

Data File : BM010740.D
Acq On : 24 Jun 2017 21:15
Operator : SJ/JU
Sample : I3653-04ME
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B21ME

Manual Integrations
APPROVED

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6/28/2017 7:43:22 AM

Quant Time: Jun 26 08:27:53 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 26 04:54:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	65619	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	295721	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	202988	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	524467	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	631806	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	481214	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	1455	1.27	ng/uL	0.00
5) Phenol-d5	6.65	99	53745	8.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	32200	9.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	42850	9.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	47660	9.20	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	22246	10.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	24490	10.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	50366	9.84	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	56805	10.53	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	197020	11.06	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	218498	10.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	23805	7.59	ng/ul	-0.01
57) Fluorene-d10	15.11	176	174053	11.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	28481	8.84	ng/ul	0.00
70) Anthracene-d10	16.96	188	289445	11.43	ng/ul	0.00
76) Pyrene-d10	19.27	212	362198	12.34	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	261158	11.23	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.27	128	1154840	78.47	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	235701	19.92	ng/ul	91
40) 1,1'-Biphenyl	12.93	154	71460	4.50	ng/ul	97
44) Dimethylphthalate	13.57	163	99201	5.68	ng/ul	97
49) Acenaphthene	14.17	153	173961	13.06	ng/ul	98
53) Dibenzofuran	14.51	168	272845	13.53	ng/ul	94
58) Fluorene	15.16	166	244555	14.48	ng/ul	96
69) Phenanthrene	16.91	178	1212451	43.48	ng/ul	99
71) Anthracene	17.00	178	196273	6.83	ng/ul	97
72) Carbazole	17.27	167	191603	7.65	ng/ul	94
74) Fluoranthene	18.93	202	728067	20.26	ng/ul#	95
77) Pyrene	19.30	202	479942	13.15	ng/ul	99
80) Benzo(a)anthracene	21.06	228	155730	4.23	ng/ul	98
82) Chrysene	21.12	228	115683	3.53	ng/ul	98
85) Benzo(b)fluoranthene	22.58	252	68724	2.20	ng/ul#	99
88) Benzo(a)pyrene	23.12	252	37312m	1.30	ng/ul	

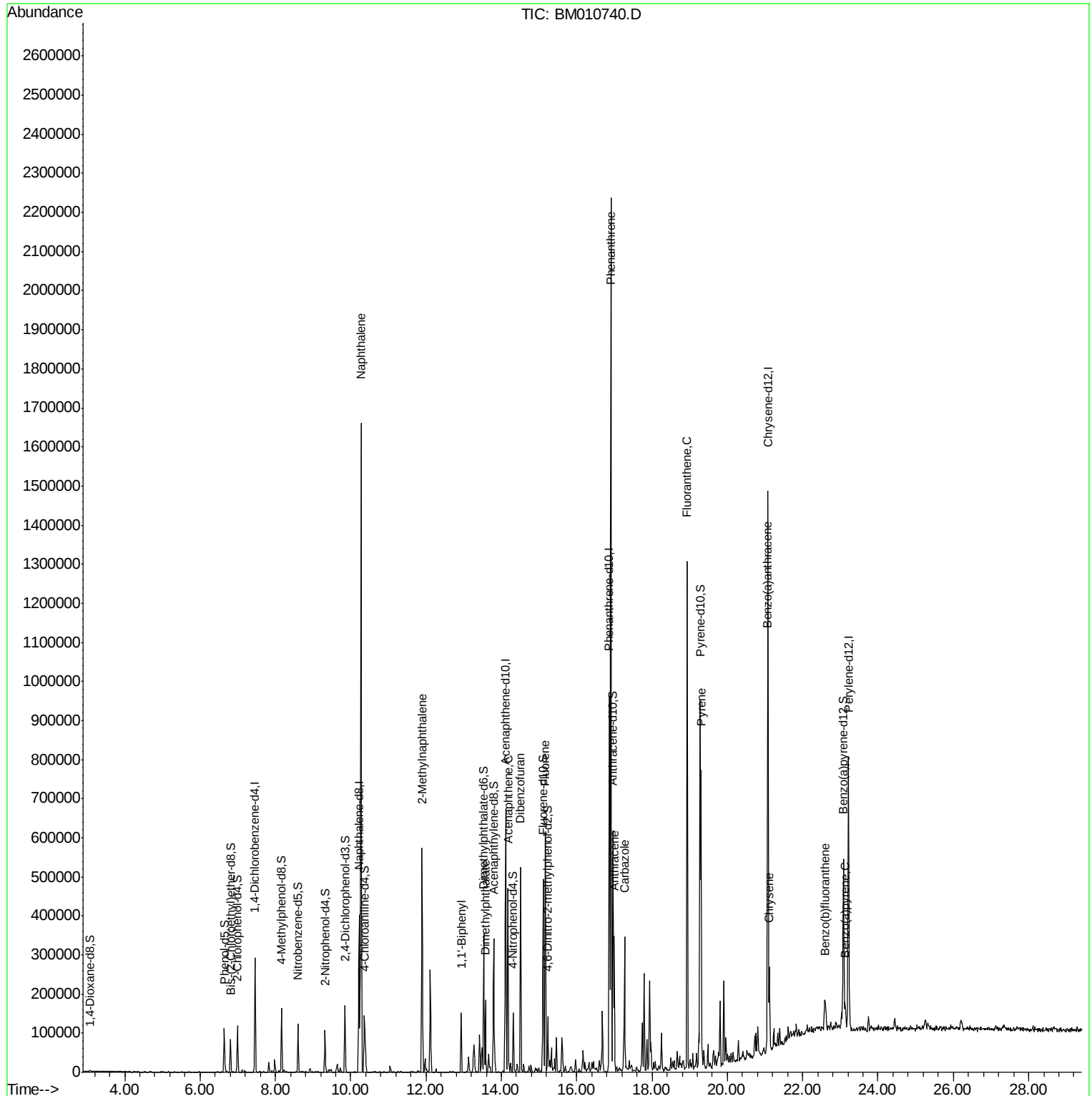
(#) = qualifier out of range (m) = manual integration (+) = signals summed

