

Data File : BM010690.D
Acq On : 23 Jun 2017 14:04
Operator : SJ/JU
Sample : I3625-11
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5D15

Manual Integrations
APPROVED

mohammad
6/27/2017 5:02:34 PM

Quant Time: Jun 24 04:04:00 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 03:35:21 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	82914	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	384443	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	257208	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	596556	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	487877	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	353529	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	3502	2.42	ng/uL	0.00
5) Phenol-d5	6.65	99	108303	13.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	56968	12.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	84543	15.26	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	89739	13.70	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	41016	14.96	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	51411	16.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	105247	15.82	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	107191	15.29	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	380647	16.86	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	380588	14.49	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	77891	19.60	ng/ul	0.00
57) Fluorene-d10	15.11	176	314962	16.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	83167	22.70	ng/ul	0.00
70) Anthracene-d10	16.96	188	627803m	21.79	ng/ul	0.00
76) Pyrene-d10	19.28	212	934228	41.22	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	596264	34.89	ng/ul	0.00

Target Compounds

						Qvalue
44) Dimethylphthalate	13.58	163	60590	2.74	ng/ul	99
47) Acenaphthylene	13.83	152	47780	1.91	ng/ul	96
69) Phenanthrene	16.91	178	359661	11.34	ng/ul	97
71) Anthracene	17.00	178	88536	2.71	ng/ul	98
72) Carbazole	17.27	167	54531	1.91	ng/ul#	94
74) Fluoranthene	18.94	202	1599429	39.13	ng/ul#	96
77) Pyrene	19.31	202	1491853	52.94	ng/ul#	97
80) Benzo(a)anthracene	21.07	228	827979	29.14	ng/ul	99
82) Chrysene	21.12	228	832205	32.85	ng/ul	98
85) Benzo(b)fluoranthene	22.60	252	957099	41.71	ng/ul#	99
86) Benzo(k)fluoranthene	22.63	252	314803m	14.47	ng/ul	
88) Benzo(a)pyrene	23.14	252	621871	29.43	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	25.34	276	419498	19.14	ng/ul	98
90) Dibenzo(a,h)anthracene	25.34	278	117093	6.41	ng/ul#	93
91) Benzo(g,h,i)perylene	25.99	276	354345	20.31	ng/ul	98

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

Data File : BM010690.D

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Instrument :

BNA_M

ClientSampleId :

F5D15

Manual Integrations
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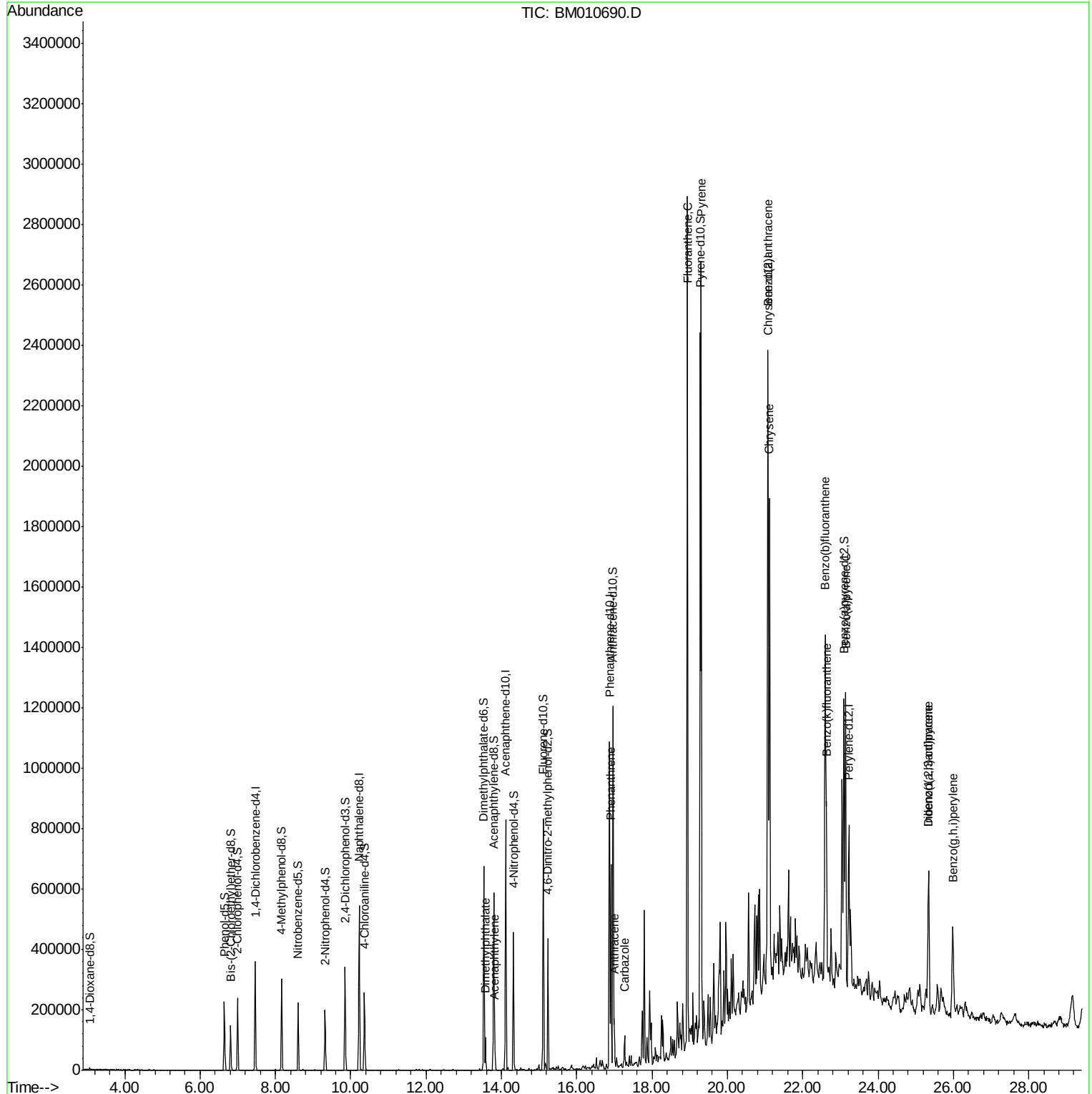
Quant Time: Jun 24 04:04:00 2017

