

Data File : BM010693.D
Acq On : 23 Jun 2017 17:01
Operator : SJ/JU
Sample : I3599-13ME 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Manual Integrations
APPROVED

mohammad
6/27/2017 5:02:41 PM

Quant Time: Jun 24 04:20:04 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	68511	20.00	ng/ul	0.00
18) Naphthalene-d8	10.23	136	317806	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	222983	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	541539	20.00	ng/ul	0.00
75) Chrysene-d12	21.09	240	603506	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	459642	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	1059	0.89	ng/uL	0.00
5) Phenol-d5	6.65	99	23241	3.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	14210	3.81	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	18201	3.98	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	19027	3.52	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	9770	4.31	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	11058	4.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	22078	4.01	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	30281	5.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	84390	4.31	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	96061	4.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	9743	2.83	ng/ul	0.00
57) Fluorene-d10	15.12	176	74516	4.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	9899	2.98	ng/ul	0.00
70) Anthracene-d10	16.97	188	116259m	4.45	ng/ul	0.00
76) Pyrene-d10	19.27	212	138173	4.93	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.09	264	95358	4.29	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.29	128	7307096	462.02	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	1448254	113.92	ng/ul	96
40) 1,1'-Biphenyl	12.94	154	345158	19.80	ng/ul	97
44) Dimethylphthalate	13.58	163	22598	1.18	ng/ul#	96
47) Acenaphthylene	13.83	152	76647	3.53	ng/ul#	90
49) Acenaphthene	14.18	153	1024453	70.03	ng/ul	97
53) Dibenzofuran	14.52	168	1197084	54.03	ng/ul	93
58) Fluorene	15.17	166	1187972	64.05	ng/ul	99
69) Phenanthrene	16.92	178	5493157	190.80	ng/ul	99
71) Anthracene	17.00	178	753415	25.40	ng/ul	97
72) Carbazole	17.27	167	347696	13.44	ng/ul#	97
74) Fluoranthene	18.94	202	3303866	89.04	ng/ul#	96
77) Pyrene	19.31	202	2153006	61.76	ng/ul	98
80) Benzo(a)anthracene	21.07	228	663198	18.87	ng/ul	97
82) Chrysene	21.12	228	471035	15.03	ng/ul	97
85) Benzo(b)fluoranthene	22.59	252	298052	9.99	ng/ul	99
86) Benzo(k)fluoranthene	22.63	252	102867m	3.64	ng/ul	
88) Benzo(a)pyrene	23.13	252	167369	6.09	ng/ul	95
89) Indeno(1,2,3-cd)pyrene	25.33	276	51444	1.81	ng/ul#	88
91) Benzo(g,h,i)perylene	25.97	276	35195	1.55	ng/ul#	93

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

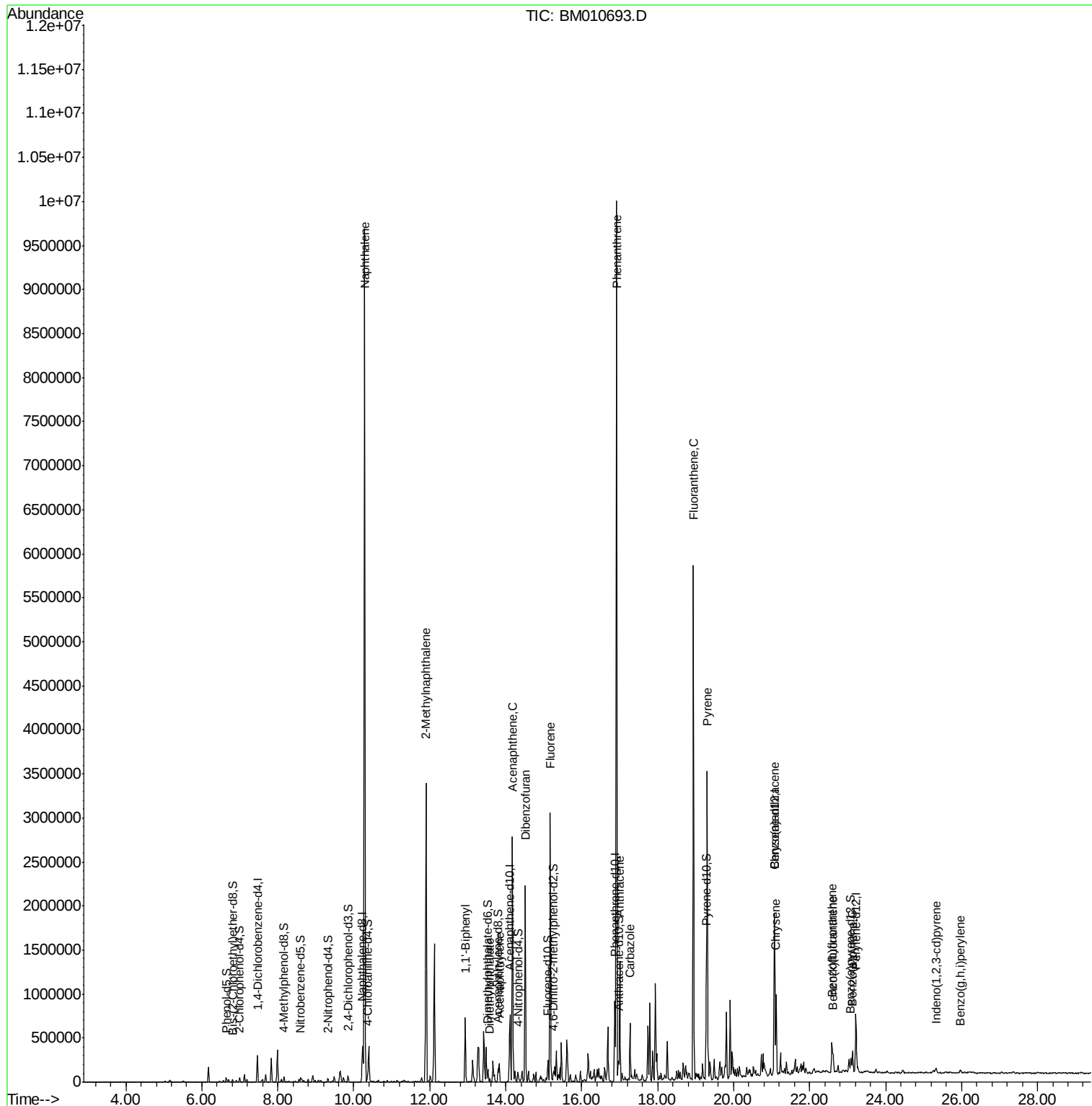
Data File : BM010693.D
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ALS Vial : 11 Sample Multiplier: 1

