

Data File : BM010700.D
Acq On : 23 Jun 2017 21:14
Operator : SJ/JU
Sample : I3599-09MEDL 50X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleID :
F5D77MEDL

Manual Integrations
APPROVED

mohammad
6/27/2017 5:03:13 PM

Quant Time: Jun 24 05:38:42 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	77868	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	365142	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	260000	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	647189	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	662746	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	476631	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.64	99	3184	0.43	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.81	67	1942	0.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	2496	0.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	2773	0.45	ng/ul	0.00
19) Nitrobenzene-d5	8.61	128	1370	0.53	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	1537	0.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	2944	0.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	4473	0.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	10514	0.46	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	10701	0.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	1235	0.31	ng/ul	0.00
57) Fluorene-d10	15.12	176	11131	0.56	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	923	0.23	ng/ul	0.00
70) Anthracene-d10	16.96	188	16644m	0.53	ng/ul	0.00
76) Pyrene-d10	19.27	212	17898	0.58	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	11803	0.51	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.27	128	744995	41.00	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	167924	11.50	ng/ul	95
40) 1,1'-Biphenyl	12.93	154	43915	2.16	ng/ul	93
49) Acenaphthene	14.17	153	121179	7.10	ng/ul	98
53) Dibenzofuran	14.52	168	141468	5.48	ng/ul	92
58) Fluorene	15.17	166	138320	6.40	ng/ul	97
69) Phenanthrene	16.91	178	591185	17.18	ng/ul	99
71) Anthracene	17.00	178	87489	2.47	ng/ul	96
72) Carbazole	17.27	167	37681	1.22	ng/ul	97
74) Fluoranthene	18.94	202	364714	8.22	ng/ul	99
77) Pyrene	19.30	202	238880	6.24	ng/ul	99
80) Benzo(a)anthracene	21.06	228	73860	1.91	ng/ul	97
82) Chrysene	21.12	228	50692	1.47	ng/ul	98

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

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BNA_M

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Manual Integrations
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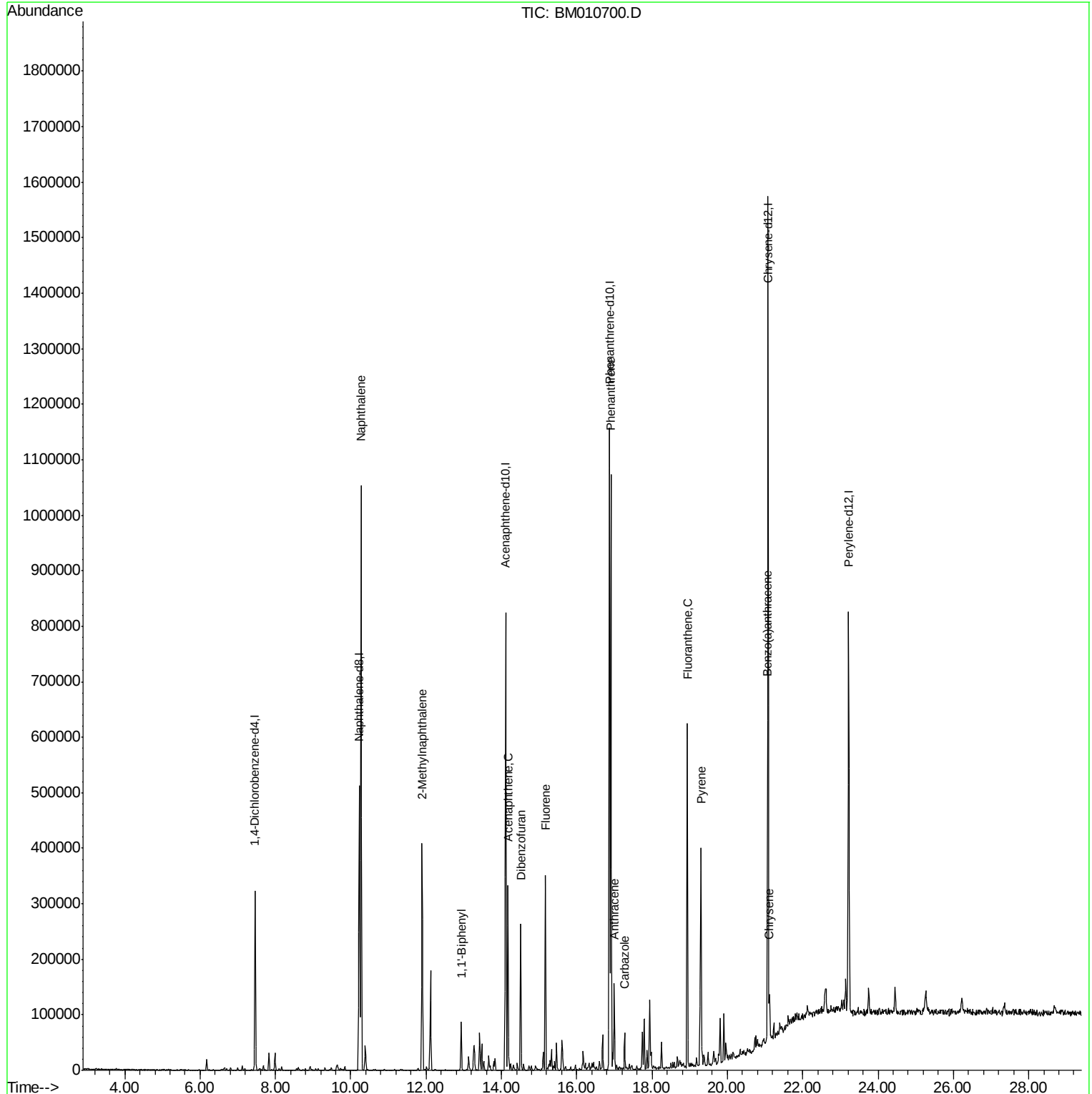
Quant Time: Jun 24 05:38:42 2017

