

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
 Data File : BM010742.D
 Acq On : 24 Jun 2017 22:28
 Operator : SJ/JU
 Sample : I3653-06MEDL 100X
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5E19MEDL

Manual Integrations
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mohammad
 6/28/2017 7:44:39 AM

Quant Time: Jun 26 08:37:50 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	64547	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	289671	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.11	164	204138	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.86	188	527907	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	599089	20.00	ng/ul	0.00
83) Perylene-d12	23.21	264	479289	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	6.65	99	672	0.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	6.99	132	244	0.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	404	0.08	ng/ul	-0.01
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	9.85	165	791	0.16	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	1152	0.22	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	3900	0.22	ng/ul	0.00
46) Acenaphthylene-d8	13.79	160	4547	0.22	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.11	176	4754	0.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.96	188	5930	0.23	ng/ul	0.00
76) Pyrene-d10	19.27	212	6727	0.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.07	264	4689m	0.20	ng/ul	-0.01

Target Compounds

					Qvalue	
28) Naphthalene	10.27	128	633873	43.972	ng/ul	99
34) 2-Methylnaphthalene	11.89	142	123047	10.619	ng/ul	100
40) 1,1'-Biphenyl	12.93	154	33906	2.124	ng/ul#	94
49) Acenaphthene	14.17	153	107358	8.016	ng/ul	96
53) Dibenzofuran	14.51	168	124815	6.154	ng/ul#	83
58) Fluorene	15.16	166	131863	7.765	ng/ul	99
69) Phenanthrene	16.90	178	607240	21.637	ng/ul	99
71) Anthracene	16.99	178	86986m	3.008	ng/ul	
72) Carbazole	17.27	167	41714	1.654	ng/ul	95
74) Fluoranthene	18.93	202	402690	11.133	ng/ul#	98
77) Pyrene	19.30	202	267584	7.733	ng/ul	98
80) Benzo(a)anthracene	21.06	228	83143	2.383	ng/ul	93
82) Chrysene	21.12	228	61875m	1.989	ng/ul	
85) Benzo(b)fluoranthene	22.59	252	39426	1.267	ng/ul	95

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

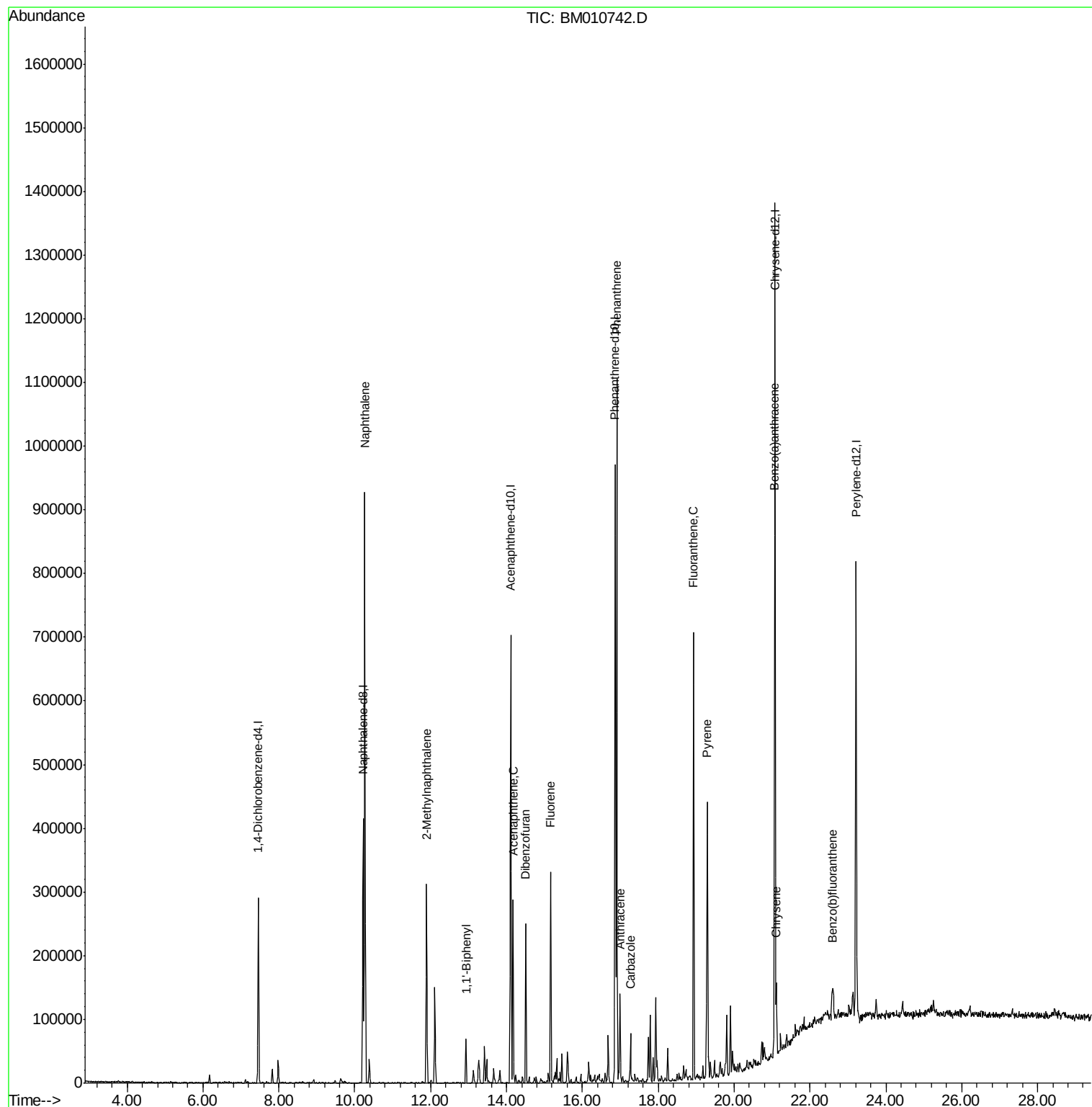
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062317\
Data File : BM010742.D
Acq On : 24 Jun 2017 22:28
Operator : SJ/JU
Sample : I3653-06MEDL 100X
Misc :
ALS Vial : 57 Sample Multiplier: 1

