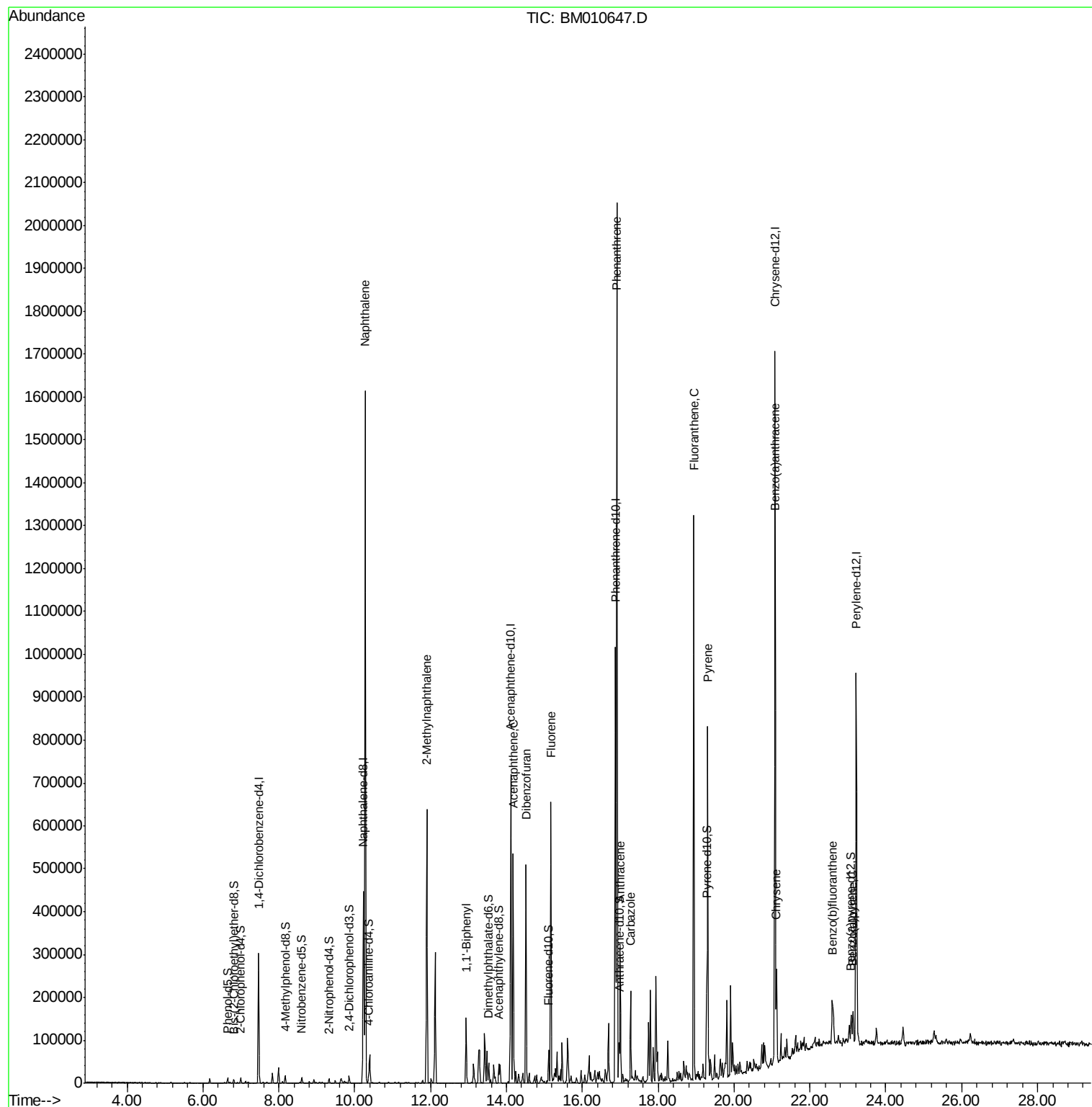
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062117\
Data File : BM010647.D
Acq On : 22 Jun 2017 05:38
Operator : SJ/JU
Sample : I3558-17ME 10X
Misc :
ALS Vial : 31 Sample Multiplier: 1

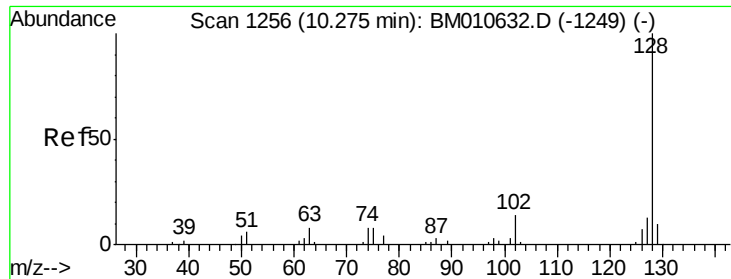
Instrument :
BNA_M
ClientSampleId :
F5D33MEDL

Manual Integrations
APPROVED

mohammad
6/22/2017 5:33:39 PM

Quant Time: Jun 22 06:54:14 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 22 01:38:18 2017
Response via : Initial Calibration





