

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
 Data File : BM010666.D
 Acq On : 22 Jun 2017 18:57
 Operator : SJ/JU
 Sample : I3558-15MEDL 100X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C88MEDL

Manual Integrations
 APPROVED

mohammad
 6/26/2017 8:25:55 AM

Quant Time: Jun 23 11:21:48 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM062017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jun 23 05:06:10 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.46	152	56860	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	256689	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.12	164	185933	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.87	188	472329	20.00	ng/ul	0.00
75) Chrysene-d12	21.08	240	563792	20.00	ng/ul	0.00
83) Perylene-d12	23.22	264	463742	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	684	0.13	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	8.16	113	446	0.10	ng/ul	0.00
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	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.37	131	1224	0.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.53	166	3662	0.22	ng/ul	0.00
46) Acenaphthylene-d8	13.80	160	3951	0.21	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.11	176	3999	0.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.96	188	6151m	0.27	ng/ul	0.00
76) Pyrene-d10	19.27	212	6205	0.24	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.08	264	4654	0.21	ng/ul	0.00

Target Compounds

					Qvalue	
28) Naphthalene	10.27	128	460263	36.031	ng/ul	99
34) 2-Methylnaphthalene	11.90	142	91855	8.945	ng/ul	96
40) 1,1'-Biphenyl	12.93	154	25648	1.764	ng/ul#	87
49) Acenaphthene	14.17	153	75598	6.198	ng/ul	99
53) Dibenzofuran	14.52	168	93290	5.050	ng/ul	90
58) Fluorene	15.17	166	95362	6.166	ng/ul	97
69) Phenanthrene	16.91	178	428208	17.053	ng/ul	99
71) Anthracene	17.00	178	57686	2.230	ng/ul	99
72) Carbazole	17.27	167	26978	1.195	ng/ul#	88
74) Fluoranthene	18.94	202	280045	8.654	ng/ul#	97
77) Pyrene	19.30	202	185410	5.694	ng/ul#	98
80) Benzo(a)anthracene	21.06	228	63019	1.919	ng/ul	95
82) Chrysene	21.12	228	45776	1.564	ng/ul	97
85) Benzo(b)fluoranthene	22.58	252	31276	1.039	ng/ul#	97

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

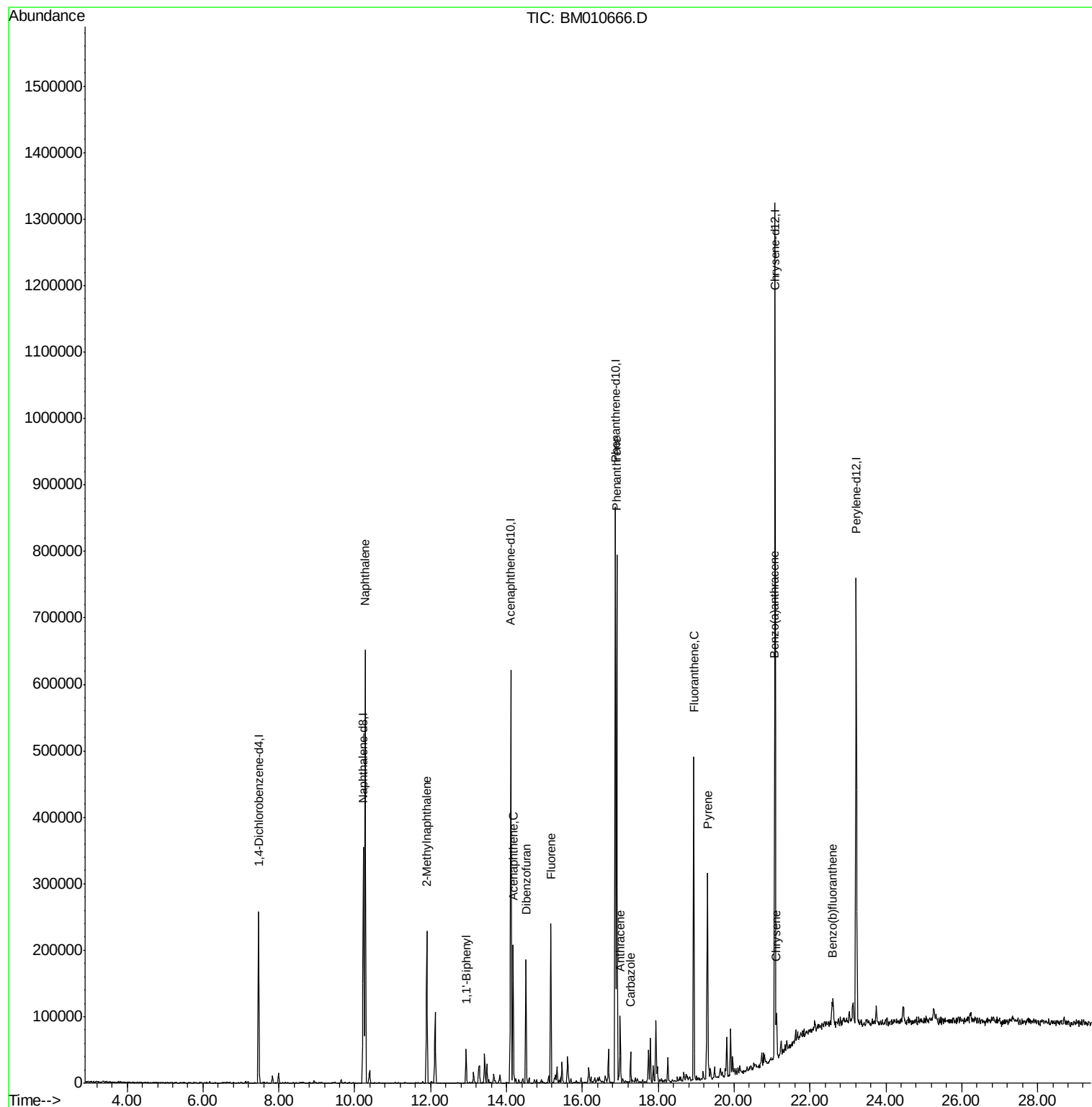
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062217\
Data File : BM010666.D
Acq On : 22 Jun 2017 18:57
Operator : SJ/JU
Sample : I3558-15MEDL 100X
Misc :
ALS Vial : 17 Sample Multiplier: 1