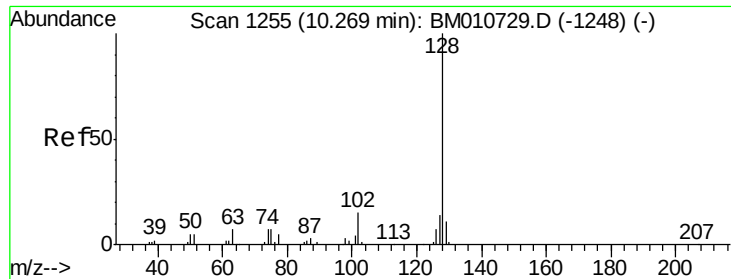
Instrument :
BNA_M
ClientSampleId :
F5E19MEDL

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Quant Title : SVOA CALIBRATION
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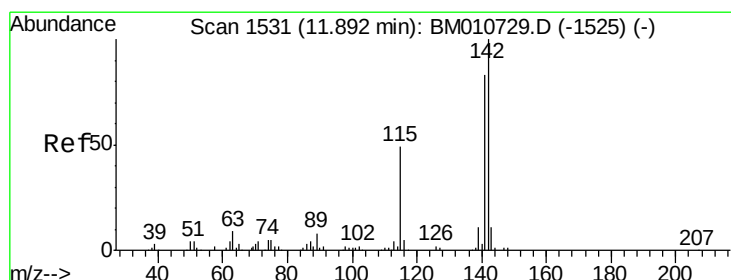
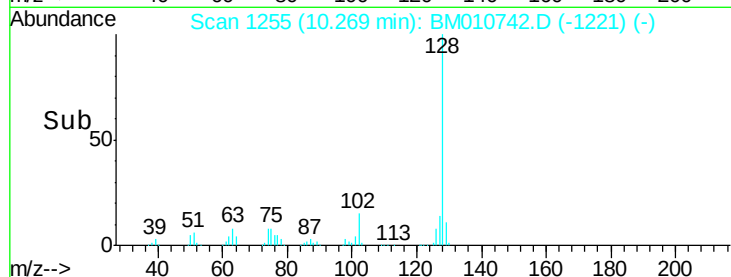
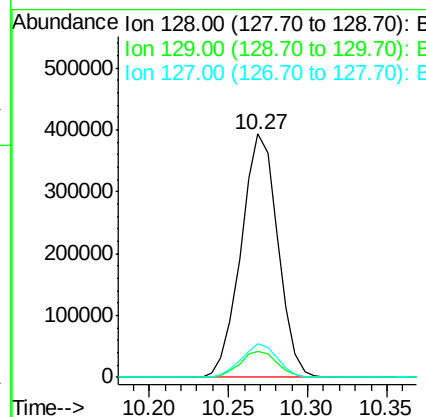
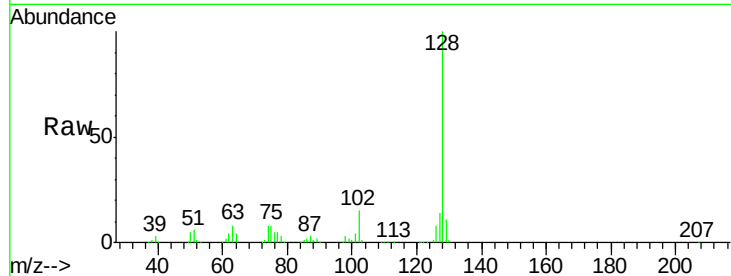
#28
Naphthalene
Concen: 43.972 ng/ul
RT: 10.27 min Scan# 1255
Delta R.T. -0.00 min
Lab File: BM010742.D
Acq: 24 Jun 2017 22:28

Instrument :
BNA_M
ClientSampleId :
F5E19MEDL

Tgt Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.8	13.2
127	13.7	10.6	16.0

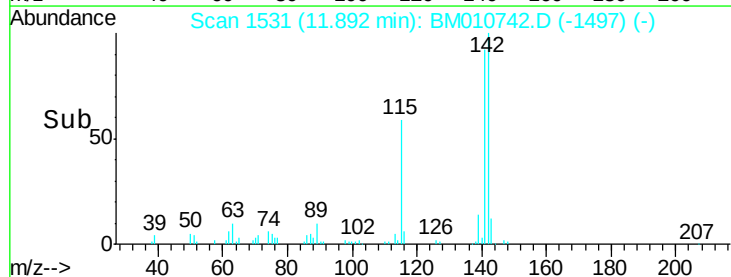
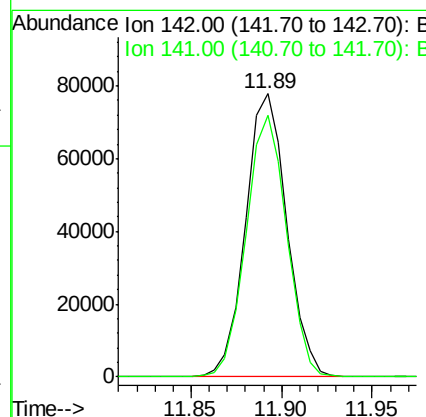
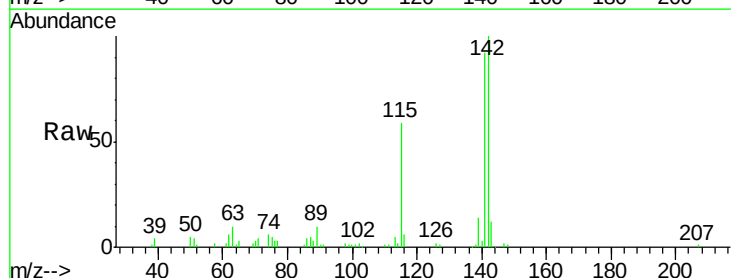
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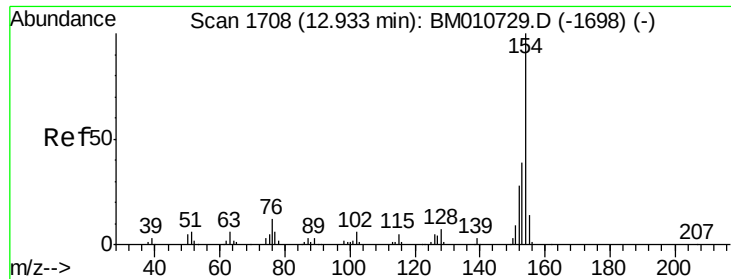
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#34
2-Methylnaphthalene
Concen: 10.619 ng/ul
RT: 11.89 min Scan# 1531
Delta R.T. -0.00 min
Lab File: BM010742.D
Acq: 24 Jun 2017 22:28

