

Data File : BM010698.D
Acq On : 23 Jun 2017 20:02
Operator : SJ/JU
Sample : I3625-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B82

Manual Integrations
APPROVED

mohammad
6/27/2017 5:03:00 PM

Quant Time: Jun 24 04:56:41 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 24 04:37:39 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	71150	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	327603	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	220250	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	507920	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	562648	20.00	ng/ul	0.00
83) Perylene-d12	23.23	264	423712	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.08	96	6370	5.13	ng/uL	0.00
5) Phenol-d5	6.65	99	168275	24.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	100303	25.92	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	132551	27.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	159556	28.39	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	76779	32.86	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	91764	34.08	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	178594	31.50	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	175099	29.31	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	605436	31.31	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	719790	32.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	92909	27.31	ng/ul	0.00
57) Fluorene-d10	15.12	176	526686	31.51	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	97953	31.40	ng/ul	0.00
70) Anthracene-d10	16.97	188	851083m	34.70	ng/ul	0.00
76) Pyrene-d10	19.28	212	1138744	43.57	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.10	264	880855	43.01	ng/ul	0.01

Target Compounds

						Qvalue
6) Phenol	6.67	94	11330	1.62	ng/ul	90
44) Dimethylphthalate	13.58	163	83676	4.42	ng/ul#	96
47) Acenaphthylene	13.83	152	43581	2.03	ng/ul	98
69) Phenanthrene	16.91	178	42802m	1.59	ng/ul	
71) Anthracene	17.00	178	83336	3.00	ng/ul	98
72) Carbazole	17.27	167	34963	1.44	ng/ul#	95
73) Di-n-butylphthalate	17.86	149	74444	2.41	ng/ul	97
74) Fluoranthene	18.94	202	187583	5.39	ng/ul#	97
77) Pyrene	19.30	202	191935	5.91	ng/ul	98
80) Benzo(a)anthracene	21.07	228	161635m	4.93	ng/ul	
82) Chrysene	21.12	228	198483	6.79	ng/ul	96
85) Benzo(b)fluoranthene	22.59	252	403387	14.67	ng/ul#	97
86) Benzo(k)fluoranthene	22.63	252	103364m	3.96	ng/ul	
88) Benzo(a)pyrene	23.13	252	174586	6.89	ng/ul#	92
89) Indeno(1,2,3-cd)pyrene	25.34	276	182596	6.95	ng/ul	97
90) Dibenzo(a,h)anthracene	25.34	278	47377	2.16	ng/ul#	81
91) Benzo(g,h,i)perylene	25.98	276	176350	8.44	ng/ul#	97

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

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Manual Integrations
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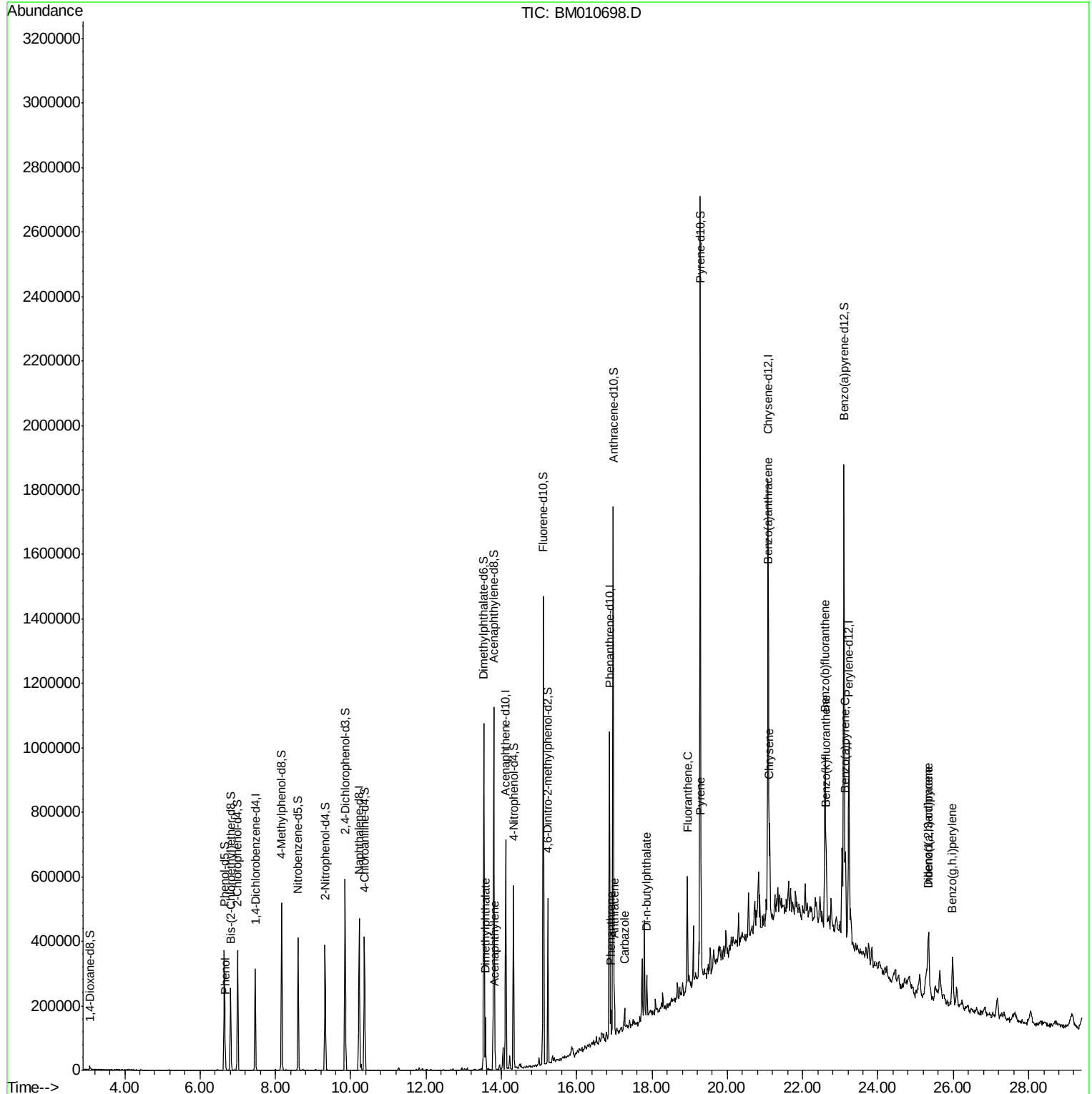
Quant Time: Jun 24 04:56:41 2017

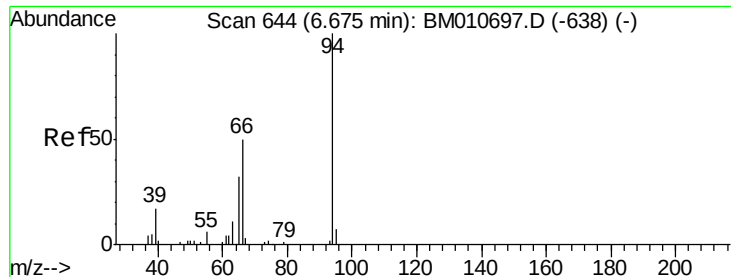
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Sat Jun 24 04:37:39 2017