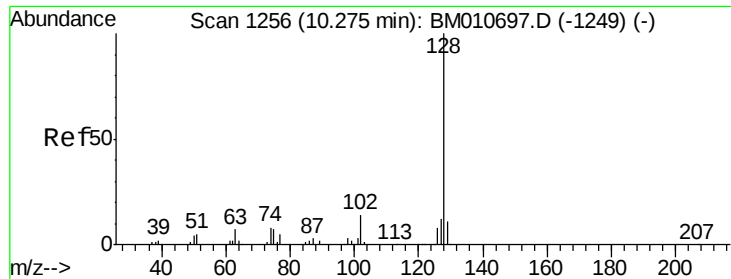
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

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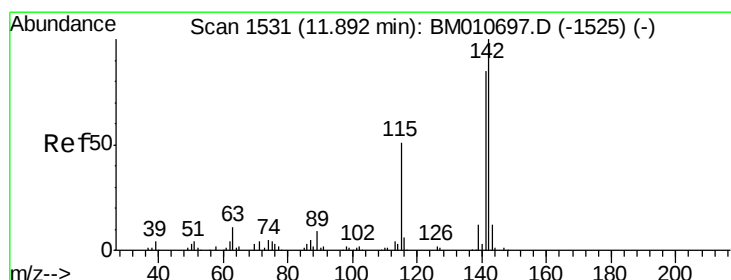
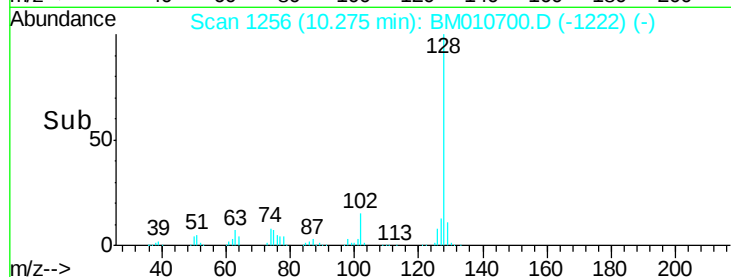
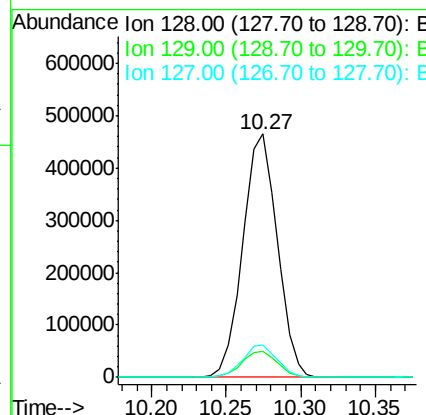
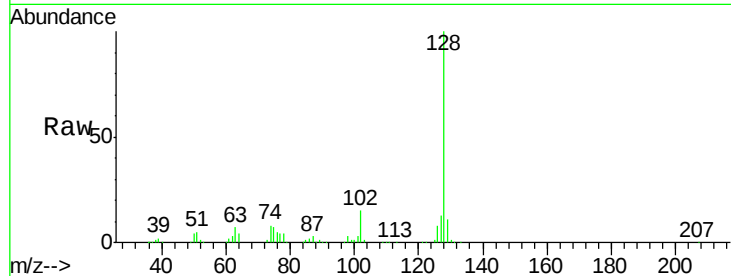
#28
Naphthalene
Concen: 41.00 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM010700.D
Acq: 23 Jun 2017 21:14

Instrument :
BNA_M
ClientSampleId :
F5D77MEDL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.1	10.6	16.0