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.1	111.1





#40

1,1'-Biphenyl

Concen: 2.124 ng/ul

RT: 12.93 min Scan# 1708

Delta R.T. -0.00 min

Lab File: BM010742.D

Acq: 24 Jun 2017 22:28

Instrument :

BNA_M

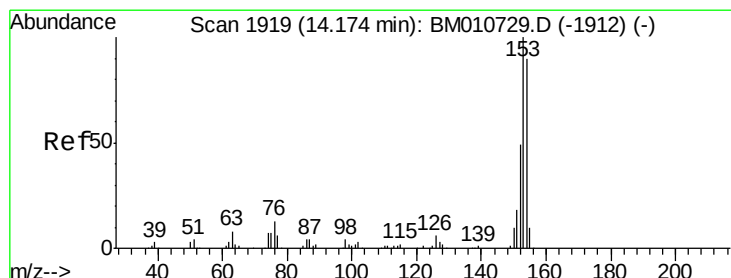
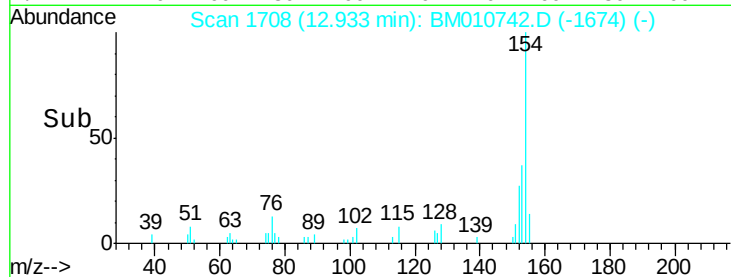
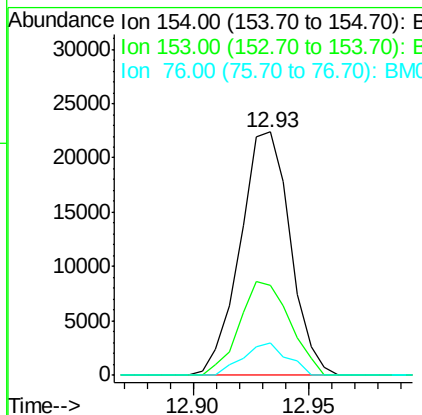
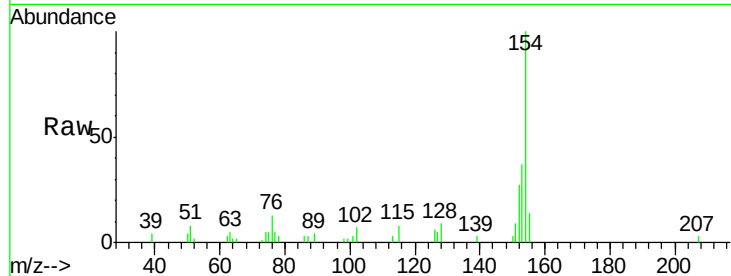
ClientSampleId :

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Tgt Ion:	154	Resp:	33906
Ion Ratio	Lower	Upper	
154	100		
153	37.1	32.6	48.8
76	13.1	8.5	12.7#

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#49

Acenaphthene

Concen: 8.016 ng/ul

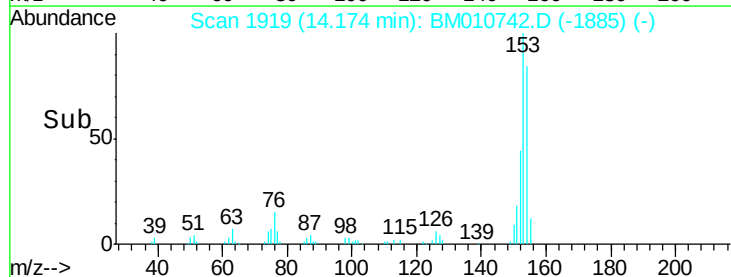
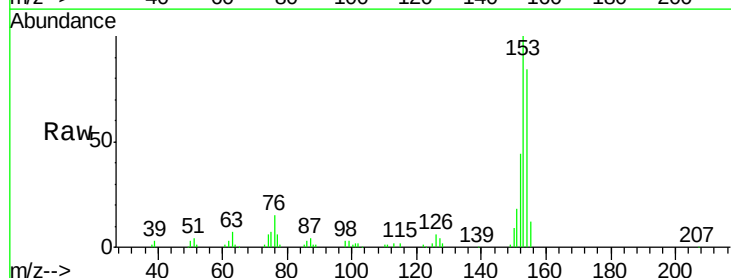
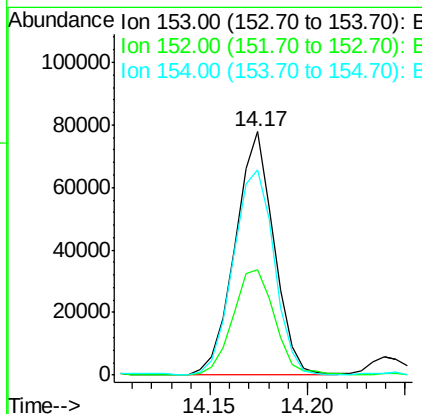
RT: 14.17 min Scan# 1919