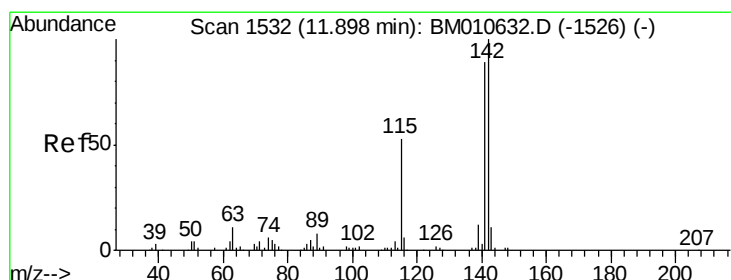
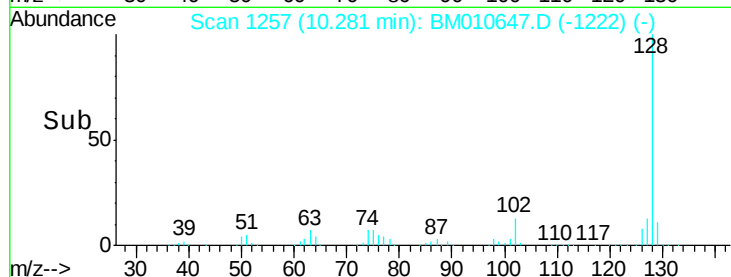
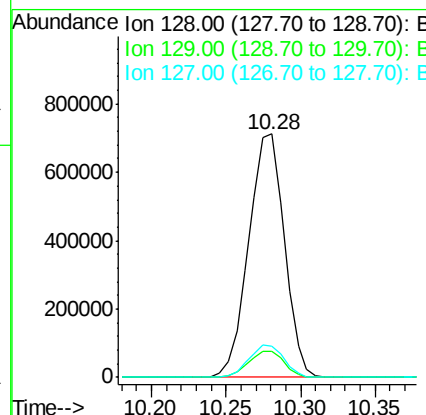
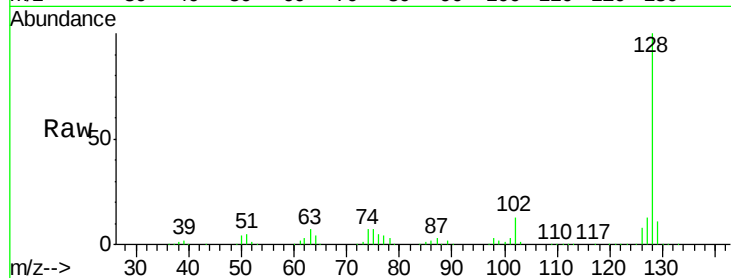
#28
Naphthalene
Concen: 74.789 ng/ul
RT: 10.28 min Scan# 1257
Delta R.T. 0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Instrument :
BNA_M
ClientSampleId :
F5D33MEDL

Tgt Ion:128 Resp: 1174286
Ion Ratio Lower Upper
128 100
129 10.8 8.8 13.2
127 12.8 10.6 16.0

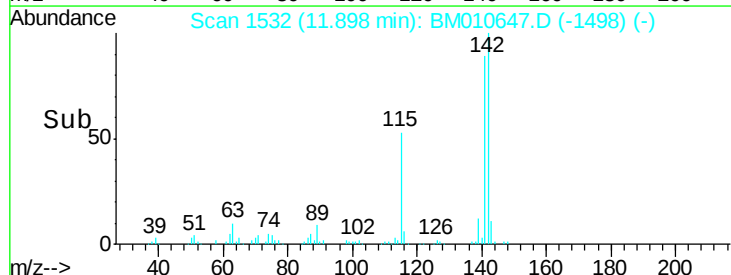
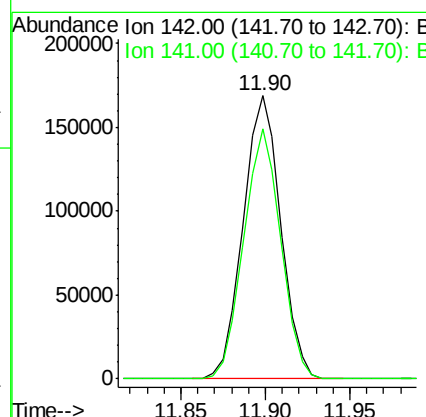
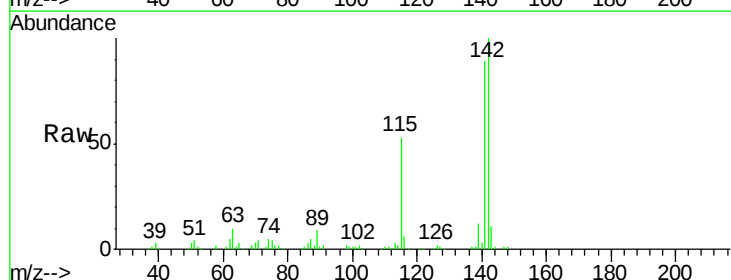
Manual Integrations
APPROVED

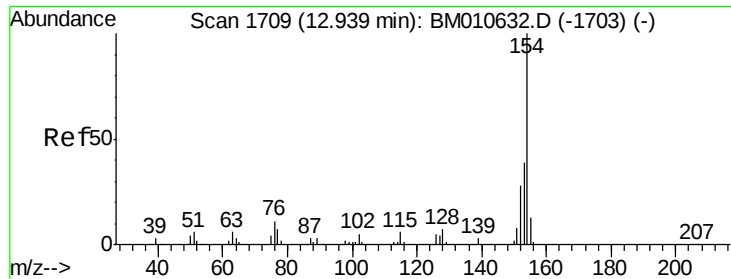
mohammad
6/22/2017 5:33:39 PM



#34
2-Methylnaphthalene
Concen: 20.739 ng/ul
RT: 11.90 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Tgt Ion:142 Resp: 261758
Ion Ratio Lower Upper
142 100
141 88.6 74.1 111.1





