

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122015\
 Data File : BM003663.D
 Acq On : 20 Dec 2015 20:28
 Operator : UM/SJ
 Sample : G4867-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9DA6

Manual Integrations
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Quant Time: Dec 23 12:18:13 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 03:56:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	20792	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	99346	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	65552	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	154544	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	214625	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	210190	20.00	ng/ul	0.00

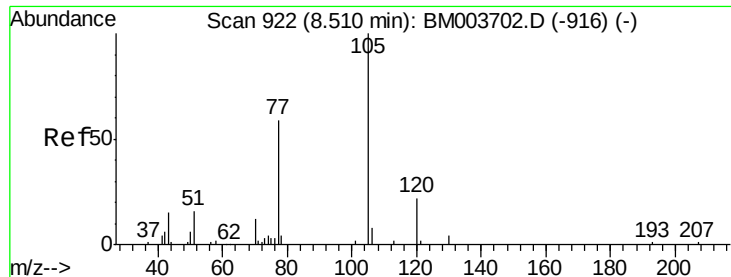
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	400	1.04	ng/uL	0.00
5) Phenol-d5	6.87	99	13990	7.98	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	33237	35.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	43007	30.07	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	28911	19.05	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	28992	40.23	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	31637	39.02	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	51654	34.90	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.76	166	197692	36.49	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	230579	37.38	ng/ul	0.00
52) 4-Nitrophenol-d4	14.57	143	9774	9.26	ng/ul	0.00
58) Fluorene-d10	15.34	176	165593	36.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	31185	35.80	ng/ul	0.00
71) Anthracene-d10	17.20	188	281129	39.98	ng/ul	0.00
79) Pyrene-d10	19.50	212	342156	36.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	411613	39.42	ng/ul	0.00

Target Compounds

						Ovalue
14) Acetophenone	8.51	105	15219	6.42	ng/ul#	78
28) Naphthalene	10.56	128	3598385	703.02	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	31219	8.17	ng/ul	98
41) 1,1'-Biphenyl	13.18	154	388234	72.92	ng/ul	99
48) Acenaphthylene	14.07	152	471906	69.97	ng/ul#	95
50) Acenaphthene	14.42	153	915792	203.32	ng/ul	98
54) Dibenzofuran	14.75	168	100283	15.60	ng/ul	96
59) Fluorene	15.40	166	484368	93.86	ng/ul	100
70) Phenanthrene	17.14	178	832887	97.43	ng/ul	100
72) Anthracene	17.23	178	162858	18.68	ng/ul	99
75) Carbazole	17.50	167	263590	33.13	ng/ul	100
77) Fluoranthene	19.16	202	76473	7.78	ng/ul	99
80) Pyrene	19.53	202	109595	8.87	ng/ul	99
83) Benzo(a)anthracene	21.28	228	14862m	1.15	ng/ul	

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



#14

Acetophenone

Concen: 6.42 ng/ul

RT: 8.51 min Scan# 922

Delta R.T. -0.01 min

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Instrument :

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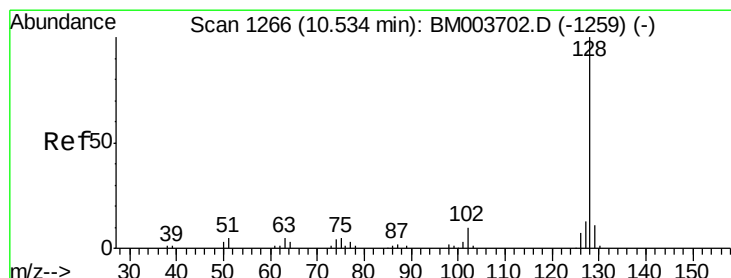
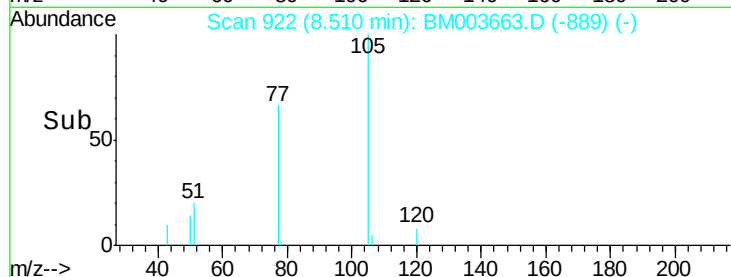
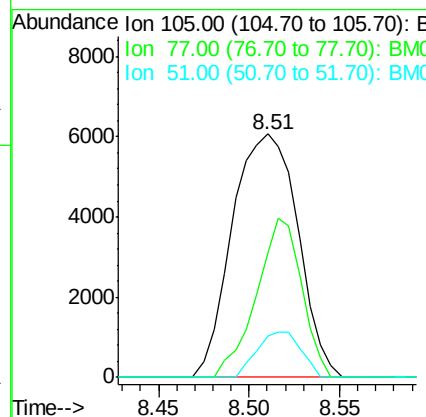
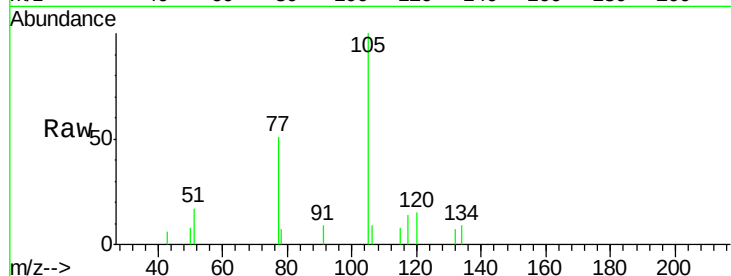
ClientSampleId :