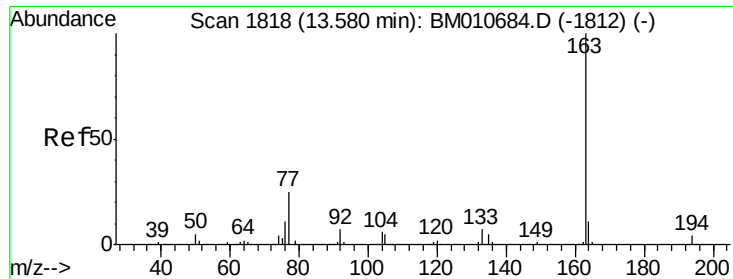
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Jun 24 03:35:21 2017

Response via : Initial Calibration





#44

Dimethylphthalate

Concen: 2.74 ng/ul

RT: 13.58 min Scan# 1818

Delta R.T. 0.00 min

Lab File: BM010690.D

Acq: 23 Jun 2017 14:04

Instrument :

BNA_M

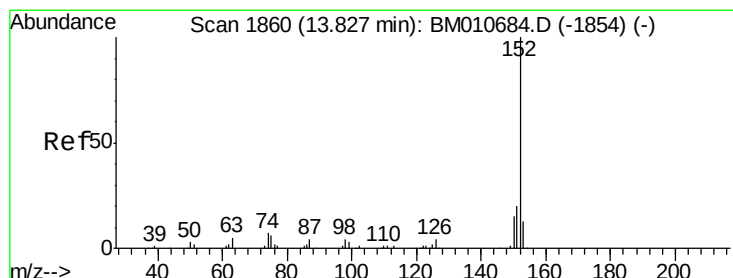
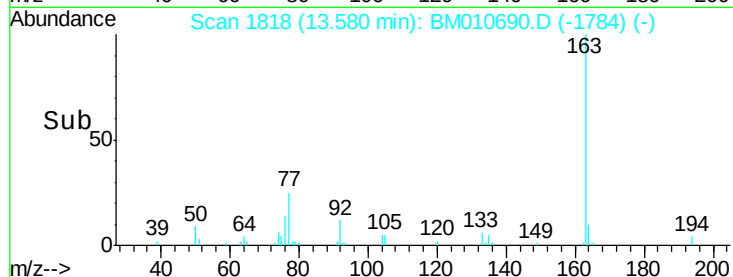
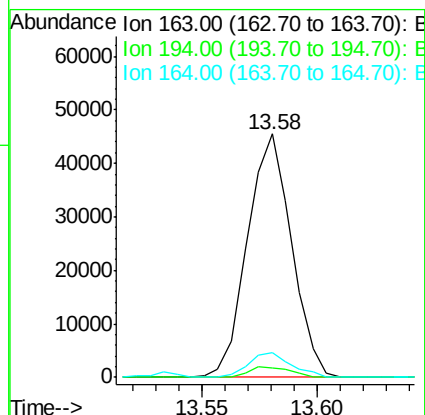
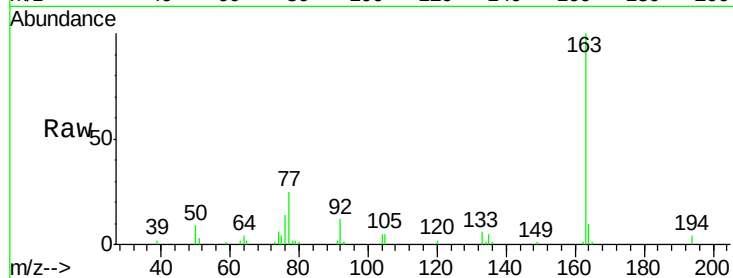
ClientSampleId :

F5D15

Tgt Ion:	163	Resp:	60590
Ion Ratio	Lower	Upper	
163	100		
194	4.0	3.5	5.3
164	9.9	8.2	12.4

Manual Integrations
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#47

Acenaphthylene

Concen: 1.91 ng/ul

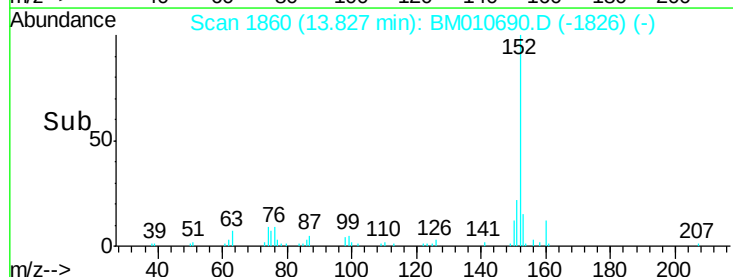
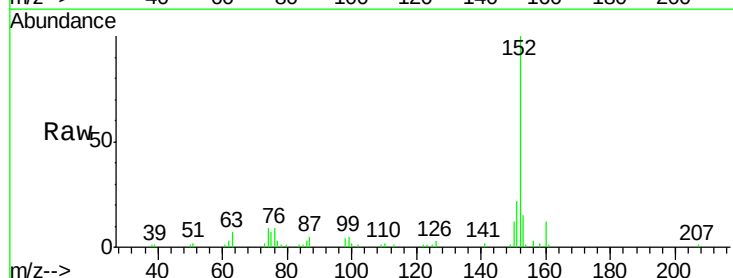
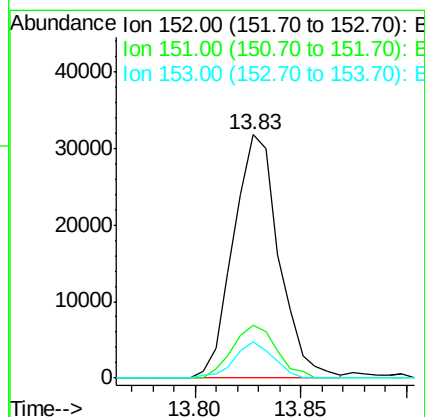
RT: 13.83 min Scan# 1860