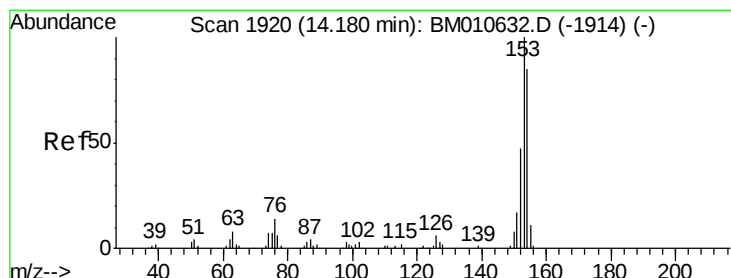
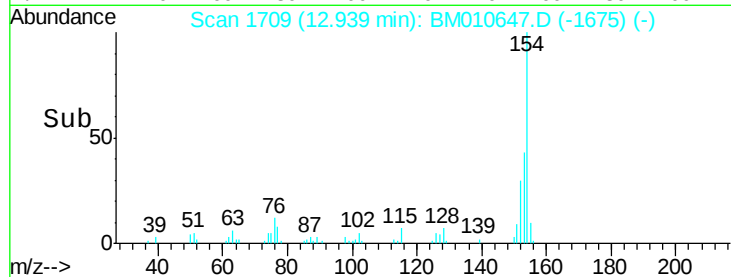
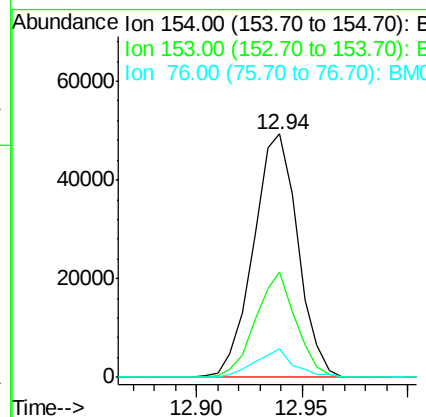
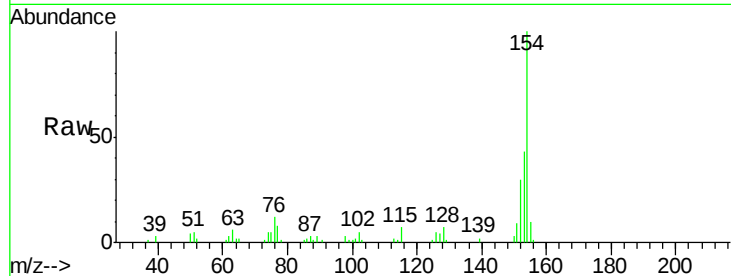
#40
 1,1'-Biphenyl
 Concen: 4.214 ng/ul
 RT: 12.94 min Scan# 1709
 Delta R.T. 0.00 min
 Lab File: BM010647.D
 Acq: 22 Jun 2017 05:38

Instrument :
 BNA_M
 ClientSampleId :
 F5D33MEDL

Tgt Ion:	154	Resp:	72191
Ion Ratio	Lower	Upper	
154	100		
153	43.3	32.6	48.8
76	11.6	8.5	12.7

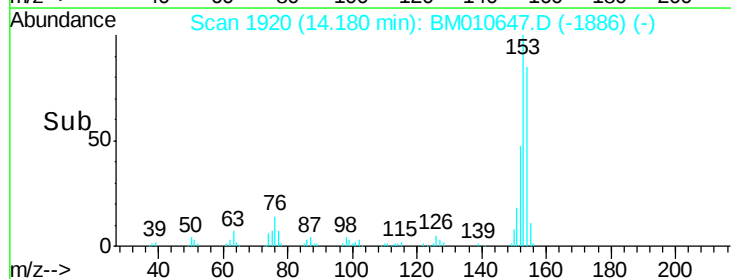
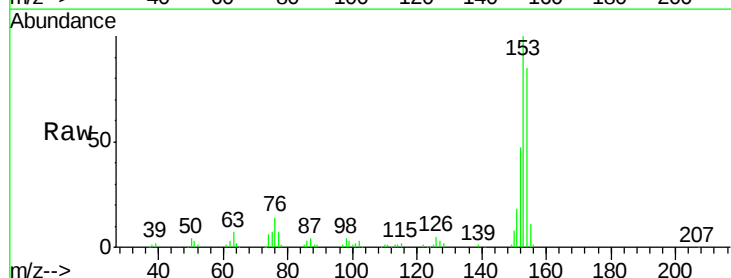
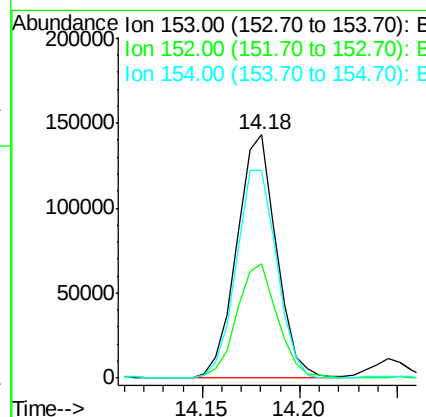
Manual Integrations
 APPROVED

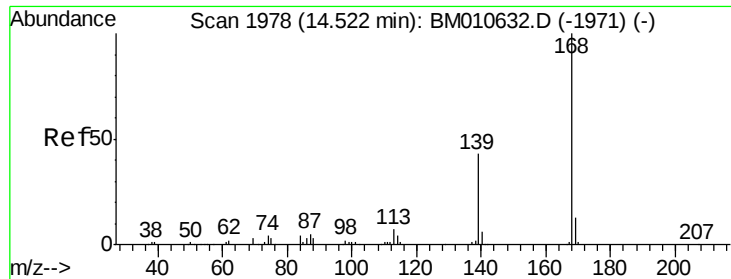
mohammad
 6/22/2017 5:33:39 PM



#49
 Acenaphthene
 Concen: 13.992 ng/ul
 RT: 14.18 min Scan# 1920
 Delta R.T. 0.00 min
 Lab File: BM010647.D
 Acq: 22 Jun 2017 05:38

Tgt Ion:	153	Resp:	201139
Ion Ratio	Lower	Upper	
153	100		
152	47.1	37.6	56.4
154	85.2	70.4	105.6





