

Data File : BM010744.D
Acq On : 24 Jun 2017 23:39
Operator : SJ/JU
Sample : I3653-03MEDL 25X
Misc :
ALS Vial : 59 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F5B20MEDL

Manual Integrations
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mohammad
6/28/2017 7:45:10 AM

Quant Time: Jun 26 08:44:32 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	50207	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	227029	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	159223	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	411389	20.00	ng/ul	0.00
75) Chrysene-d12	21.07	240	453042	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	353929	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	3210	0.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	1882	0.69	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	2551	0.76	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	2867	0.72	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	1289	0.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	622	0.33	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	2841	0.72	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	4116	0.99	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	12143	0.87	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	12840	0.79	ng/ul	0.00
51) 4-Nitrophenol-d4	14.32	143	1368	0.56	ng/ul	0.00
57) Fluorene-d10	15.11	176	11969	0.99	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	1176	0.47	ng/ul	0.00
70) Anthracene-d10	16.96	188	19105m	0.96	ng/ul	0.00
76) Pyrene-d10	19.27	212	20831	0.99	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	14861	0.87	ng/ul	0.00

Target Compounds

						Qvalue
28) Naphthalene	10.27	128	279017	24.70	ng/ul	97
34) 2-Methylnaphthalene	11.89	142	60894	6.70	ng/ul	97
40) 1,1'-Biphenyl	12.93	154	17369	1.40	ng/ul#	96
49) Acenaphthene	14.17	153	45740	4.38	ng/ul	98
53) Dibenzofuran	14.51	168	60283	3.81	ng/ul#	82
58) Fluorene	15.16	166	58651	4.43	ng/ul	95
69) Phenanthrene	16.90	178	264425	12.09	ng/ul	99
71) Anthracene	16.99	178	65903m	2.92	ng/ul	
72) Carbazole	17.27	167	35933	1.83	ng/ul	98
74) Fluoranthene	18.93	202	162596	5.77	ng/ul#	98
77) Pyrene	19.30	202	106377	4.07	ng/ul#	95
80) Benzo(a)anthracene	21.06	228	30867	1.17	ng/ul	97
82) Chrysene	21.11	228	24631m	1.05	ng/ul	

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

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Operator : SJ/JU

Sample : I3653-03MEDL 25X

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ALS Vial : 59 Sample Multiplier: 1

Instrument :

BNA_M

ClientSampleId :

F5B20MEDL

Manual Integrations
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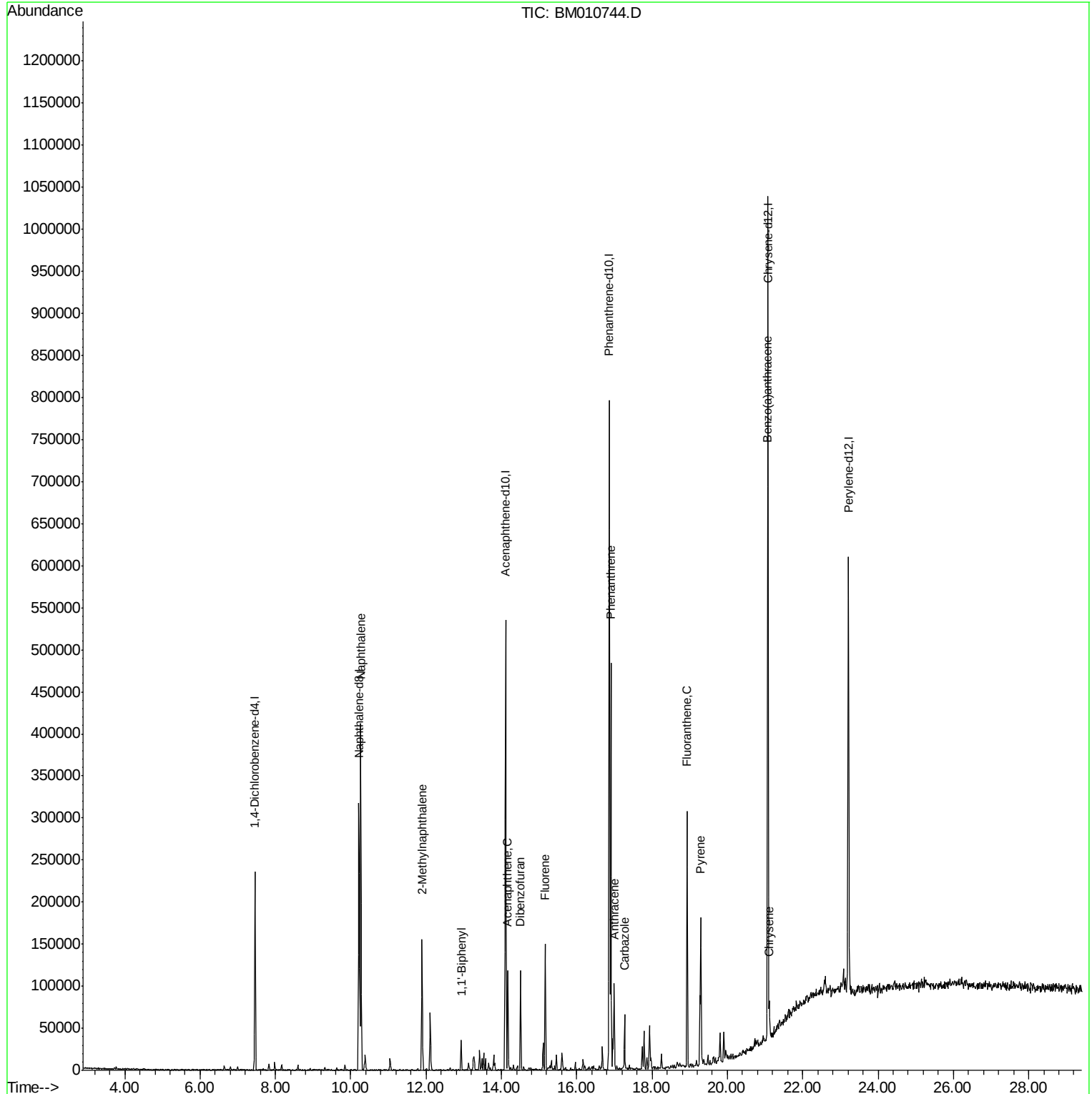
Quant Time: Jun 26 08:44:32 2017