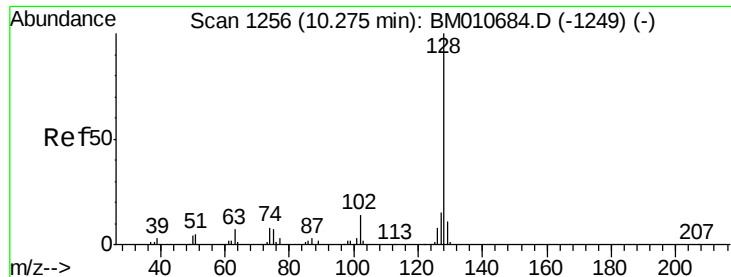
Instrument :
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Quant Title : SVOA CALIBRATION
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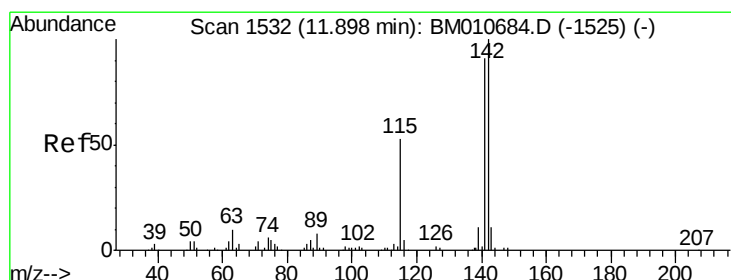
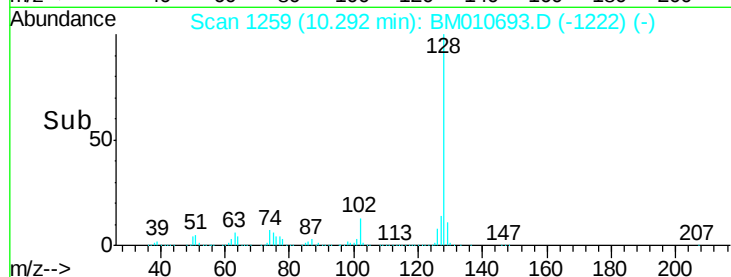
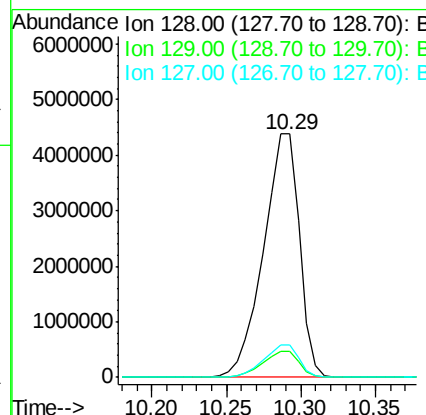
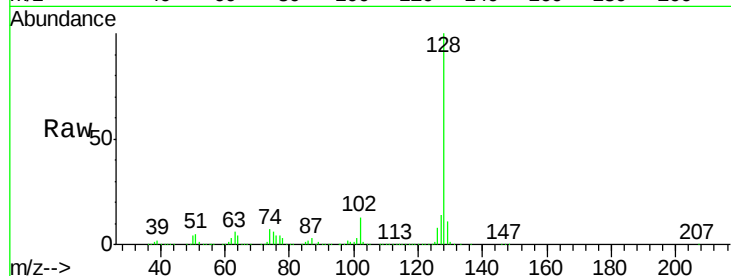
#28
Naphthalene
Concen: 462.02 ng/ul
RT: 10.29 min Scan# 1259
Delta R.T. 0.02 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.7	8.8	13.2
127	13.6	10.6	16.0

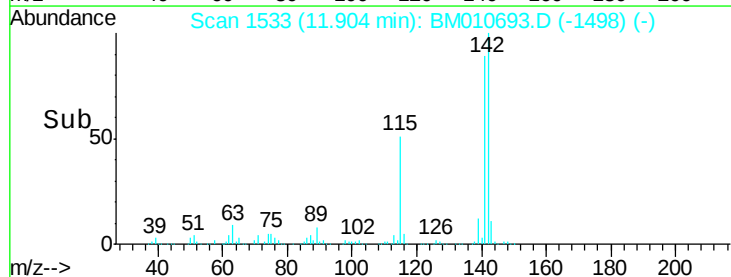
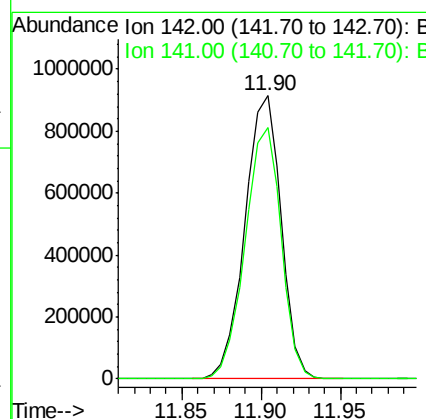
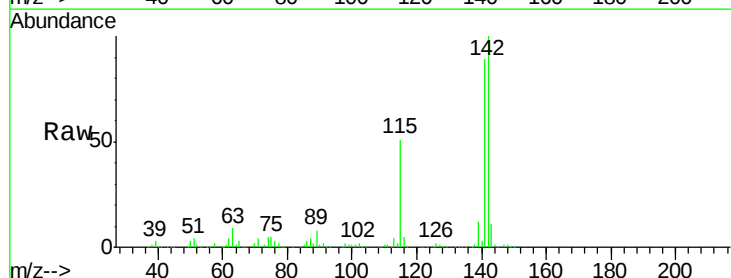
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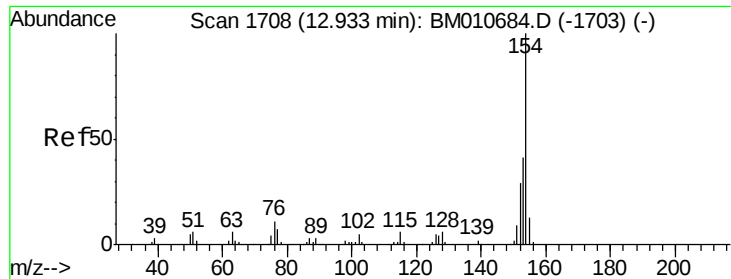
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#34
2-Methylnaphthalene
Concen: 113.92 ng/ul
RT: 11.90 min Scan# 1533
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion	Ratio	Lower	Upper
142	100		
141	89.0	74.1	111.1