Response via : Initial Calibration





#6

Phenol

Concen: 1.62 ng/ul

RT: 6.67 min Scan# 643

Delta R.T. -0.01 min

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Acq: 23 Jun 2017 20:02

Instrument :

BNA_M

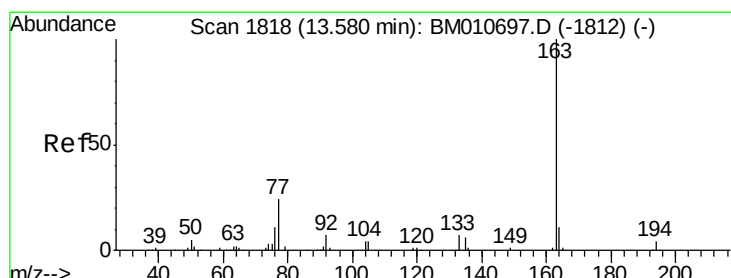
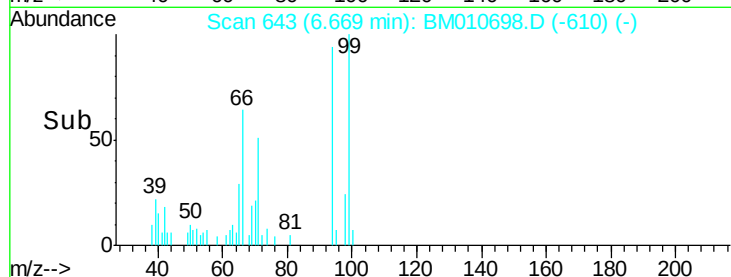
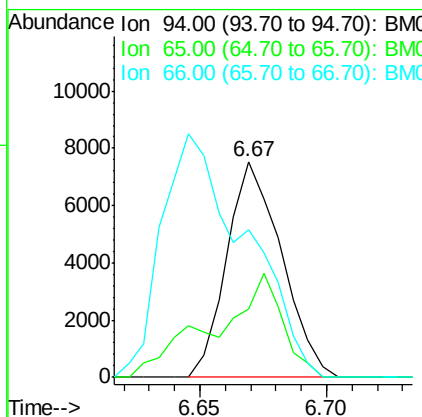
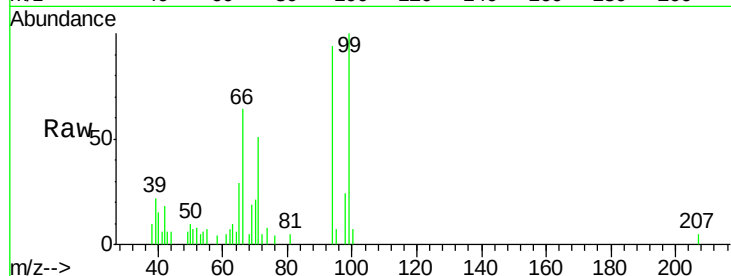
ClientSampled :

F5B82

Tgt Ion:	94	Resp:	11330
Ion	Ratio	Lower	Upper
94	100		
65	31.4	28.2	42.4
66	68.2	47.2	70.8

Manual Integrations
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#44

Dimethylphthalate

Concen: 4.42 ng/ul

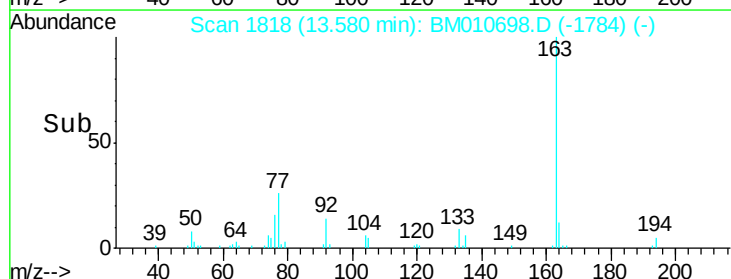
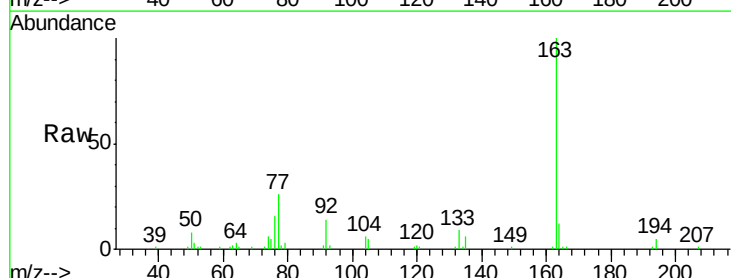
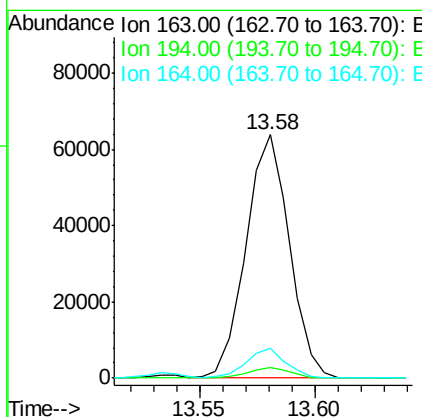
RT: 13.58 min Scan# 1818

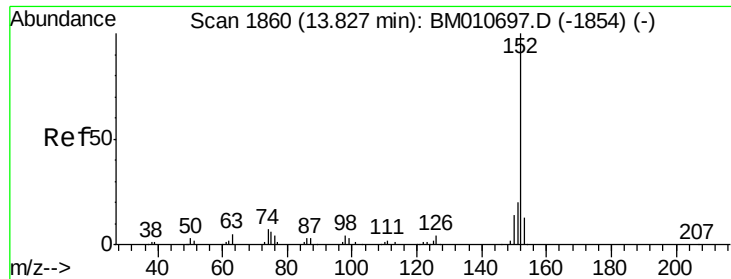
Delta R.T. 0.00 min

Lab File: BM010698.D

Acq: 23 Jun 2017 20:02

Tgt Ion:	163	Resp:	83676
Ion	Ratio	Lower	Upper
163	100		
194	4.5	3.5	5.3
164	12.4	8.2	12.4#