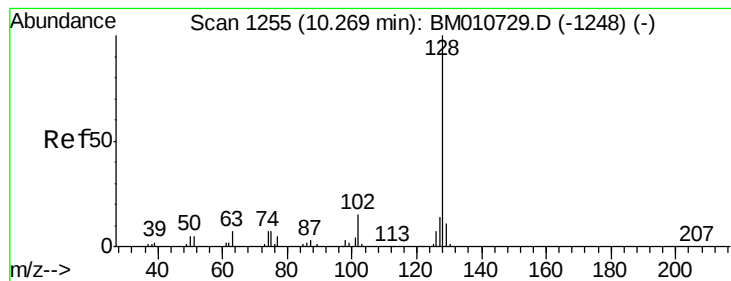
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M

Quant Title : SVOA CALIBRATION

QLast Update : Mon Jun 26 04:54:47 2017

Response via : Initial Calibration





#28

Naphthalene

Concen: 24.70 ng/ul

RT: 10.27 min Scan# 1255

Delta R.T. -0.00 min

Lab File: BM010744.D

Acq: 24 Jun 2017 23:39

Instrument :

BNA_M

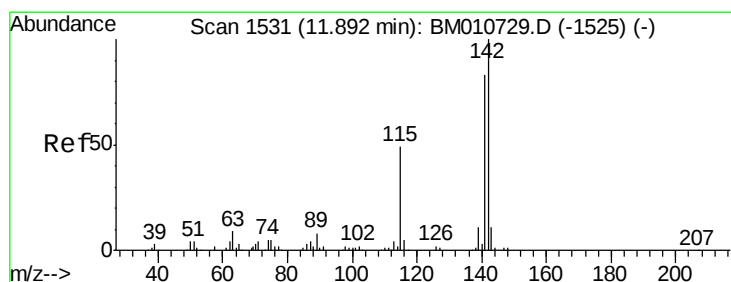
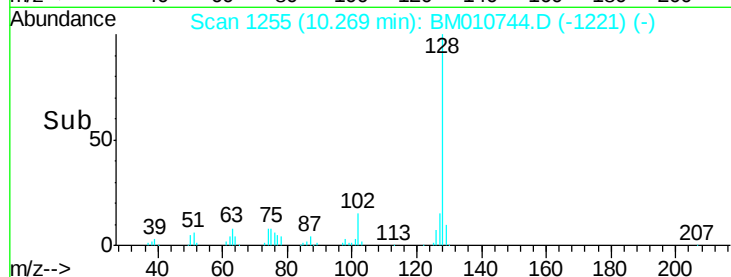
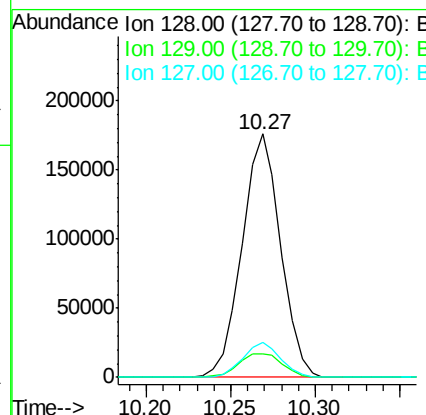
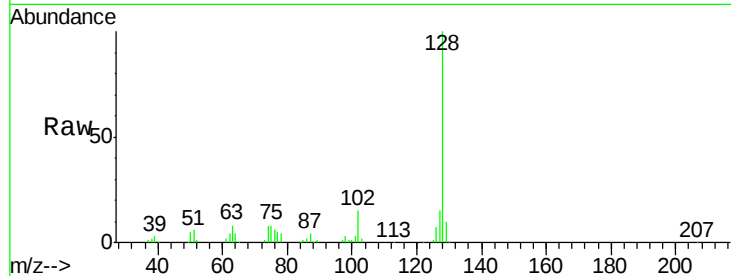
ClientSampleId :

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Tgt Ion:	128	Resp:	279017
Ion Ratio		Lower	Upper
128	100		
129	9.6	8.8	13.2
127	14.6	10.6	16.0