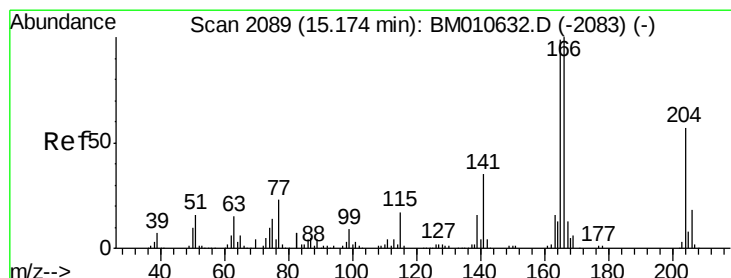
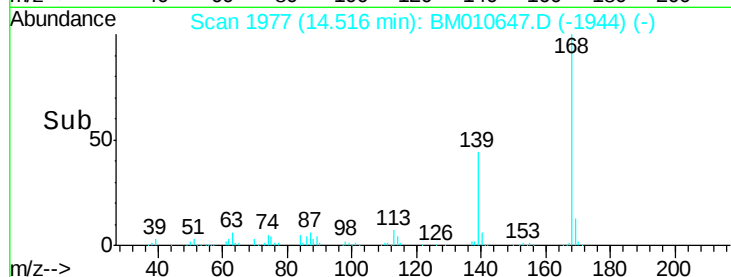
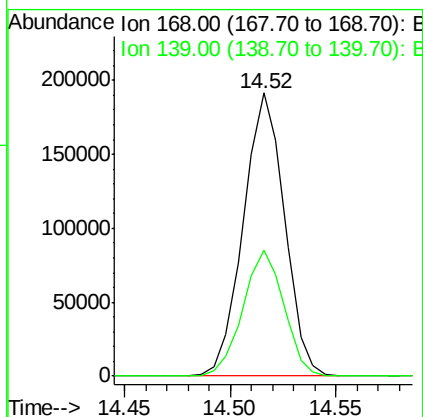
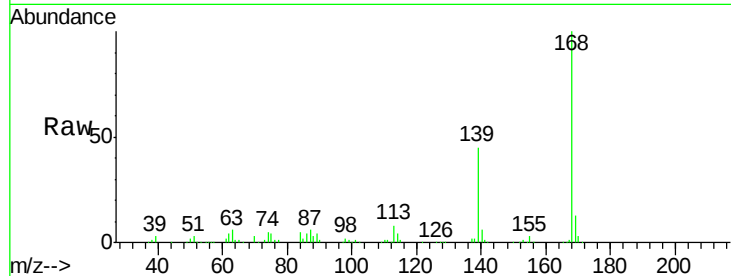
#53
Dibenzenofuran
Concen: 11.915 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. -0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Instrument :
BNA_M
ClientSampleId :
F5D33MEDL

Tgt Ion:168 Resp: 259396
Ion Ratio Lower Upper
168 100
139 44.6 30.8 46.2

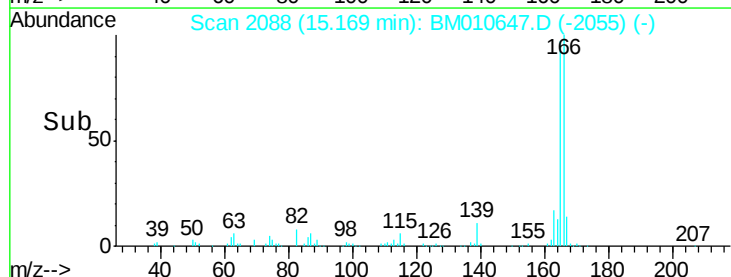
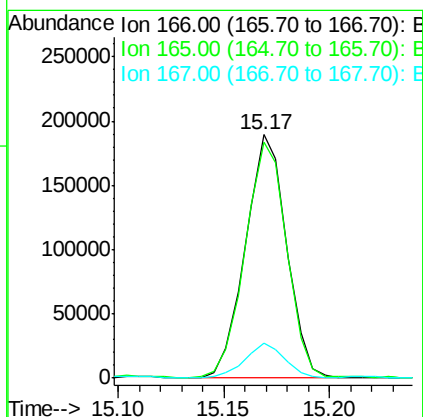
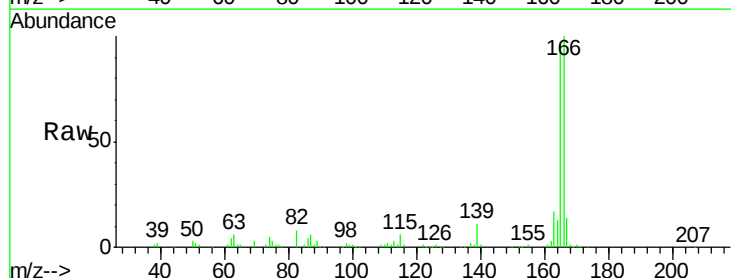
Manual Integrations
APPROVED

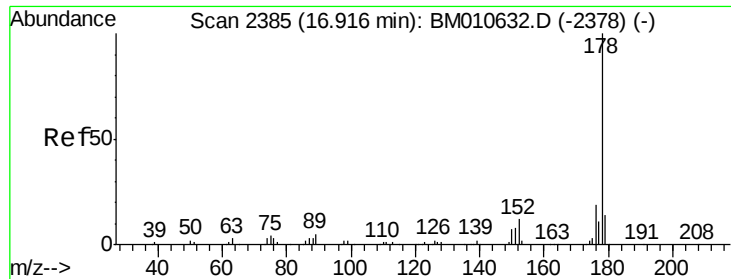
mohammad
6/22/2017 5:33:39 PM



#58
Fluorene
Concen: 14.052 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. -0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Tgt Ion:166 Resp: 256125
Ion Ratio Lower Upper
166 100
165 96.8 77.9 116.9
167 14.1 10.6 16.0





#69

Phenanthrene

Concen: 38.427 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.01 min

Lab File: BM010647.D

Acq: 22 Jun 2017 05:38

Instrument :

BNA_M

ClientSampleId :