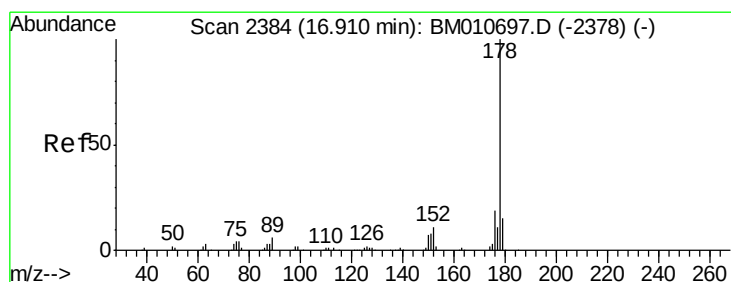
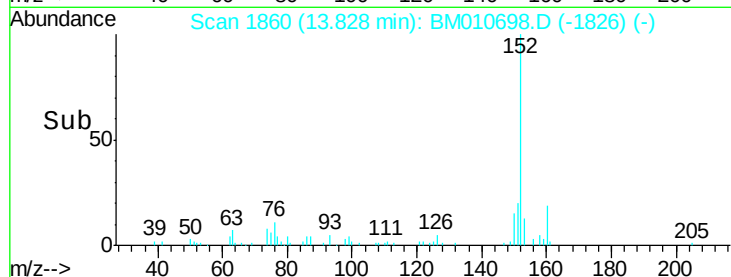
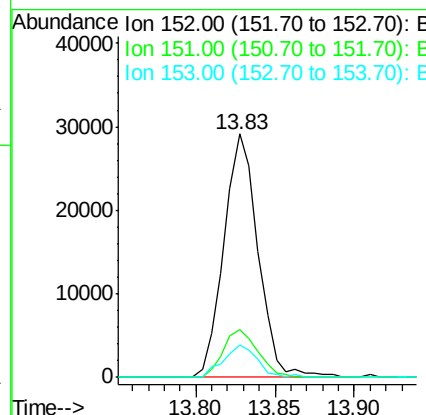
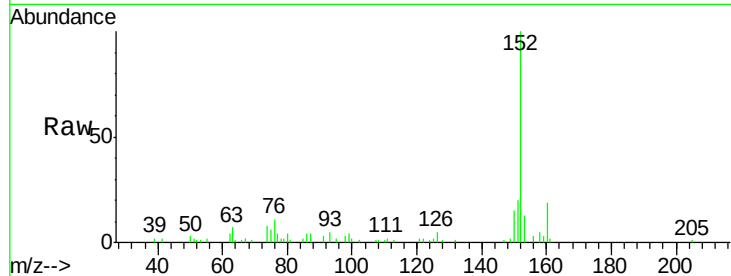
#47
Acenaphthylene
Concen: 2.03 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. 0.00 min
Lab File: BM010698.D
Acq: 23 Jun 2017 20:02

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
152	100	43581		
151	19.7		16.3	24.5
153	13.5		10.2	15.4

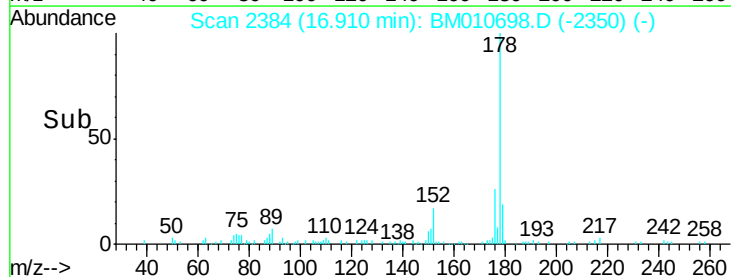
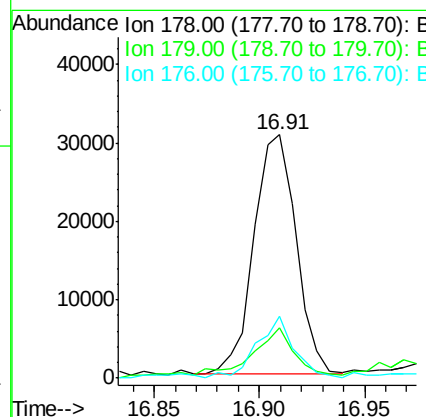
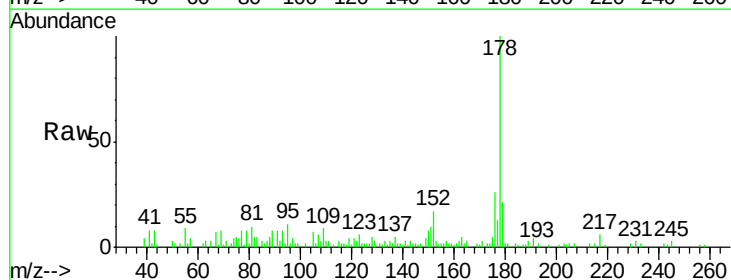
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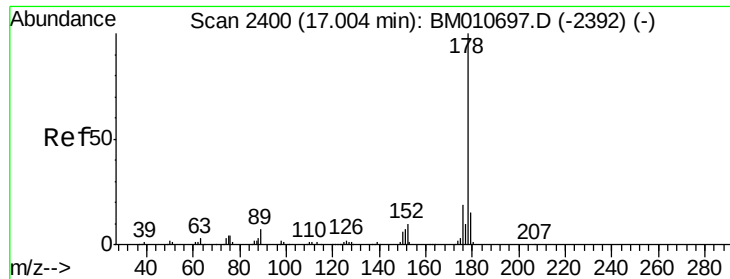
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#69
Phenanthrene
Concen: 1.59 ng/ul m
RT: 16.91 min Scan# 2384
Delta R.T. 0.00 min
Lab File: BM010698.D
Acq: 23 Jun 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	42802		
179	20.8		12.6	19.0#
176	25.6		14.9	22.3#





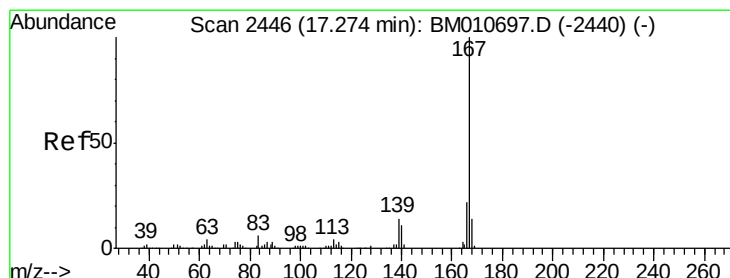
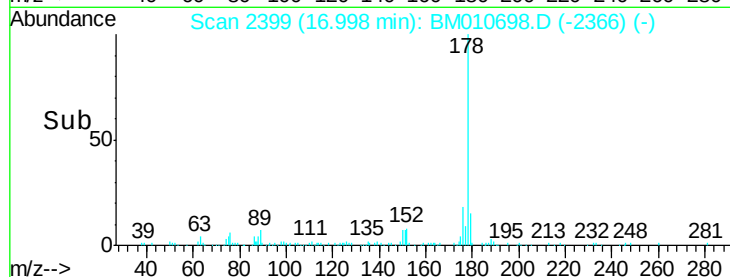
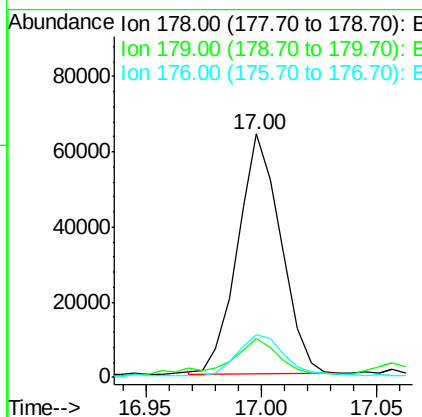
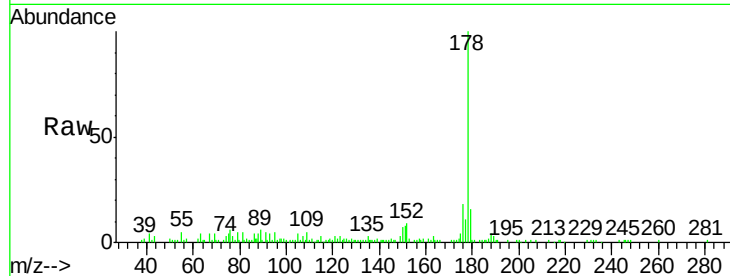
#71
 Anthracene
 Concen: 3.00 ng/ul
 RT: 17.00 min Scan# 2399
 Delta R.T. -0.01 min
 Lab File: BM010698.D
 Acq: 23 Jun 2017 20:02