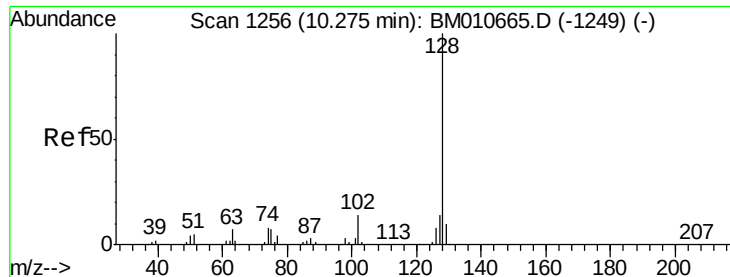
Instrument :
BNA_M
ClientSampleId :
F5C88MEDL

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





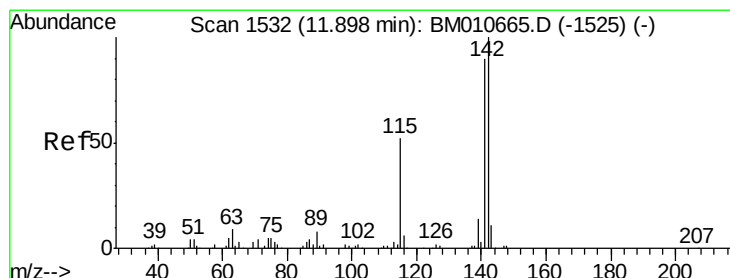
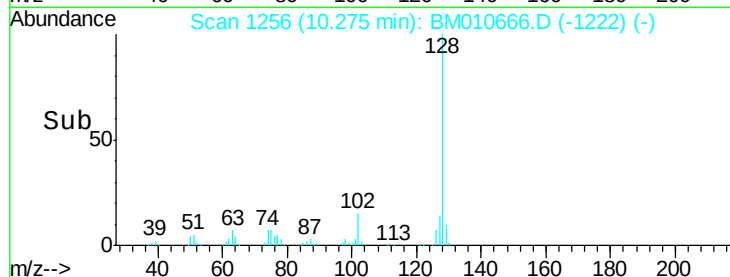
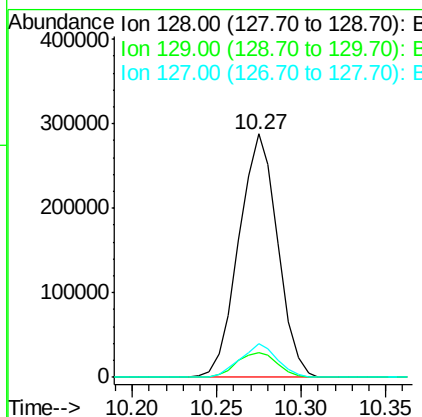
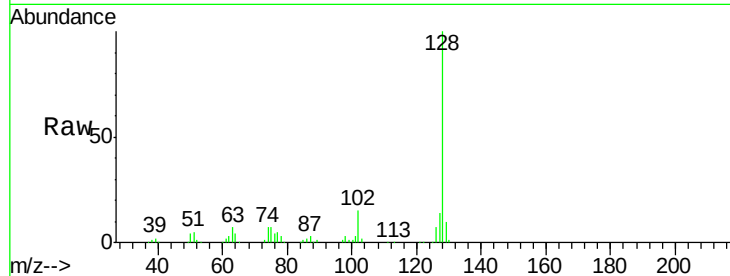
#28
Naphthalene
Concen: 36.031 ng/ul
RT: 10.27 min Scan# 1256
Delta R.T. -0.00 min
Lab File: BM010666.D
Acq: 22 Jun 2017 18:57

Instrument :
BNA_M
ClientSampleId :
F5C88MEDL

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	460263		
129	10.4		8.8	13.2
127	13.7		10.6	16.0

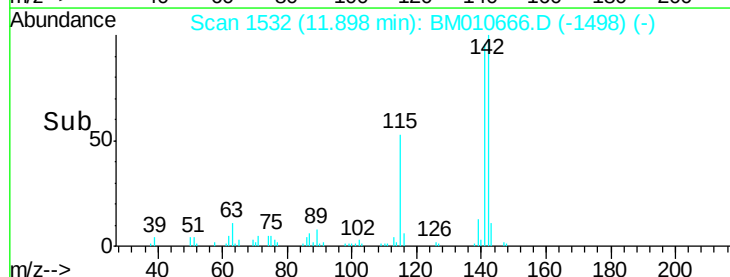
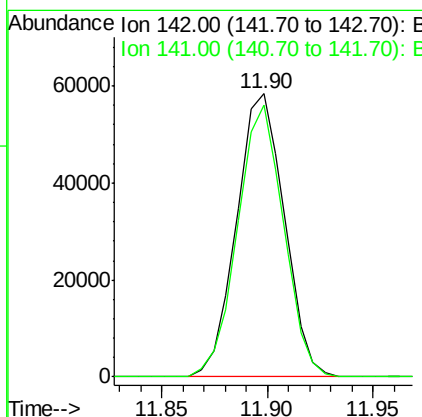
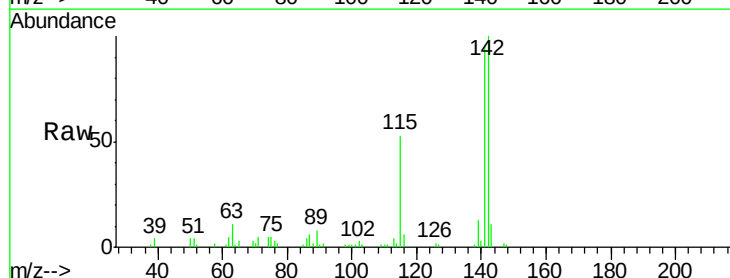
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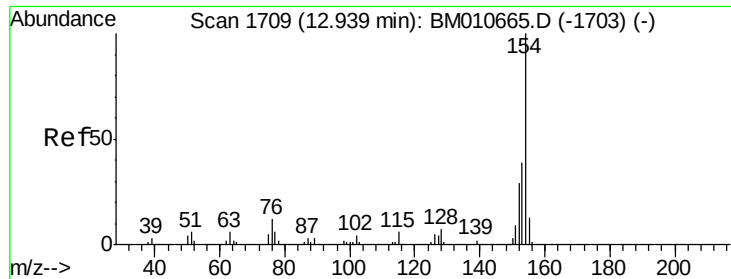
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#34
2-Methylnaphthalene
Concen: 8.945 ng/ul
RT: 11.90 min Scan# 1532
Delta R.T. -0.00 min
Lab File: BM010666.D
Acq: 22 Jun 2017 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	91855		
141	96.2		74.1	111.1