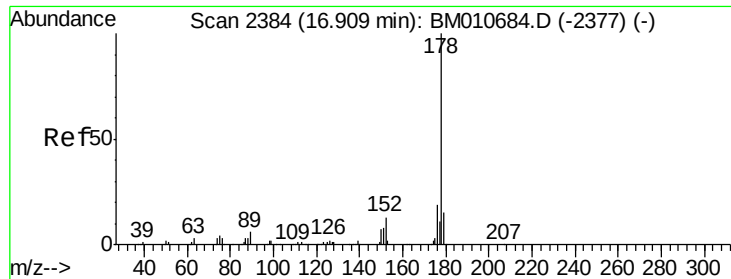
Delta R.T. 0.00 min

Lab File: BM010690.D

Acq: 23 Jun 2017 14:04

Tgt Ion:	152	Resp:	47780
Ion Ratio	Lower	Upper	
152	100		
151	21.6	16.3	24.5
153	15.1	10.2	15.4





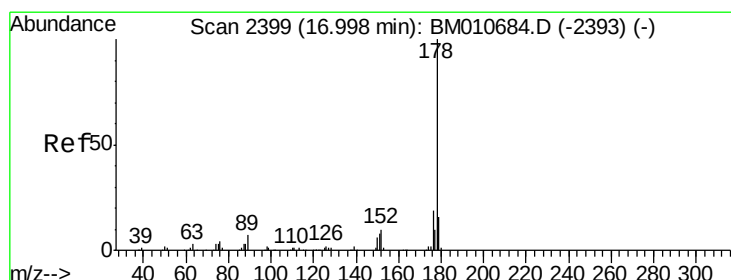
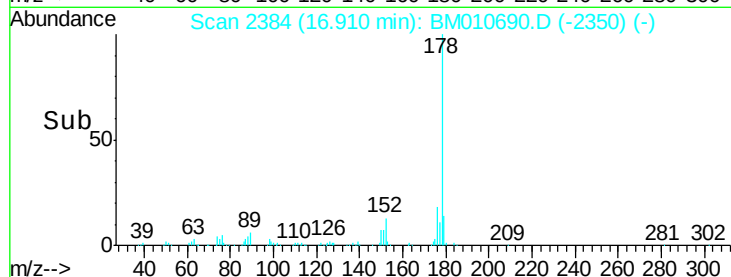
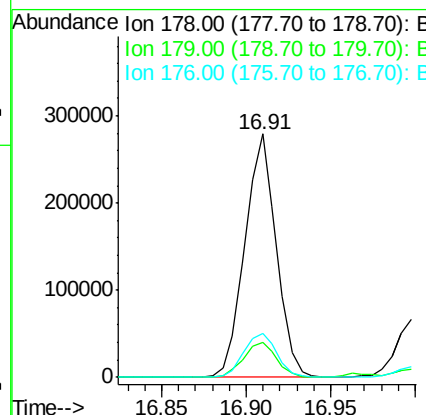
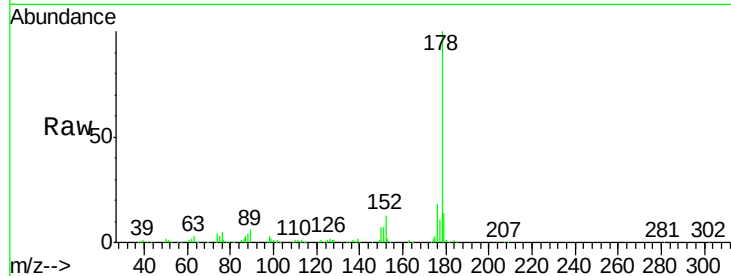
#69
Phenanthrene
Concen: 11.34 ng/ul
RT: 16.91 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM010690.D
Acq: 23 Jun 2017 14:04

Instrument :
BNA_M
ClientSampleId :
F5D15

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	359661		
179	14.2		12.6	19.0
176	17.8		14.9	22.3

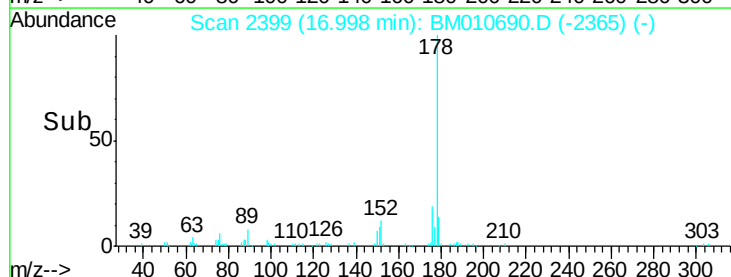
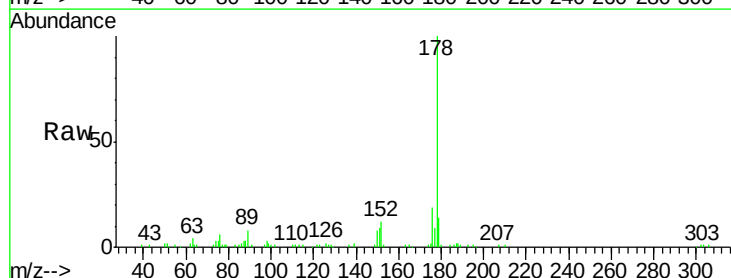
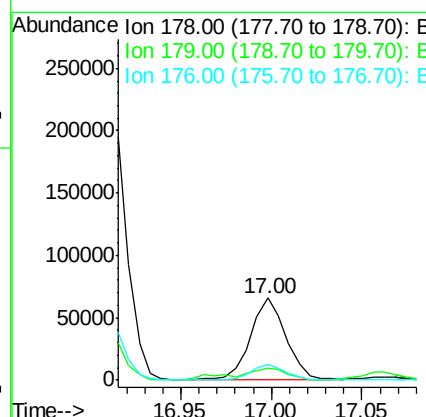
Manual Integrations
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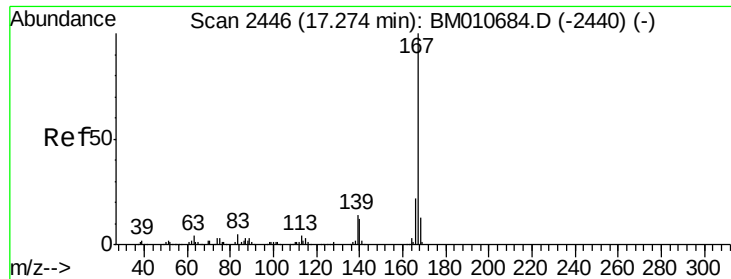
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#71
Anthracene
Concen: 2.71 ng/ul
RT: 17.00 min Scan# 2399
Delta R.T. 0.00 min
Lab File: BM010690.D
Acq: 23 Jun 2017 14:04