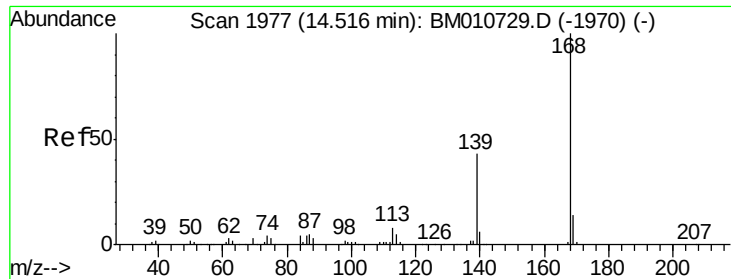
Delta R.T. -0.00 min

Lab File: BM010742.D

Acq: 24 Jun 2017 22:28

Tgt Ion:	153	Resp:	107358
Ion Ratio	Lower	Upper	
153	100		
152	43.5	37.6	56.4
154	84.4	70.4	105.6





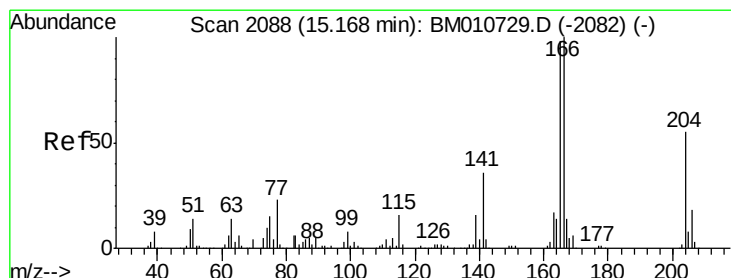
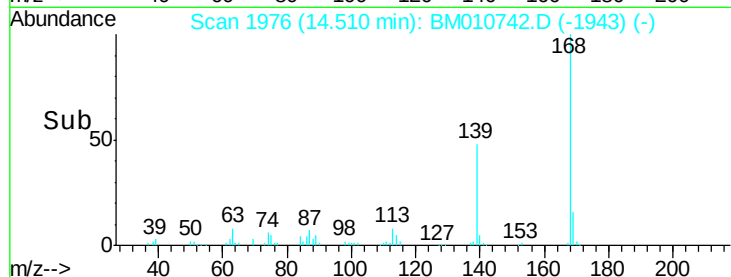
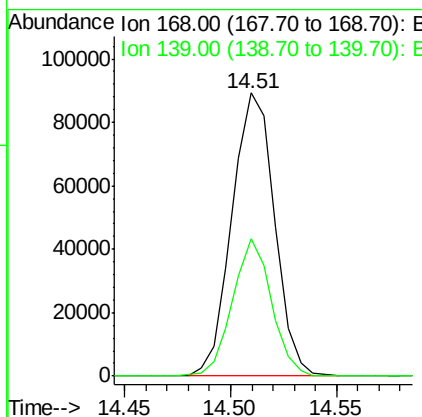
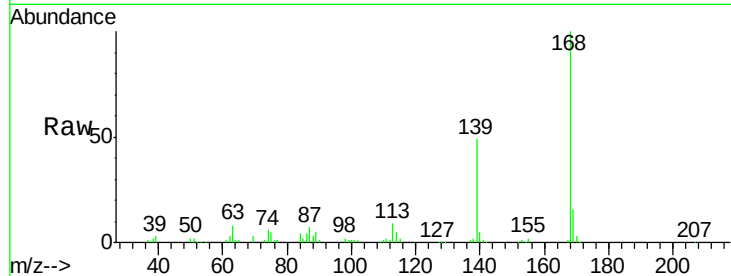
#53
Dibenzofuran
Concen: 6.154 ng/ul
RT: 14.51 min Scan# 1976
Delta R.T. -0.01 min
Lab File: BM010742.D
Acq: 24 Jun 2017 22:28

Instrument :
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ClientSampleId :
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Tgt Ion:168 Resp: 124815
Ion Ratio Lower Upper
168 100
139 48.5 30.8 46.2#