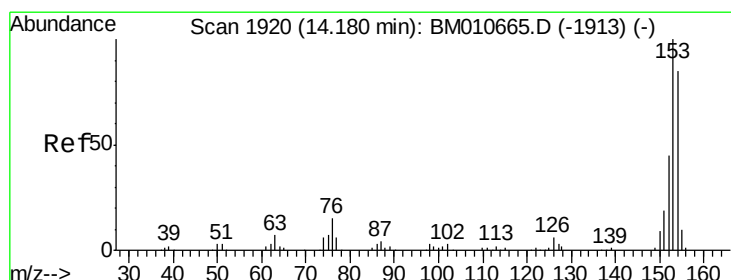
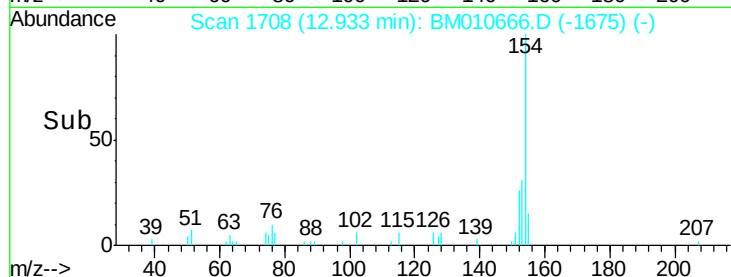
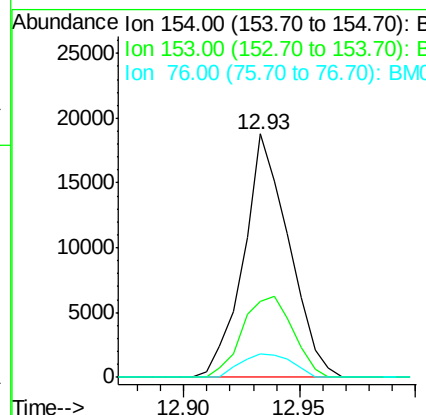
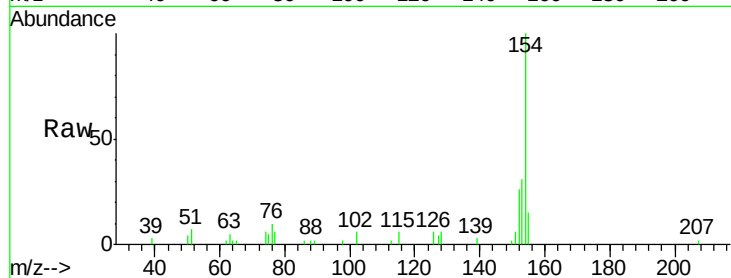
#40
 1,1'-Biphenyl
 Concen: 1.764 ng/ul
 RT: 12.93 min Scan# 1708
 Delta R.T. -0.01 min
 Lab File: BM010666.D
 Acq: 22 Jun 2017 18:57