G9DA6

Tot Ion:	105	Resp:	15219
Ion Ratio	Lower	Upper	
105	100		
77	51.2	59.0	88.4#
51	17.1	16.4	24.6

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#28

Naphthalene

Concen: 703.02 ng/ul

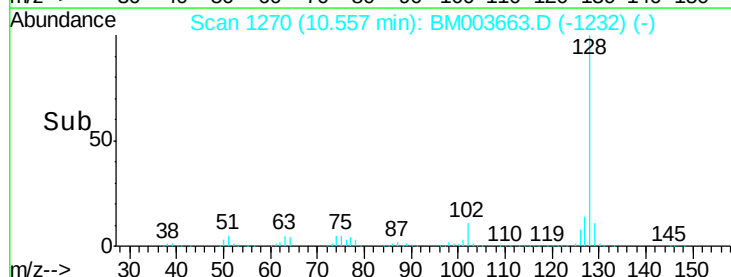
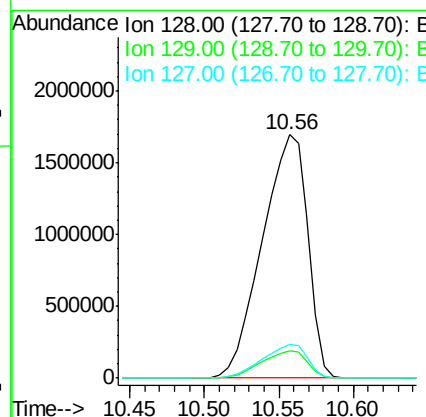
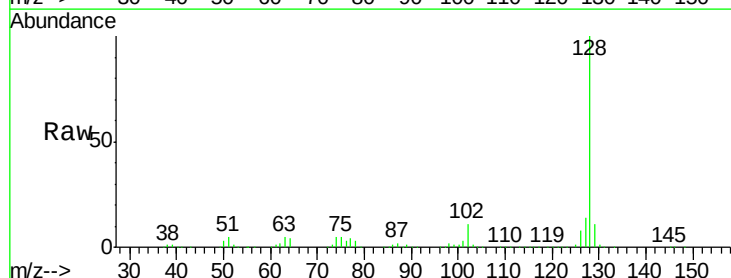
RT: 10.56 min Scan# 1270