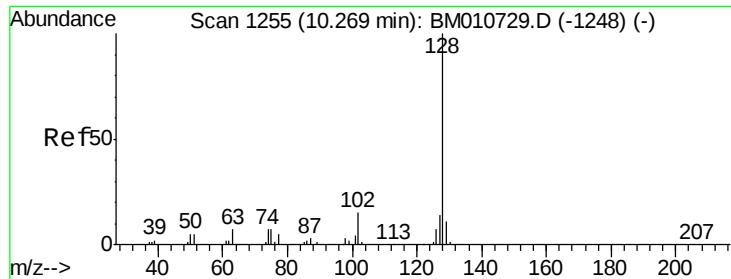
ALS Vial : 55 Sample Multiplier: 1

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Response via : Initial Calibration





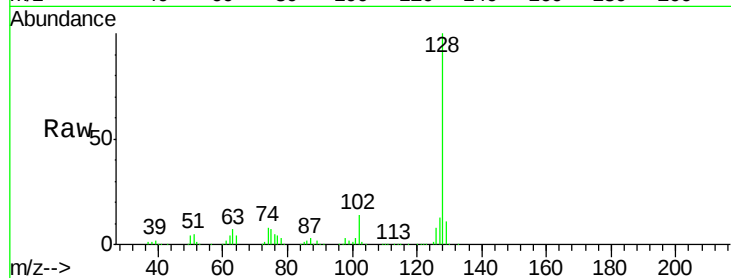
#28
Naphthalene
Concen: 78.47 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. 0.01 min
Lab File: BM010740.D
Acq: 24 Jun 2017 21:15

Instrument :
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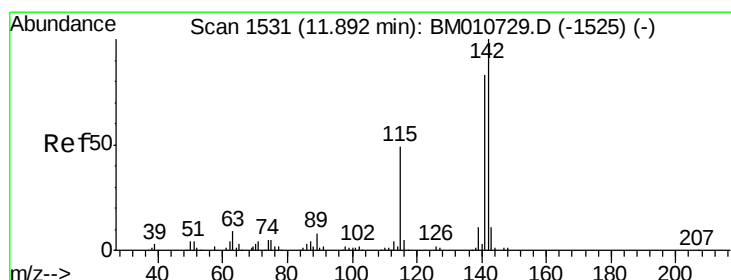
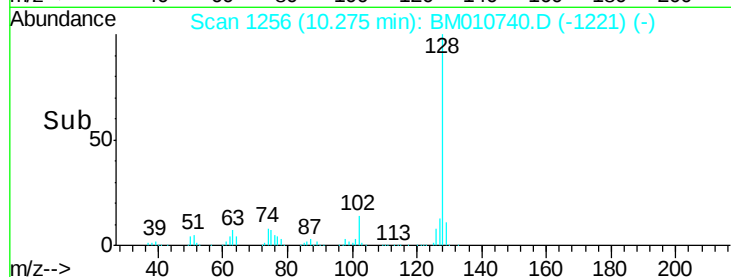
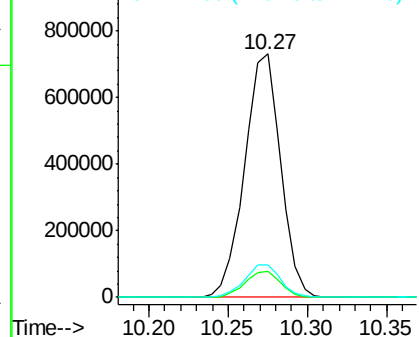
Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.5	10.6	16.0

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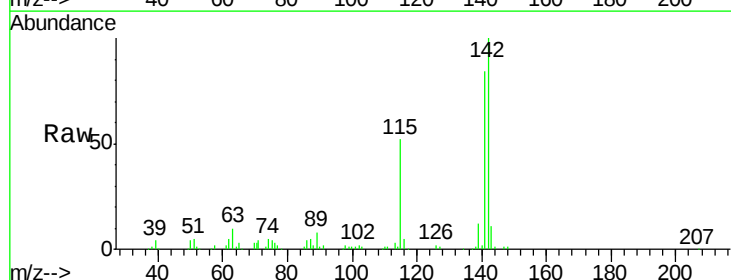


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

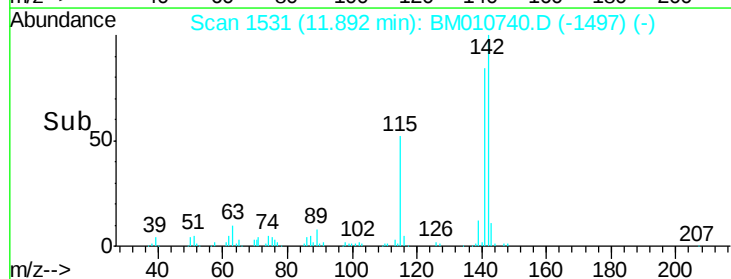
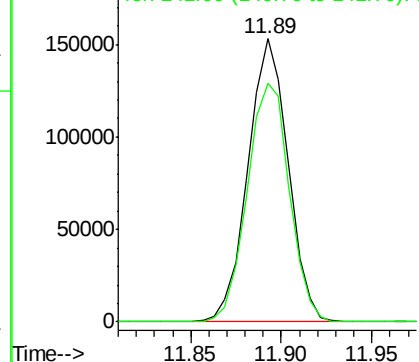


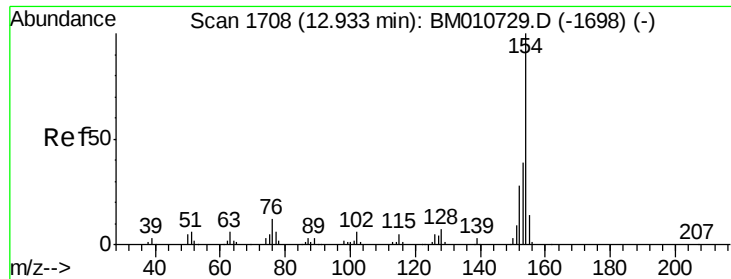
#34
2-Methylnaphthalene
Concen: 19.92 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. 0.00 min
Lab File: BM010740.D
Acq: 24 Jun 2017 21:15