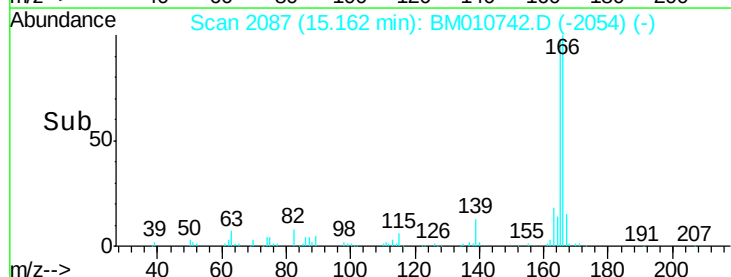
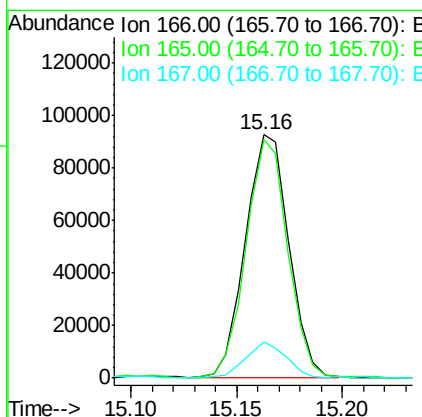
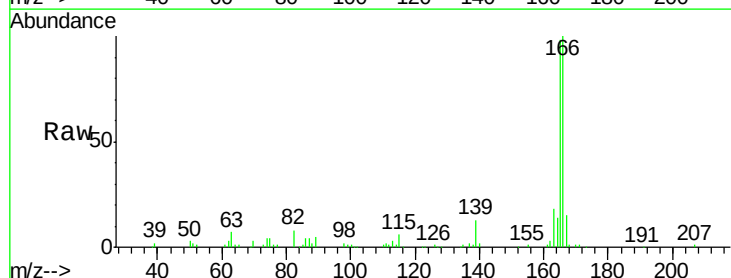
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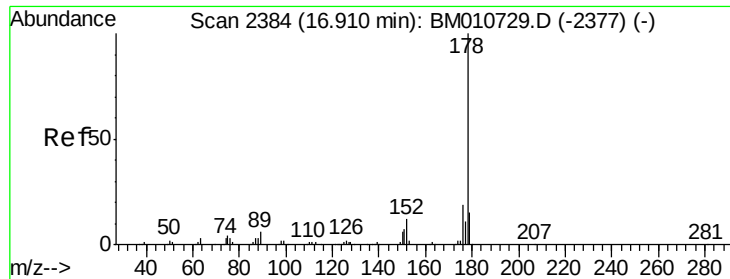
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#58
Fluorene
Concen: 7.765 ng/ul
RT: 15.16 min Scan# 2087
Delta R.T. -0.01 min
Lab File: BM010742.D
Acq: 24 Jun 2017 22:28

Tgt Ion:166 Resp: 131863
Ion Ratio Lower Upper
166 100
165 98.1 77.9 116.9
167 15.1 10.6 16.0





#69

Phenanthrene

Concen: 21.637 ng/ul

RT: 16.90 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM010742.D

Acq: 24 Jun 2017 22:28

Instrument :

BNA_M

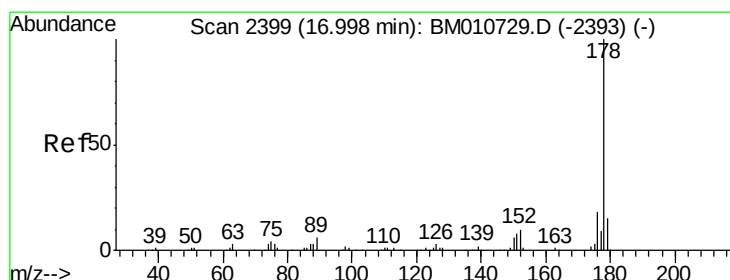
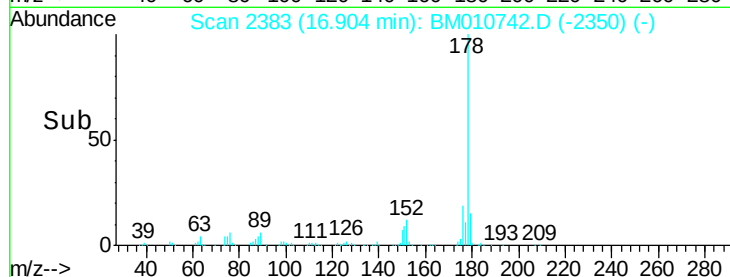
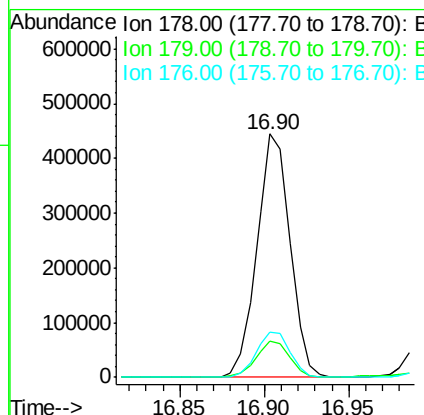
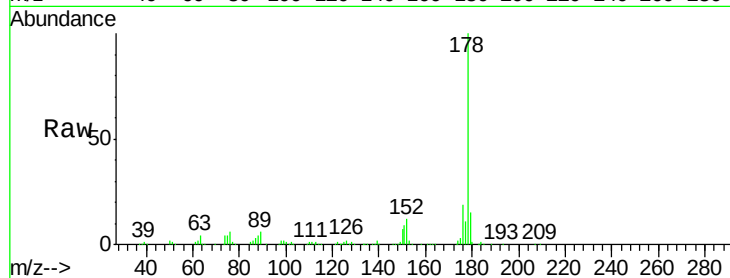
ClientSampleId :

F5E19MEDL

Tgt Ion:	178	Resp:	607240
Ion Ratio		Lower	Upper
178	100		
179	15.1	12.6	19.0
176	18.6	14.9	22.3