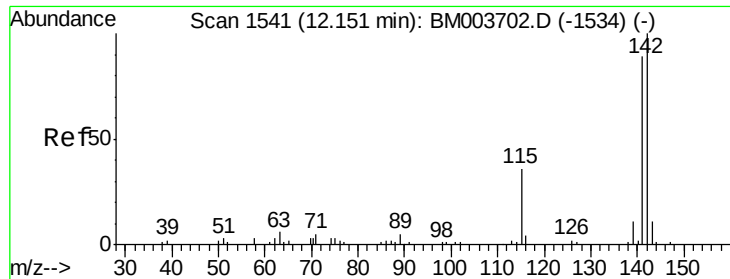
Delta R.T. 0.02 min

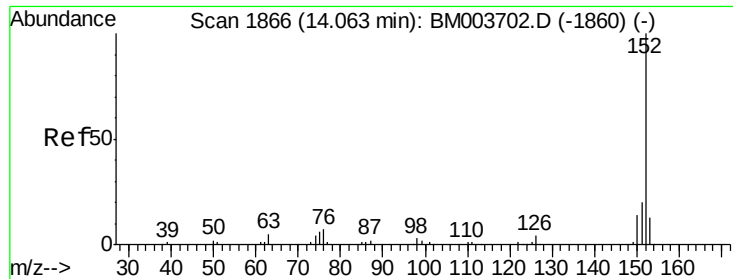
Lab File: BM003663.D

Acq: 20 Dec 2015 20:28

Tgt Ion:	128	Resp:	3598385
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	13.8	10.5	15.7







#48

Acenaphthylene

Concen: 69.97 ng/ul

RT: 14.07 min Scan# 1868

Delta R.T. 0.01 min

Lab File: BM003663.D

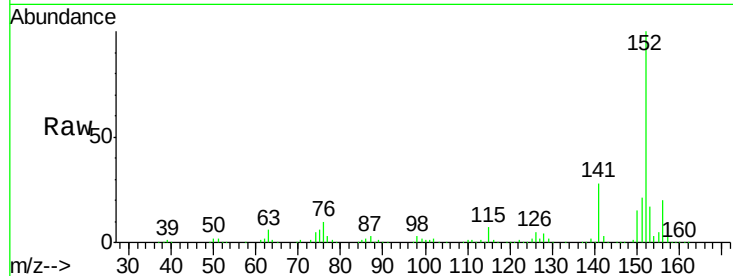
Acq: 20 Dec 2015 20:28

Instrument :

BNA_M

ClientSampleId :

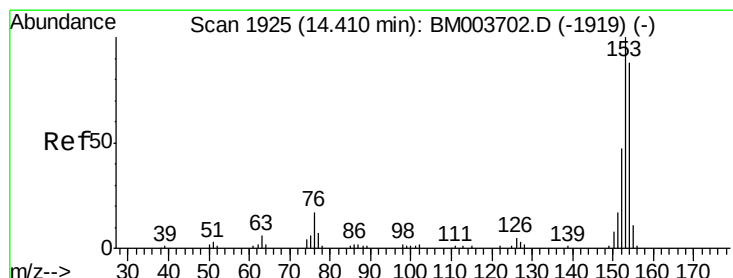
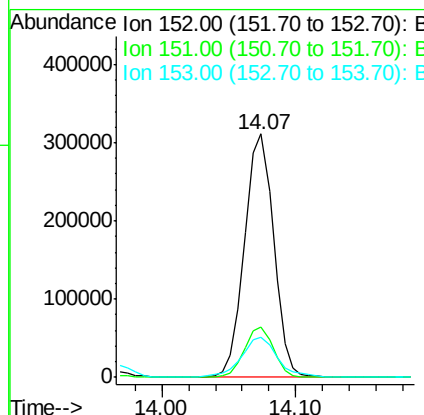
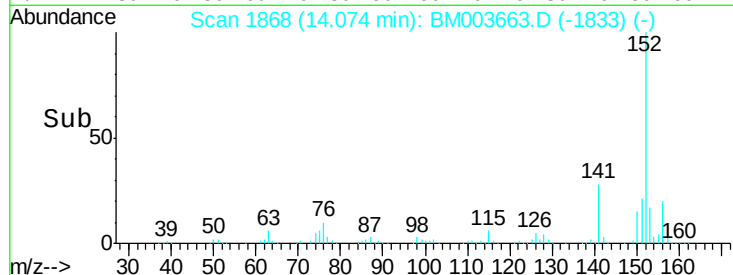
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Tot Ion	Ratio	Lower	Upper
152	100		
151	20.8	15.7	23.5
153	16.7	10.5	15.7