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	88536		
179	13.9		11.7	17.5
176	19.3		14.6	21.8





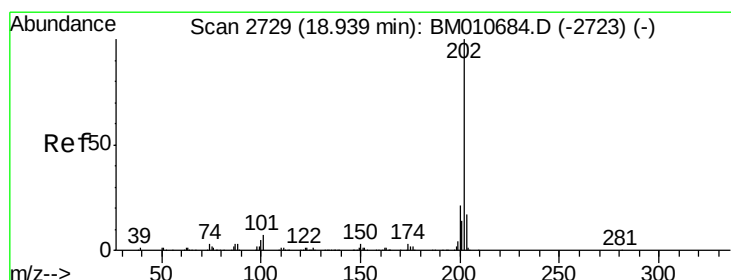
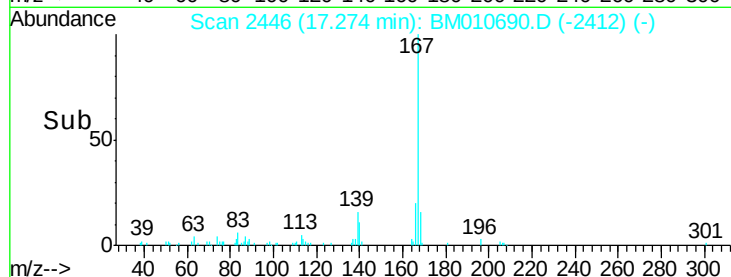
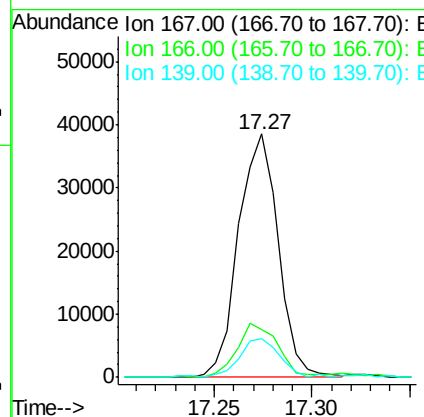
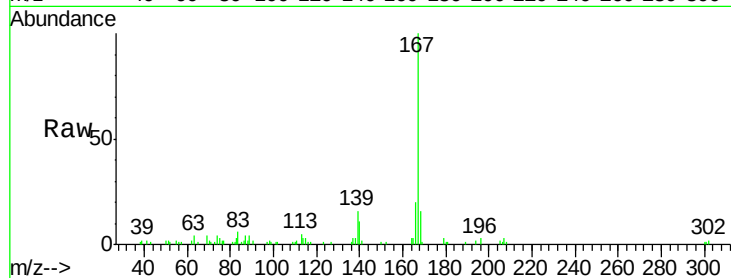
#72
 Carbazole
 Concen: 1.91 ng/ul
 RT: 17.27 min Scan# 2446
 Delta R.T. 0.00 min
 Lab File: BM010690.D
 Acq: 23 Jun 2017 14:04

Instrument :
 BNA_M
 ClientSampled :
 F5D15

Tgt Ion	Ratio	Lower	Upper
167	100		
166	19.8	17.1	25.7
139	16.1	10.0	15.0#

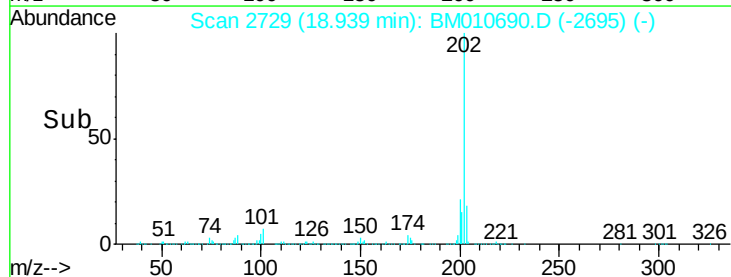
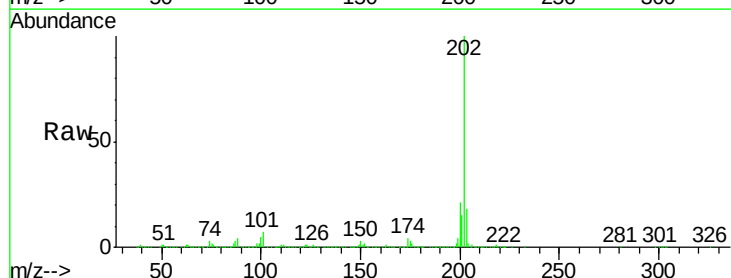
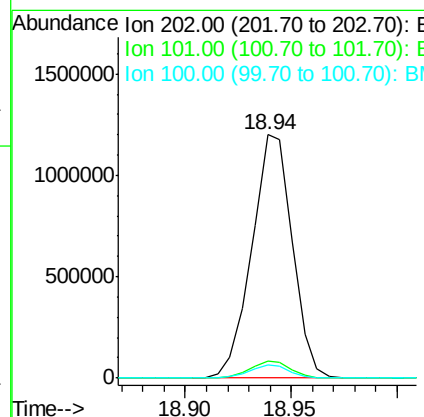
Manual Integrations
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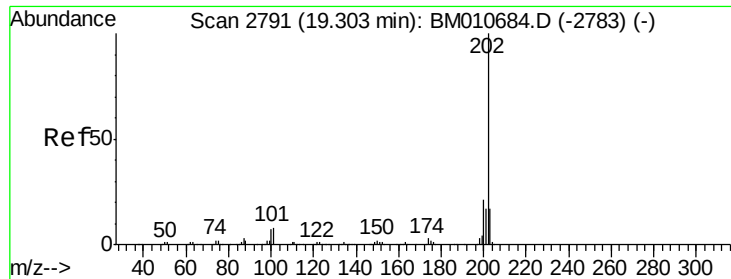
mohammad
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#74
 Fluoranthene
 Concen: 39.13 ng/ul
 RT: 18.94 min Scan# 2729
 Delta R.T. 0.00 min
 Lab File: BM010690.D
 Acq: 23 Jun 2017 14:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	7.2	4.6	7.0#
100	5.3	3.4	5.2#