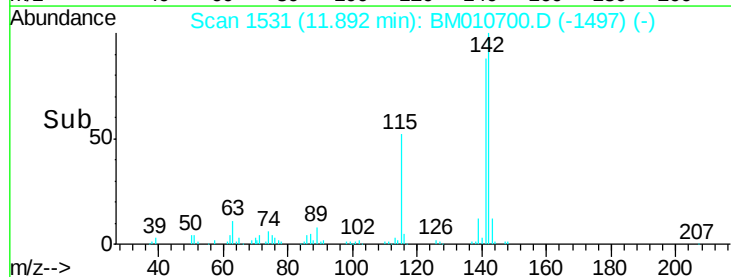
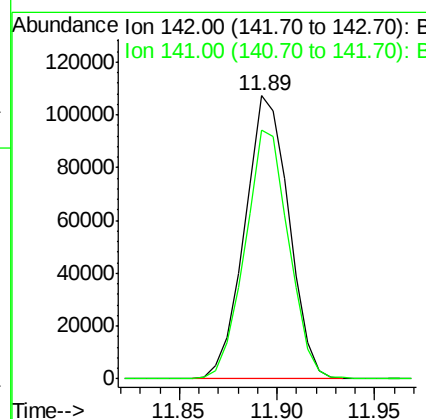
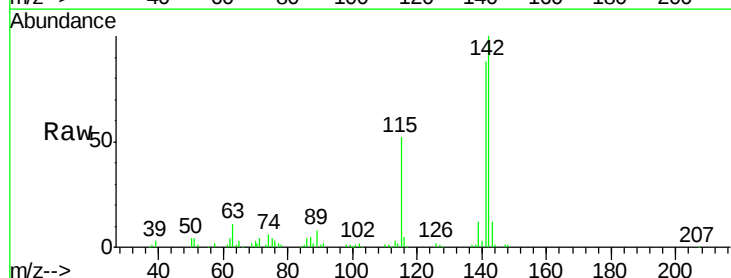
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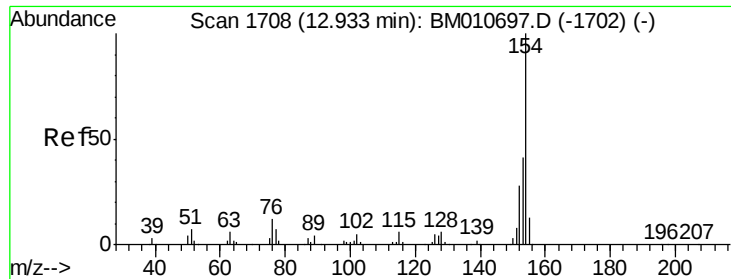
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#34
2-Methylnaphthalene
Concen: 11.50 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BM010700.D
Acq: 23 Jun 2017 21:14

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.8	74.1	111.1





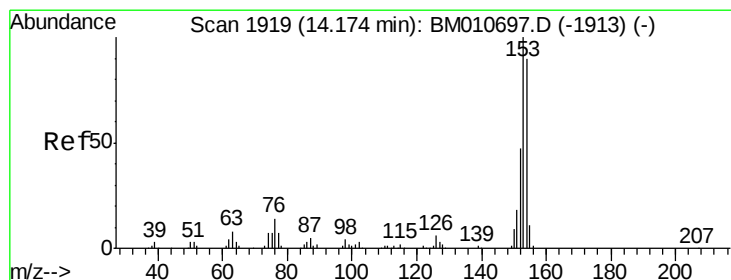
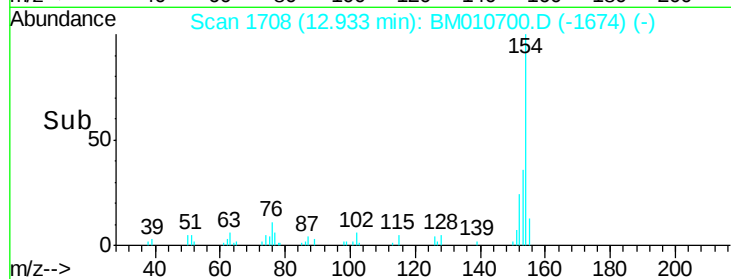
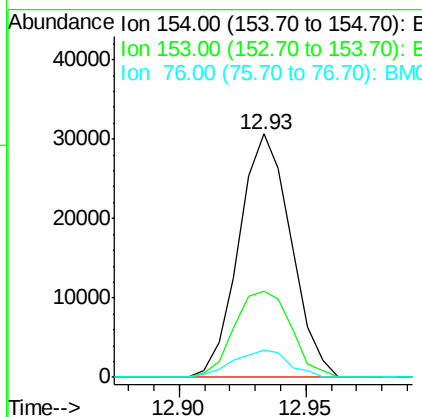
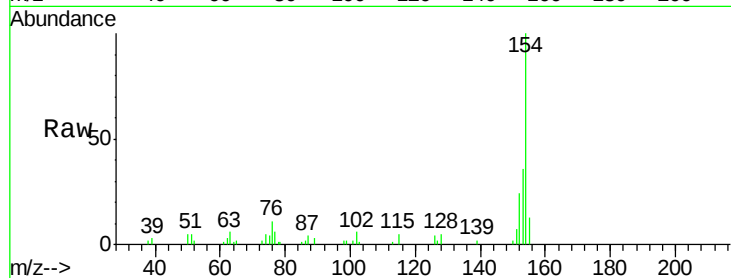
#40
1,1'-Biphenyl
Concen: 2.16 ng/ul
RT: 12.93 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BM010700.D
Acq: 23 Jun 2017 21:14

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Tgt Ion:	154	Resp:	43915
Ion Ratio	Lower	Upper	
154	100		
153	35.5	32.6	48.8
76	11.0	8.5	12.7