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#50

Acenaphthene

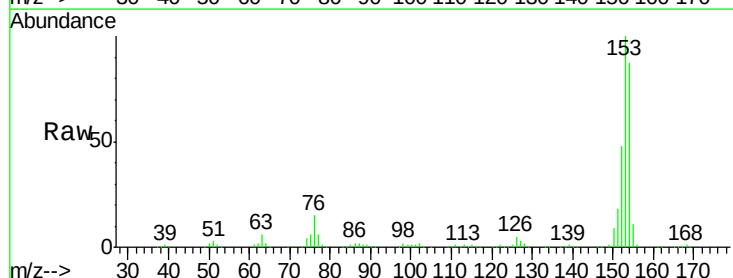
Concen: 203.32 ng/ul

RT: 14.42 min Scan# 1927

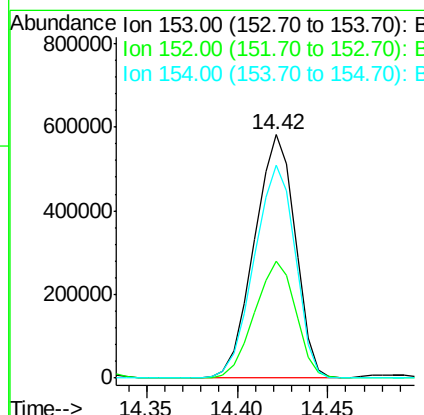
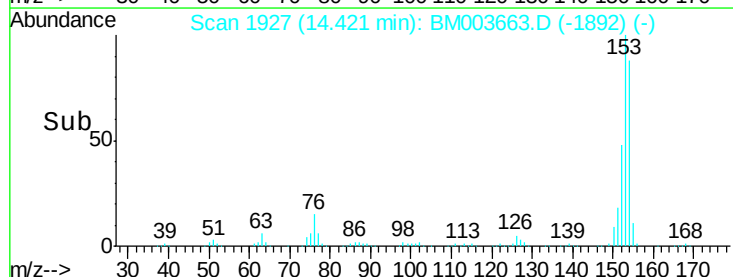
Delta R.T. 0.01 min

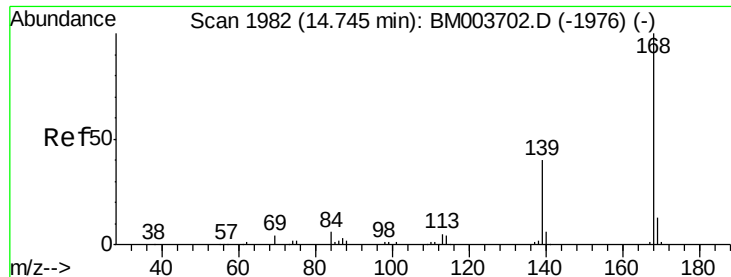
Lab File: BM003663.D

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Tgt Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.3	57.5
154	87.4	71.8	107.8





#54

Dibenzenofuran

Concen: 15.60 ng/ul

RT: 14.75 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BM003663.D

Acq: 20 Dec 2015 20:28

Instrument :

BNA_M

ClientSampleId :

G9DA6

Tot Ion:168 Resp: 100283

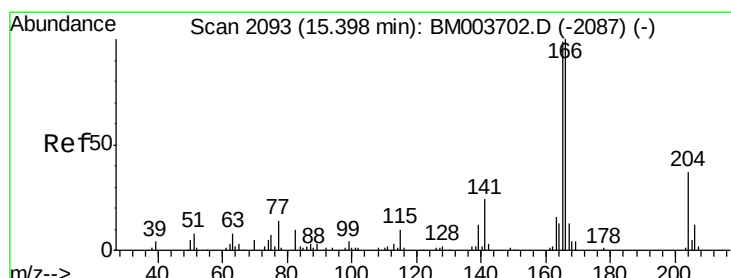
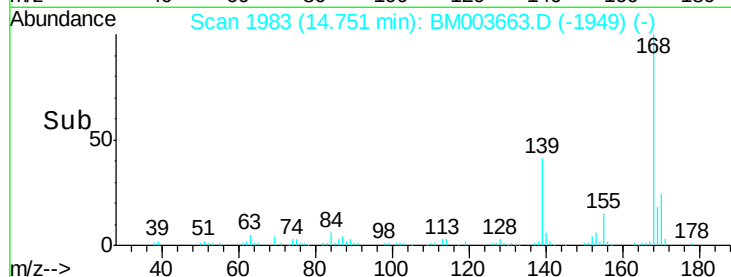
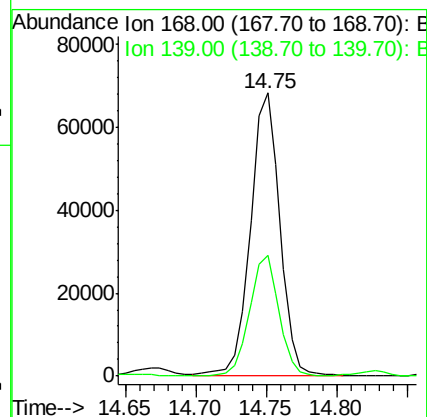
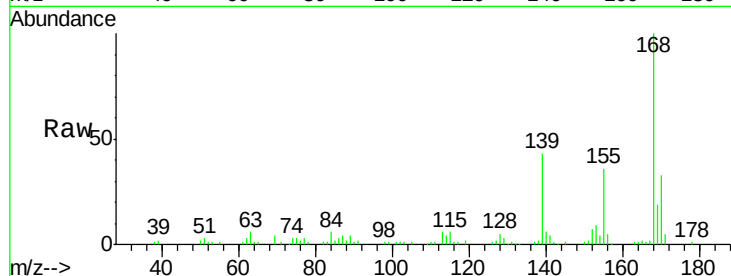
Ion Ratio Lower Upper