F5D33MEDL

Tgt Ion:178 Resp: 1153229

Ion Ratio Lower Upper

178 100

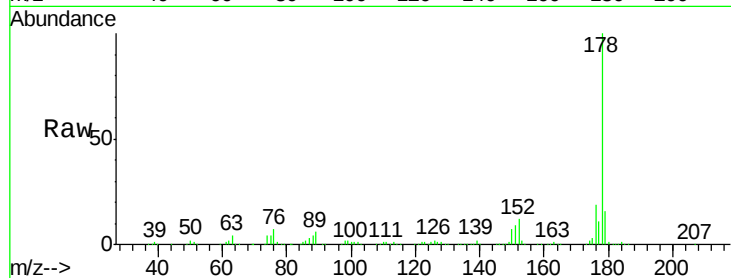
179 15.7 12.6 19.0

176 18.9 14.9 22.3

Manual Integrations
APPROVED

mohammad

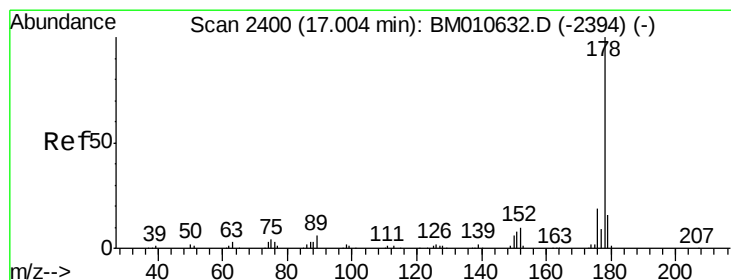
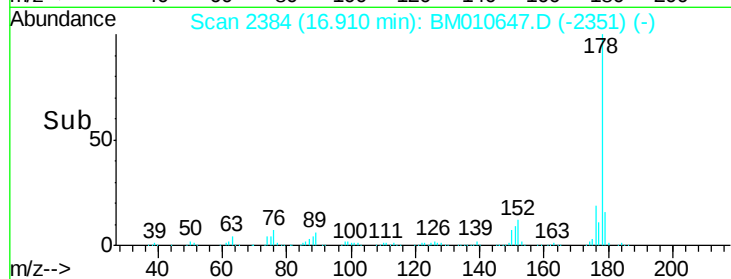
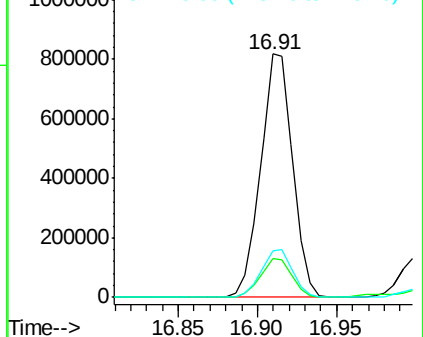
6/22/2017 5:33:39 PM



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



#71

Anthracene

Concen: 5.981 ng/ul

RT: 17.00 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM010647.D

Acq: 22 Jun 2017 05:38

Tgt Ion:178 Resp: 184911

Ion Ratio Lower Upper

178 100

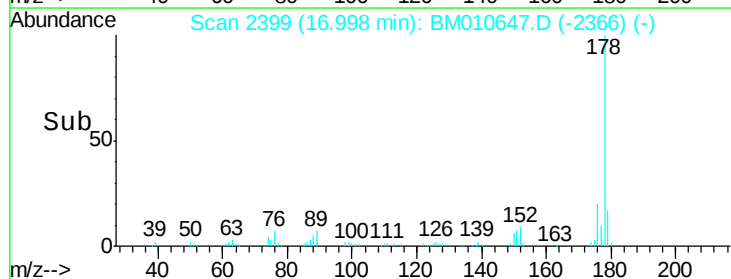
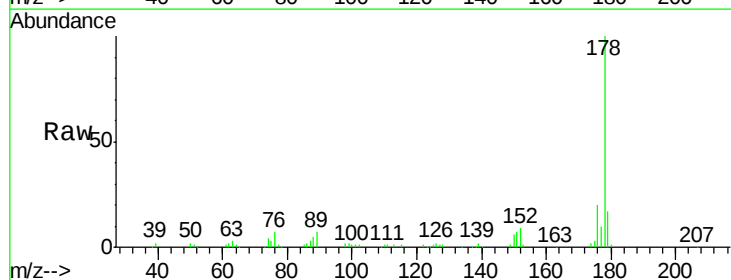
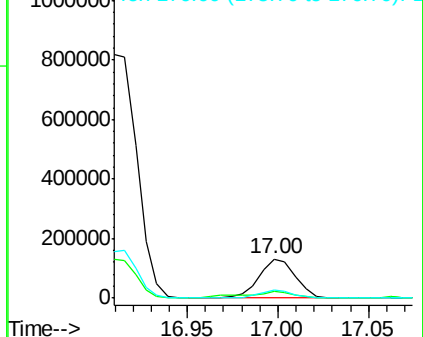
179 16.5 11.7 17.5

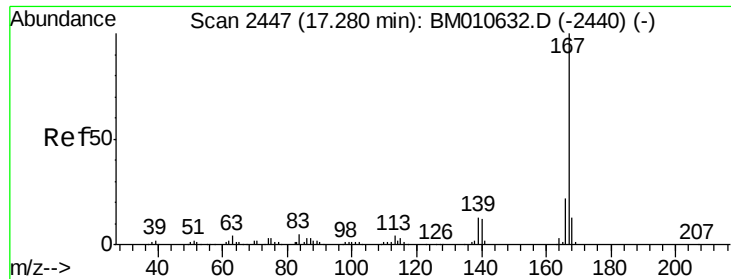
176 20.4 14.6 21.8

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: 4.311 ng/ul

RT: 17.27 min Scan# 2446

Delta R.T. -0.01 min

Lab File: BM010647.D

Acq: 22 Jun 2017 05:38

Instrument :