#77

Pyrene

Concen: 52.94 ng/ul

RT: 19.31 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BM010690.D

Acq: 23 Jun 2017 14:04

Instrument :

BNA_M

ClientSampleId :

F5D15

Tgt Ion:202 Resp: 1491853

Ion Ratio Lower Upper

202 100

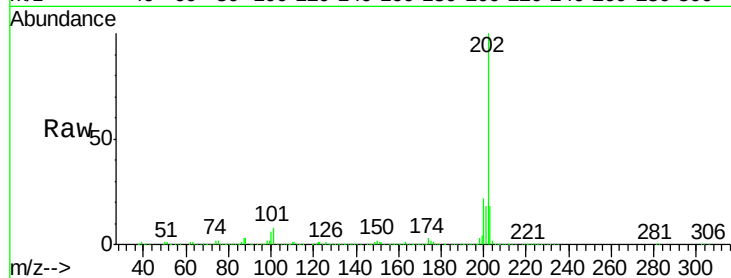
101 7.9 5.1 7.7#

100 6.4 4.9 7.3

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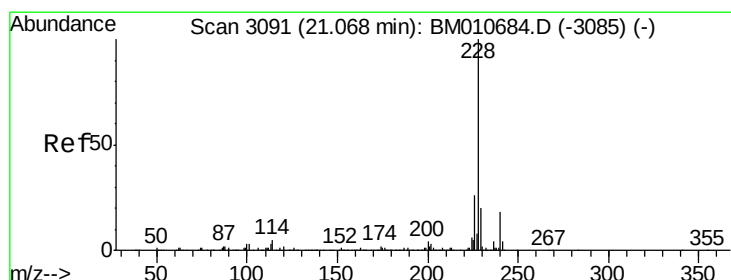
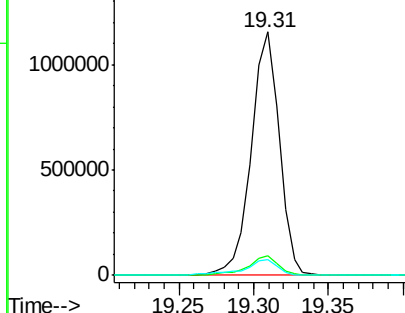
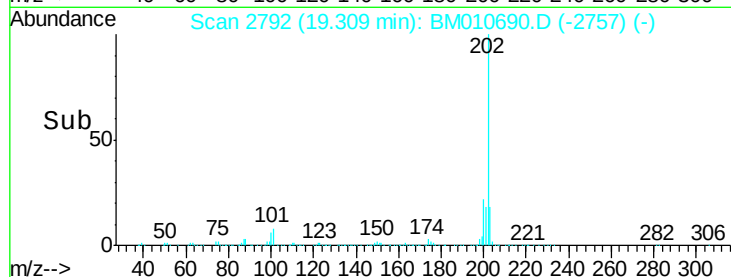
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Benzo(a)anthracene

Concen: 29.14 ng/ul

RT: 21.07 min Scan# 3091

Delta R.T. 0.00 min

Lab File: BM010690.D

Acq: 23 Jun 2017 14:04

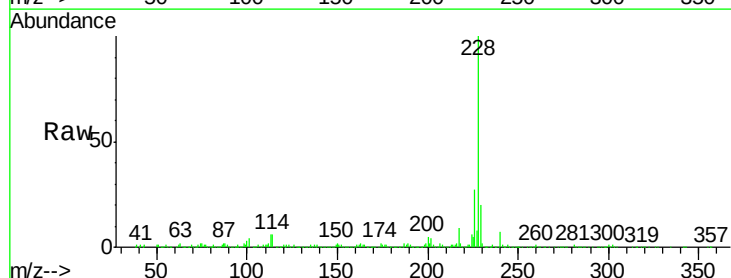
Tgt Ion:228 Resp: 827979

Ion Ratio Lower Upper

228 100

229 19.9 15.4 23.0

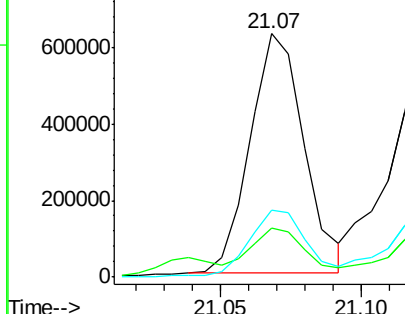
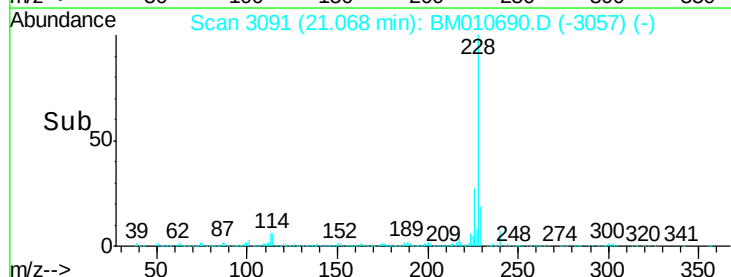
226 27.4 21.4 32.0

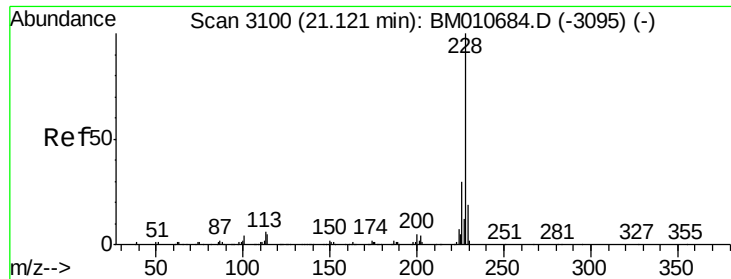


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 32.85 ng/ul

RT: 21.12 min Scan# 3100

Delta R.T. 0.00 min

Lab File: BM010690.D

Acq: 23 Jun 2017 14:04

Instrument :