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#71

Anthracene

Concen: 3.008 ng/ul m

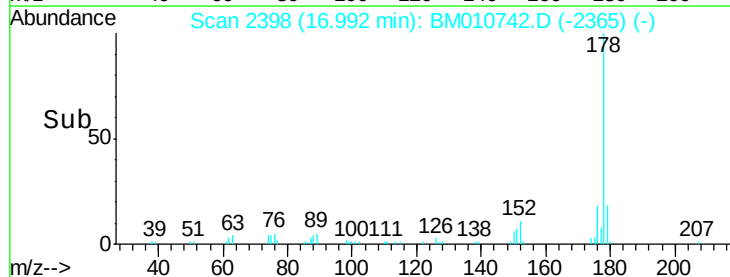
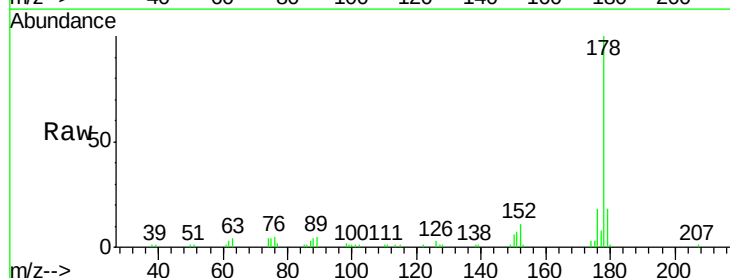
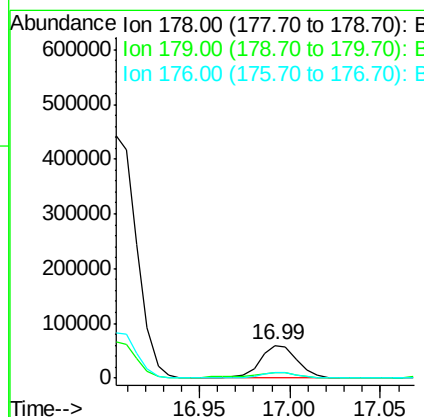
RT: 16.99 min Scan# 2398

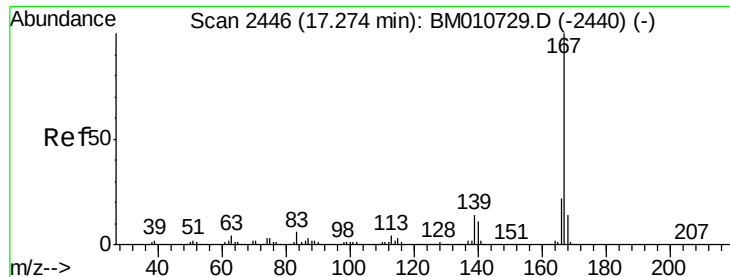
Delta R.T. -0.01 min

Lab File: BM010742.D

Acq: 24 Jun 2017 22:28

Tgt Ion:	178	Resp:	86986
Ion Ratio		Lower	Upper
178	100		
179	17.9	11.7	17.5#
176	18.0	14.6	21.8





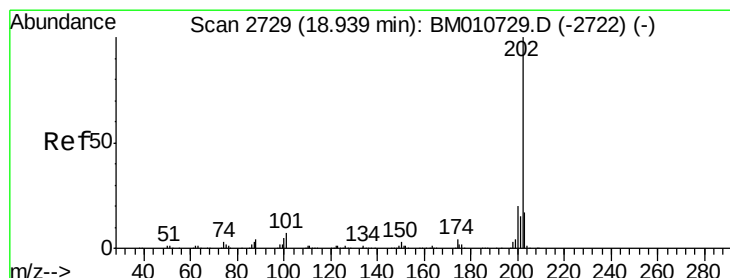
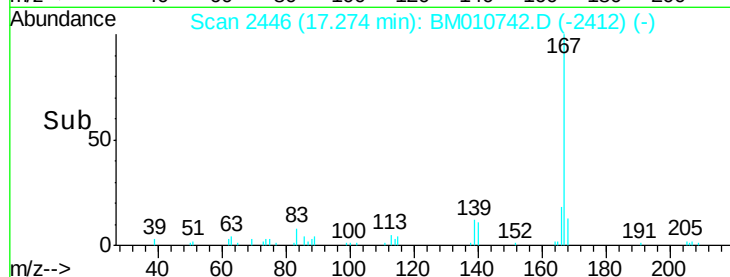
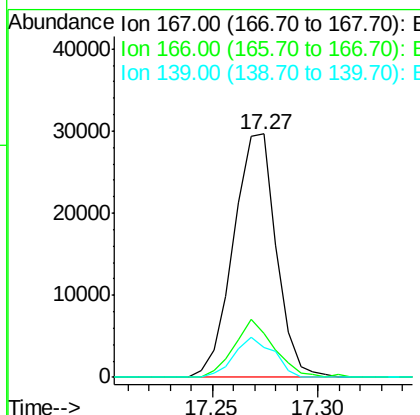
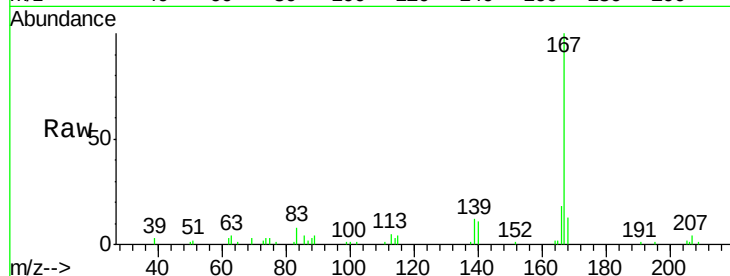
#72
 Carbazole
 Concen: 1.654 ng/ul
 RT: 17.27 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BM010742.D
 Acq: 24 Jun 2017 22:28

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Tgt Ion	Ratio	Resp	Lower	Upper
167	100	41714		
166	18.1	17.1	25.7	
139	12.4	10.0	15.0	