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#34

2-Methylnaphthalene

Concen: 6.70 ng/ul

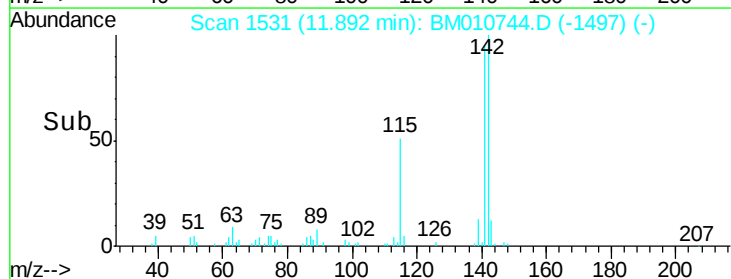
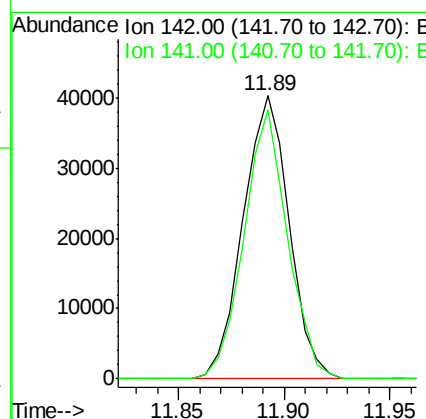
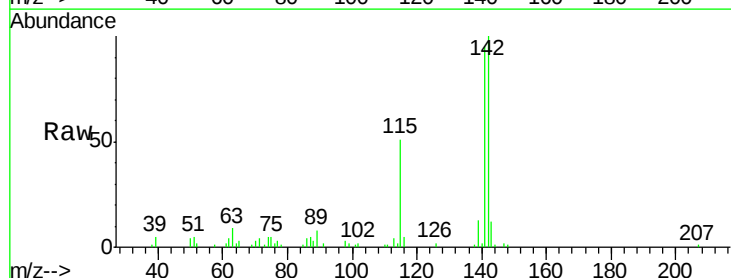
RT: 11.89 min Scan# 1531

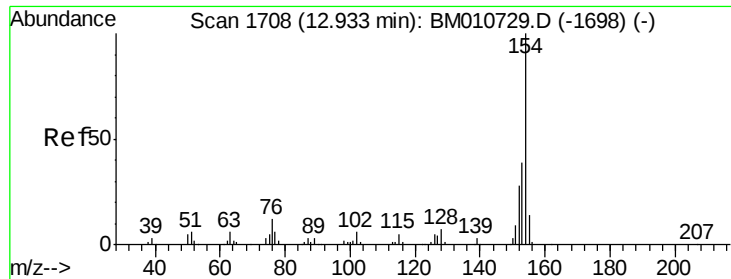
Delta R.T. -0.00 min

Lab File: BM010744.D

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Tgt Ion:	142	Resp:	60894
Ion Ratio		Lower	Upper
142	100		
141	95.0	74.1	111.1





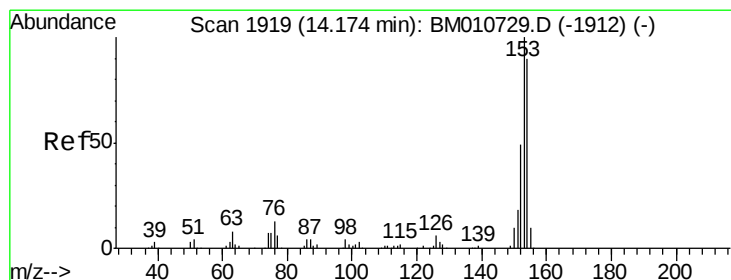
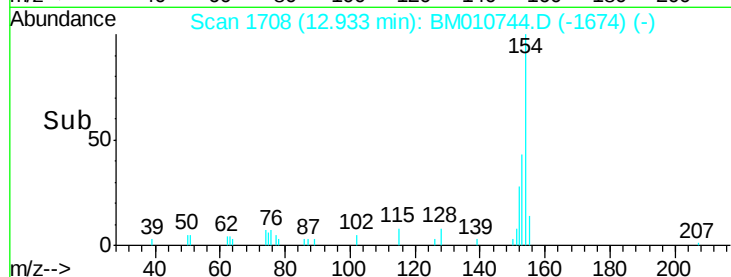
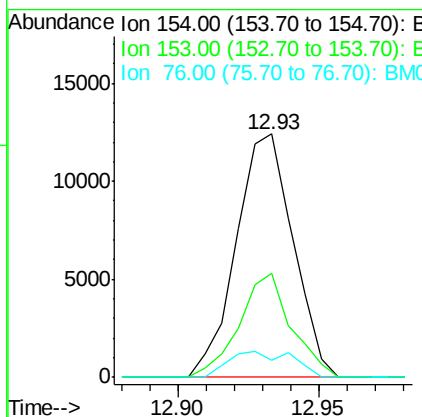
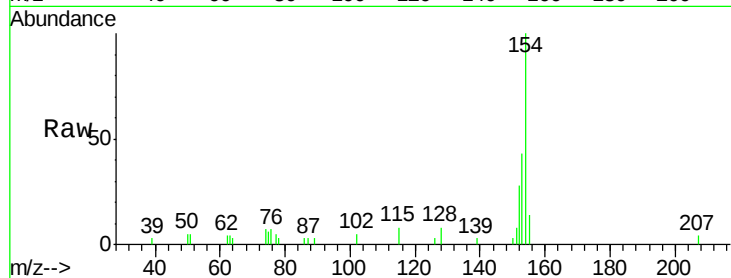
#40
1,1'-Biphenyl
Concen: 1.40 ng/ul
RT: 12.93 min Scan# 1708
Delta R.T. -0.00 min
Lab File: BM010744.D
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Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.5	32.6	48.8
76	7.0	8.5	12.7