168 100

139 42.6 32.2 48.2

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#59

Fluorene

Concen: 93.86 ng/ul

RT: 15.40 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BM003663.D

Acq: 20 Dec 2015 20:28

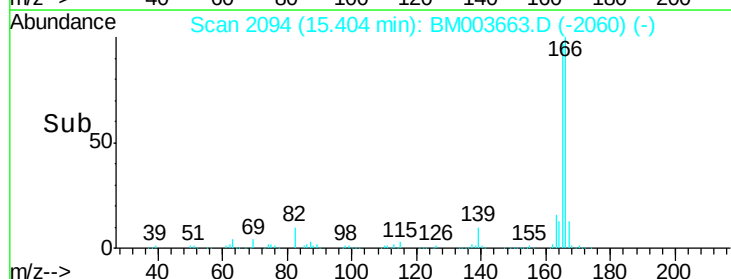
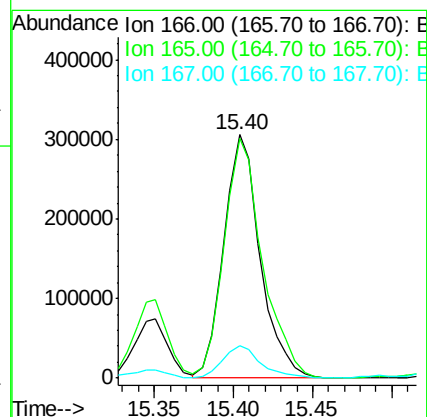
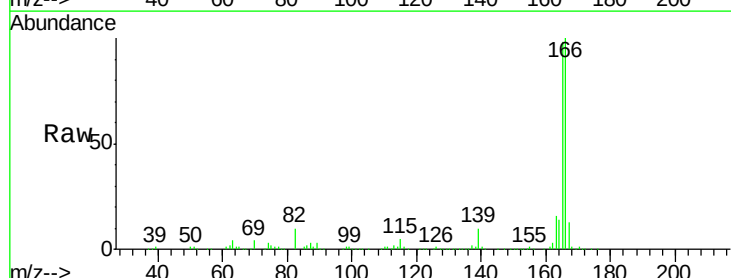
Tgt Ion:166 Resp: 484368