Tgt Ion	Ratio	Lower	Upper
142	100		
141	84.1	74.1	111.1



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





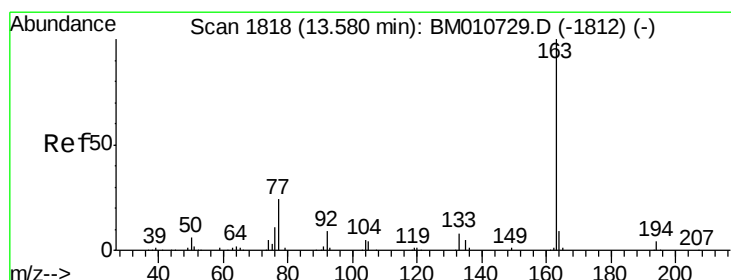
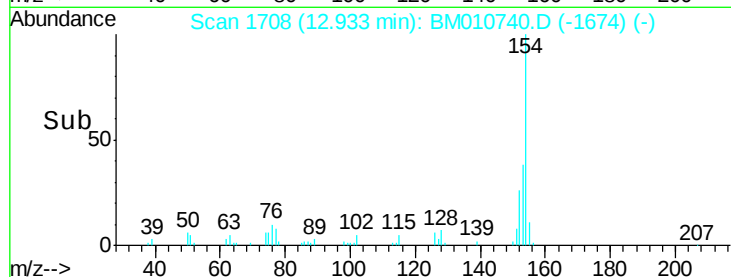
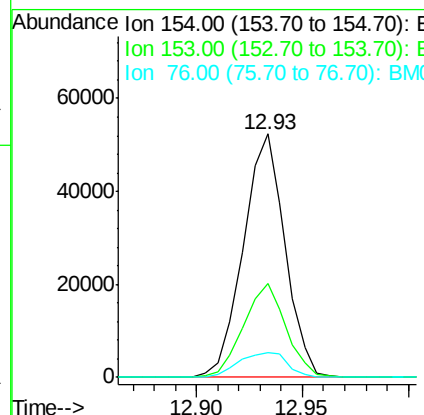
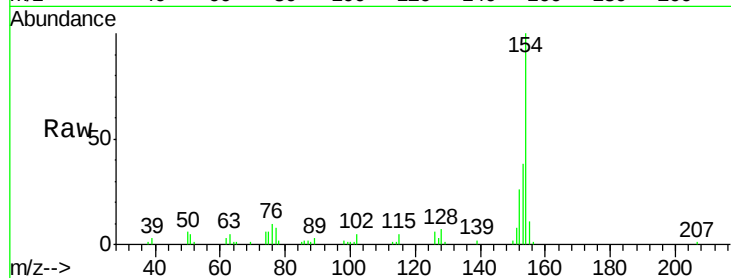
#40
1,1'-Biphenyl
Concen: 4.50 ng/ul
RT: 12.93 min Scan# 1708
Delta R.T. 0.00 min
Lab File: BM010740.D
Acq: 24 Jun 2017 21:15

Instrument :
BNA_M
ClientSampleId :
F5B21ME

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.4	32.6	48.8
76	10.3	8.5	12.7

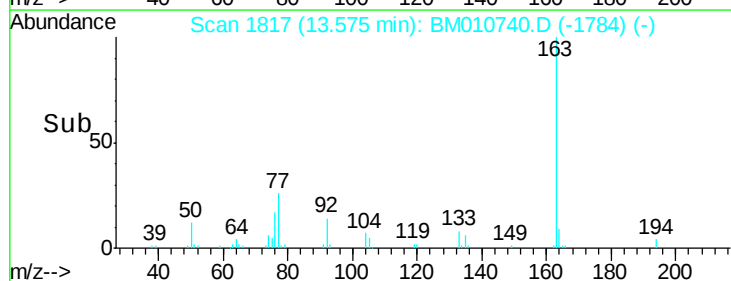
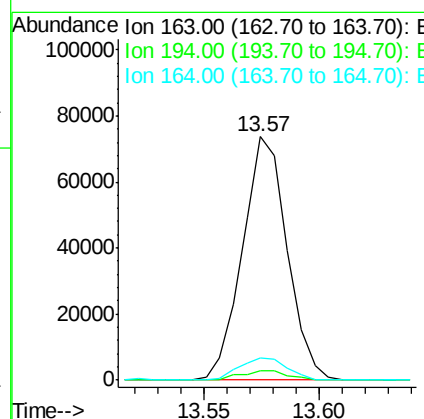
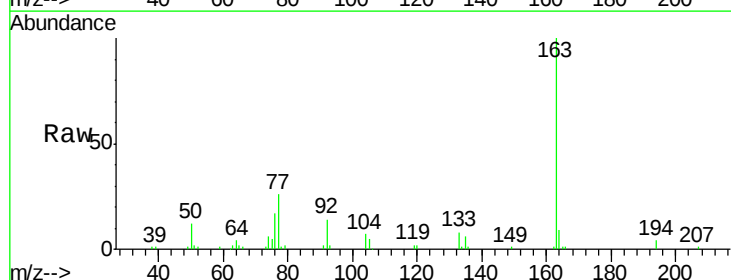
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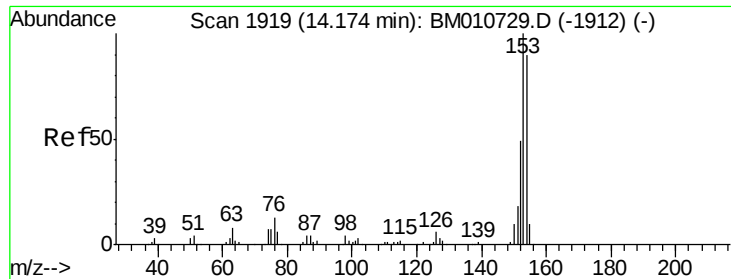
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#44
Dimethylphthalate
Concen: 5.68 ng/ul
RT: 13.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM010740.D
Acq: 24 Jun 2017 21:15

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.5	5.3
164	9.2	8.2	12.4





#49

Acenaphthene

Concen: 13.06 ng/ul

RT: 14.17 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BM010740.D

Acq: 24 Jun 2017 21:15

Instrument :