BNA_M

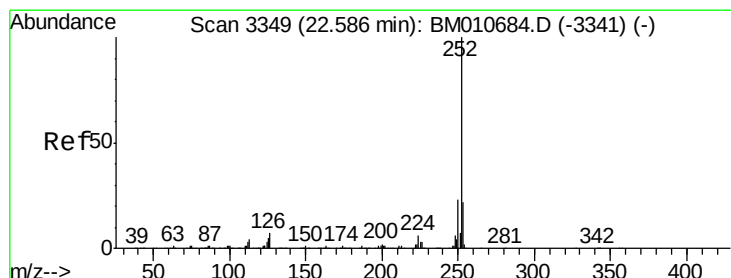
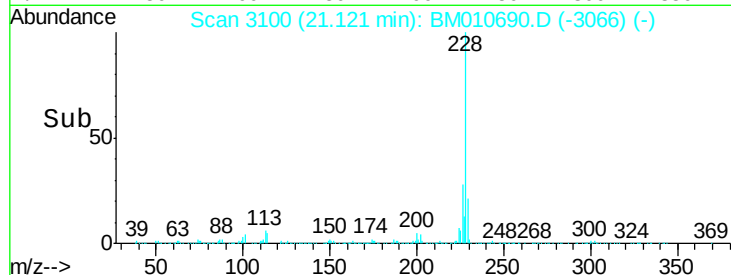
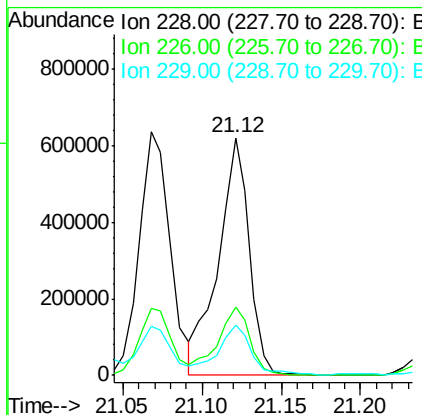
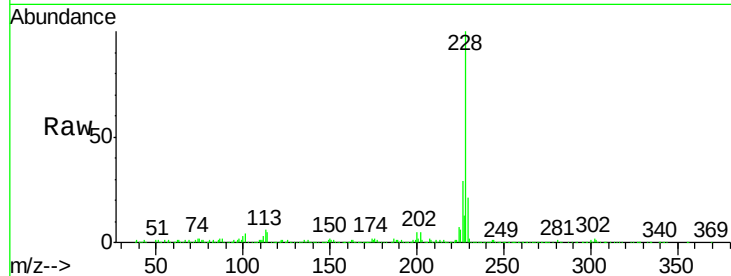
ClientSampleId :

F5D15

Tgt Ion:	228	Resp:	832205
Ion Ratio	Lower	Upper	
228	100		
226	28.6	23.4	35.2
229	21.1	15.5	23.3

Manual Integrations
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#85

Benzo(b)fluoranthene

Concen: 41.71 ng/ul

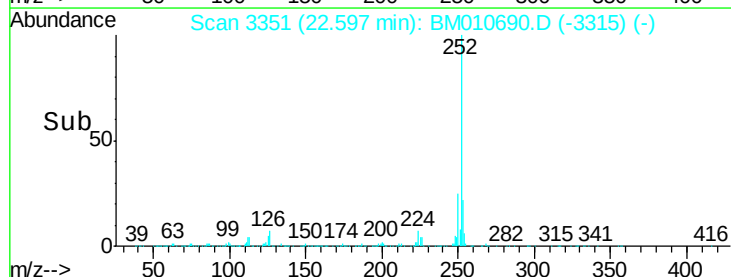
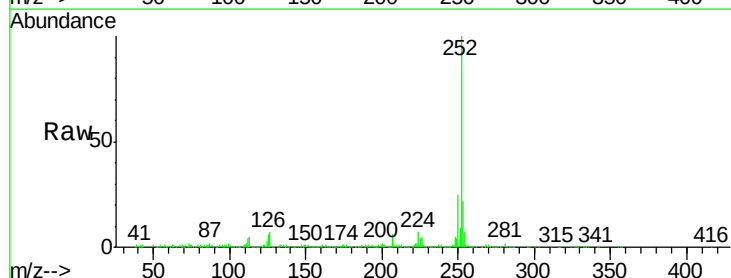
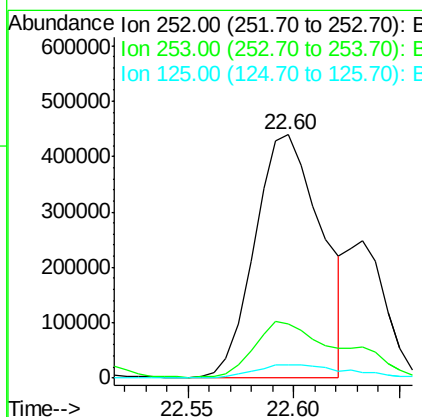
RT: 22.60 min Scan# 3351

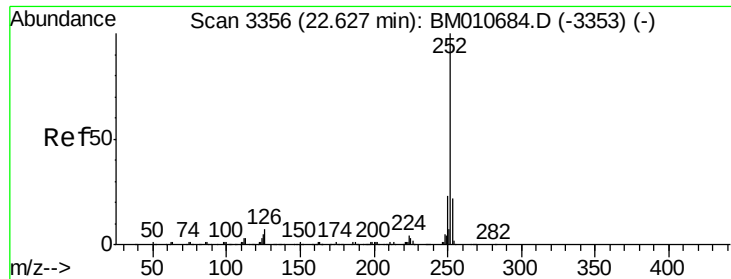
Delta R.T. 0.01 min

Lab File: BM010690.D

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Tgt Ion:	252	Resp:	957099
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.9	26.9
125	5.7	3.6	5.4#