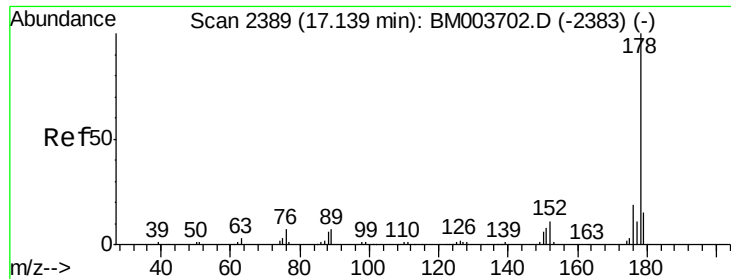
Ion Ratio Lower Upper

166 100

165 98.3 78.5 117.7

167 13.2 10.7 16.1





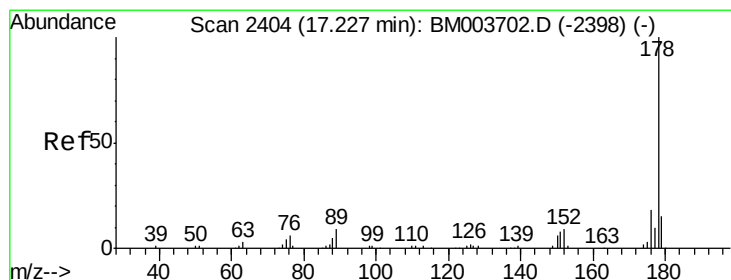
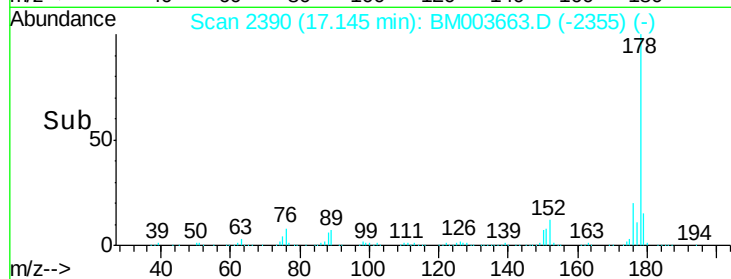
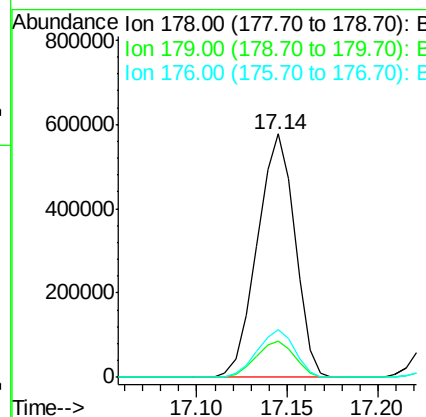
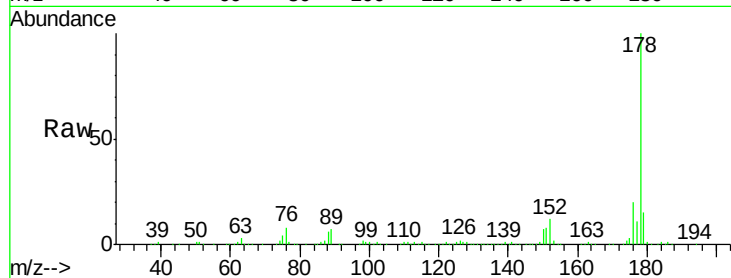
#70
Phenanthrene
Concen: 97.43 ng/ul
RT: 17.14 min Scan# 2390
Delta R.T. 0.01 min
Lab File: BM003663.D
Acq: 20 Dec 2015 20:28

Instrument :
BNA_M
ClientSampleId :
G9DA6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	19.6	15.6	23.4

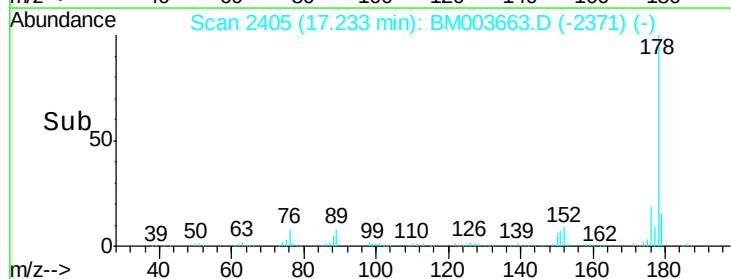
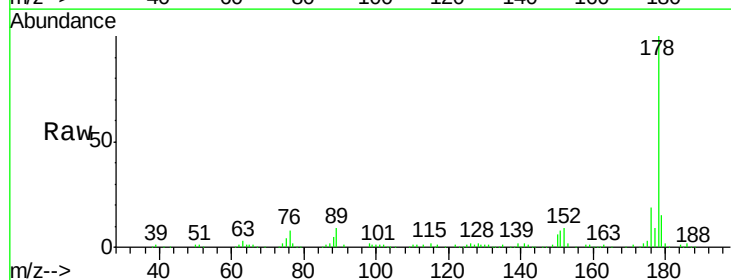
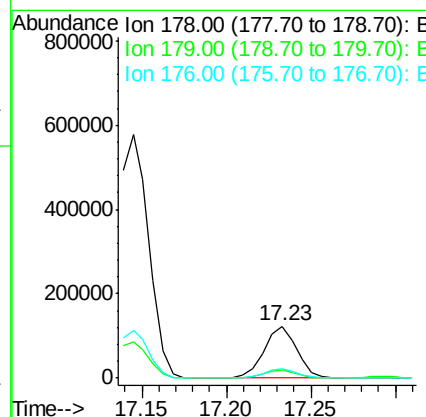
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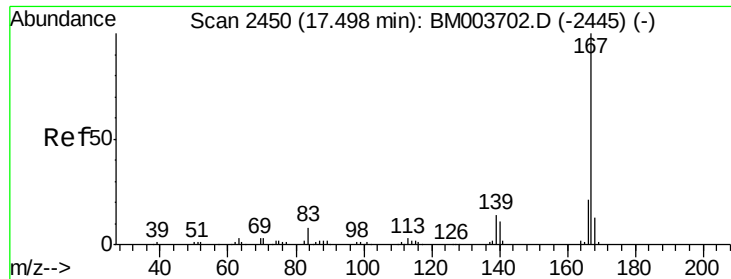
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#72
Anthracene
Concen: 18.68 ng/ul
RT: 17.23 min Scan# 2405
Delta R.T. -0.00 min
Lab File: BM003663.D
Acq: 20 Dec 2015 20:28