BNA_M

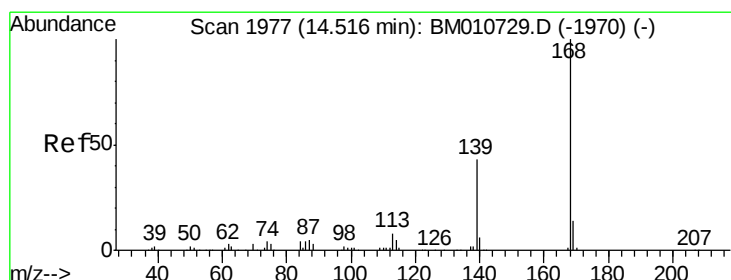
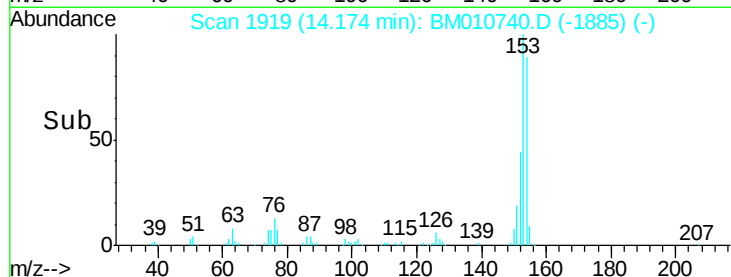
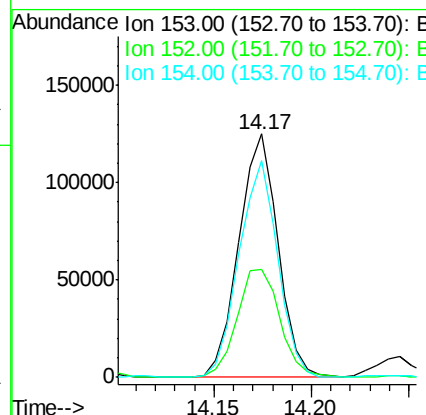
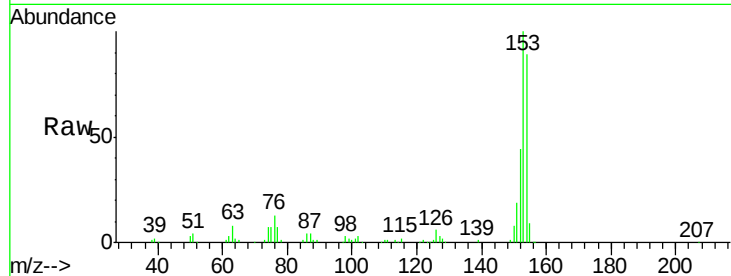
ClientSampleId :

F5B21ME

Tgt Ion:	153	Resp:	173961
Ion Ratio	Lower	Upper	
153	100		
152	44.4	37.6	56.4
154	88.9	70.4	105.6

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#53

Dibenzofuran

Concen: 13.53 ng/ul

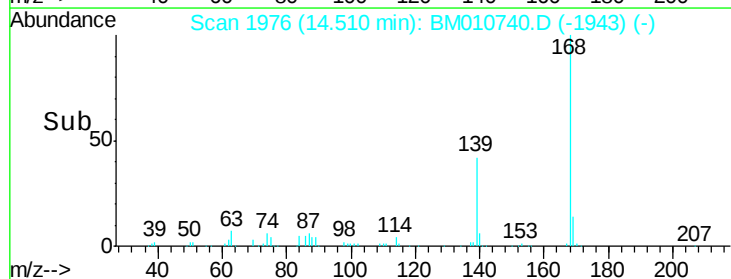
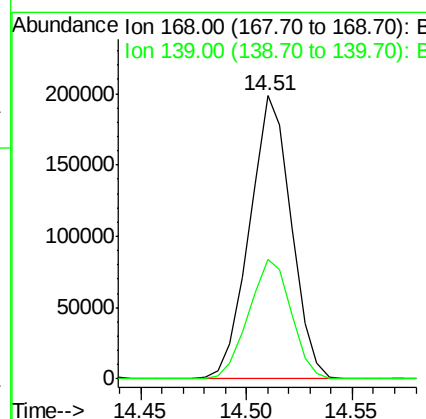
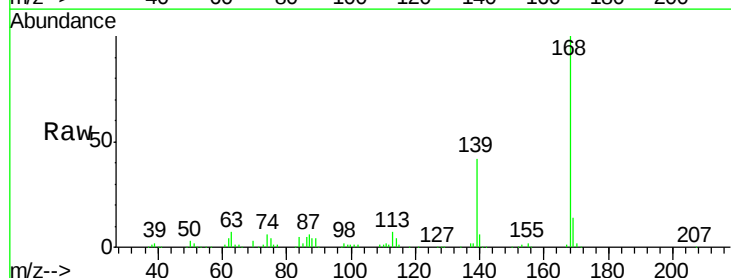
RT: 14.51 min Scan# 1976

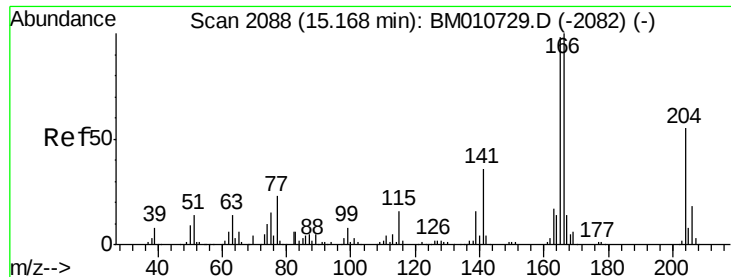
Delta R.T. -0.01 min

Lab File: BM010740.D

Acq: 24 Jun 2017 21:15

Tgt Ion:	168	Resp:	272845
Ion Ratio	Lower	Upper	
168	100		
139	42.3	30.8	46.2





#58

Fluorene

Concen: 14.48 ng/ul

RT: 15.16 min Scan# 2087

Delta R.T. -0.01 min

Lab File: BM010740.D

Acq: 24 Jun 2017 21:15

Instrument :

BNA_M

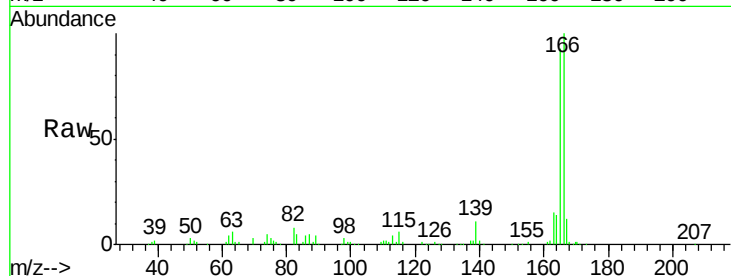
ClientSampleId :