Instrument :
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 F5C88MEDL

Tgt Ion	Ratio	Lower	Upper
154	100		
153	30.9	32.6	48.8#
76	9.5	8.5	12.7

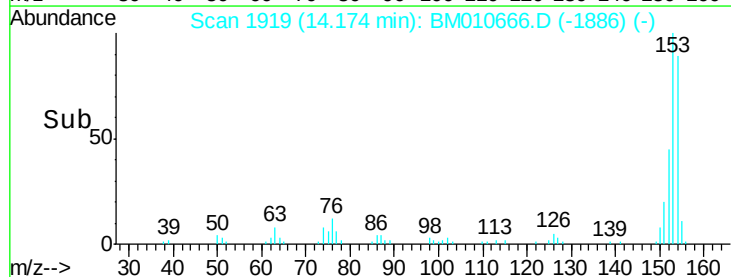
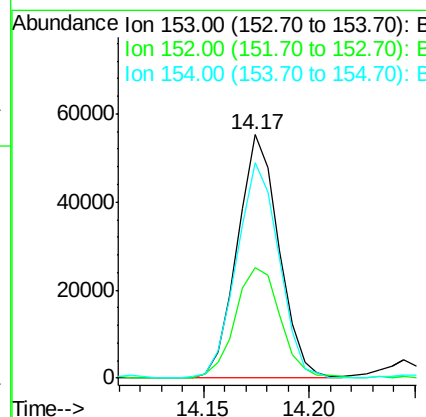
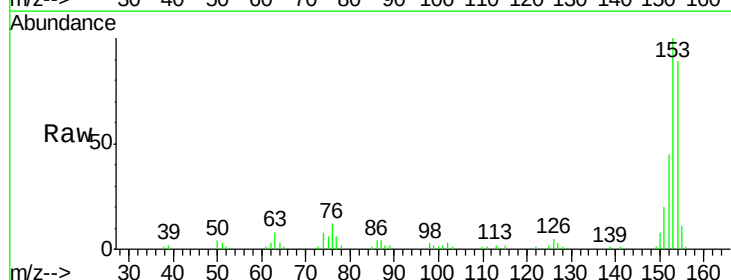
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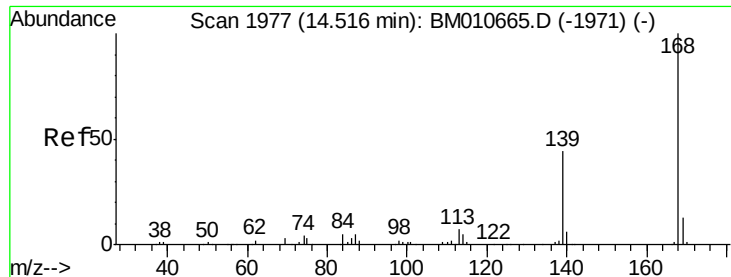
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#49
 Acenaphthene
 Concen: 6.198 ng/ul
 RT: 14.17 min Scan# 1919
 Delta R.T. -0.01 min
 Lab File: BM010666.D
 Acq: 22 Jun 2017 18:57

Tgt Ion	Ratio	Lower	Upper
153	100		
152	45.4	37.6	56.4
154	88.6	70.4	105.6





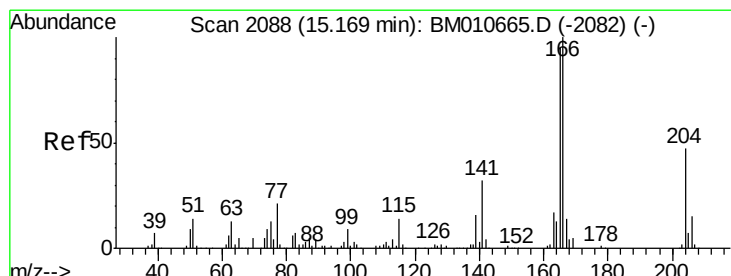
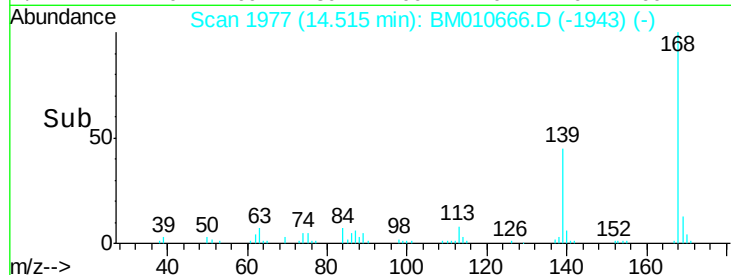
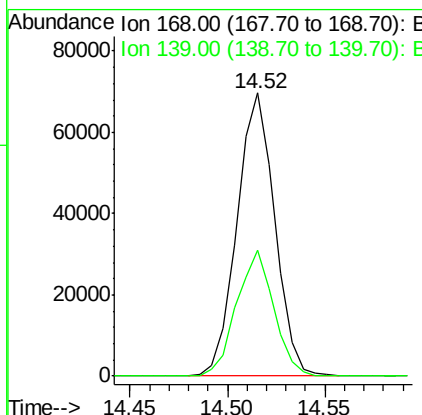
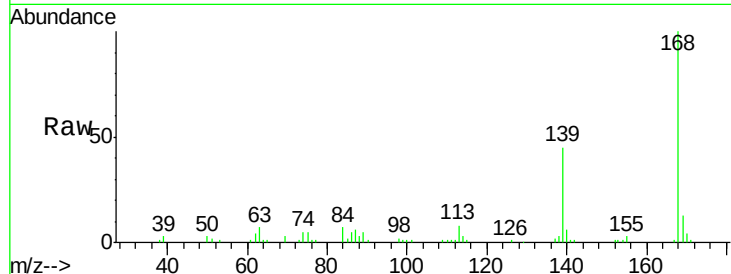
#53
Dibenzenofuran
Concen: 5.050 ng/ul
RT: 14.52 min Scan# 1977
Delta R.T. -0.00 min
Lab File: BM010666.D
Acq: 22 Jun 2017 18:57

Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:168 Resp: 93290
Ion Ratio Lower Upper
168 100
139 44.5 30.8 46.2