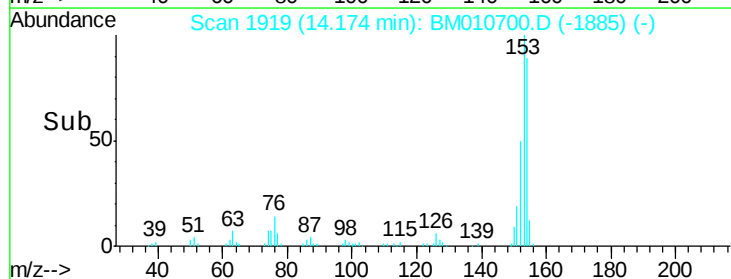
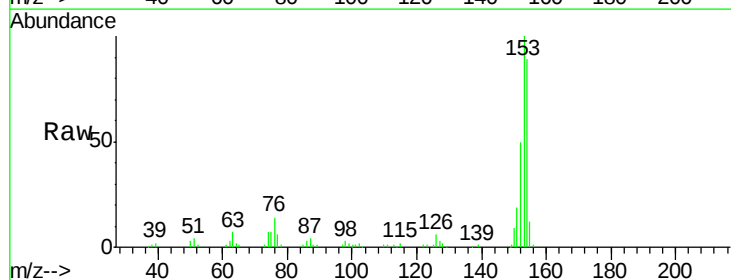
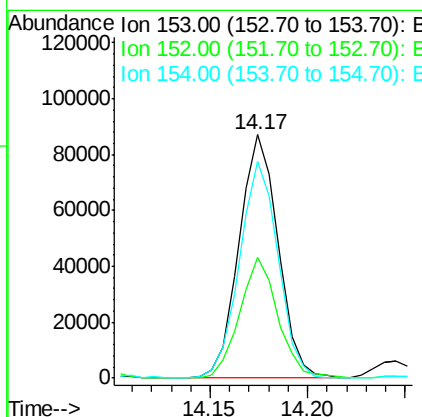
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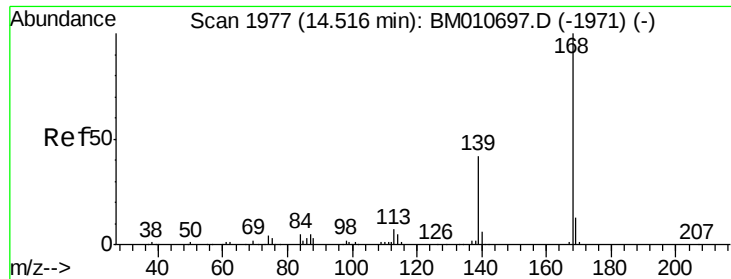
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#49
Acenaphthene
Concen: 7.10 ng/ul
RT: 14.17 min Scan# 1919
Delta R.T. -0.00 min
Lab File: BM010700.D
Acq: 23 Jun 2017 21:14

Tgt Ion:	153	Resp:	121179
Ion Ratio	Lower	Upper	
153	100		
152	49.8	37.6	56.4
154	89.0	70.4	105.6





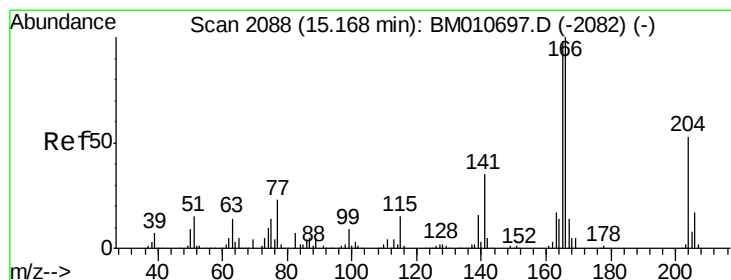
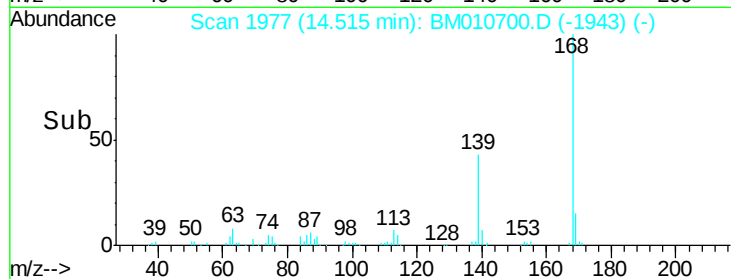
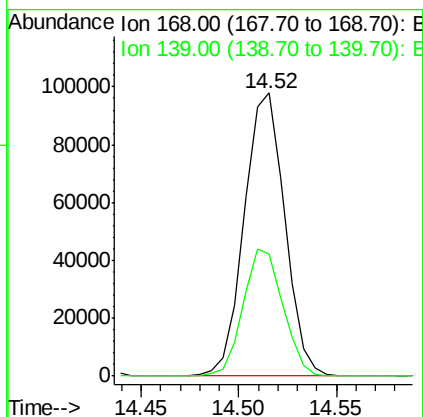
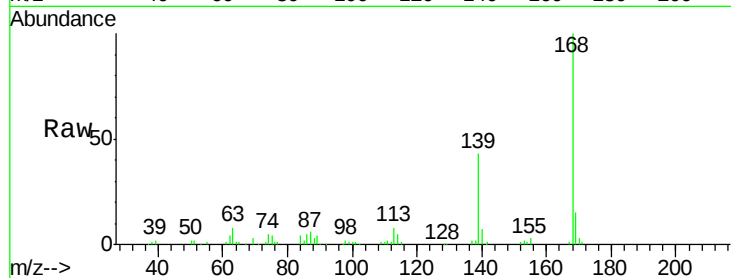
#53
Dibenzofuran
Concen: 5.48 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM010700.D
Acq: 23 Jun 2017 21:14