F5B21ME

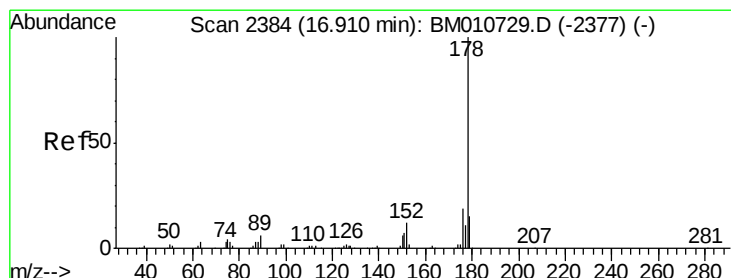
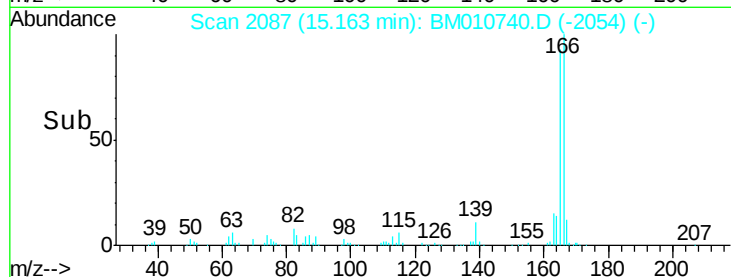
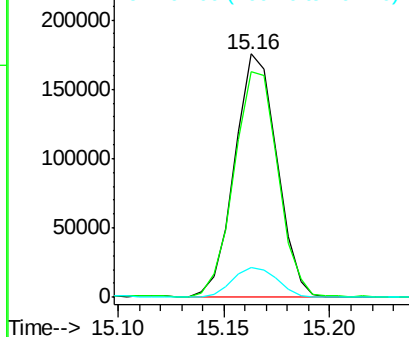
Tgt Ion:	166	Resp:	244555
Ion Ratio		Lower	Upper
166	100		
165	92.9	77.9	116.9
167	12.4	10.6	16.0

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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: 43.48 ng/ul

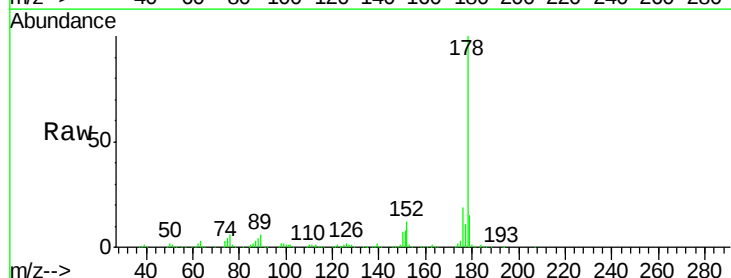
RT: 16.91 min Scan# 2384

Delta R.T. 0.00 min

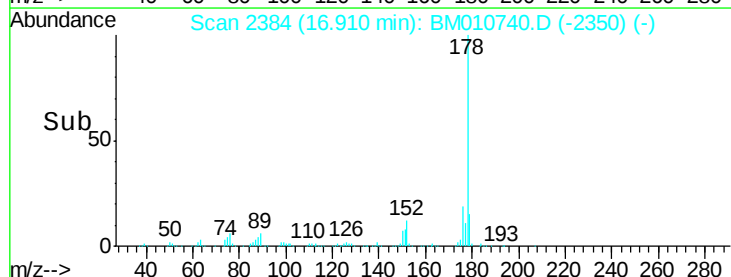
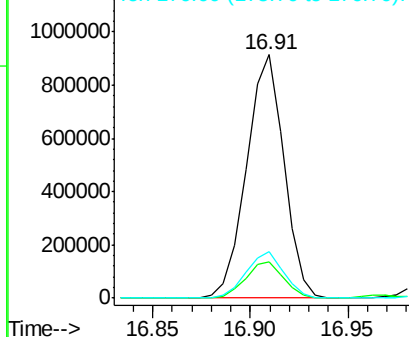
Lab File: BM010740.D

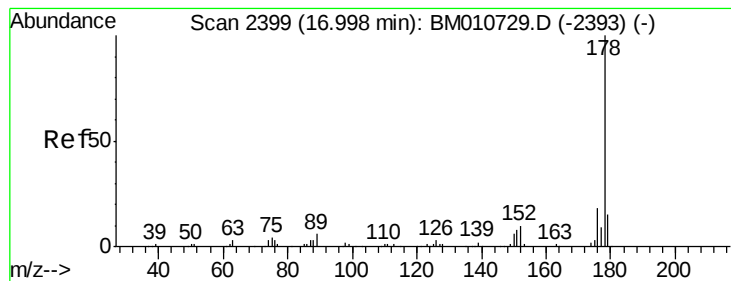
Acq: 24 Jun 2017 21:15

Tgt Ion:	178	Resp:	1212451
Ion Ratio		Lower	Upper
178	100		
179	15.1	12.6	19.0
176	19.0	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: 6.83 ng/ul

RT: 17.00 min Scan# 2399

Delta R.T. 0.00 min

Lab File: BM010740.D

Acq: 24 Jun 2017 21:15

Instrument :

BNA_M

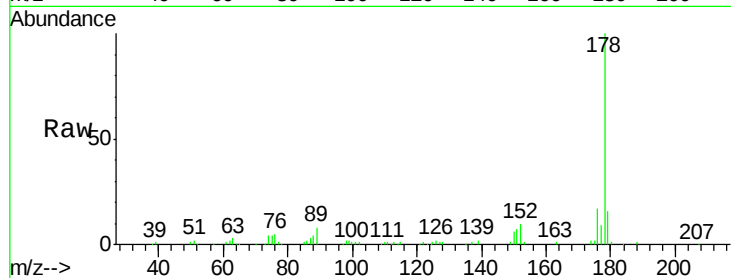
ClientSampleId :