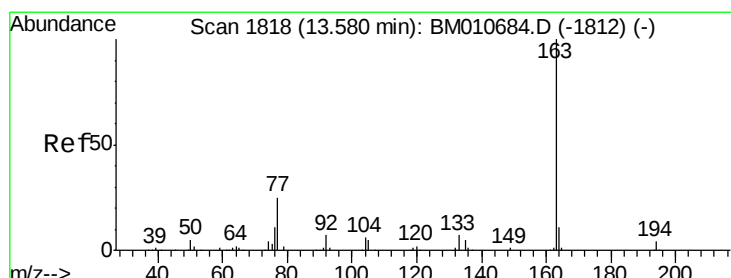
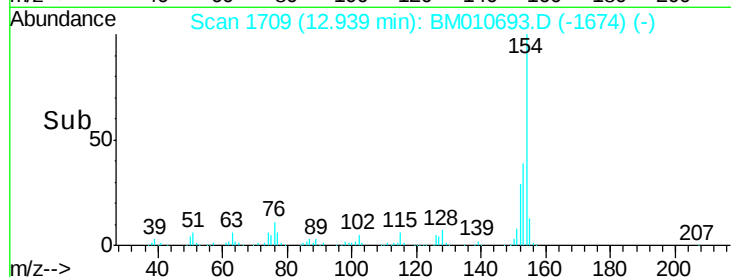
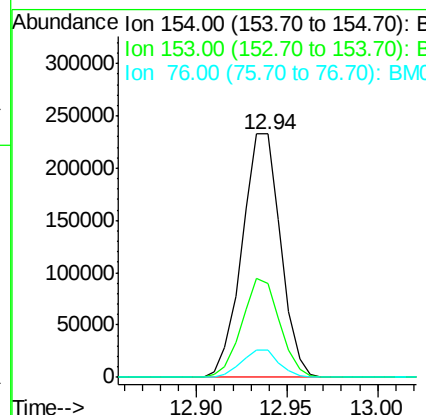
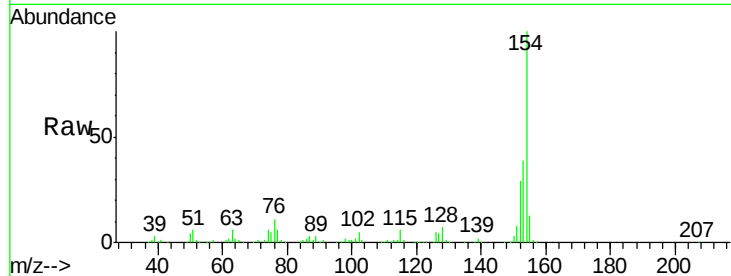
#40
 1,1'-Biphenyl
 Concen: 19.80 ng/ul
 RT: 12.94 min Scan# 1709
 Delta R.T. 0.01 min
 Lab File: BM010693.D
 Acq: 23 Jun 2017 17:01

Instrument :
 BNA_M
 ClientSampleId :
 F5B27ME

Tgt Ion	Ratio	Resp Lower	Resp Upper
154	100		
153	38.6	32.6	48.8
76	11.2	8.5	12.7

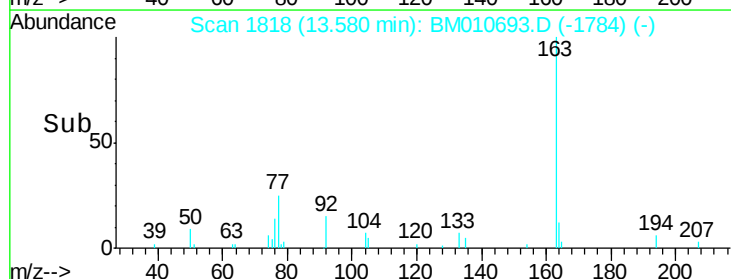
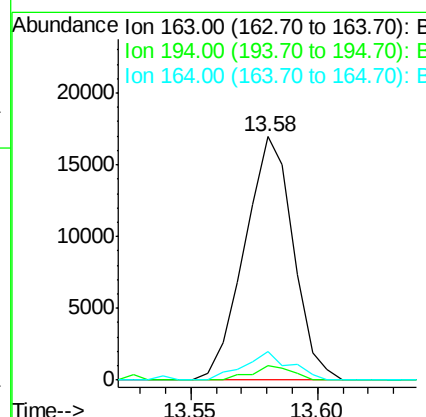
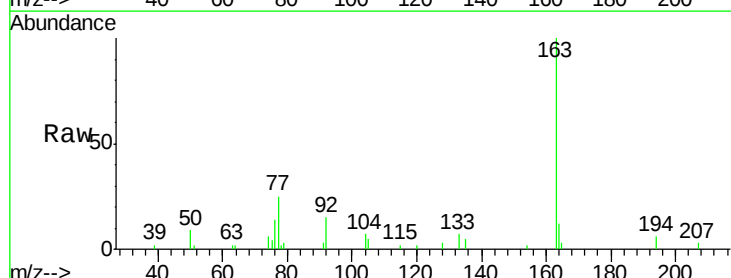
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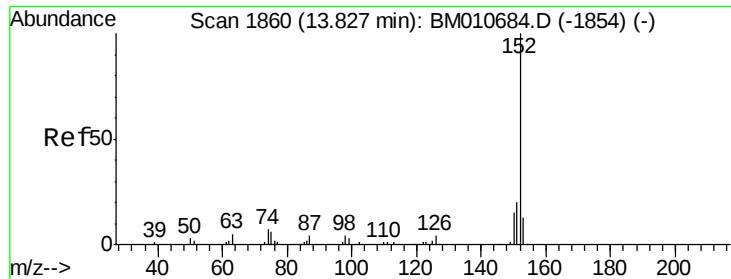
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#44
 Dimethylphthalate
 Concen: 1.18 ng/ul
 RT: 13.58 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BM010693.D
 Acq: 23 Jun 2017 17:01

Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	5.8	3.5	5.3#
164	11.6	8.2	12.4