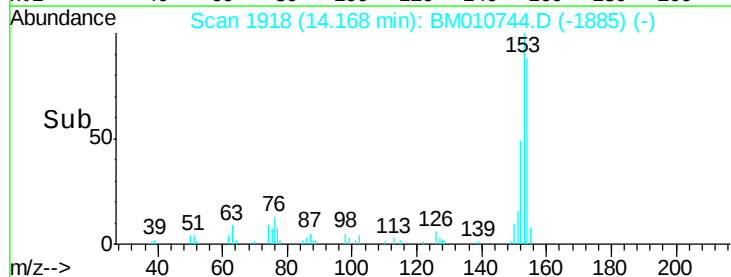
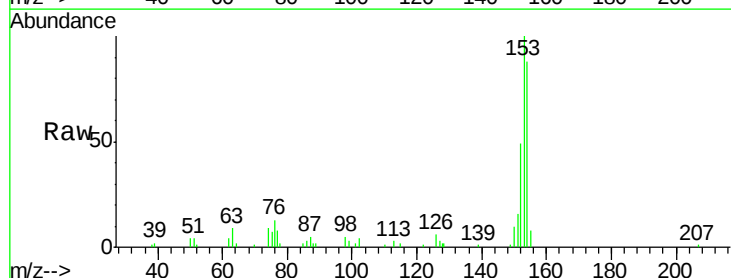
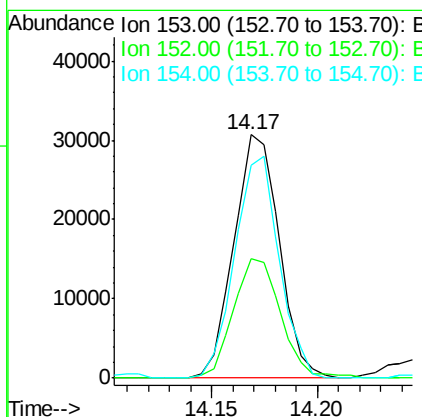
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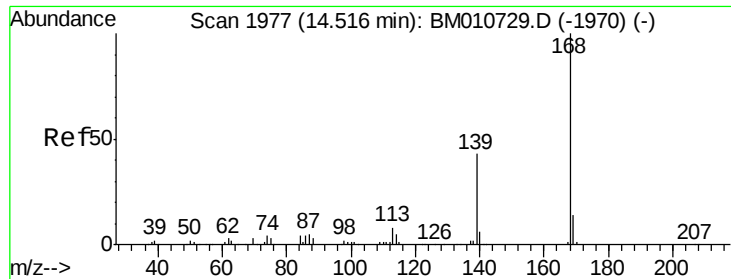
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#49
Acenaphthene
Concen: 4.38 ng/ul
RT: 14.17 min Scan# 1918
Delta R.T. -0.01 min
Lab File: BM010744.D
Acq: 24 Jun 2017 23:39

Tgt Ion	Ratio	Lower	Upper
153	100		
152	49.3	37.6	56.4
154	87.5	70.4	105.6





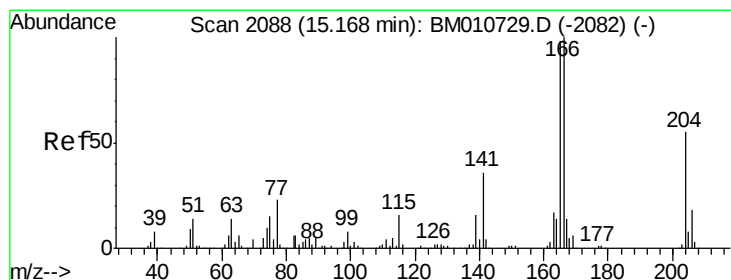
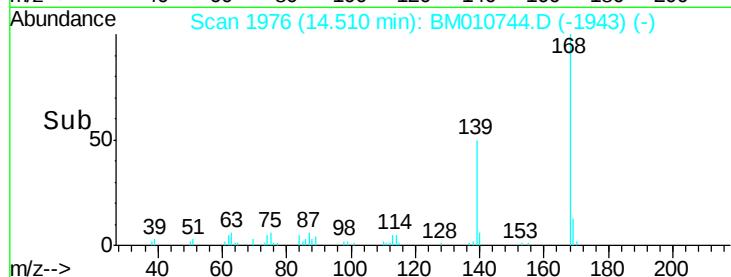
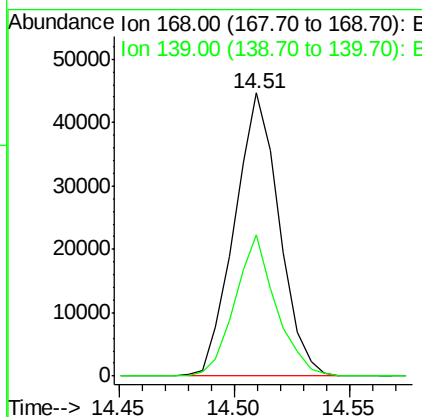
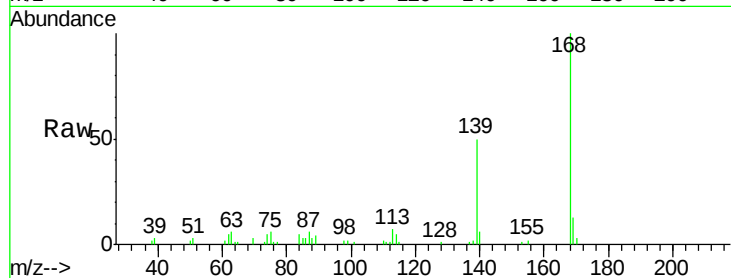
#53
Dibenzofuran
Concen: 3.81 ng/ul
RT: 14.51 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM010744.D
Acq: 24 Jun 2017 23:39