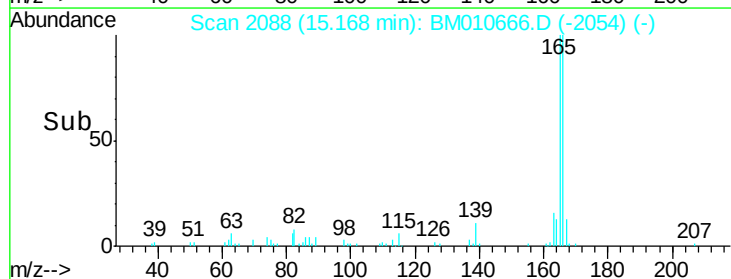
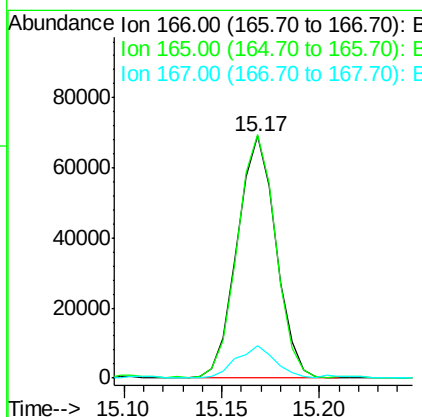
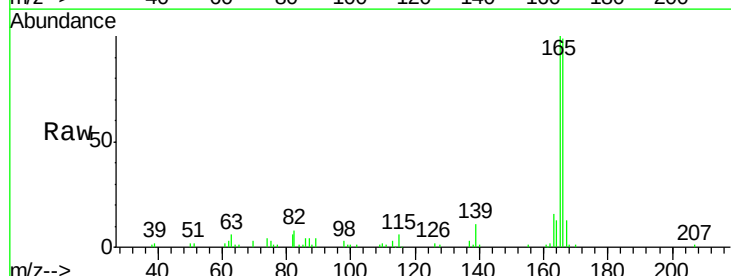
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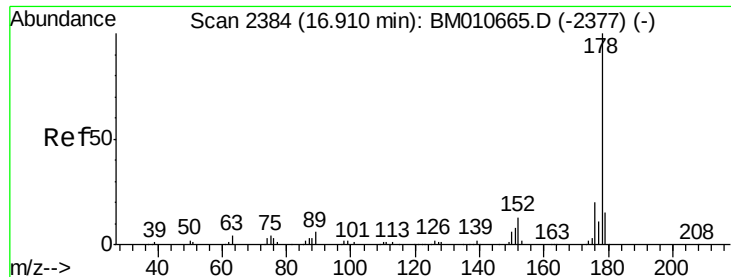
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#58
Fluorene
Concen: 6.166 ng/ul
RT: 15.17 min Scan# 2088
Delta R.T. -0.00 min
Lab File: BM010666.D
Acq: 22 Jun 2017 18:57

Tgt Ion:166 Resp: 95362
Ion Ratio Lower Upper
166 100
165 100.5 77.9 116.9
167 13.5 10.6 16.0





#69

Phenanthrene

Concen: 17.053 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM010666.D

Acq: 22 Jun 2017 18:57

Instrument :

BNA_M

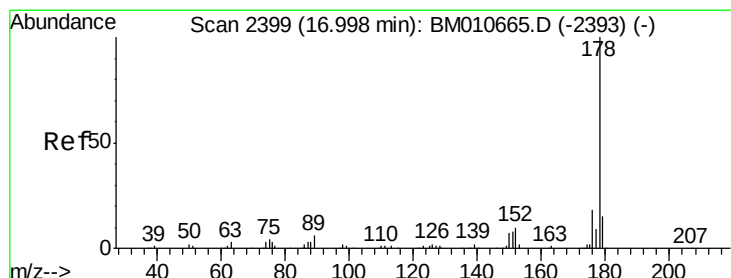
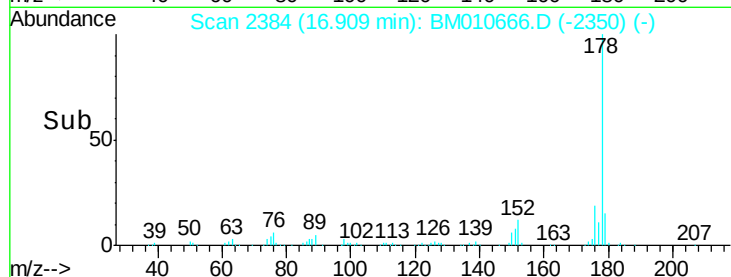
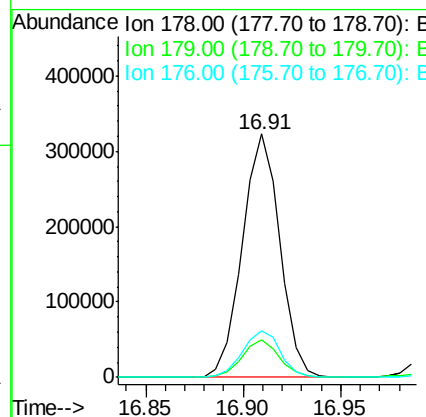
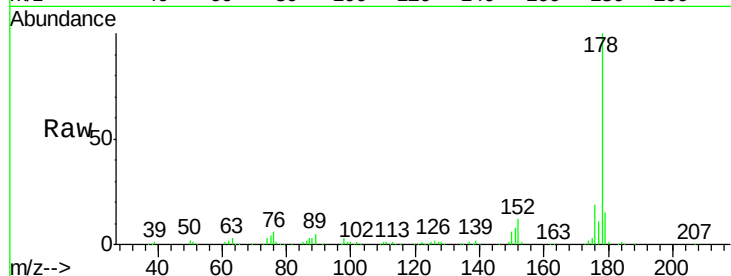
ClientSampleId :

F5C88MEDL

Tgt Ion:	178	Resp:	428208
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.6	19.0
176	18.9	14.9	22.3