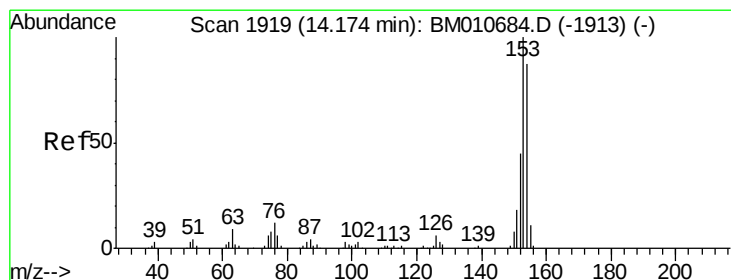
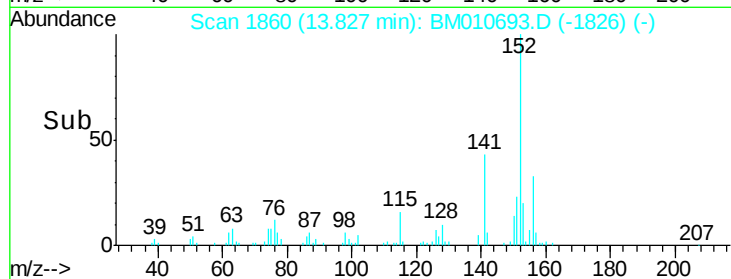
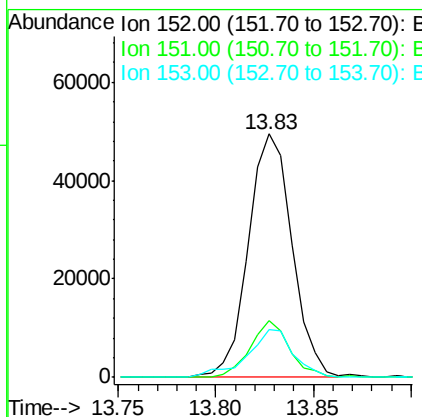
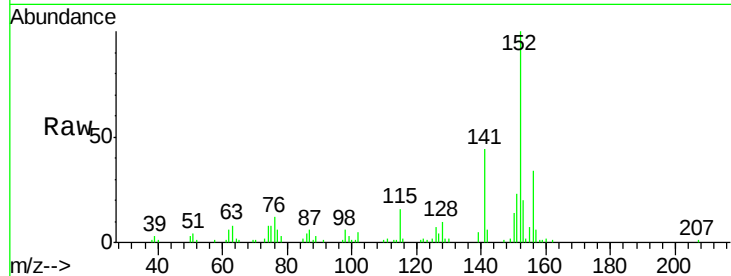
#47
Acenaphthylene
Concen: 3.53 ng/ul
RT: 13.83 min Scan# 1860
Delta R.T. -0.00 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.3	24.5
153	19.6	10.2	15.4

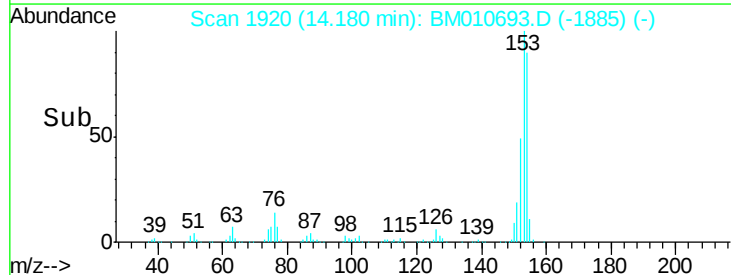
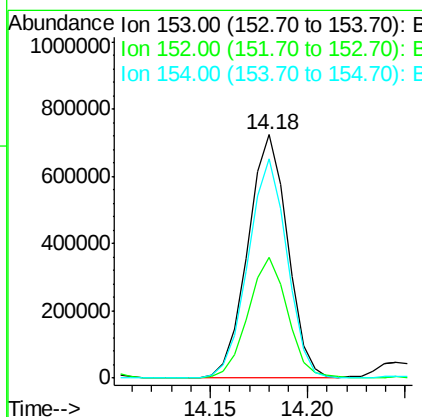
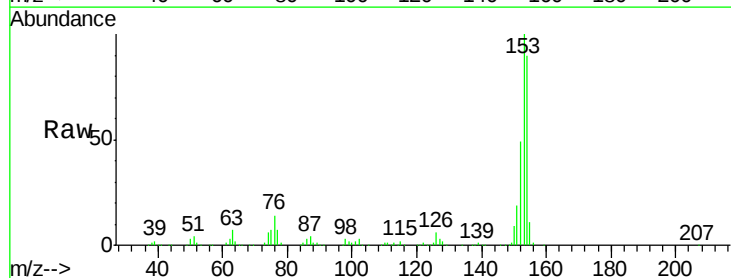
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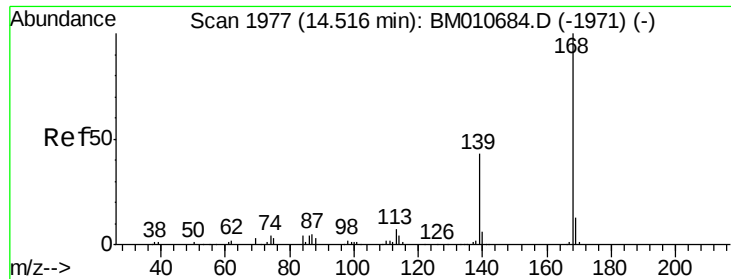
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#49
Acenaphthene
Concen: 70.03 ng/ul
RT: 14.18 min Scan# 1920
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.4	37.6	56.4
154	90.1	70.4	105.6