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F5D77MEDL

Tgt Ion:168 Resp: 141468
Ion Ratio Lower Upper
168 100
139 43.1 30.8 46.2

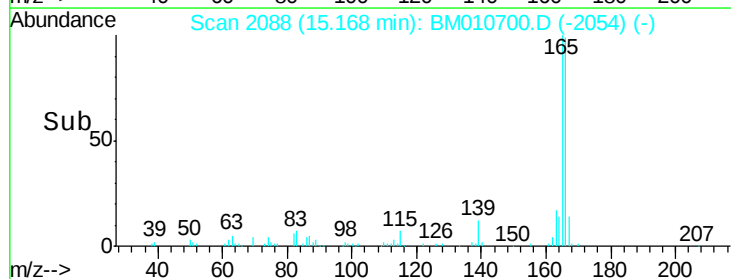
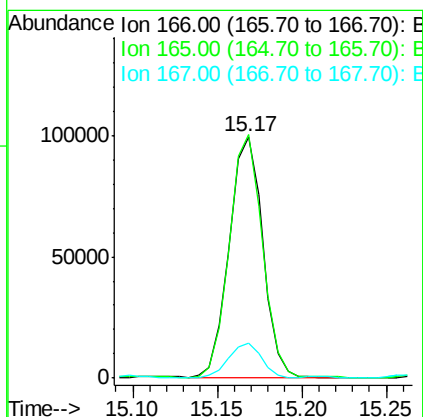
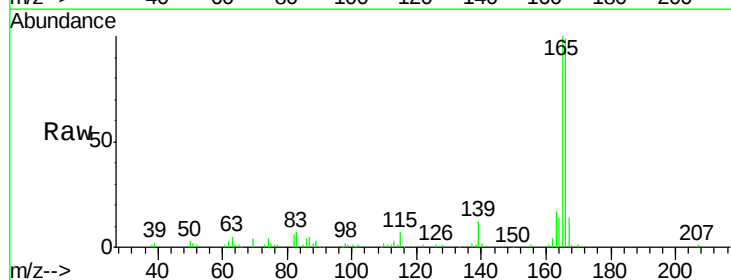
Manual Integrations
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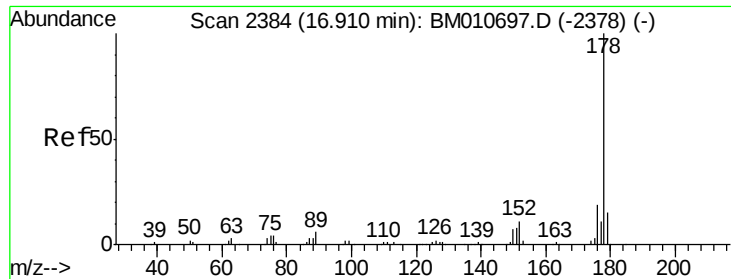
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#58
Fluorene
Concen: 6.40 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM010700.D
Acq: 23 Jun 2017 21:14

Tgt Ion:166 Resp: 138320
Ion Ratio Lower Upper
166 100
165 100.9 77.9 116.9
167 14.3 10.6 16.0





#69

Phenanthrene

Concen: 17.18 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM010700.D

Acq: 23 Jun 2017 21:14

Instrument :

BNA_M

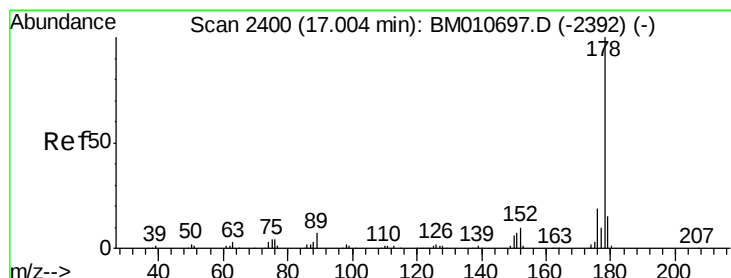
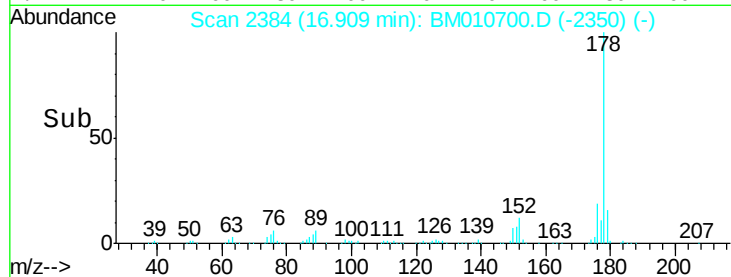
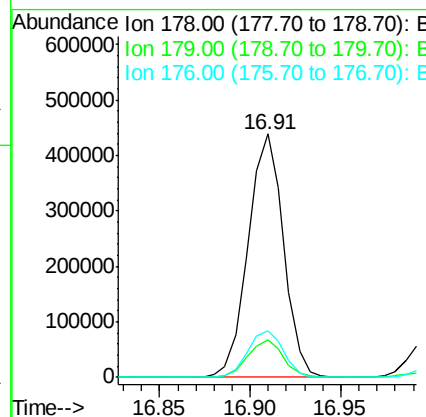
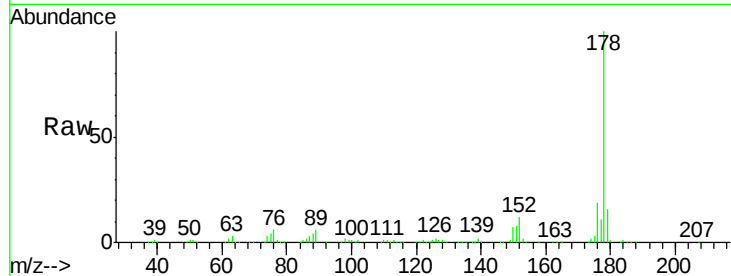
ClientSampleId :