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#71

Anthracene

Concen: 2.230 ng/ul

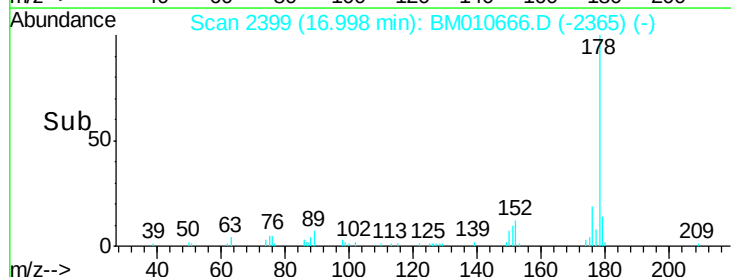
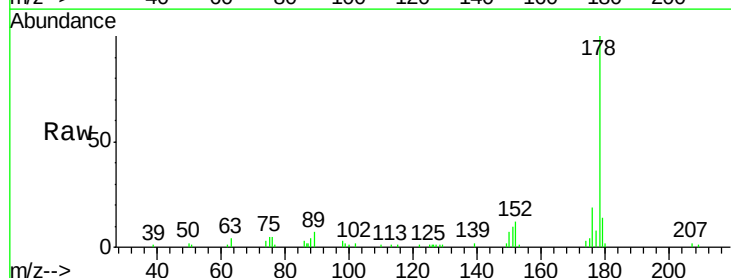
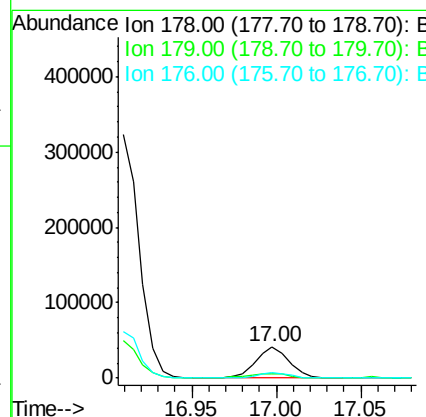
RT: 17.00 min Scan# 2399

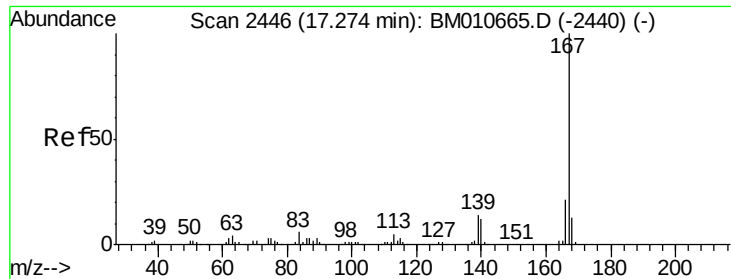
Delta R.T. -0.00 min

Lab File: BM010666.D

Acq: 22 Jun 2017 18:57

Tgt Ion:	178	Resp:	57686
Ion Ratio	Lower	Upper	
178	100		
179	14.4	11.7	17.5
176	19.0	14.6	21.8





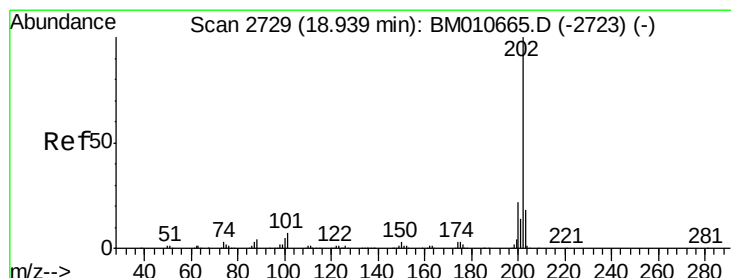
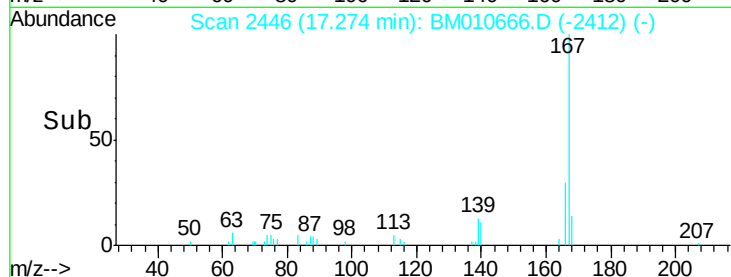
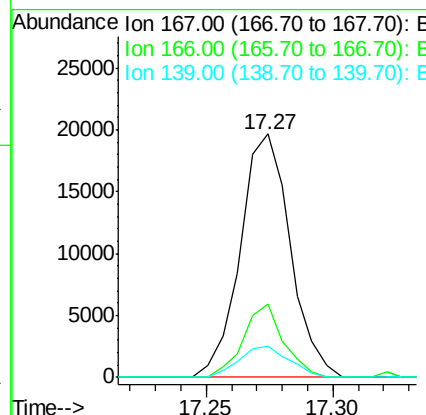
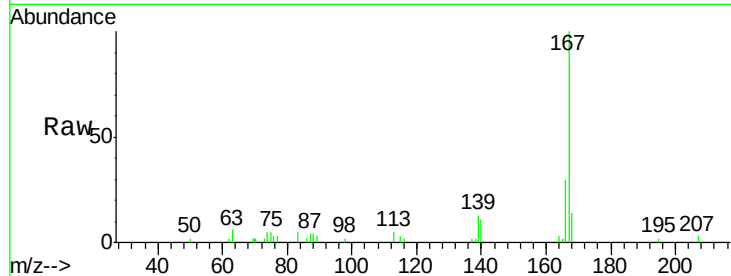
#72
 Carbazole
 Concen: 1.195 ng/ul
 RT: 17.27 min Scan# 2446
 Delta R.T. -0.00 min
 Lab File: BM010666.D
 Acq: 22 Jun 2017 18:57

Instrument :
 BNA_M
 ClientSampleId :
 F5C88MEDL

Tgt Ion	Ratio	Resp	Lower	Upper
167	100	26978		
166	29.9	17.1	25.7#	
139	12.7	10.0	15.0	