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ClientSampleId :
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Tgt Ion:168 Resp: 60283
Ion Ratio Lower Upper
168 100
139 49.7 30.8 46.2#

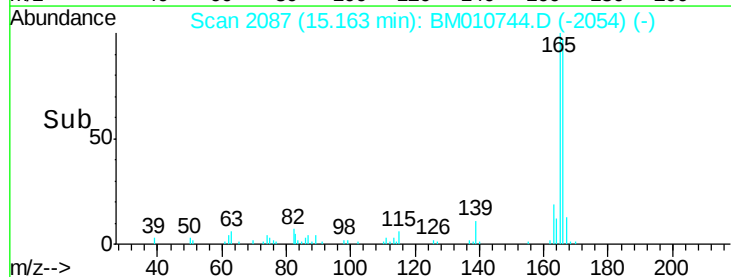
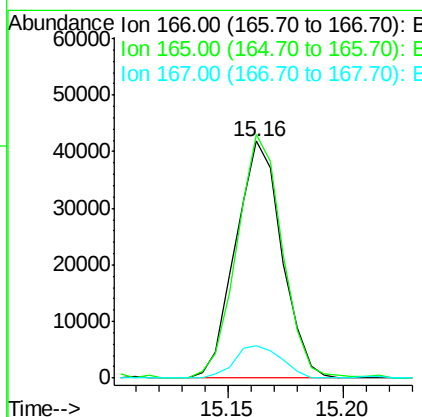
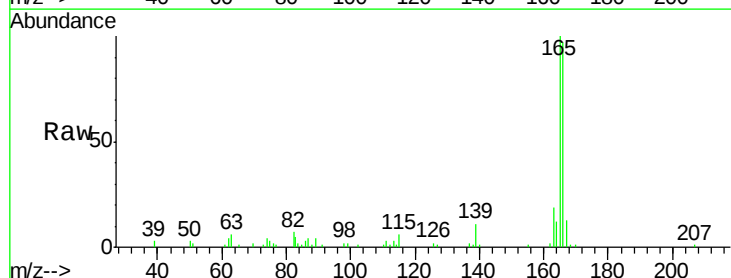
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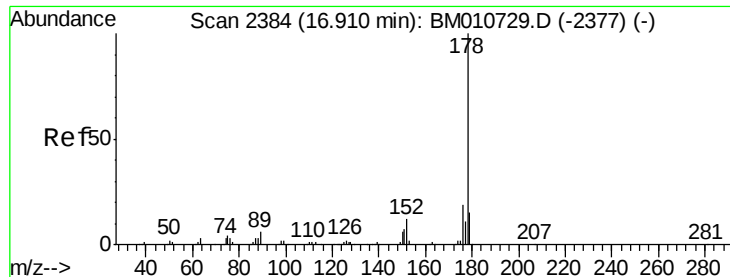
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#58
Fluorene
Concen: 4.43 ng/ul
RT: 15.16 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM010744.D
Acq: 24 Jun 2017 23:39

Tgt Ion:166 Resp: 58651
Ion Ratio Lower Upper
166 100
165 102.7 77.9 116.9
167 13.7 10.6 16.0





#69

Phenanthrene

Concen: 12.09 ng/ul

RT: 16.90 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM010744.D

Acq: 24 Jun 2017 23:39

Instrument :

BNA_M

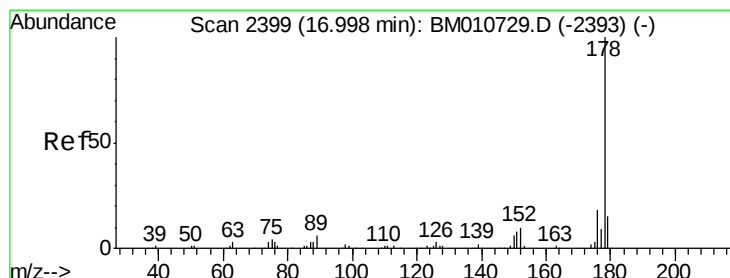
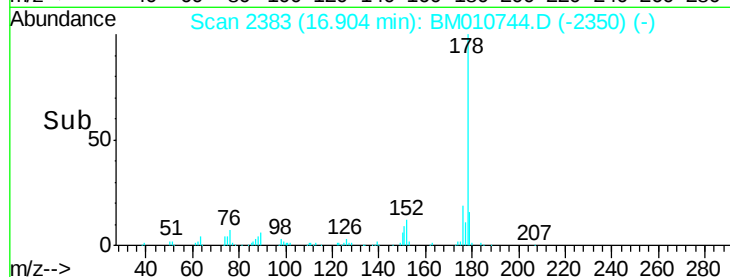
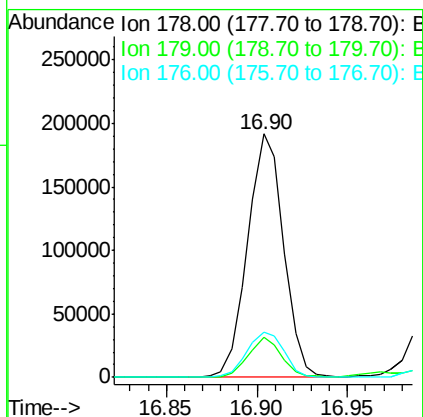
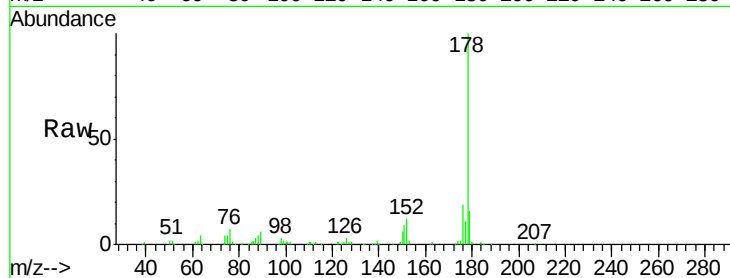
ClientSampleId :