F5D77MEDL

Tgt Ion:	178	Resp:	591185
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.6	19.0
176	18.9	14.9	22.3

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#71

Anthracene

Concen: 2.47 ng/ul

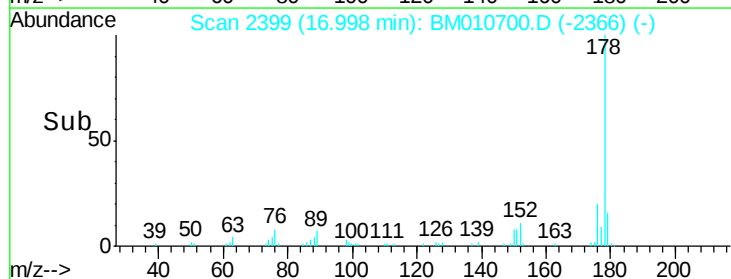
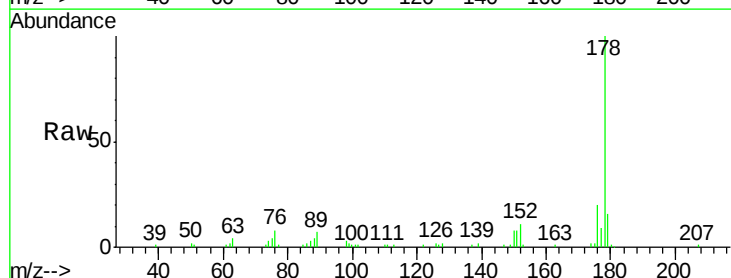
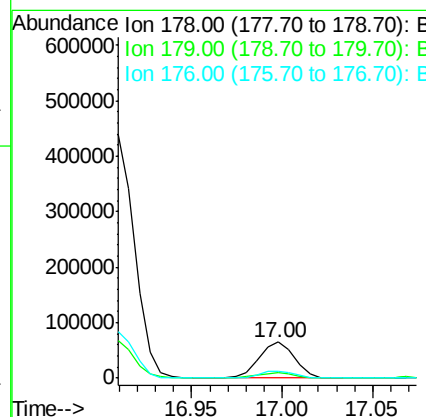
RT: 17.00 min Scan# 2399

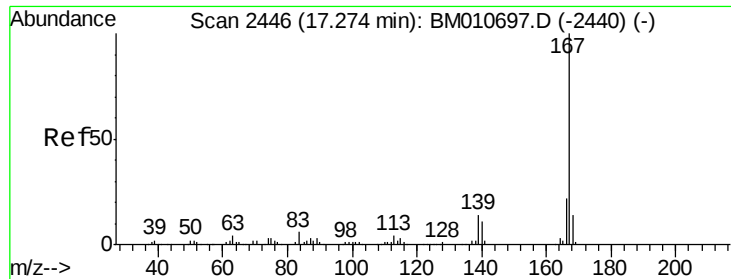
Delta R.T. -0.01 min

Lab File: BM010700.D

Acq: 23 Jun 2017 21:14

Tgt Ion:	178	Resp:	87489
Ion Ratio	Lower	Upper	
178	100		
179	16.0	11.7	17.5
176	19.9	14.6	21.8





#72

Carbazole

Concen: 1.22 ng/ul

RT: 17.27 min Scan# 2446

Delta R.T. -0.00 min

Lab File: BM010700.D

Acq: 23 Jun 2017 21:14

Instrument :

BNA_M

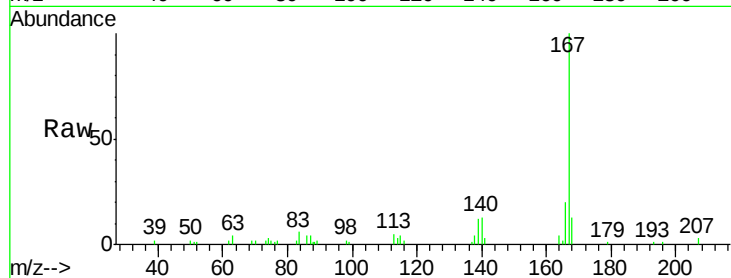
ClientSampleId :