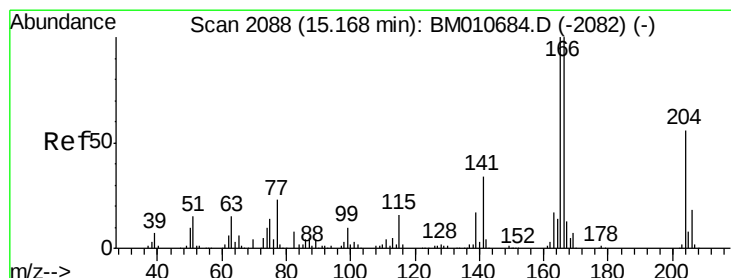
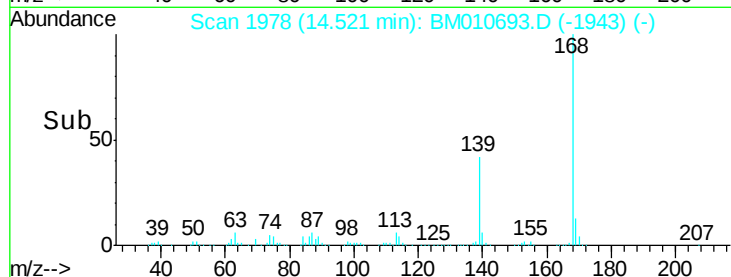
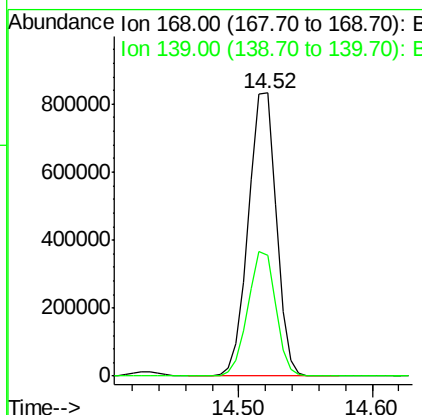
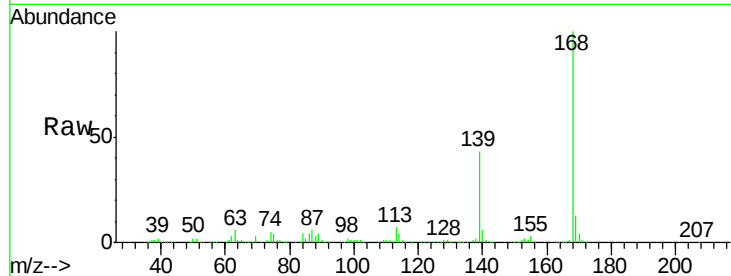
#53
Dibenzofuran
Concen: 54.03 ng/ul
RT: 14.52 min Scan# 1978
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampleId :
F5B27ME

Tgt Ion:168 Resp: 1197084
Ion Ratio Lower Upper
168 100
139 42.6 30.8 46.2

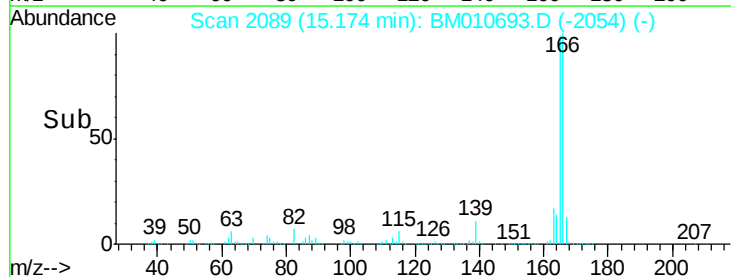
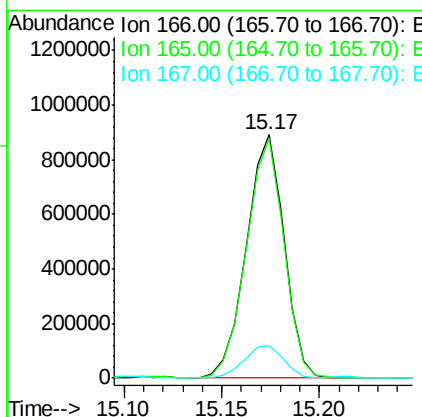
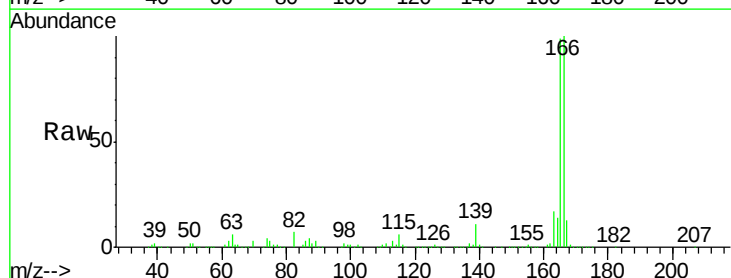
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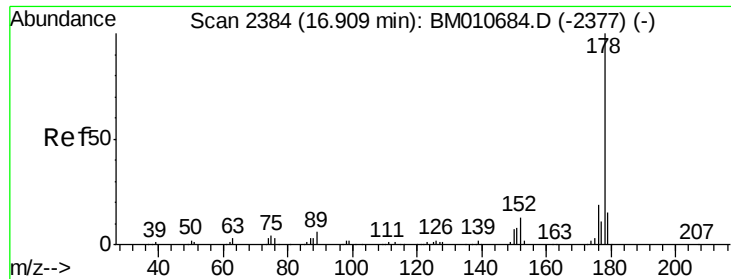
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#58
Fluorene
Concen: 64.05 ng/ul
RT: 15.17 min Scan# 2089
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion:166 Resp: 1187972
Ion Ratio Lower Upper
166 100
165 98.7 77.9 116.9
167 13.4 10.6 16.0





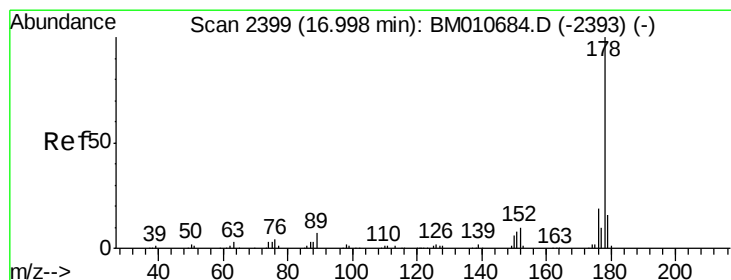
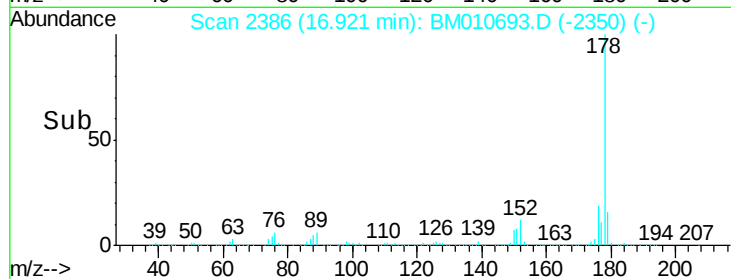
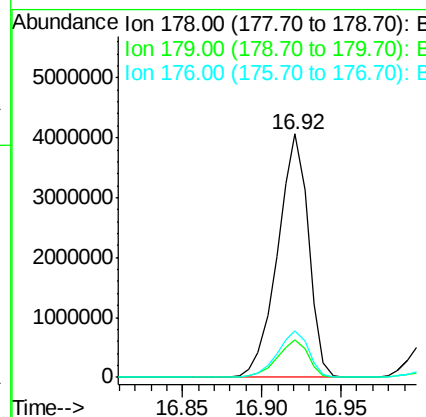
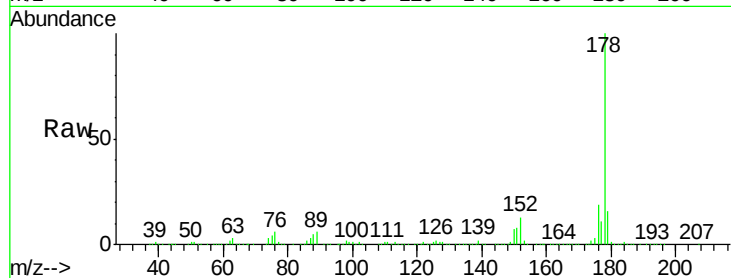
#69
Phenanthrene
Concen: 190.80 ng/u1
RT: 16.92 min Scan# 2386
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Instrument :
BNA_M
ClientSampled :
F5B27ME