Instrument :
 BNA_M
 ClientSampleId :
 F5B82

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.9	11.7	17.5
176	17.6	14.6	21.8

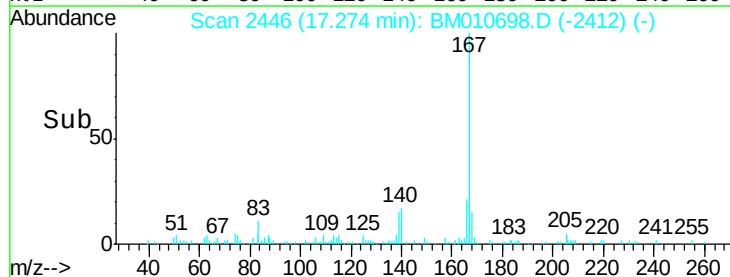
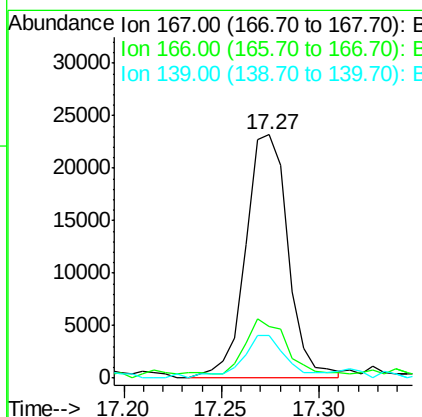
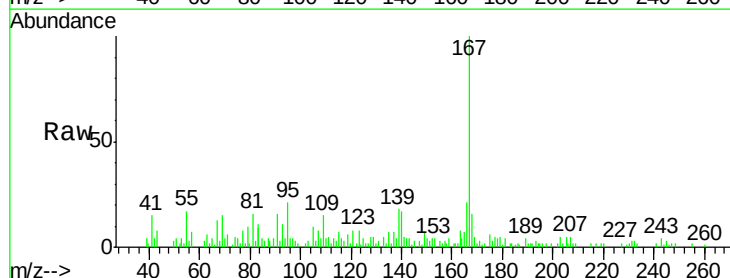
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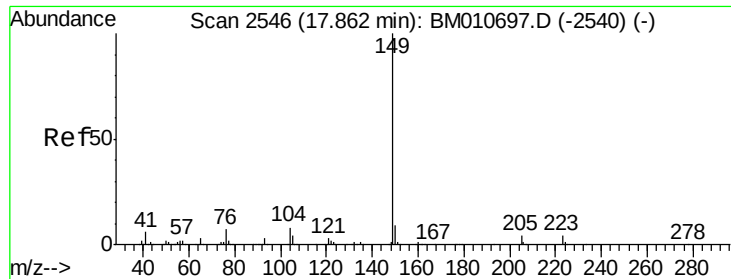
mohammad
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#72
 Carbazole
 Concen: 1.44 ng/ul
 RT: 17.27 min Scan# 2446
 Delta R.T. 0.00 min
 Lab File: BM010698.D
 Acq: 23 Jun 2017 20:02

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	17.1	25.7
139	17.7	10.0	15.0#





#73

Di-n-butylphthalate

Concen: 2.41 ng/ul

RT: 17.86 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BM010698.D

Acq: 23 Jun 2017 20:02

Instrument :

BNA_M

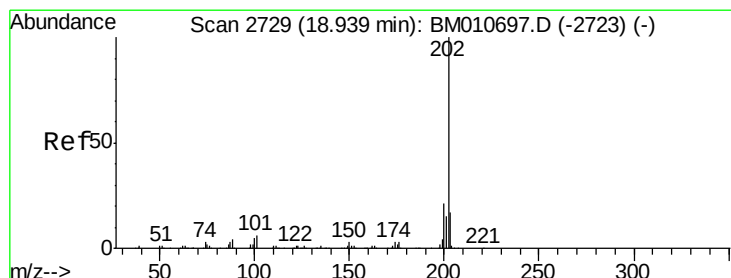
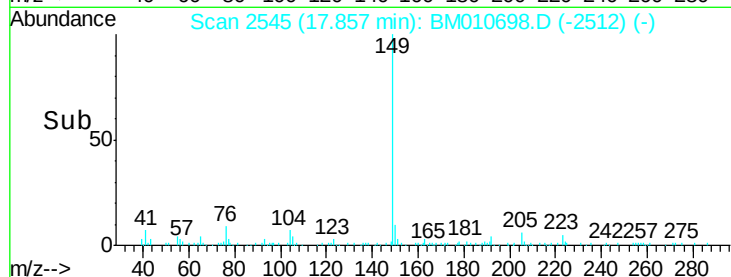
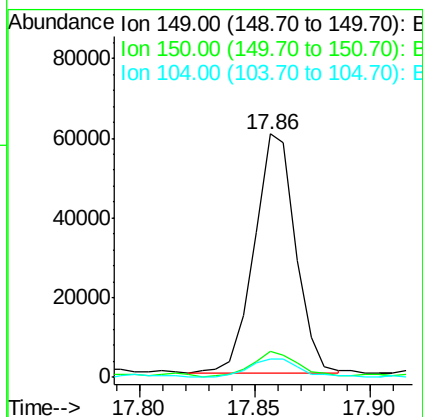
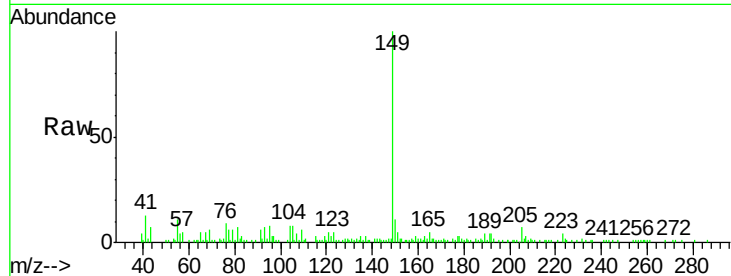
ClientSampleId :

F5B82

Tgt Ion:	149	Resp:	74444
Ion Ratio	Lower	Upper	
149	100		
150	10.7	7.1	10.7
104	7.5	5.6	8.4