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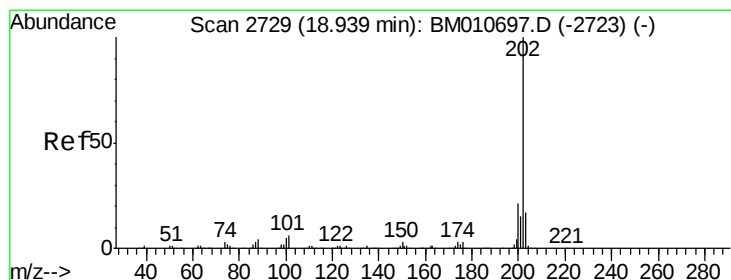
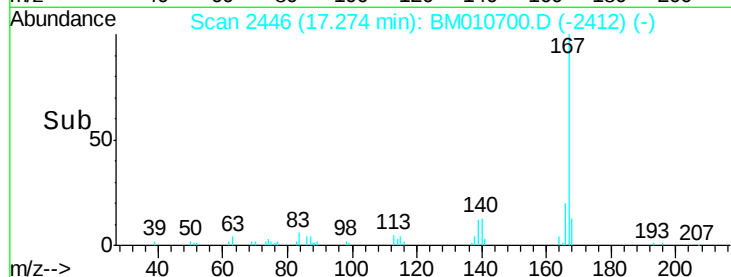
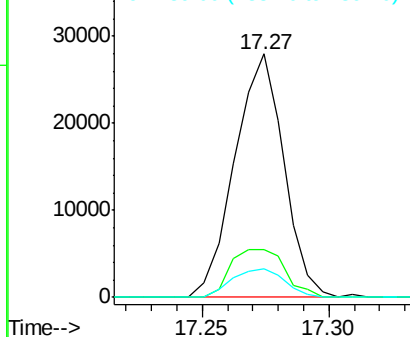
Tgt Ion:	167	Resp:	37681
Ion Ratio	Lower	Upper	
167	100		
166	19.8	17.1	25.7
139	11.9	10.0	15.0

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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: 8.22 ng/ul

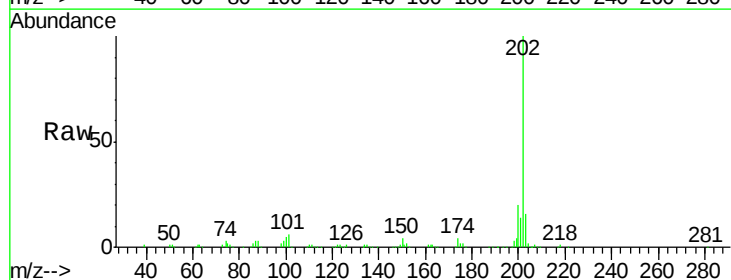
RT: 18.94 min Scan# 2729

Delta R.T. -0.00 min

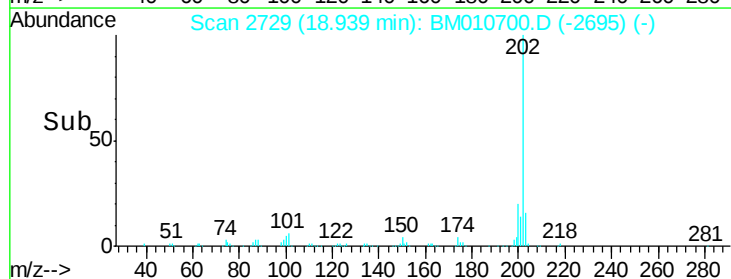
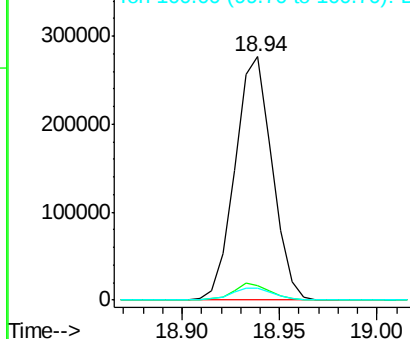
Lab File: BM010700.D

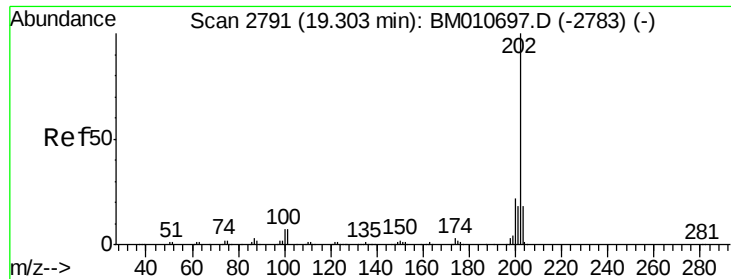
Acq: 23 Jun 2017 21:14

Tgt Ion:	202	Resp:	364714
Ion Ratio	Lower	Upper	
202	100		
101	6.0	4.6	7.0
100	4.6	3.4	5.2



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: 6.24 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM010700.D

Acq: 23 Jun 2017 21:14

Instrument :