F5B20MEDL

Tgt Ion:	178	Resp:	264425
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.6	19.0
176	18.6	14.9	22.3

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#71

Anthracene

Concen: 2.92 ng/ul m

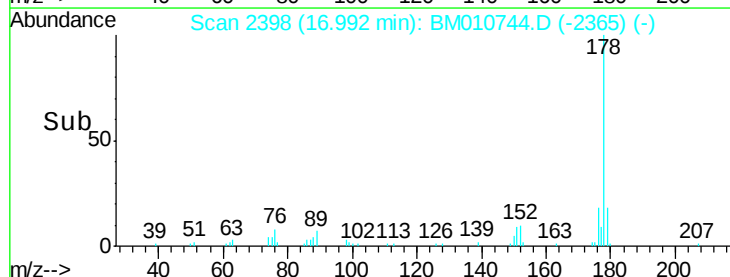
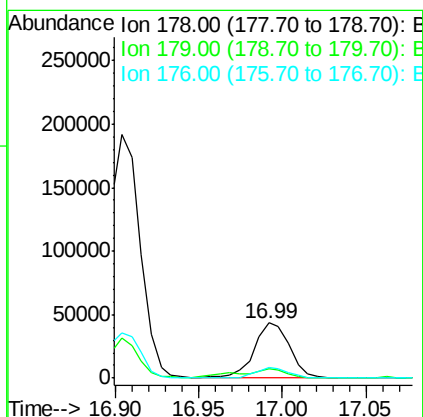
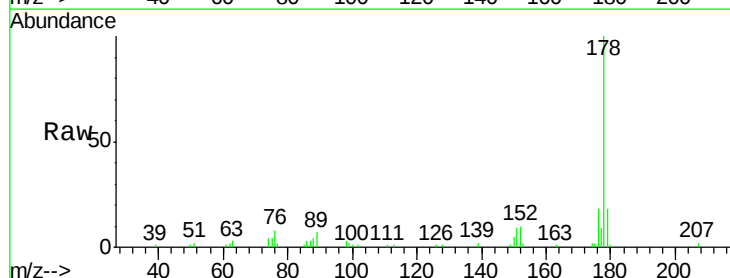
RT: 16.99 min Scan# 2398

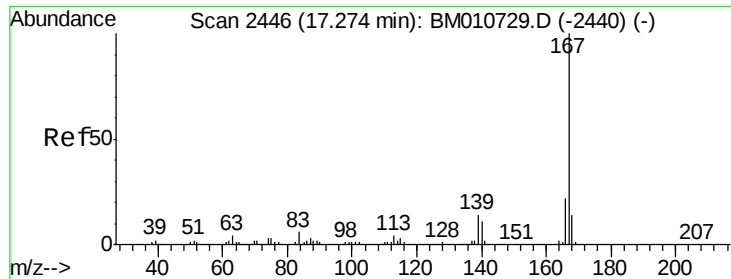
Delta R.T. -0.01 min

Lab File: BM010744.D

Acq: 24 Jun 2017 23:39

Tgt Ion:	178	Resp:	65903
Ion Ratio	Lower	Upper	
178	100		
179	18.1	11.7	17.5#
176	18.4	14.6	21.8





#72

Carbazole

Concen: 1.83 ng/ul

RT: 17.27 min Scan# 2445

Delta R.T. -0.01 min

Lab File: BM010744.D

Acq: 24 Jun 2017 23:39

Instrument :

BNA_M

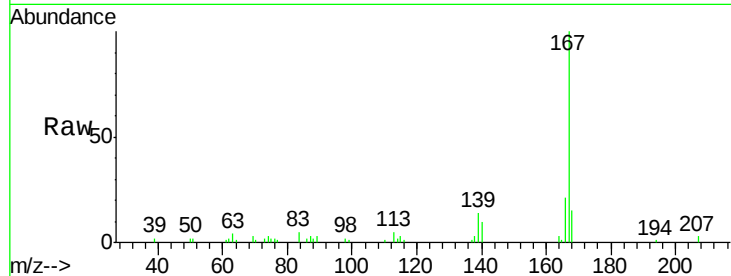
ClientSampleId :