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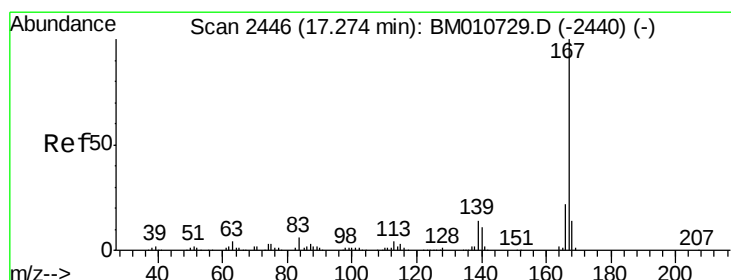
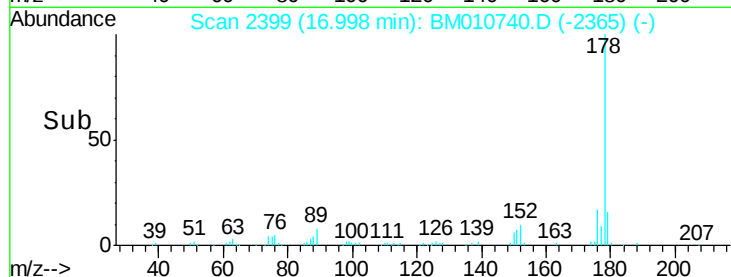
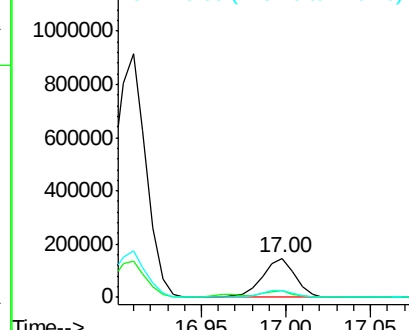
Tgt Ion:	178	Resp:	196273
Ion Ratio	Lower	Upper	
178	100		
179	16.0	11.7	17.5
176	16.6	14.6	21.8

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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: 7.65 ng/ul

RT: 17.27 min Scan# 2445

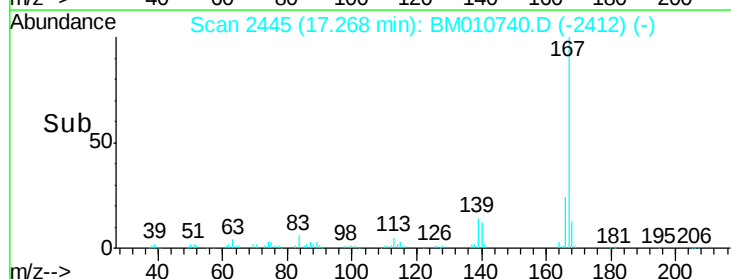
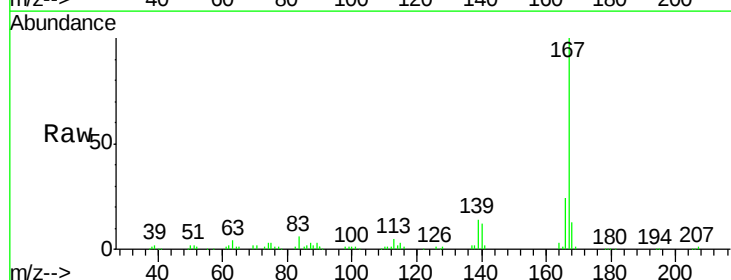
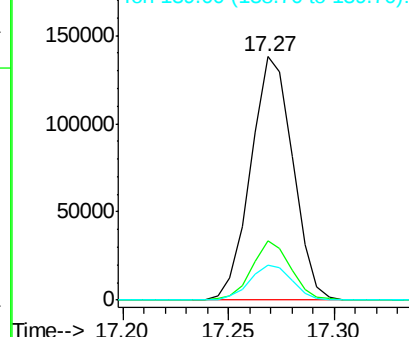
Delta R.T. -0.01 min

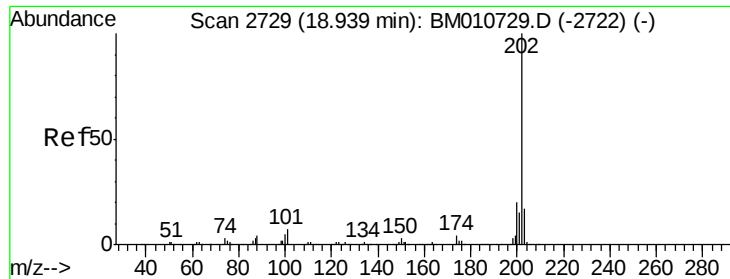
Lab File: BM010740.D

Acq: 24 Jun 2017 21:15

Tgt Ion:	167	Resp:	191603
Ion Ratio	Lower	Upper	
167	100		
166	24.2	17.1	25.7
139	14.4	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: 20.26 ng/ul

RT: 18.93 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM010740.D

Acq: 24 Jun 2017 21:15

Instrument :

BNA_M

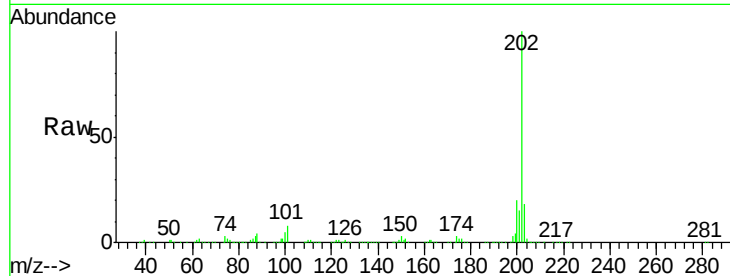
ClientSampleId :

F5B21ME

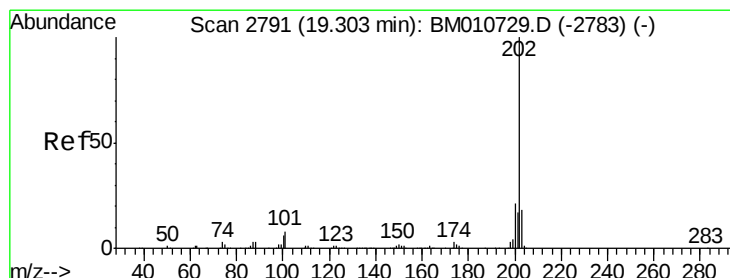
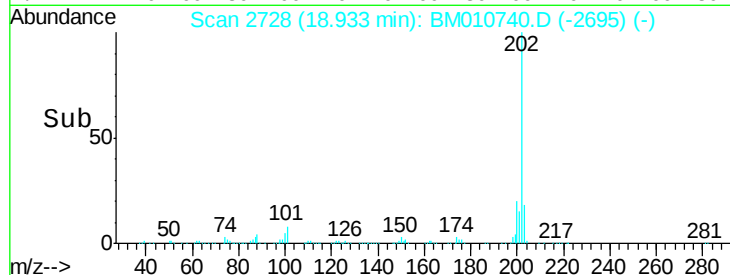
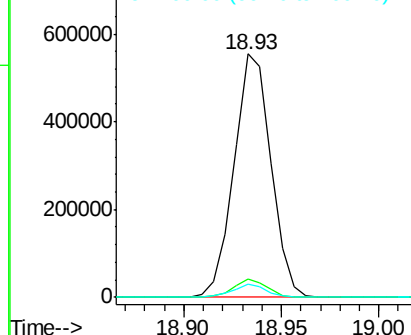
Tgt	Ion:202	Resp:	728067
Ion	Ratio	Lower	Upper
202	100		
101	7.7	4.6	7.0#
100	5.4	3.4	5.2#