BNA_M

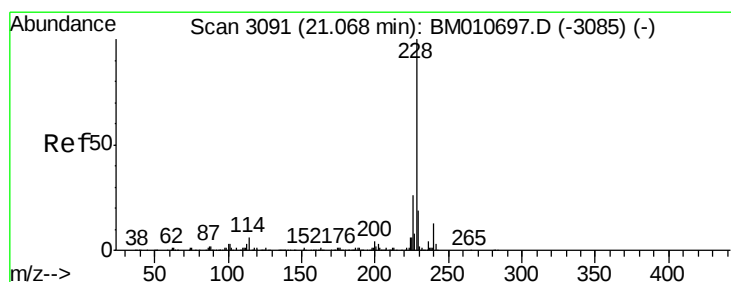
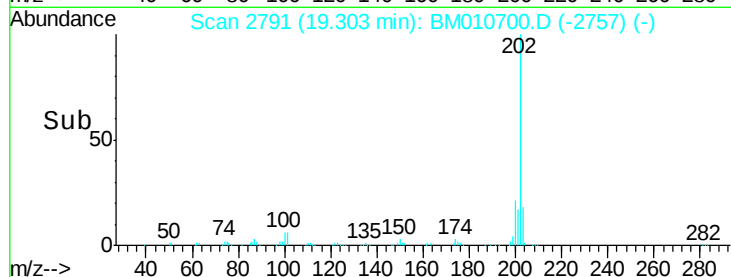
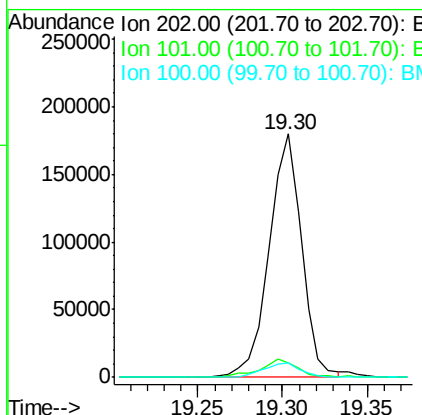
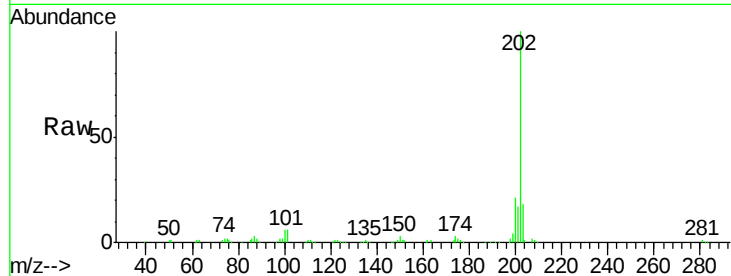
ClientSampleId :

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Tgt Ion:	202	Resp:	238880
Ion Ratio	Lower	Upper	
202	100		
101	5.8	5.1	7.7
100	6.2	4.9	7.3

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#80

Benzo(a)anthracene

Concen: 1.91 ng/ul

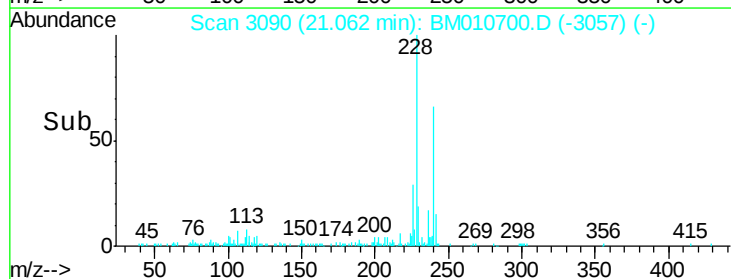
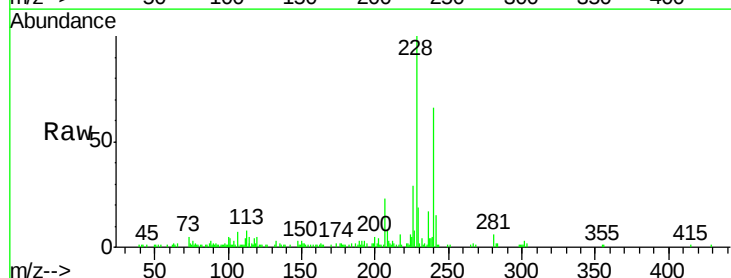
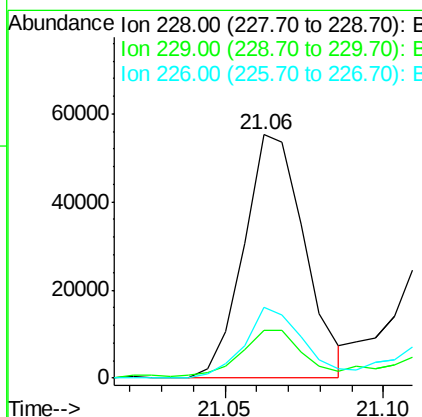
RT: 21.06 min Scan# 3090

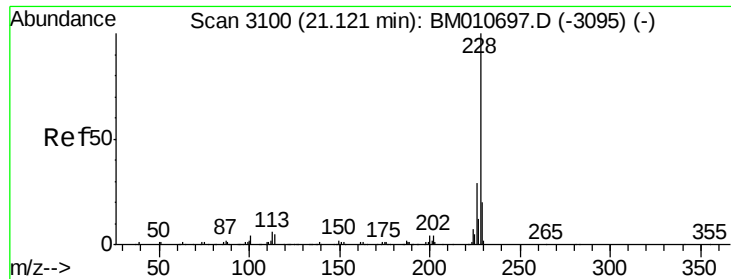
Delta R.T. -0.01 min

Lab File: BM010700.D

Acq: 23 Jun 2017 21:14

Tgt Ion:	228	Resp:	73860
Ion Ratio	Lower	Upper	
228	100		
229	19.5	15.4	23.0
226	29.3	21.4	32.0





#82
 Chrysene
 Concen: 1.47 ng/ul
 RT: 21.12 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM010700.D
 Acq: 23 Jun 2017 21:14

Instrument :
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 F5D77MEDL

Tgt Ion:	228	Resp:	50692
Ion Ratio	Lower	Upper	
228	100		
226	31.3	23.4	35.2
229	19.6	15.5	23.3

Manual Integrations
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