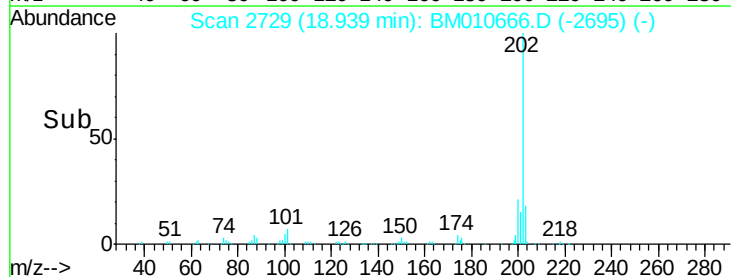
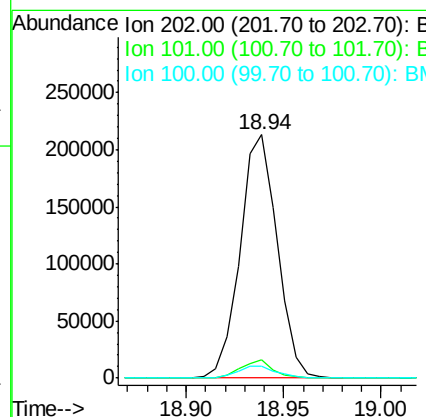
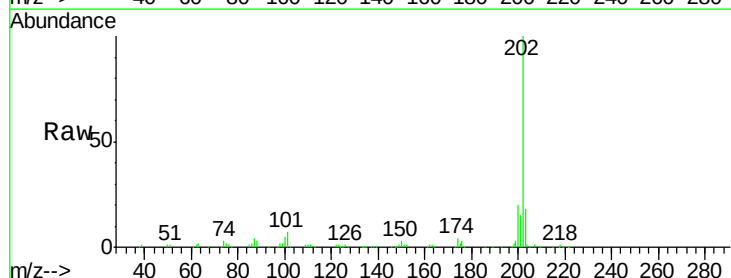
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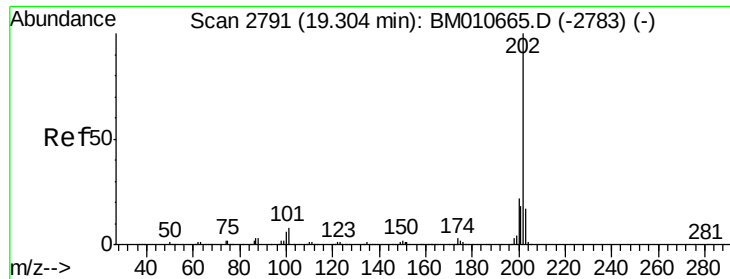
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#74
 Fluoranthene
 Concen: 8.654 ng/ul
 RT: 18.94 min Scan# 2729
 Delta R.T. -0.00 min
 Lab File: BM010666.D
 Acq: 22 Jun 2017 18:57

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	280045		
101	7.3	4.6	7.0#	
100	4.8	3.4	5.2	





#77

Pyrene

Concen: 5.694 ng/ul

RT: 19.30 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BM010666.D

Acq: 22 Jun 2017 18:57

Instrument :

BNA_M

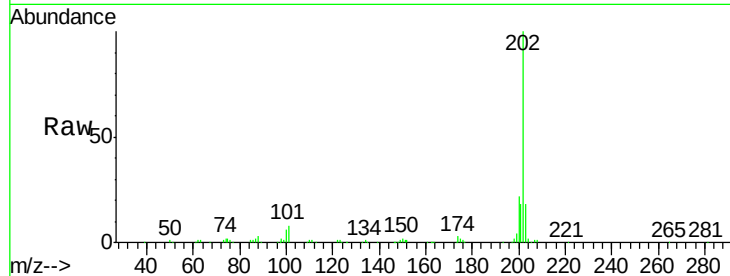
ClientSampleId :

F5C88MEDL

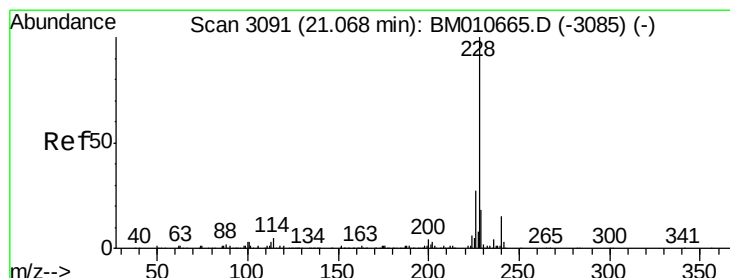
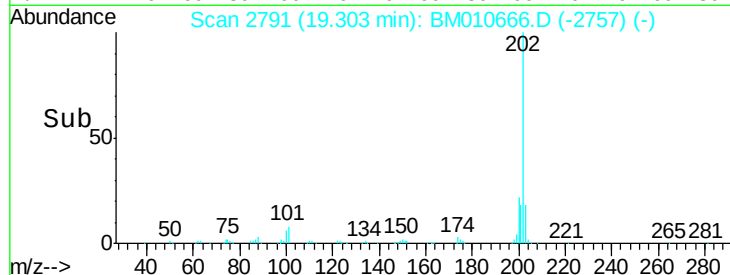
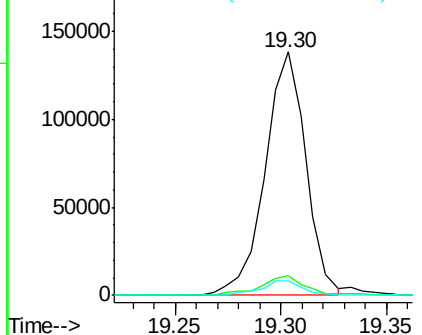
Tgt Ion:	202	Resp:	185410
Ion Ratio	Lower	Upper	
202	100		
101	8.0	5.1	7.7#
100	6.1	4.9	7.3

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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: 1.919 ng/ul