BNA_M

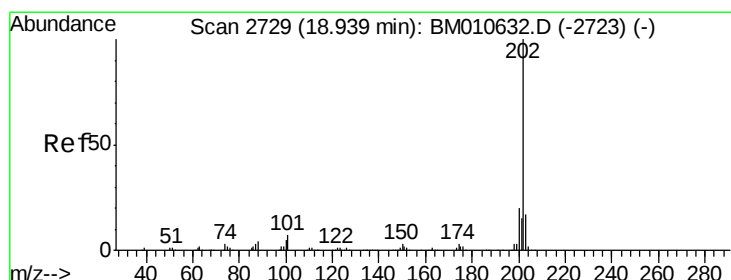
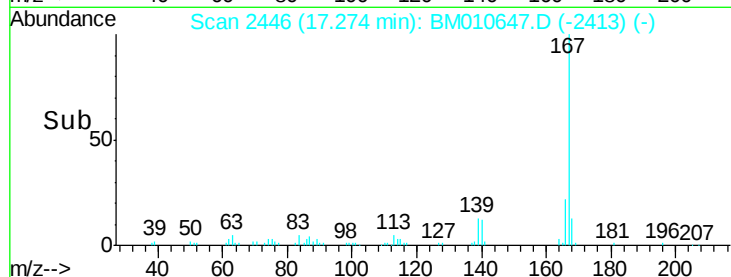
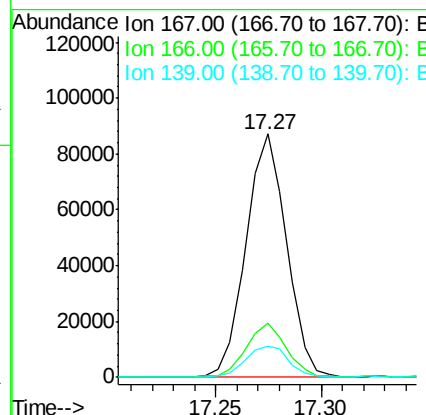
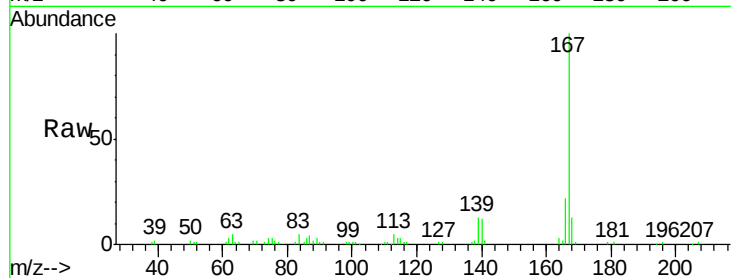
ClientSampleId :

F5D33MEDL

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	116293		
166	22.5	17.1	25.7	
139	12.8	10.0	15.0	

Manual Integrations
APPROVED

mohammad
6/22/2017 5:33:39 PM



#74

Fluoranthene

Concen: 19.381 ng/ul

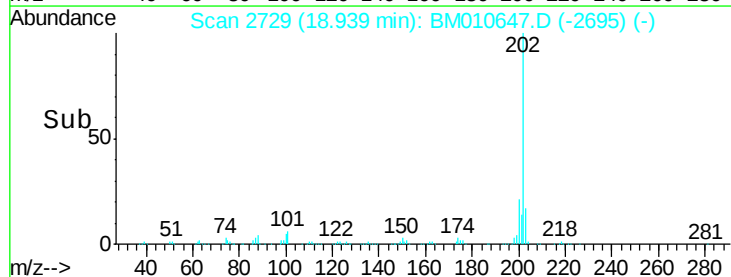
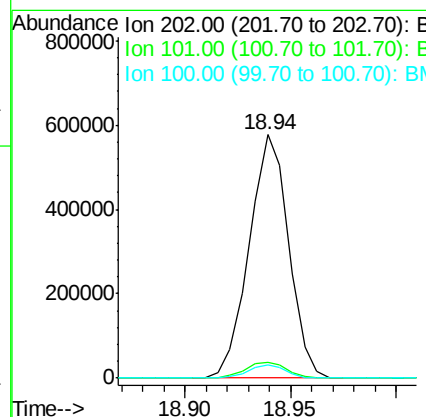
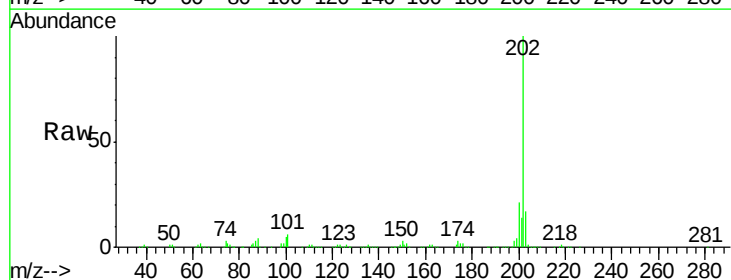
RT: 18.94 min Scan# 2729

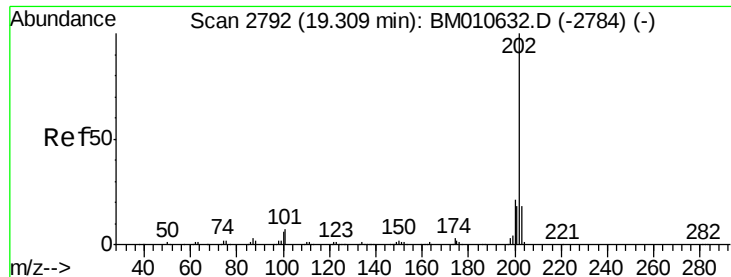
Delta R.T. 0.00 min

Lab File: BM010647.D

Acq: 22 Jun 2017 05:38

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	749589		
101	6.2	4.6	7.0	
100	5.3	3.4	5.2	





#77

Pyrene

Concen: 12.220 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BM010647.D

Acq: 22 Jun 2017 05:38

Instrument :