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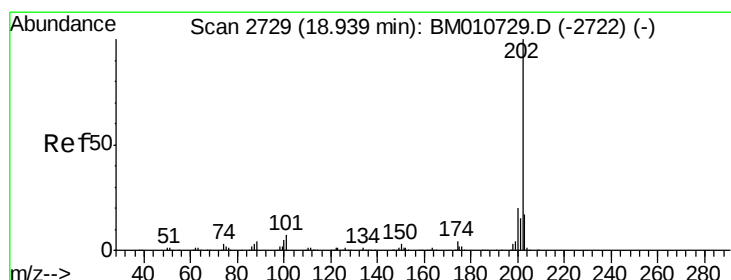
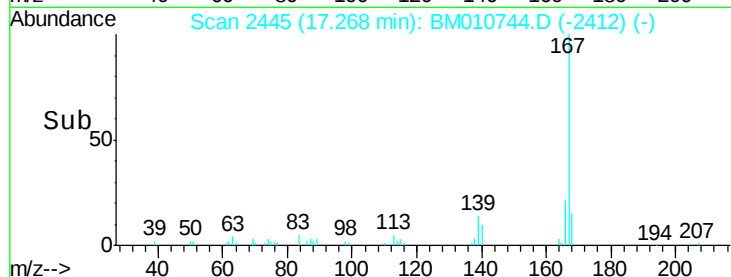
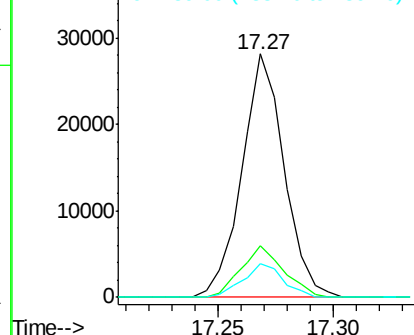
Tgt Ion:	167	Resp:	35933
Ion Ratio	Lower	Upper	
167	100		
166	21.3	17.1	25.7
139	14.1	10.0	15.0

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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: 5.77 ng/ul

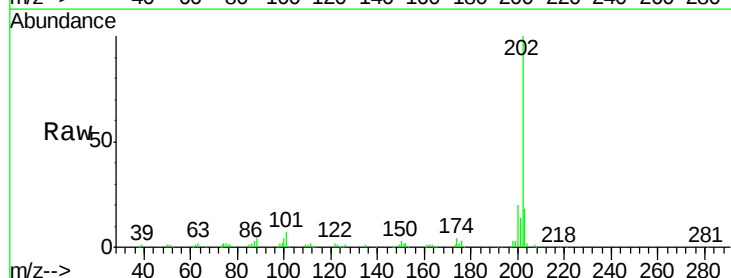
RT: 18.93 min Scan# 2728

Delta R.T. -0.01 min

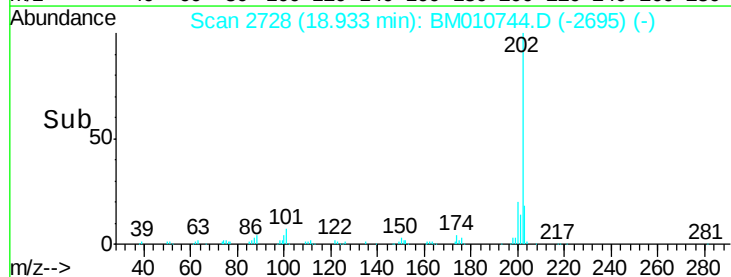
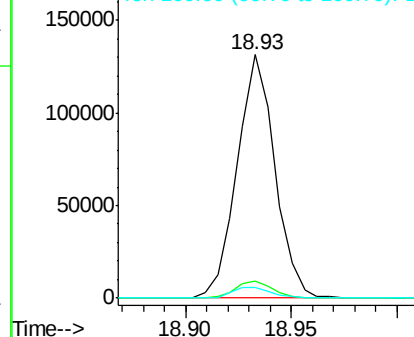
Lab File: BM010744.D

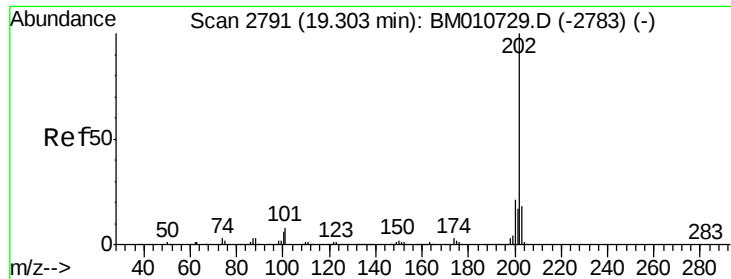
Acq: 24 Jun 2017 23:39

Tgt Ion:	202	Resp:	162596
Ion Ratio	Lower	Upper	
202	100		
101	7.0	4.6	7.0#
100	4.1	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