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#74

Fluoranthene

Concen: 5.39 ng/ul

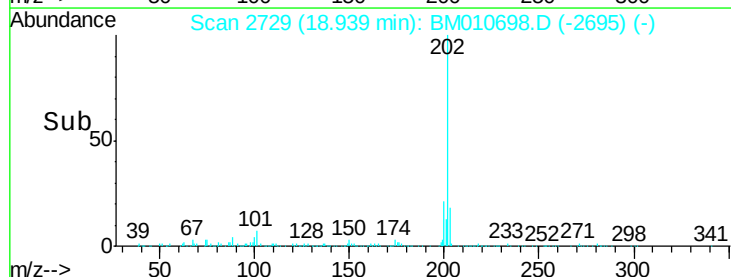
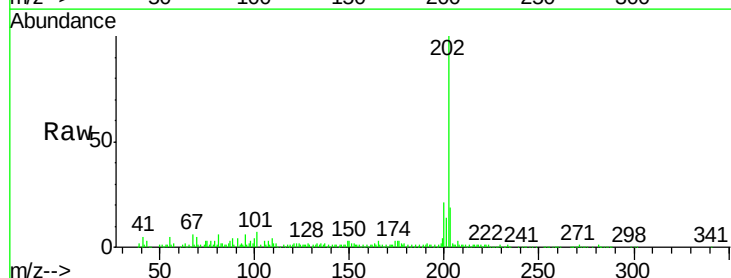
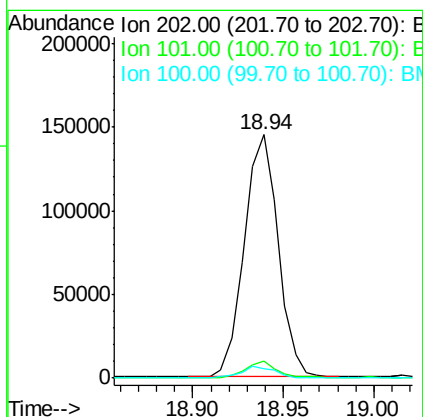
RT: 18.94 min Scan# 2729

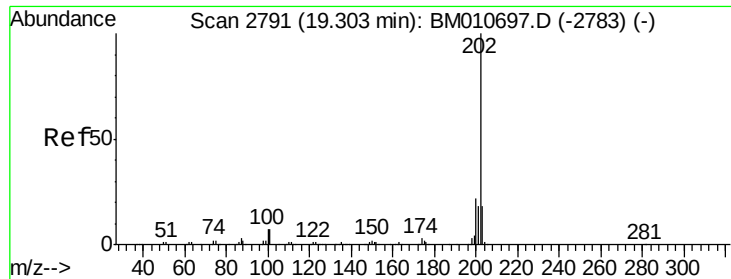
Delta R.T. 0.00 min

Lab File: BM010698.D

Acq: 23 Jun 2017 20:02

Tgt Ion:	202	Resp:	187583
Ion Ratio	Lower	Upper	
202	100		
101	7.0	4.6	7.0#
100	3.7	3.4	5.2





#77

Pyrene

Concen: 5.91 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. 0.00 min

Lab File: BM010698.D

Acq: 23 Jun 2017 20:02

Instrument :

BNA_M

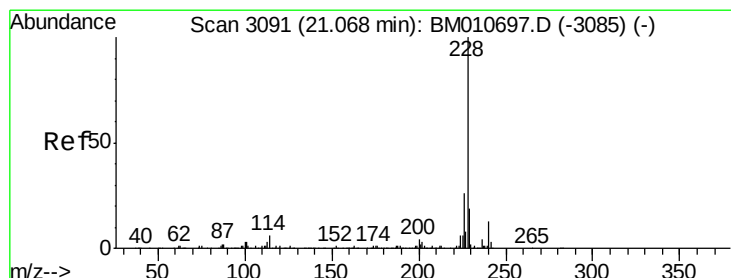
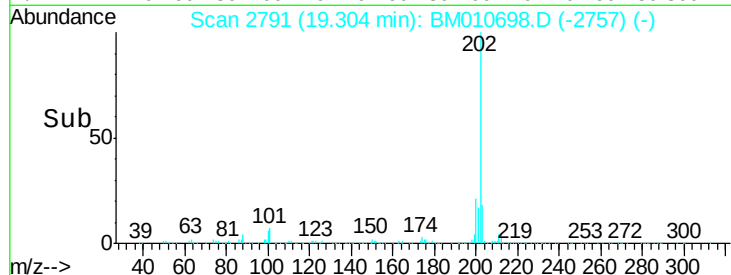
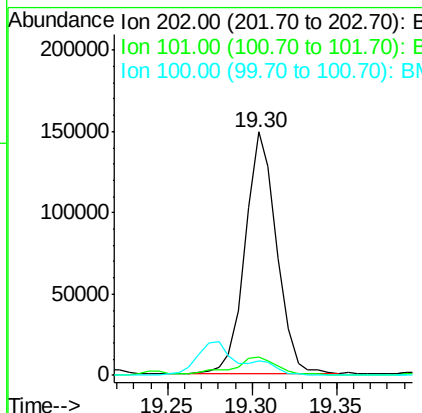
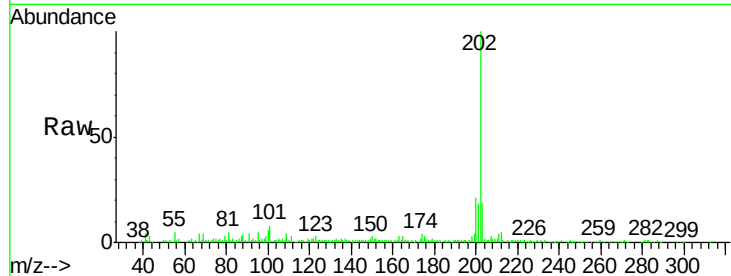
ClientSampleId :

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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.6	5.1	7.7
100	5.9	4.9	7.3

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#80

Benzo(a)anthracene

Concen: 4.93 ng/ul m

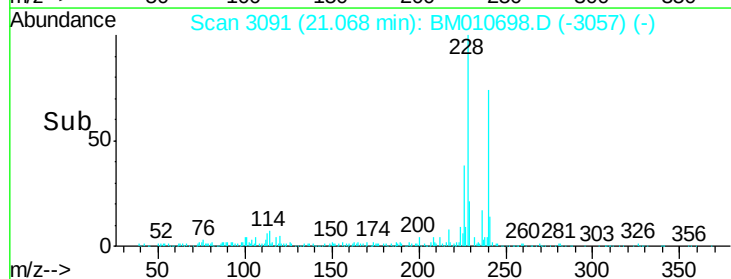
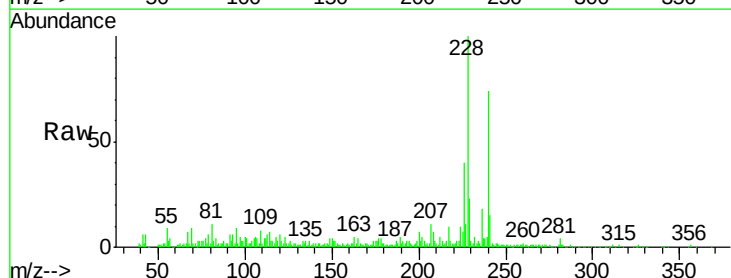
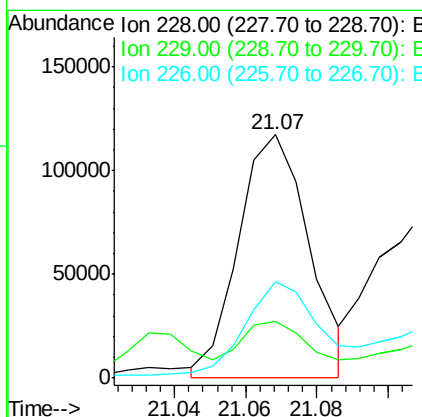
RT: 21.07 min Scan# 3091