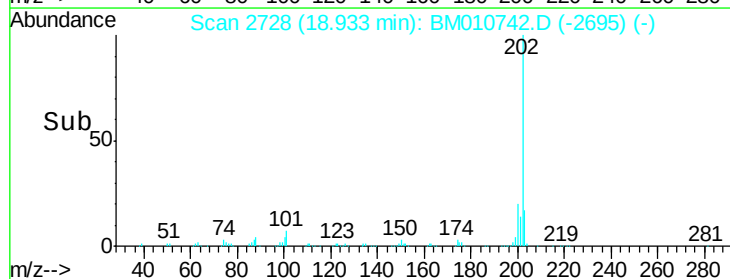
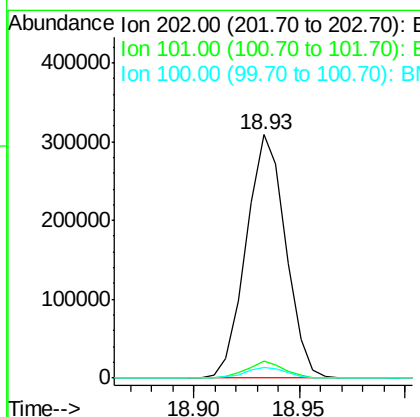
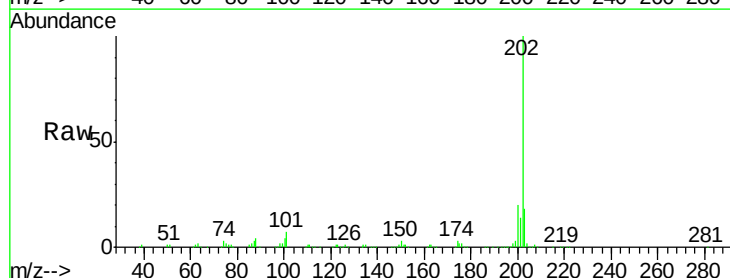
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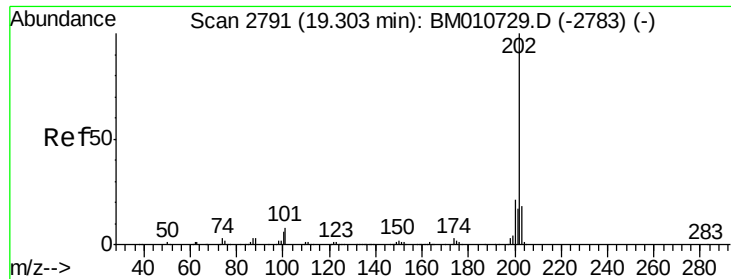
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#74
 Fluoranthene
 Concen: 11.133 ng/ul
 RT: 18.93 min Scan# 2728
 Delta R.T. -0.01 min
 Lab File: BM010742.D
 Acq: 24 Jun 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	402690		
101	7.0	4.6	7.0#	
100	4.5	3.4	5.2	





#77

Pyrene

Concen: 7.733 ng/ul

RT: 19.30 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BM010742.D

Acq: 24 Jun 2017 22:28

Instrument :

BNA_M

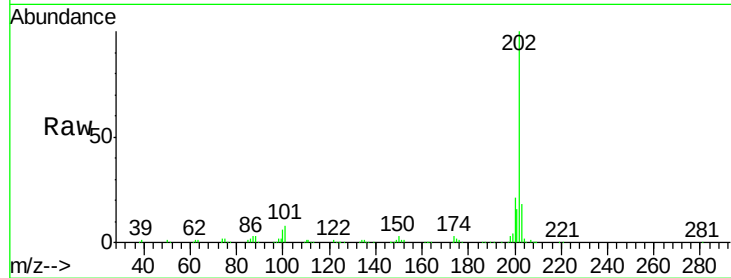
ClientSampleId :

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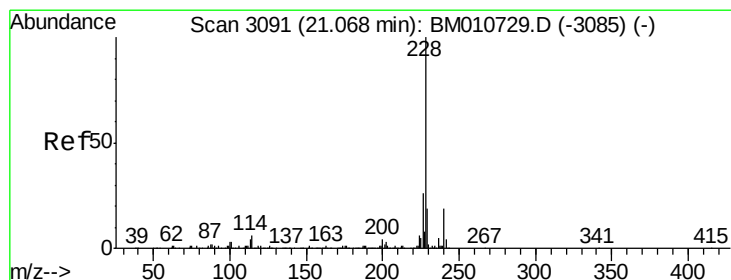
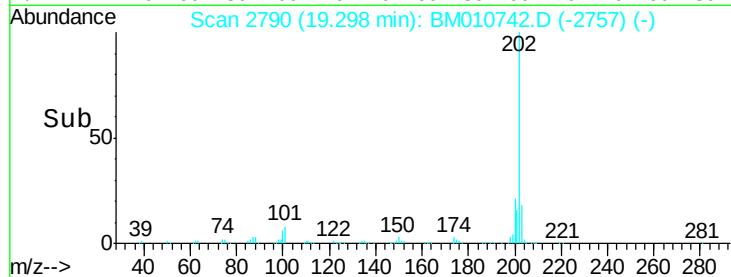
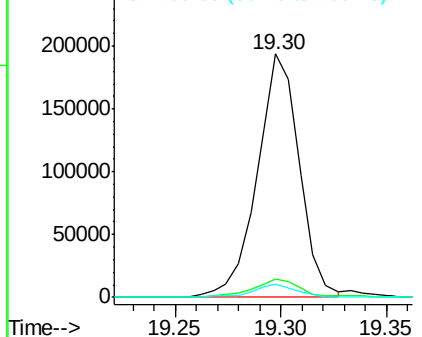
Tgt Ion:	202	Resp:	267584
Ion Ratio	Lower	Upper	
202	100		
101	7.6	5.1	7.7
100	5.7	4.9	7.3

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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: 2.383 ng/ul