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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: 13.15 ng/ul

RT: 19.30 min Scan# 2791

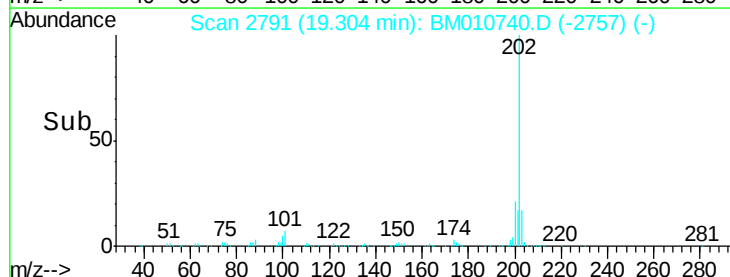
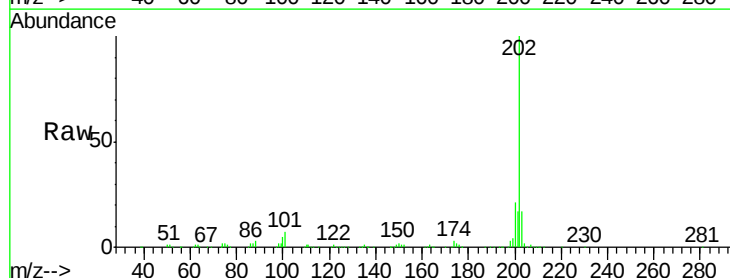
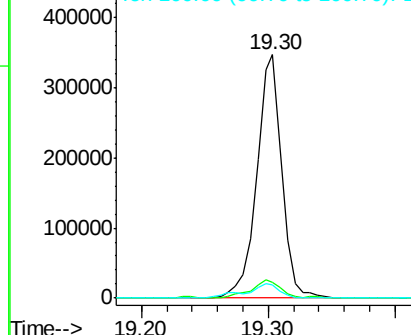
Delta R.T. 0.00 min

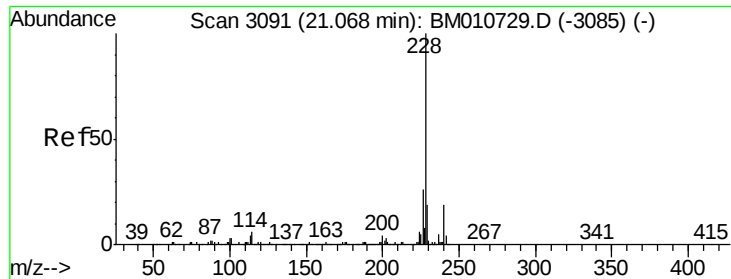
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Tgt	Ion:202	Resp:	479942
Ion	Ratio	Lower	Upper
202	100		
101	6.6	5.1	7.7
100	5.4	4.9	7.3

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





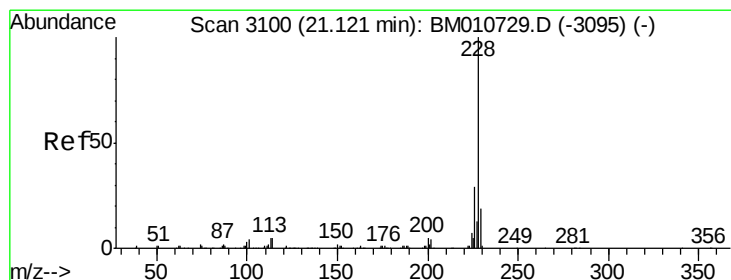
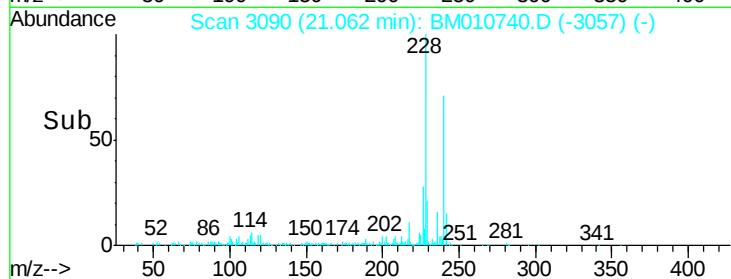
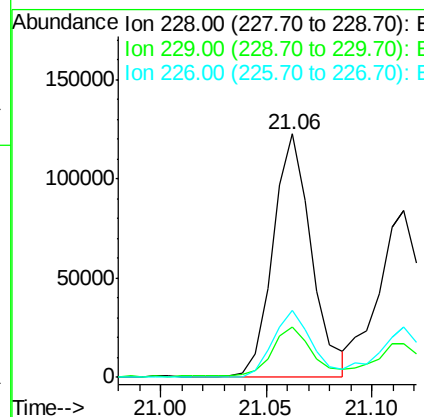
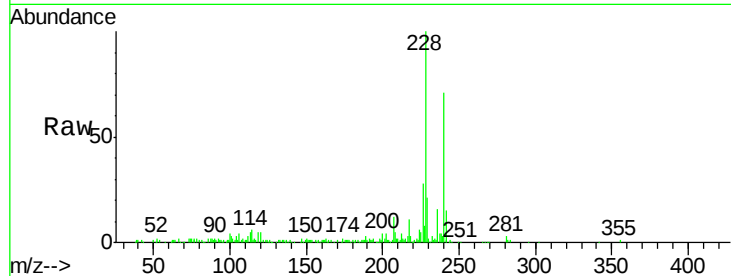
#80
Benzo(a)anthracene
Concen: 4.23 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM010740.D
Acq: 24 Jun 2017 21:15