BNA_M

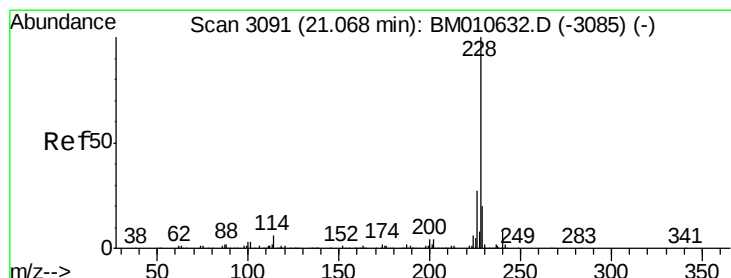
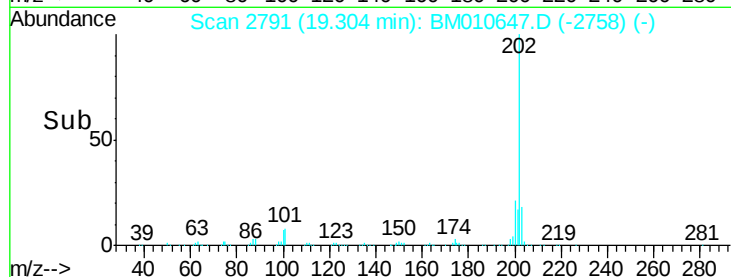
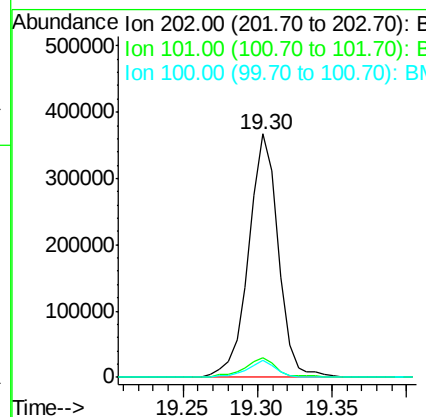
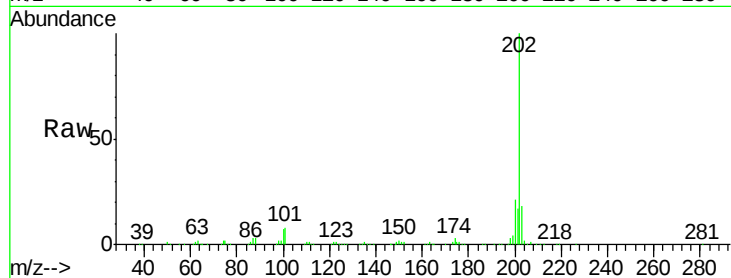
ClientSampleId :

F5D33MEDL

Tgt	Ion	Ratio	Resp	Lower	Upper
202	100		503111		
101	7.9	5.1	7.7#		
100	7.0	4.9	7.3		

Manual Integrations
APPROVED

mohammad
6/22/2017 5:33:39 PM



#80

Benzo(a)anthracene

Concen: 4.022 ng/ul

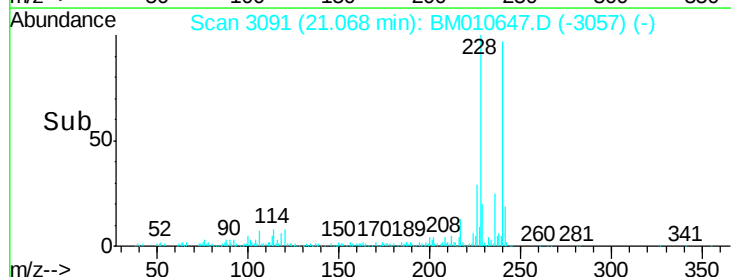
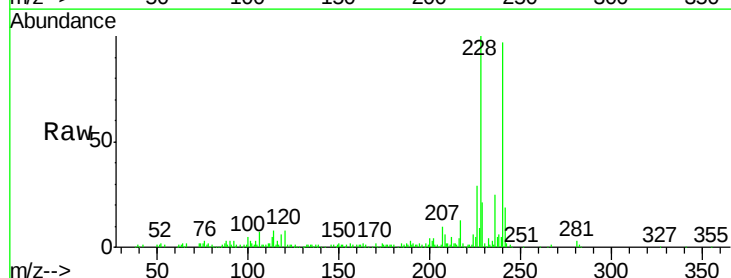
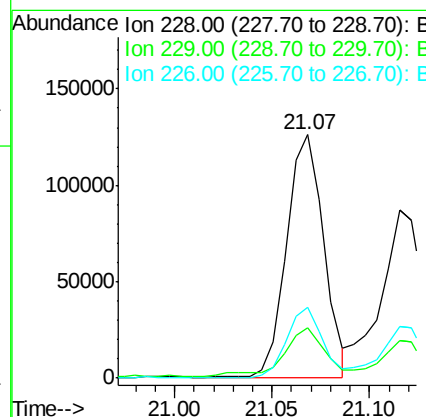
RT: 21.07 min Scan# 3091

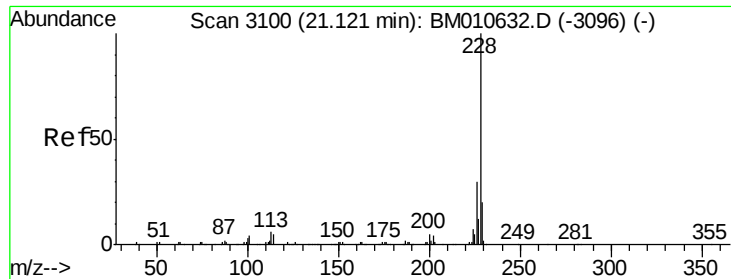
Delta R.T. 0.00 min

Lab File: BM010647.D

Acq: 22 Jun 2017 05:38

Tgt	Ion	Ratio	Resp	Lower	Upper
228	100		166942		
229	20.7	15.4	23.0		
226	29.0	21.4	32.0		