RT: 21.06 min Scan# 3090

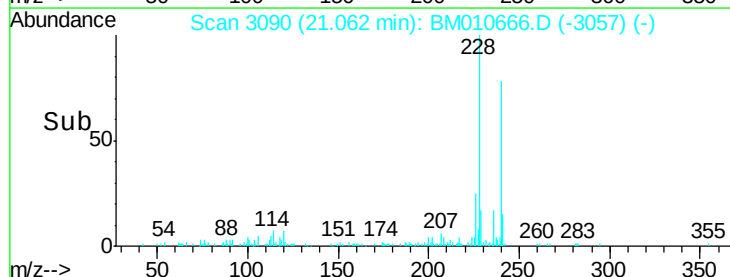
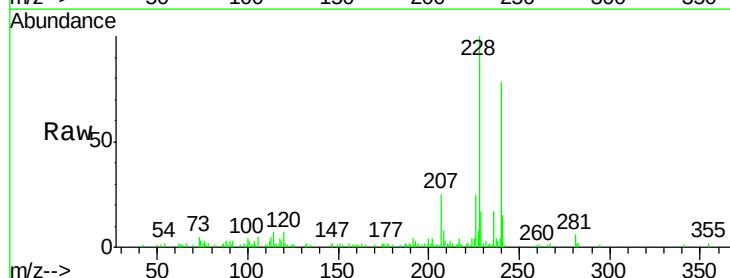
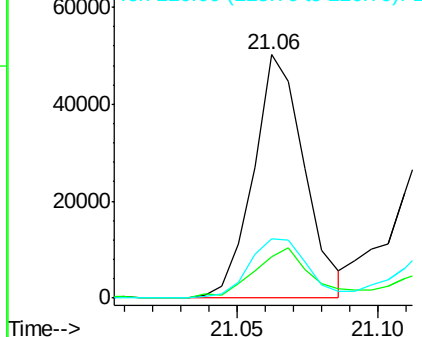
Delta R.T. -0.01 min

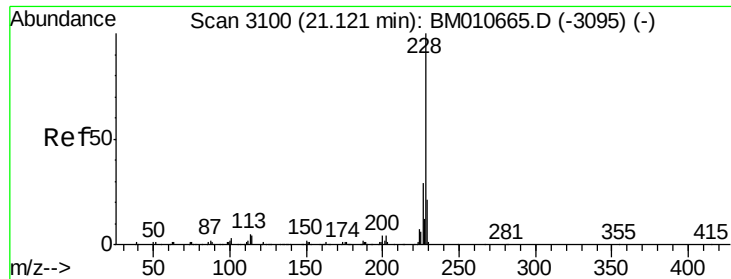
Lab File: BM010666.D

Acq: 22 Jun 2017 18:57

Tgt Ion:	228	Resp:	63019
Ion Ratio	Lower	Upper	
228	100		
229	16.8	15.4	23.0
226	24.6	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





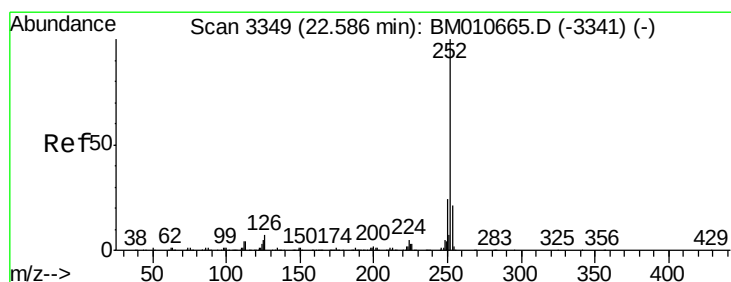
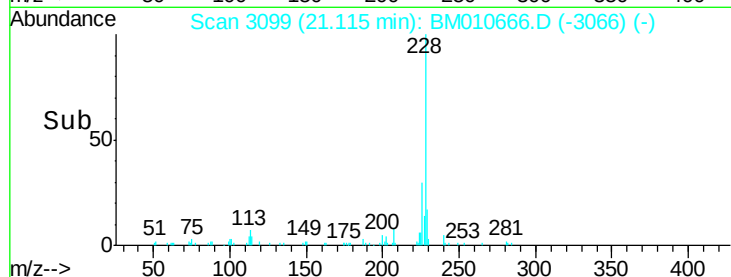
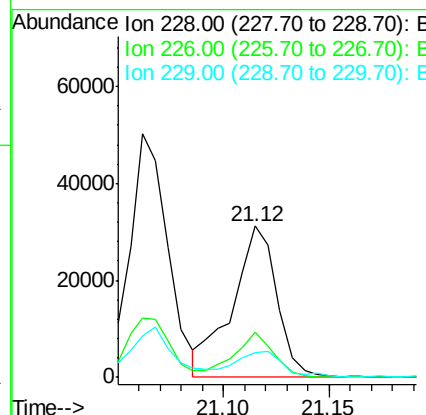
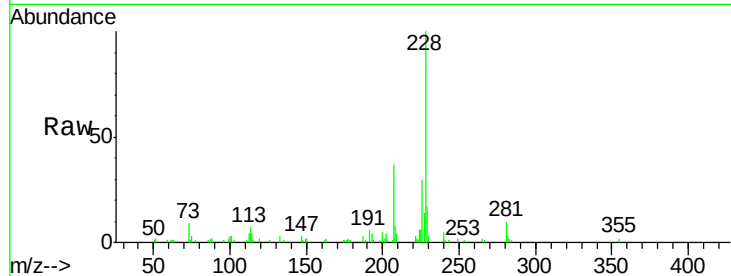
#82
Chrysene
Concen: 1.564 ng/ul
RT: 21.12 min Scan# 3099
Delta R.T. -0.01 min
Lab File: BM010666.D
Acq: 22 Jun 2017 18:57

Instrument :
BNA_M
ClientSampleId :
F5C88MEDL

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.6	23.4	35.2
229	16.8	15.5	23.3

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#85
Benzo(b)fluoranthene
Concen: 1.039 ng/ul
RT: 22.58 min Scan# 3348
Delta R.T. -0.01 min
Lab File: BM010666.D
Acq: 22 Jun 2017 18:57

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.9	26.9
125	7.4	3.6	5.4