Instrument :
BNA_M
ClientSampleId :
F5B21ME

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.4	23.0
226	27.6	21.4	32.0

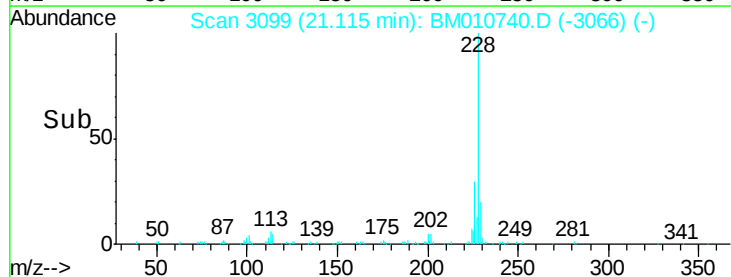
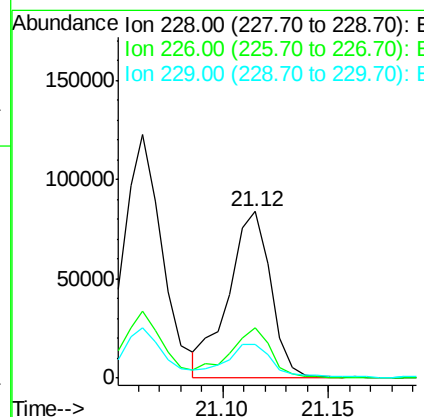
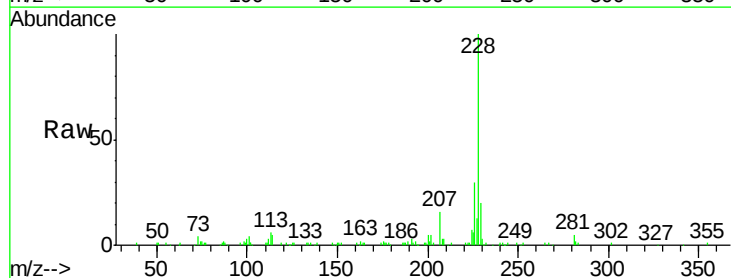
Manual Integrations
APPROVED

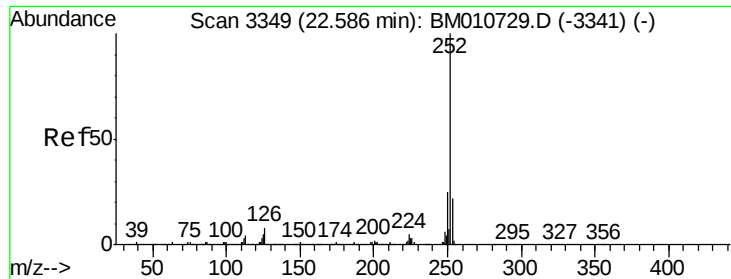
mohammad
6/28/2017 7:43:22 AM



#82
Chrysene
Concen: 3.53 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010740.D
Acq: 24 Jun 2017 21:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.4	35.2
229	20.3	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 2.20 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.01 min

Lab File: BM010740.D

Acq: 24 Jun 2017 21:15

Instrument :

BNA_M

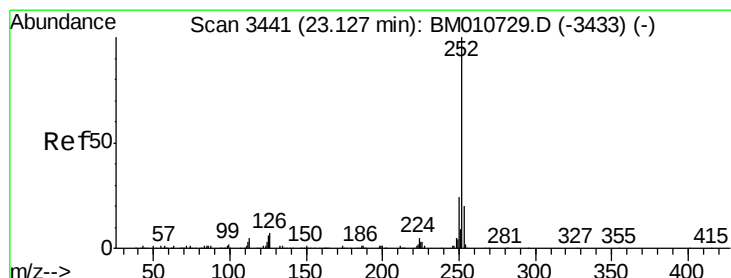
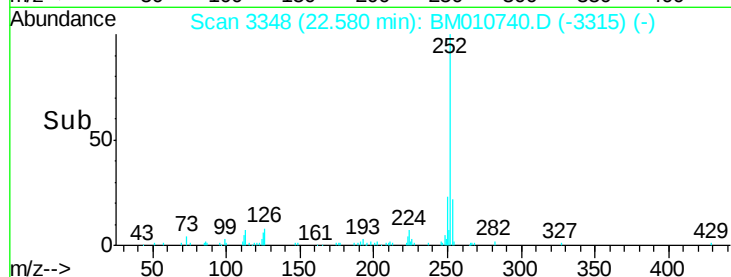
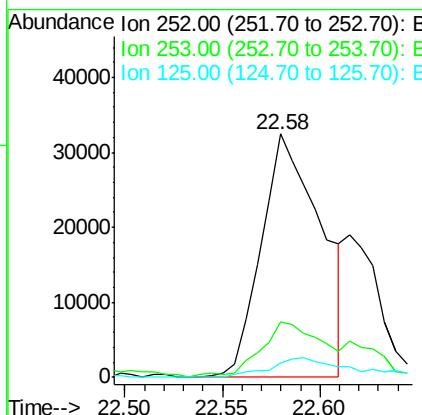
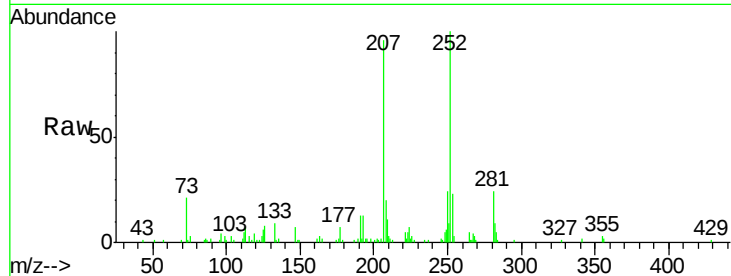
ClientSampleId :

F5B21ME

Tgt Ion:	252	Resp:	68724
Ion Ratio	Lower	Upper	
252	100		
253	22.8	17.9	26.9
125	5.9	3.6	5.4#

Manual Integrations
APPROVED

mohammad
6/28/2017 7:43:22 AM



#88

Benzo(a)pyrene

Concen: 1.30 ng/ul m

RT: 23.12 min Scan# 3440

Delta R.T. -0.01 min

Lab File: BM010740.D

Acq: 24 Jun 2017 21:15

Tgt Ion:	252	Resp:	37312
Ion Ratio	Lower	Upper	
252	100		
253	21.2	18.2	27.2
125	8.8	4.0	6.0#