Tgt Ion:178 Resp: 5493157
Ion Ratio Lower Upper
178 100
179 15.6 12.6 19.0
176 19.3 14.9 22.3

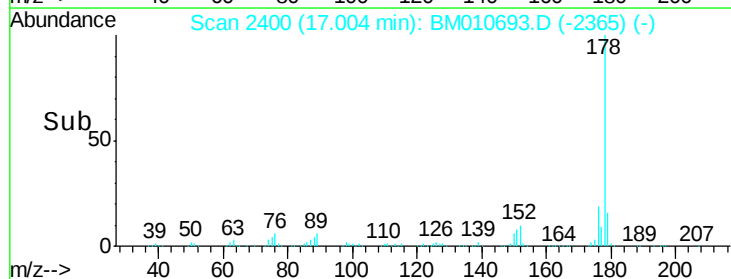
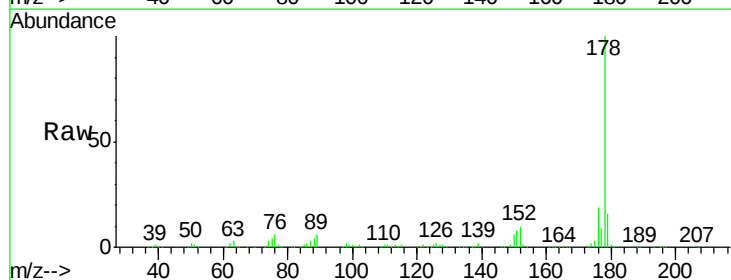
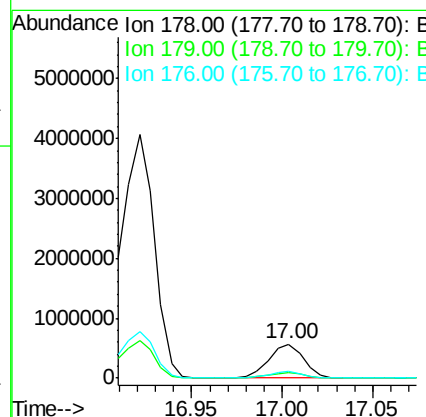
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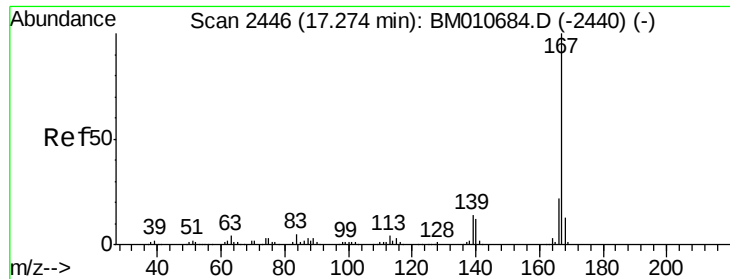
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#71
Anthracene
Concen: 25.40 ng/u1
RT: 17.00 min Scan# 2400
Delta R.T. 0.01 min
Lab File: BM010693.D
Acq: 23 Jun 2017 17:01

Tgt Ion:178 Resp: 753415
Ion Ratio Lower Upper
178 100
179 16.0 11.7 17.5
176 19.4 14.6 21.8





#72

Carbazole

Concen: 13.44 ng/ul

RT: 17.27 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BM010693.D

Acq: 23 Jun 2017 17:01

Instrument :

BNA_M

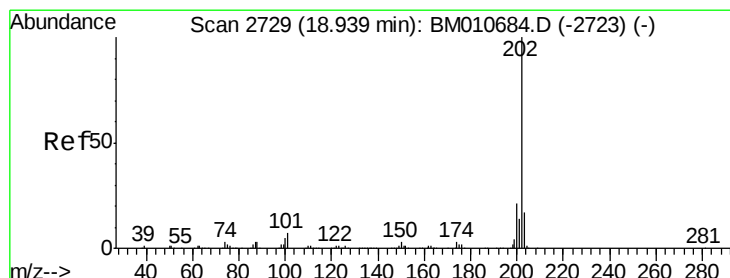
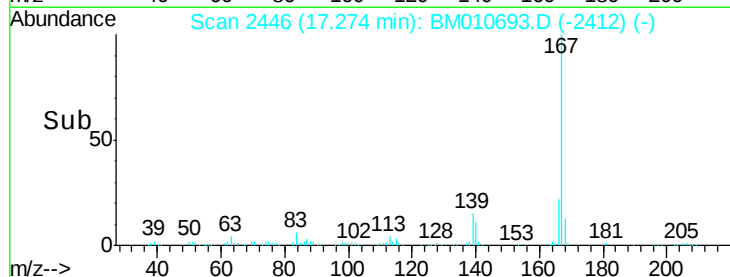
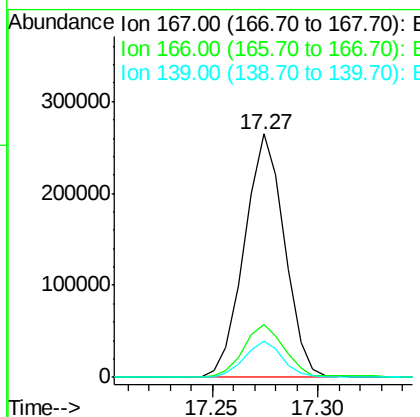
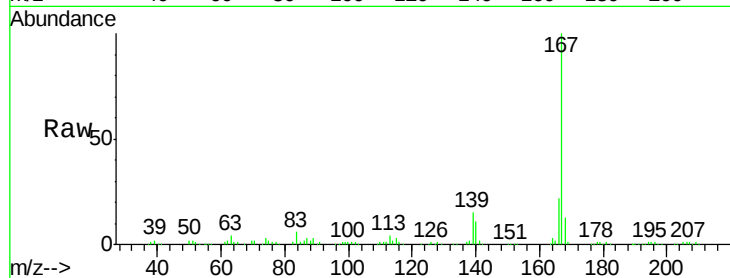
ClientSampleId :