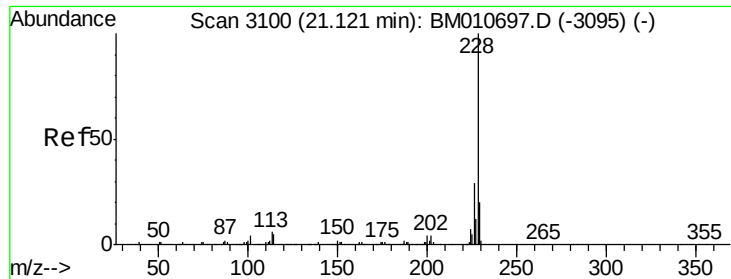
Delta R.T. 0.00 min

Lab File: BM010698.D

Acq: 23 Jun 2017 20:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.4	15.4	23.0#
226	39.6	21.4	32.0#





#82

Chrysene

Concen: 6.79 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM010698.D

Acq: 23 Jun 2017 20:02

Instrument :

BNA_M

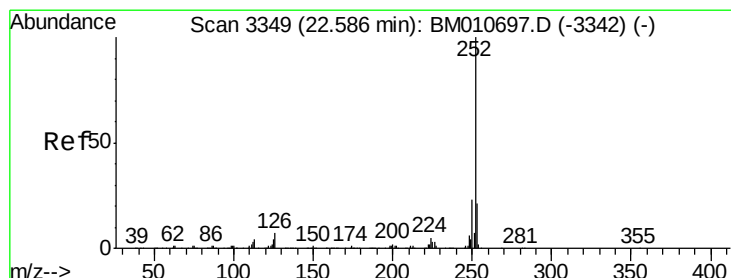
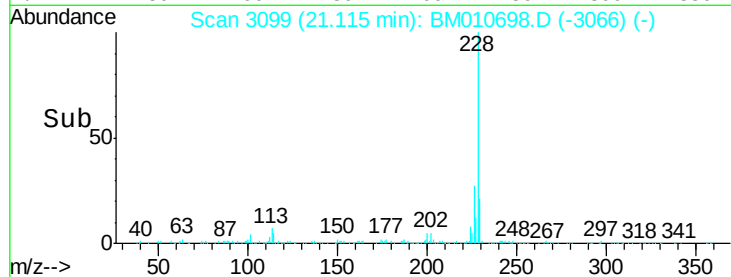
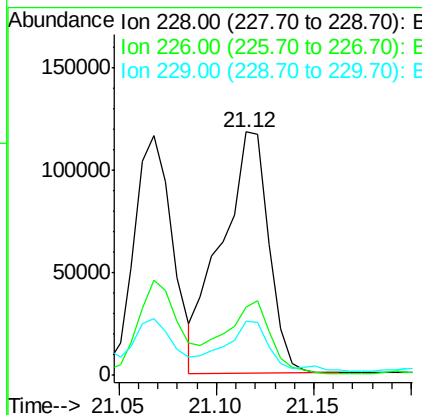
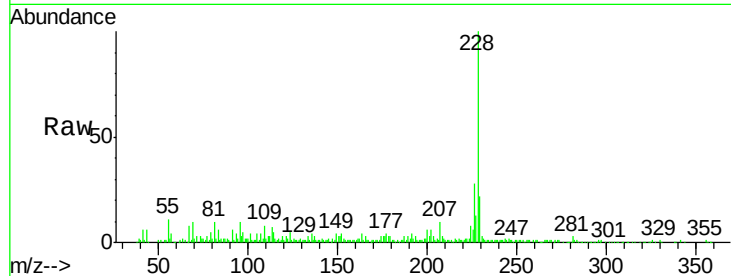
ClientSampleId :

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Tgt Ion:	228	Resp:	198483
Ion Ratio	Lower	Upper	
228	100		
226	27.8	23.4	35.2
229	22.2	15.5	23.3

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#85

Benzo(b)fluoranthene

Concen: 14.67 ng/ul

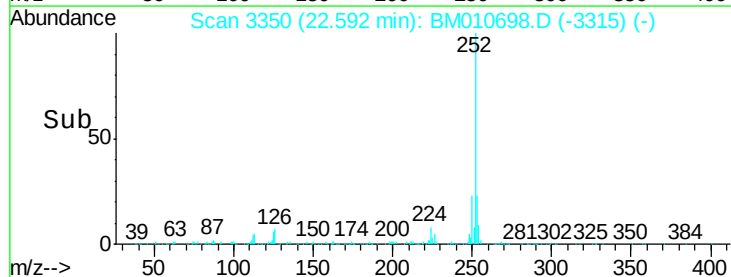
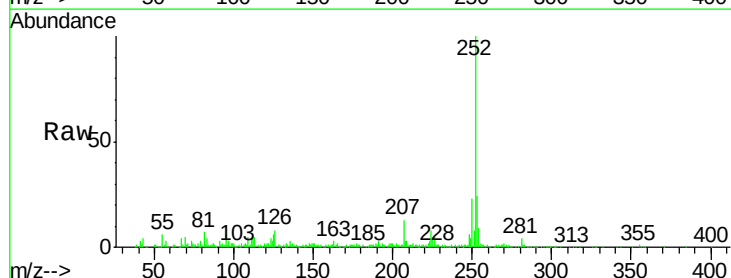
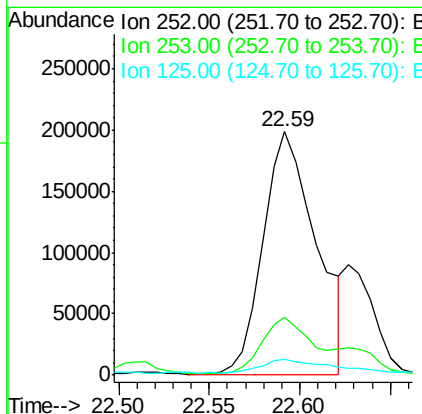
RT: 22.59 min Scan# 3350

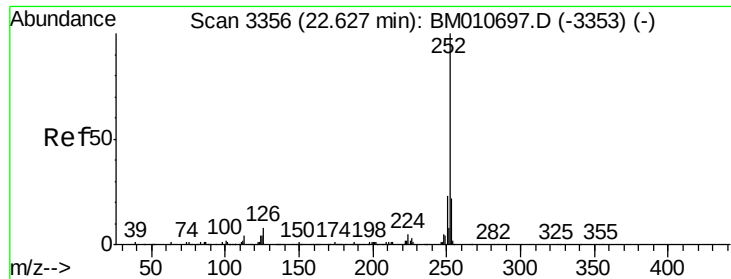
Delta R.T. 0.01 min

Lab File: BM010698.D

Acq: 23 Jun 2017 20:02

Tgt Ion:	252	Resp:	403387
Ion Ratio	Lower	Upper	
252	100		
253	23.6	17.9	26.9
125	6.3	3.6	5.4#