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	18.8	14.8	22.2





#75

Carbazole

Concen: 33.13 ng/ul

RT: 17.50 min Scan# 2451

Delta R.T. -0.00 min

Lab File: BM003663.D

Acq: 20 Dec 2015 20:28

Instrument :

BNA_M

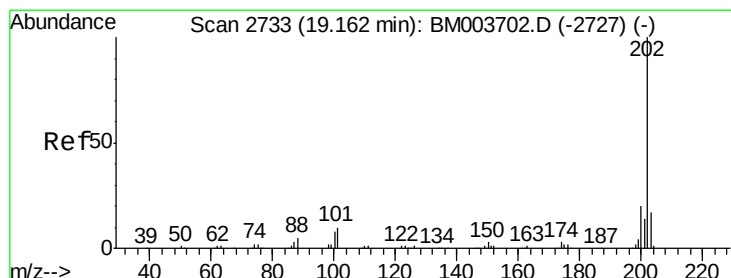
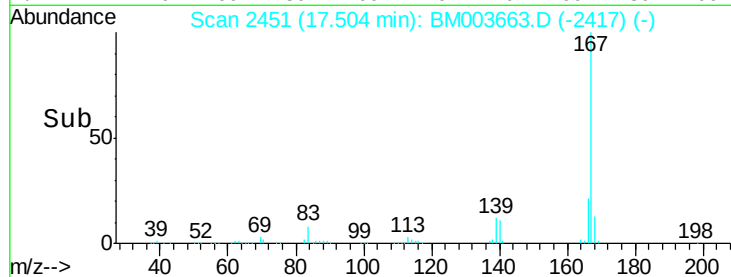
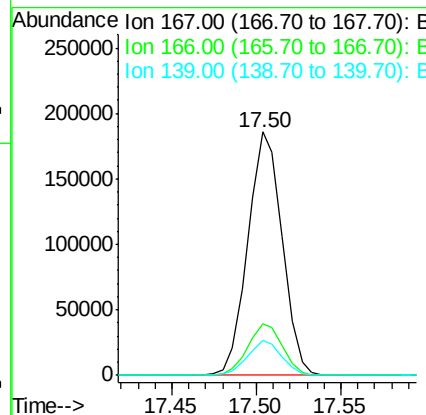
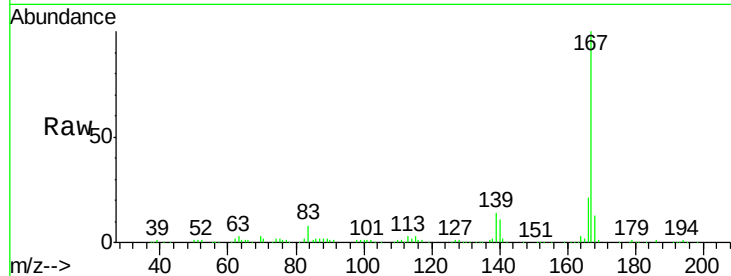
ClientSampled :

G9DA6

Tot Ion:	167	Resp:	263590
Ion Ratio		Lower	Upper
167	100		
166	21.3	17.0	25.6
139	14.2	11.0	16.4