F5B27ME

Tgt Ion:	167	Resp:	347696
Ion Ratio	Lower	Upper	
167	100		
166	21.9	17.1	25.7
139	15.1	10.0	15.0#

Manual Integrations
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#74

Fluoranthene

Concen: 89.04 ng/ul

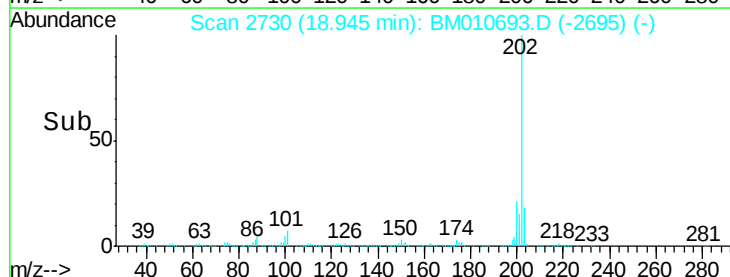
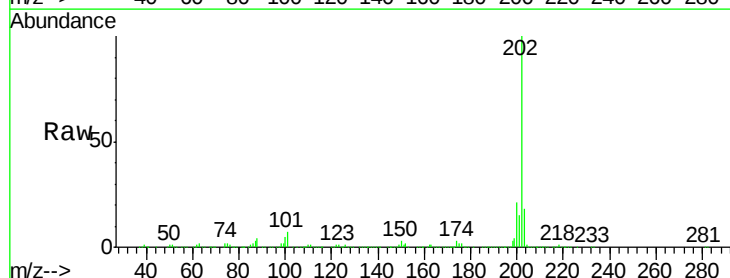
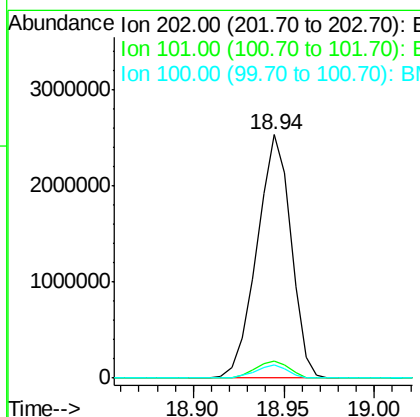
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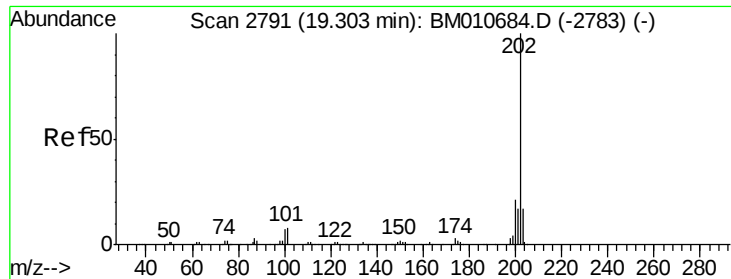
Delta R.T. 0.01 min

Lab File: BM010693.D

Acq: 23 Jun 2017 17:01

Tgt Ion:	202	Resp:	3303866
Ion Ratio	Lower	Upper	
202	100		
101	7.3	4.6	7.0#
100	5.5	3.4	5.2#





#77

Pyrene

Concen: 61.76 ng/ul

RT: 19.31 min Scan# 2792

Delta R.T. 0.01 min

Lab File: BM010693.D

Acq: 23 Jun 2017 17:01

Instrument :

BNA_M

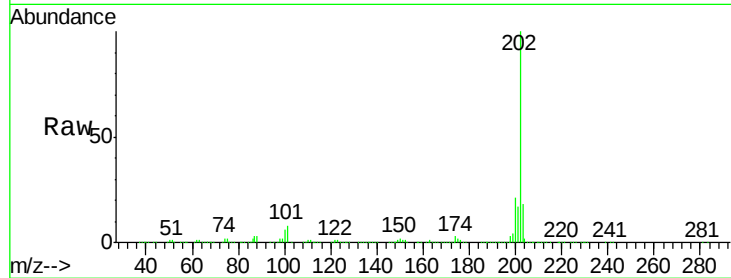
ClientSampleId :

F5B27ME

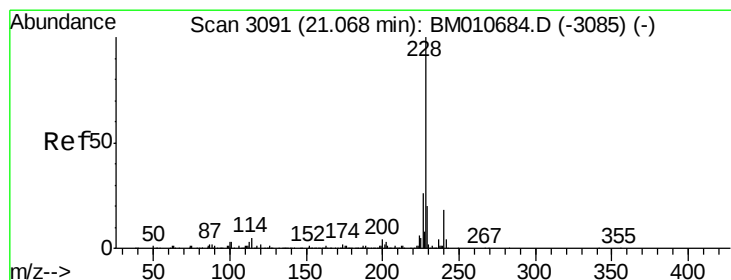
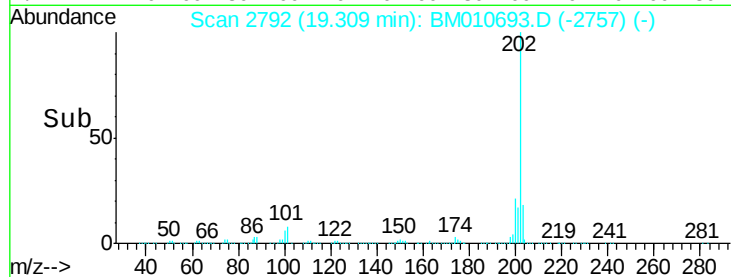
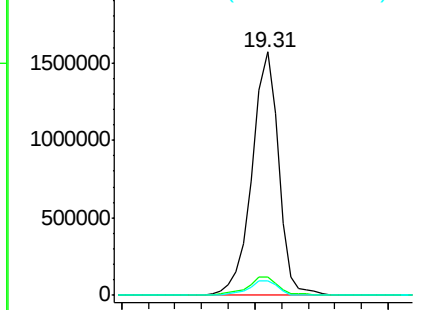
Tgt Ion:	202	Resp:	2153006
Ion	Ratio	Lower	Upper
202	100		
101	7.6	5.1	7.7
100	6.1	4.9	7.3