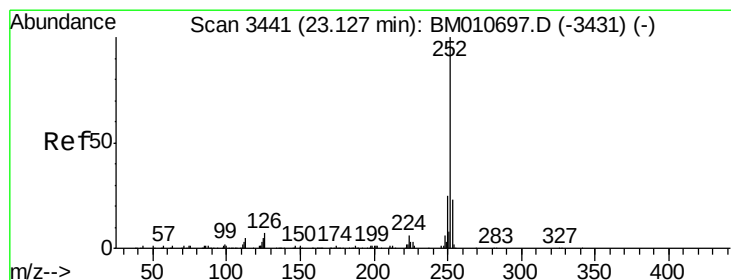
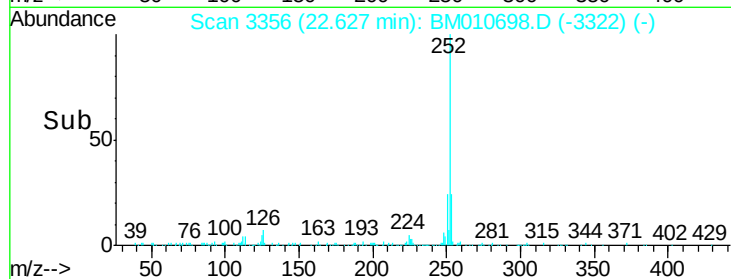
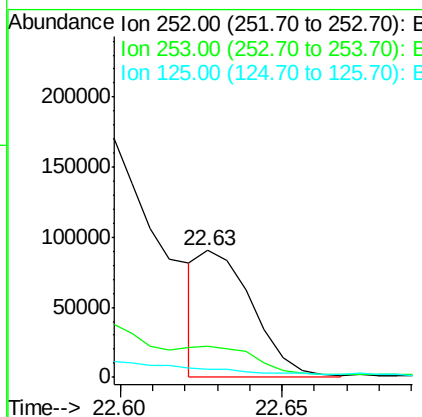
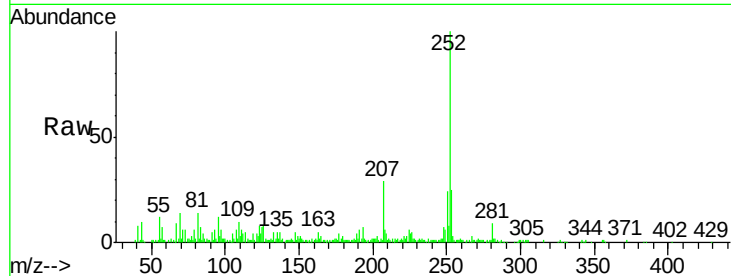
#86
Benzo(k)fluoranthene
Concen: 3.96 ng/ul m
RT: 22.63 min Scan# 3356
Delta R.T. 0.00 min
Lab File: BM010698.D
Acq: 23 Jun 2017 20:02

Instrument :
BNA_M
ClientSampled :
F5B82

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.0	17.1	25.7
125	6.6	3.4	5.2#

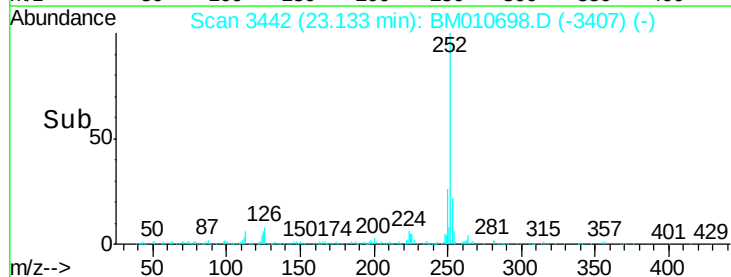
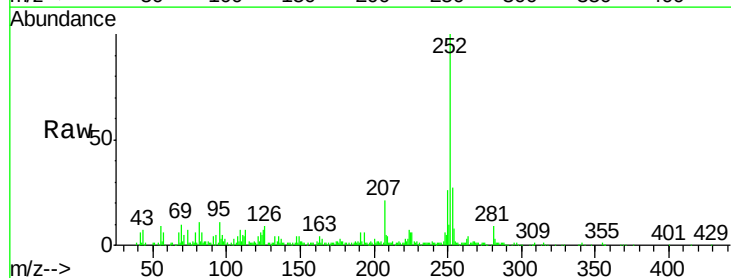
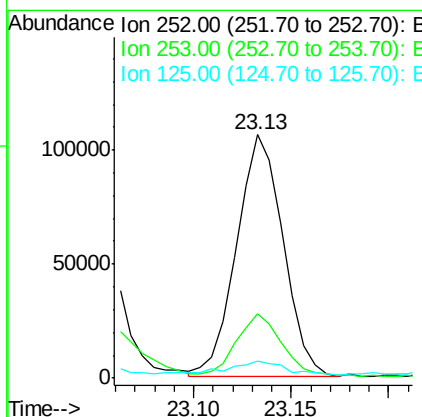
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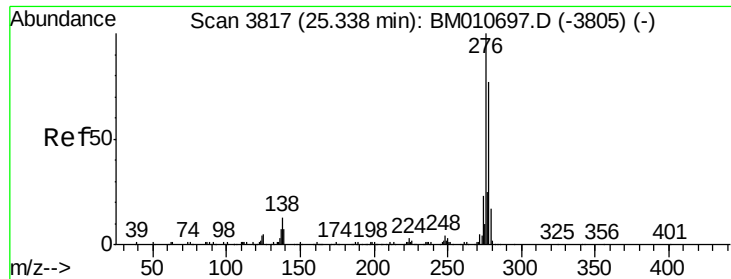
mohammad
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#88
Benzo(a)pyrene
Concen: 6.89 ng/ul
RT: 23.13 min Scan# 3442
Delta R.T. 0.01 min
Lab File: BM010698.D
Acq: 23 Jun 2017 20:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.6	18.2	27.2
125	6.9	4.0	6.0#