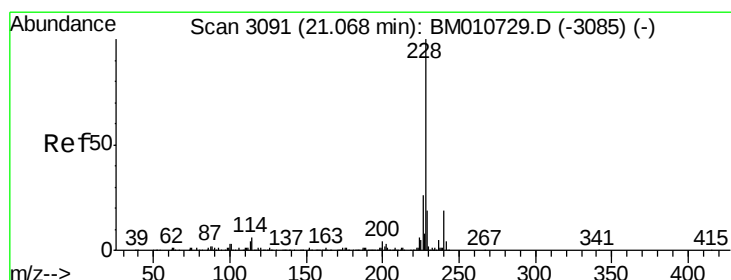
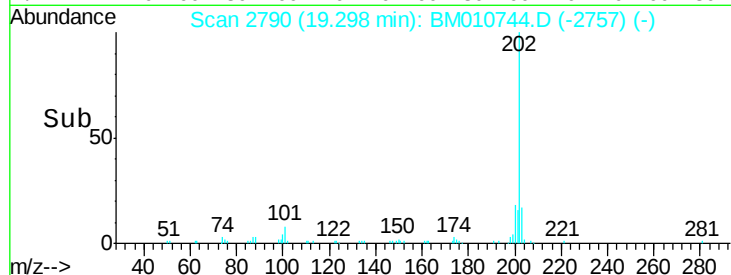
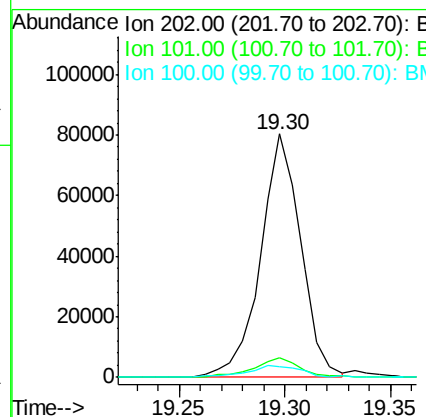
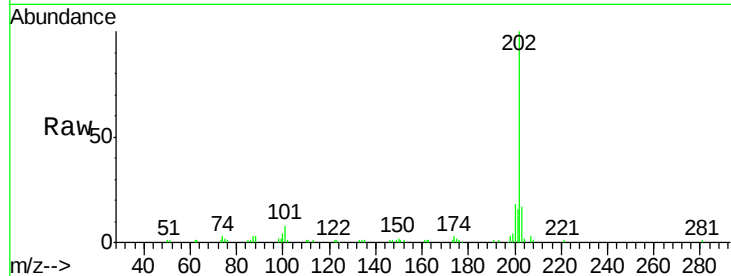
#77
 Pyrene
 Concen: 4.07 ng/ul
 RT: 19.30 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BM010744.D
 Acq: 24 Jun 2017 23:39

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Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	7.9	5.1	7.7#
100	4.3	4.9	7.3#

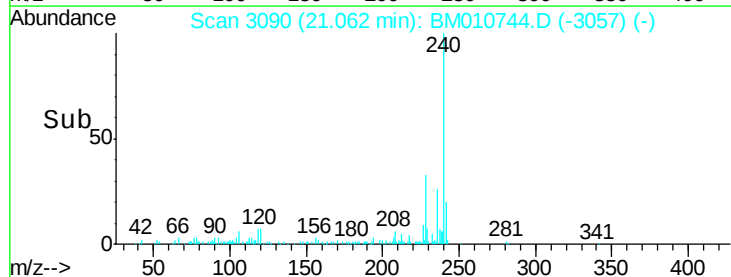
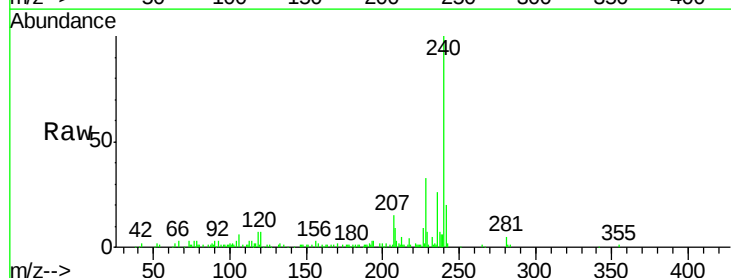
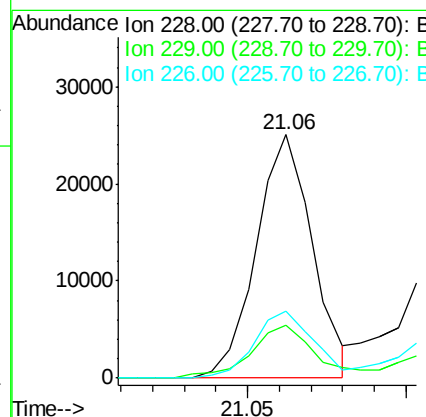
Manual Integrations
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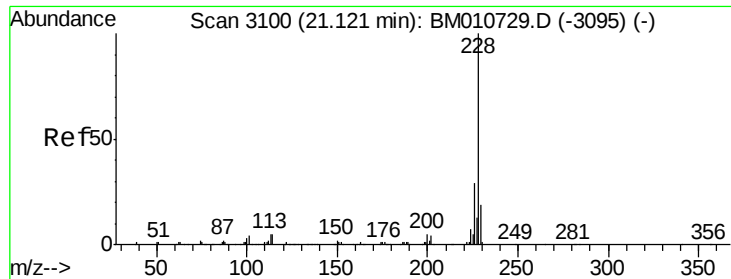
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#80
 Benzo(a)anthracene
 Concen: 1.17 ng/ul
 RT: 21.06 min Scan# 3090
 Delta R.T. -0.01 min
 Lab File: BM010744.D
 Acq: 24 Jun 2017 23:39

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	21.5	15.4	23.0
226	27.4	21.4	32.0





#82
 Chrysene
 Concen: 1.05 ng/ul m
 RT: 21.11 min Scan# 3098
 Delta R.T. -0.01 min
 Lab File: BM010744.D
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100	24631		
226	35.3	23.4	35.2#	
229	22.5	15.5	23.3	

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