Manual Integrations
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mohammad
6/27/2017 5:02:41 PM



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: 18.87 ng/ul

RT: 21.07 min Scan# 3091

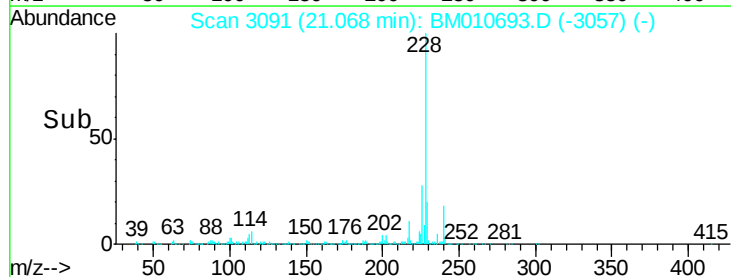
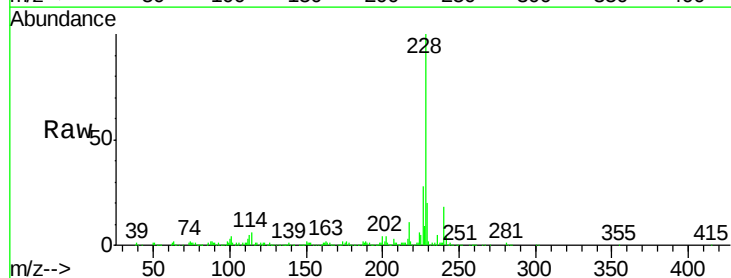
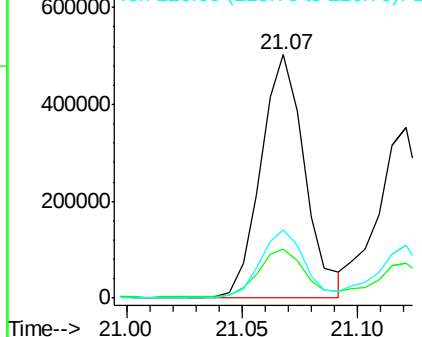
Delta R.T. -0.00 min

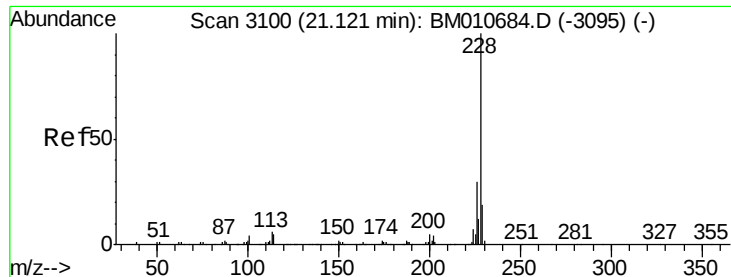
Lab File: BM010693.D

Acq: 23 Jun 2017 17:01

Tgt Ion:	228	Resp:	663198
Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	28.3	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: 15.03 ng/ul

RT: 21.12 min Scan# 3100

Delta R.T. -0.00 min

Lab File: BM010693.D

Acq: 23 Jun 2017 17:01

Instrument :

BNA_M

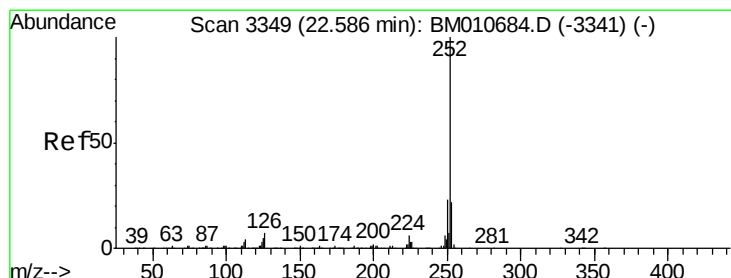
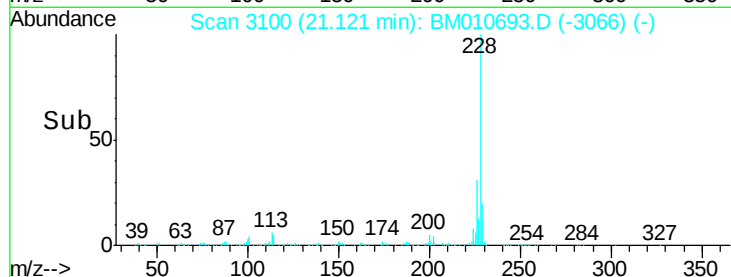
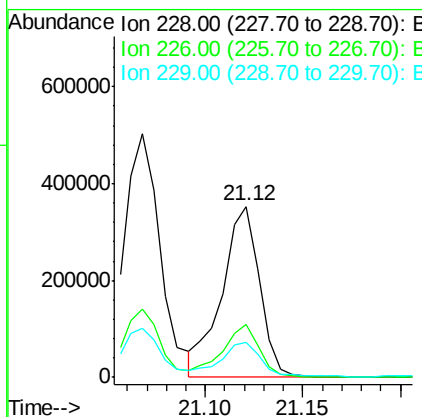
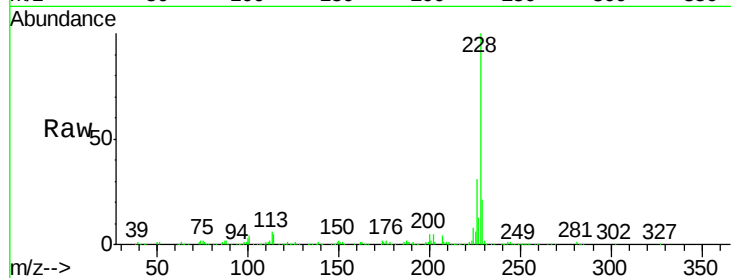
ClientSampleId :

F5B27ME

Tgt Ion:	228	Resp:	471035
Ion Ratio		Lower	Upper
228	100		
226	31.0	23.4	35.2
229	20.7	15.5	23.3

Manual Integrations
APPROVED

mohammad
6/27/2017 5:02:41 PM



#85

Benzo(b)fluoranthene

Concen: 9.99 ng/ul

RT: 22.59 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BM010693.D

Acq: 23 Jun 2017 17:01

Tgt Ion:	252	Resp:	298052
Ion Ratio		Lower	Upper
252	100		
253	21.9	17.9	26.9
125	5.0	3.6	5.4