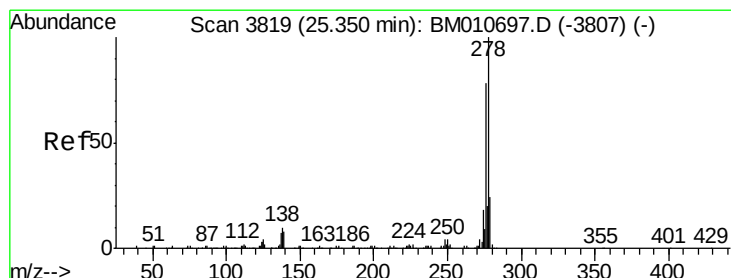
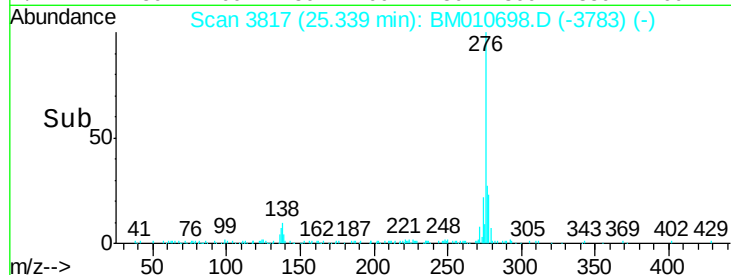
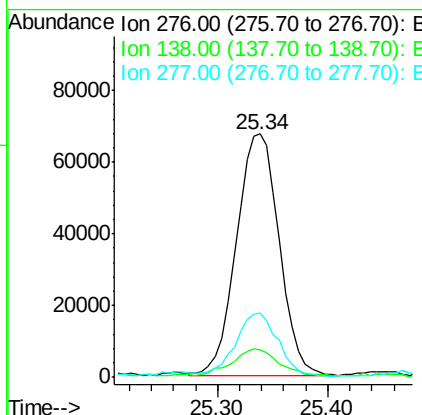
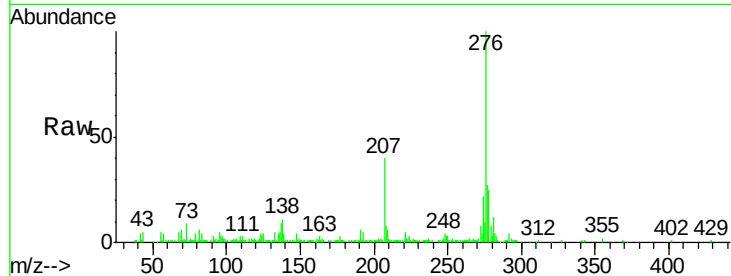
#89
 Indeno(1,2,3-cd)pyrene
 Concen: 6.95 ng/ul
 RT: 25.34 min Scan# 3817
 Delta R.T. 0.00 min
 Lab File: BM010698.D
 Acq: 23 Jun 2017 20:02

Instrument :
 BNA_M
 ClientSampleId :
 F5B82

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	182596		
138	11.1	9.3	13.9	
277	26.5	19.9	29.9	

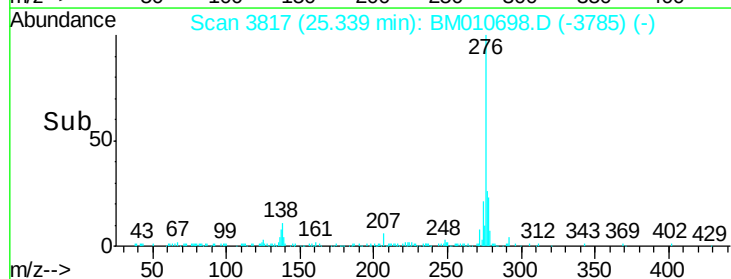
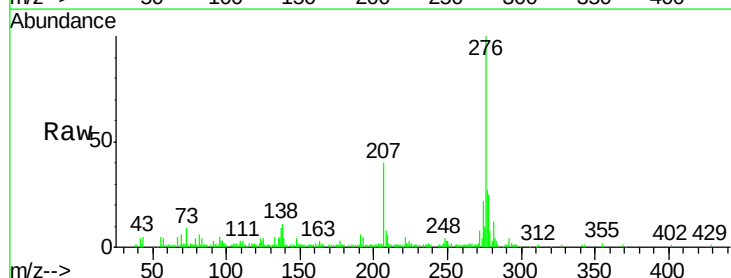
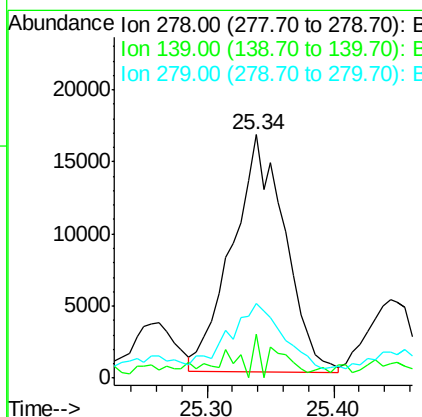
Manual Integrations
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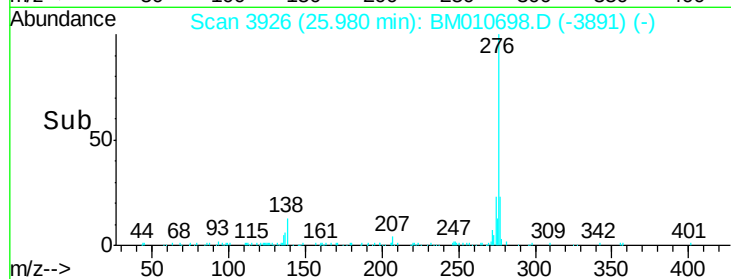
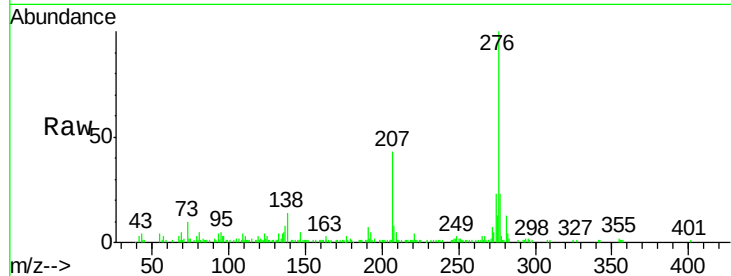
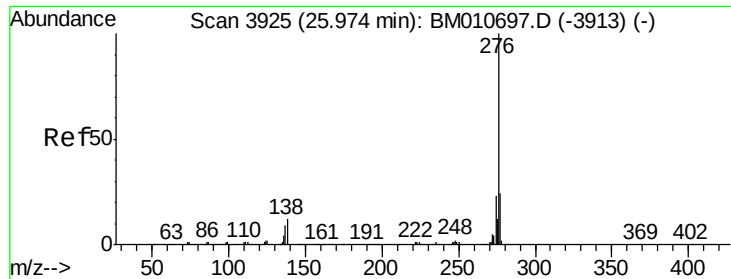
mohammad
 6/27/2017 5:03:00 PM



#90
 Dibenzo(a,h)anthracene
 Concen: 2.16 ng/ul
 RT: 25.34 min Scan# 3817
 Delta R.T. -0.01 min
 Lab File: BM010698.D
 Acq: 23 Jun 2017 20:02

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	47377		
139	18.1	5.8	8.8#	
279	30.7	18.6	27.8#	





#91

Benzo(g,h,i)perylene

Concen: 8.44 ng/ul

RT: 25.98 min Scan# 3926

Delta R.T. 0.01 min

Lab File: BM010698.D

Acq: 23 Jun 2017 20:02

Tgt Ion:	276	Resp:	176350
Ion Ratio		Lower	Upper
276	100		
138	13.6	8.5	12.7#
277	23.0	18.6	28.0

Instrument :

BNA_M

ClientSampleId :

F5B82

Manual Integrations
APPROVED

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