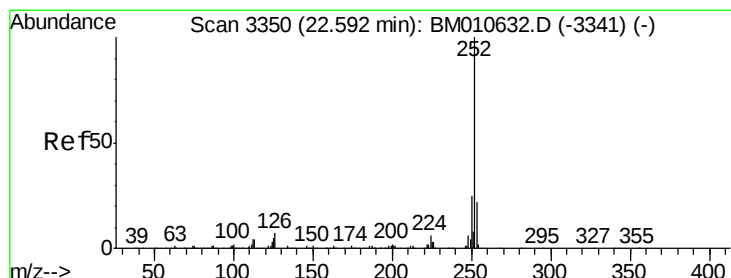
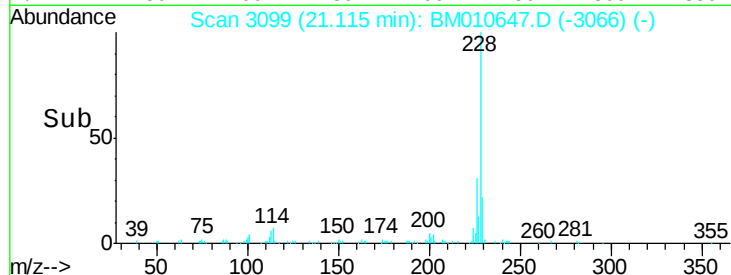
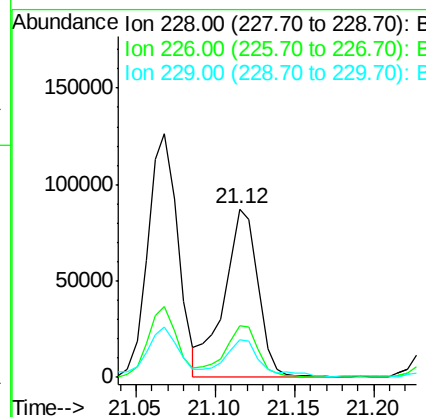
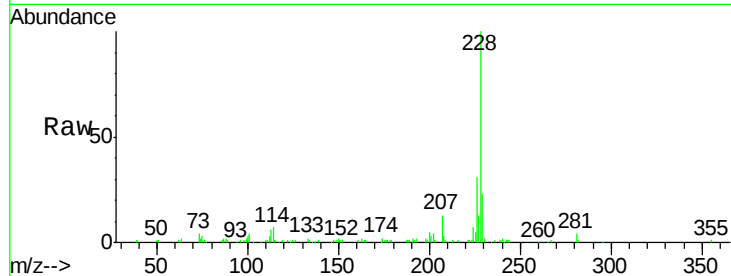
#82
Chrysene
Concen: 3.497 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Instrument :
BNA_M
ClientSampleId :
F5D33MEDL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	129410		
226	31.0	23.4	35.2	
229	22.5	15.5	23.3	

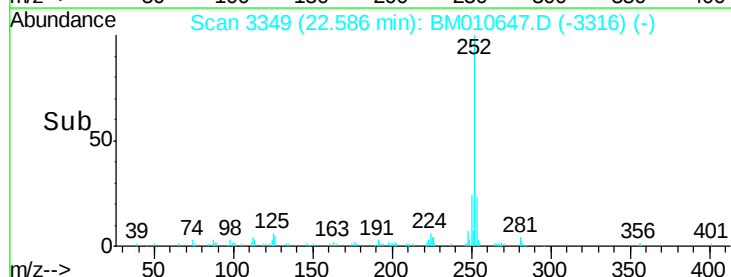
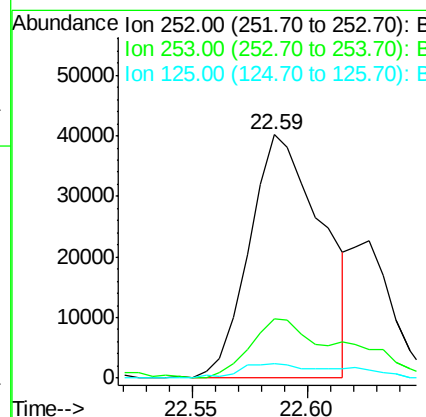
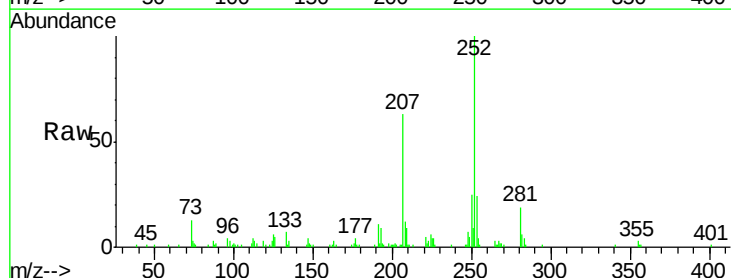
Manual Integrations
APPROVED

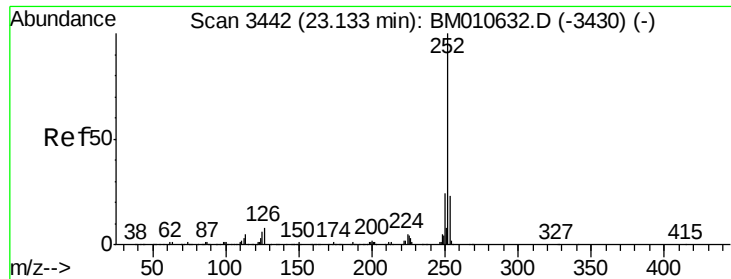
mohammad
6/22/2017 5:33:39 PM



#85
Benzo(b)fluoranthene
Concen: 2.272 ng/ul
RT: 22.59 min Scan# 3349
Delta R.T. -0.01 min
Lab File: BM010647.D
Acq: 22 Jun 2017 05:38

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	87973		
253	24.5	17.9	26.9	
125	6.1	3.6	5.4	





#88

Benzo(a)pyrene

Concen: 1.359 ng/ul

RT: 23.13 min Scan# 3441

Delta R.T. -0.01 min

Lab File: BM010647.D

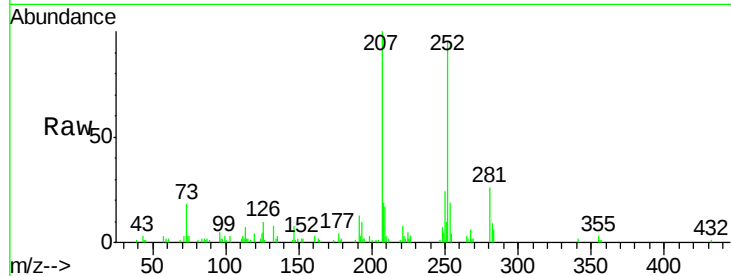
Acq: 22 Jun 2017 05:38

Instrument :

BNA_M

ClientSampleId :

F5D33MEDL



Tgt Ion:	252	Resp:	48438
Ion Ratio	Lower	Upper	
252	100		
253	20.0	18.2	27.2
125	5.5	4.0	6.0

Manual Integrations
APPROVED

mohammad
6/22/2017 5:33:39 PM