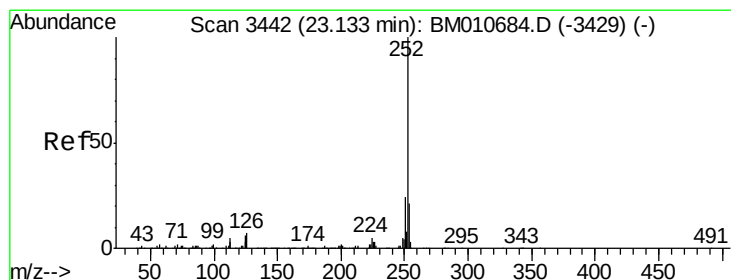
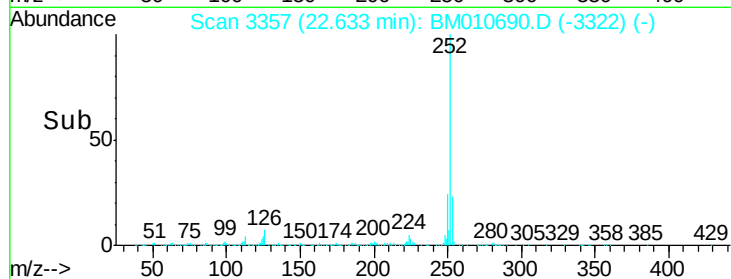
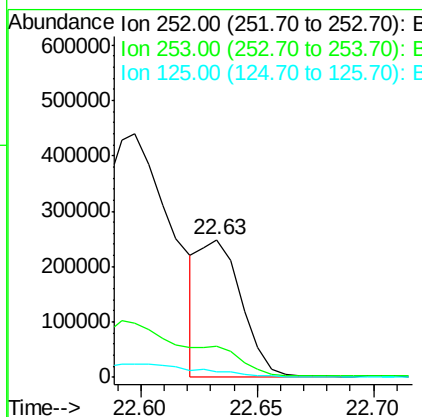
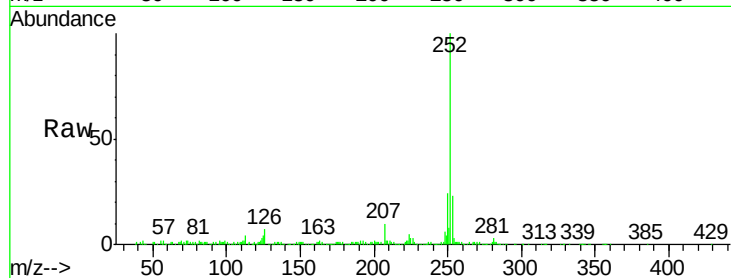
#86
Benzo(k)fluoranthene
Concen: 14.47 ng/ul m
RT: 22.63 min Scan# 3357
Delta R.T. 0.01 min
Lab File: BM010690.D
Acq: 23 Jun 2017 14:04

Instrument :
BNA_M
ClientSampled :
F5D15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	4.4	3.4	5.2

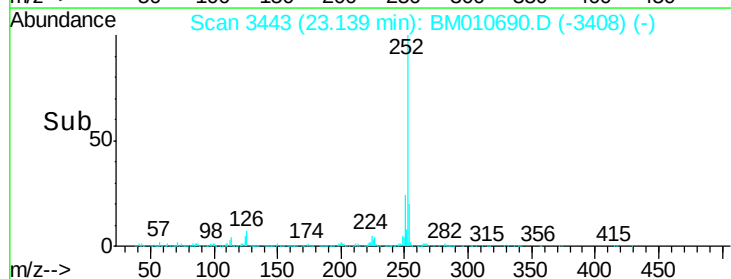
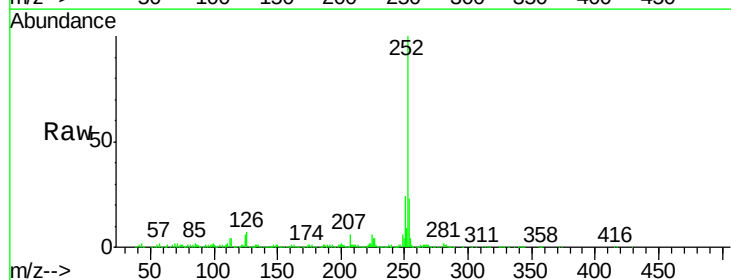
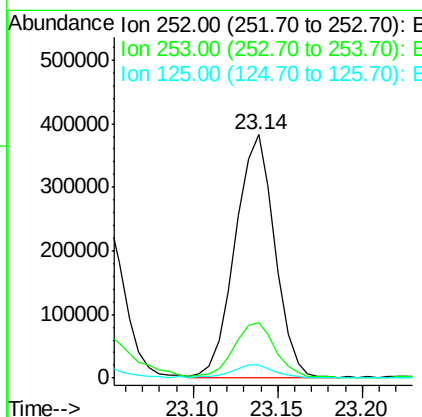
Manual Integrations
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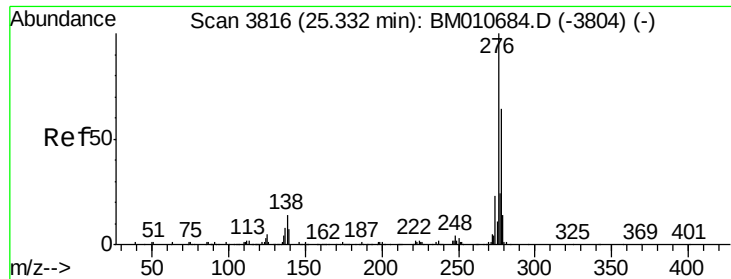
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#88
Benzo(a)pyrene
Concen: 29.43 ng/ul
RT: 23.14 min Scan# 3443
Delta R.T. 0.01 min
Lab File: BM010690.D
Acq: 23 Jun 2017 14:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.0	18.2	27.2
125	5.6	4.0	6.0