RT: 21.06 min Scan# 3090

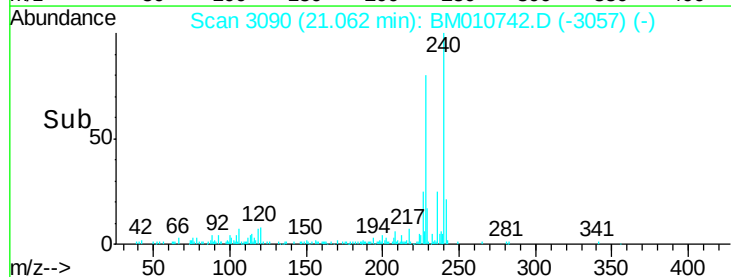
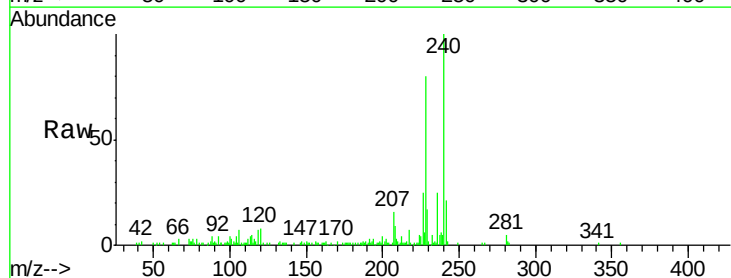
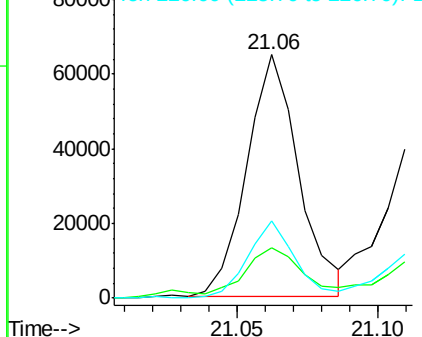
Delta R.T. -0.01 min

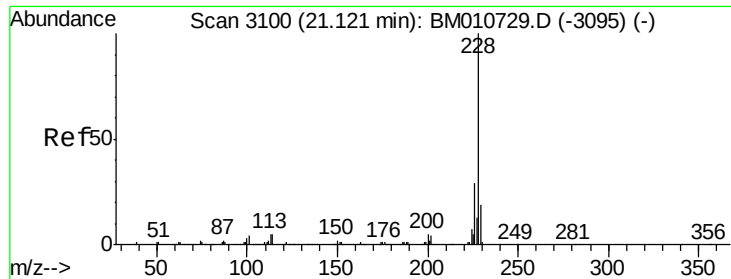
Lab File: BM010742.D

Acq: 24 Jun 2017 22:28

Tgt Ion:	228	Resp:	83143
Ion Ratio	Lower	Upper	
228	100		
229	20.7	15.4	23.0
226	31.6	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





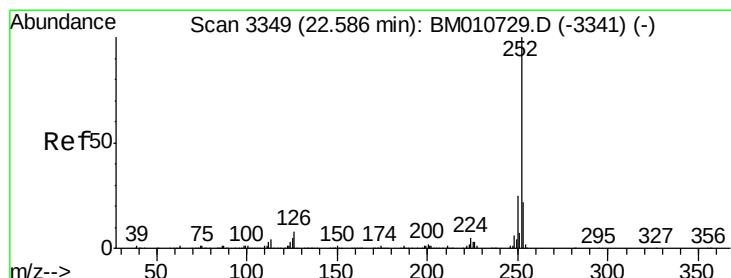
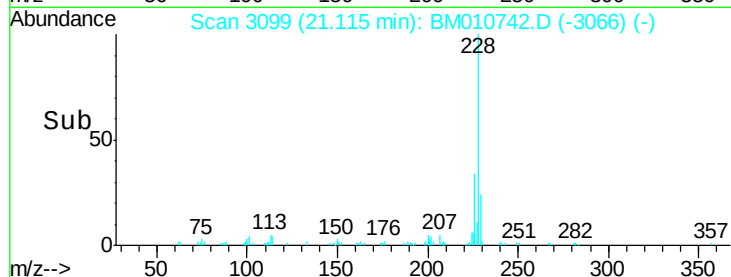
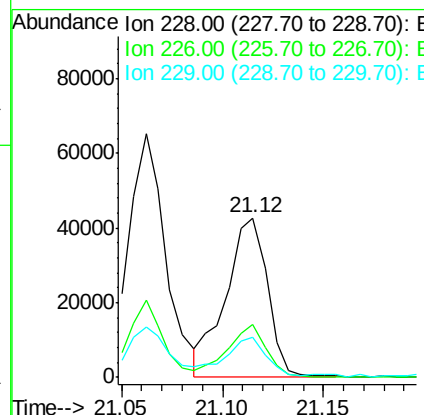
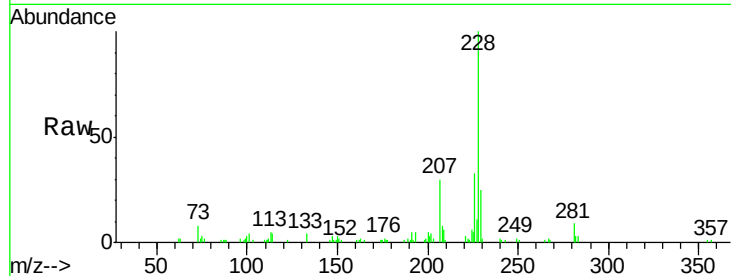
#82
 Chrysene
 Concen: 1.989 ng/ul m
 RT: 21.12 min Scan# 3099
 Delta R.T. -0.01 min
 Lab File: BM010742.D
 Acq: 24 Jun 2017 22:28

Instrument :
 BNA_M
 ClientSampleId :
 F5E19MEDL

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	61875		
226	33.3	23.4	35.2	
229	24.8	15.5	23.3#	

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mohammad
 6/28/2017 7:44:39 AM



#85
 Benzo(b)fluoranthene
 Concen: 1.267 ng/ul
 RT: 22.59 min Scan# 3349
 Delta R.T. -0.00 min
 Lab File: BM010742.D
 Acq: 24 Jun 2017 22:28

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	39426		
253	25.0	17.9	26.9	
125	5.1	3.6	5.4	