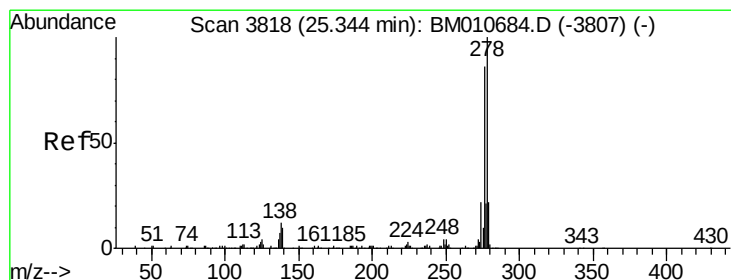
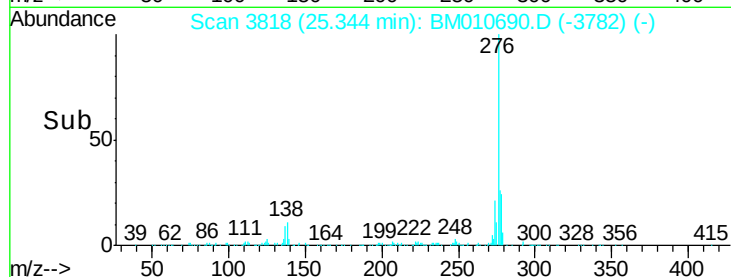
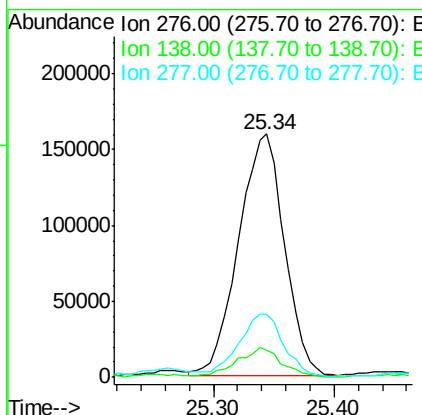
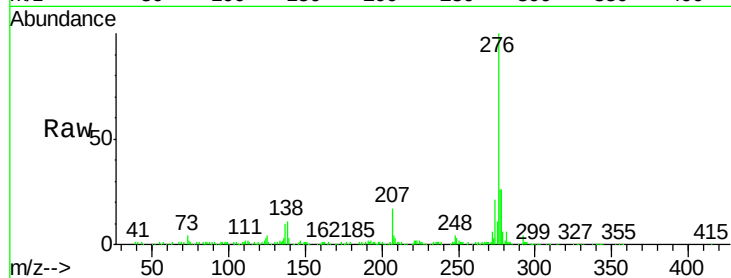
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 19.14 ng/ul
 RT: 25.34 min Scan# 3818
 Delta R.T. 0.01 min
 Lab File: BM010690.D
 Acq: 23 Jun 2017 14:04

Instrument :
 BNA_M
 ClientSampleId :
 F5D15

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.4	9.3	13.9
277	26.0	19.9	29.9

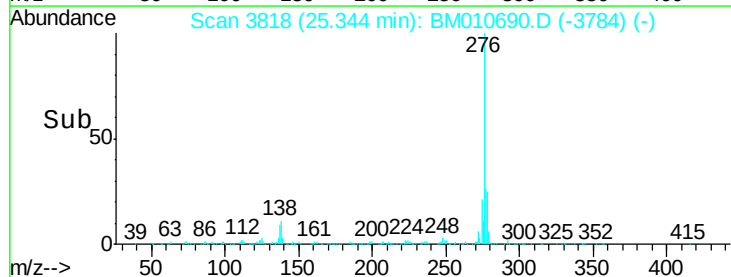
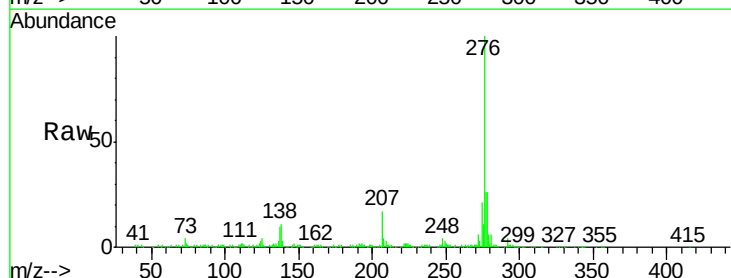
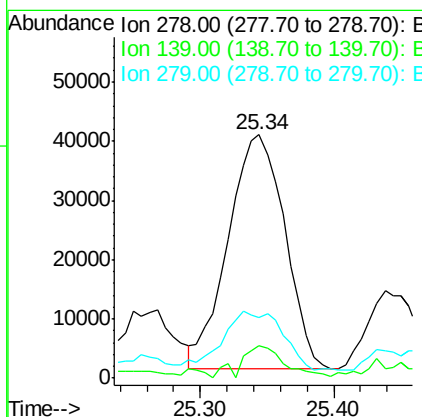
Manual Integrations
 APPROVED

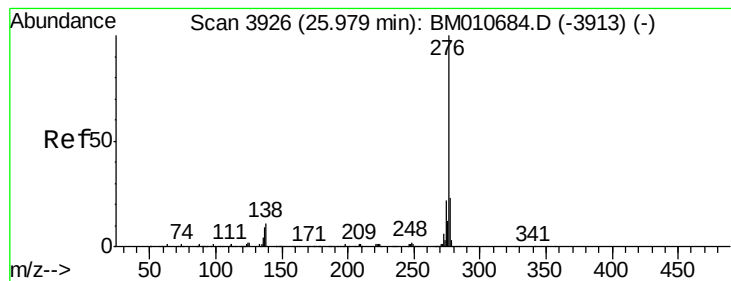
mohammad
 6/27/2017 5:02:34 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 6.41 ng/ul
 RT: 25.34 min Scan# 3818
 Delta R.T. 0.00 min
 Lab File: BM010690.D
 Acq: 23 Jun 2017 14:04

Tgt Ion	Ratio	Lower	Upper
278	100		
139	13.2	5.8	8.8#
279	25.1	18.6	27.8





#91

Benzo(g,h,i)perylene

Concen: 20.31 ng/ul

RT: 25.99 min Scan# 3927

Delta R.T. 0.01 min

Lab File: BM010690.D

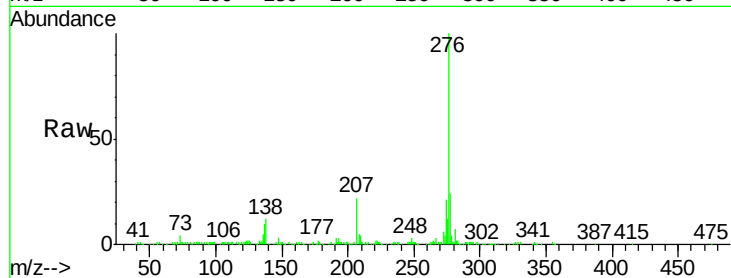
Acq: 23 Jun 2017 14:04

Instrument :

BNA_M

ClientSampleId :

F5D15



Tgt Ion: 276 Resp: 354345

Ion Ratio Lower Upper

276 100

138 11.9 8.5 12.7

277 24.2 18.6 28.0

Manual Integrations
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6/27/2017 5:02:34 PM