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#77

Fluoranthene

Concen: 7.78 ng/ul

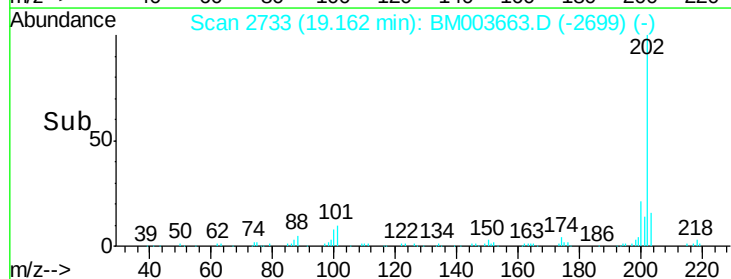
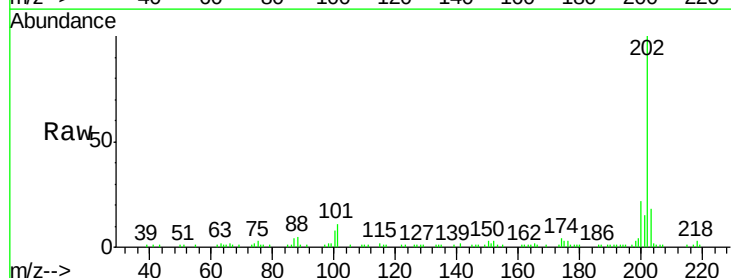
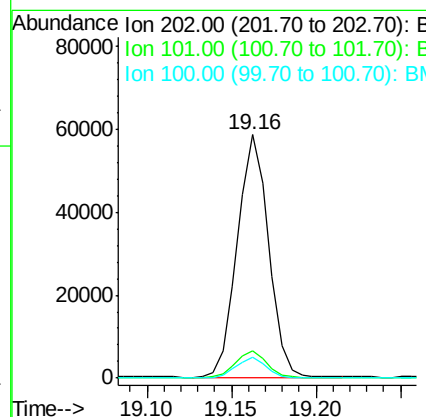
RT: 19.16 min Scan# 2733

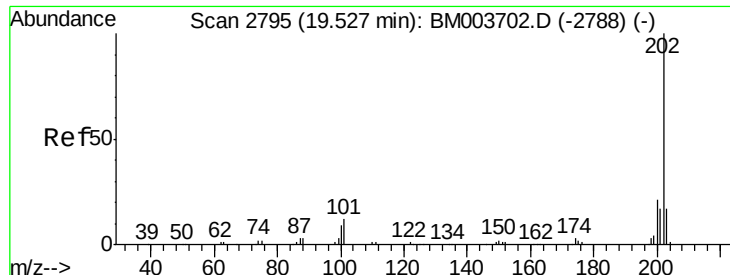
Delta R.T. -0.00 min

Lab File: BM003663.D

Acq: 20 Dec 2015 20:28

Tgt Ion:	202	Resp:	76473
Ion Ratio		Lower	Upper
202	100		
101	11.3	8.8	13.2
100	8.5	6.6	9.8





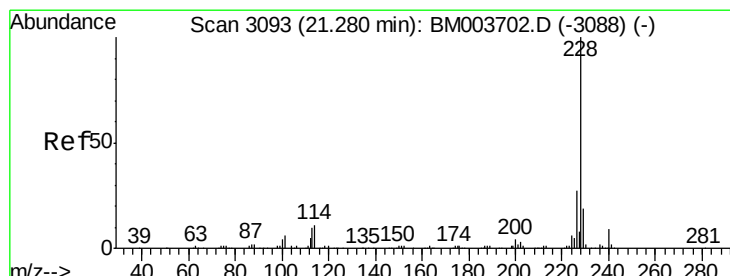
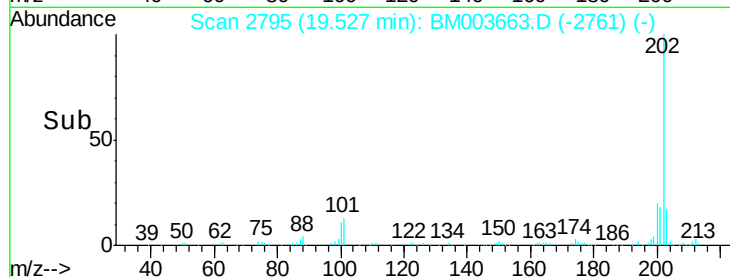
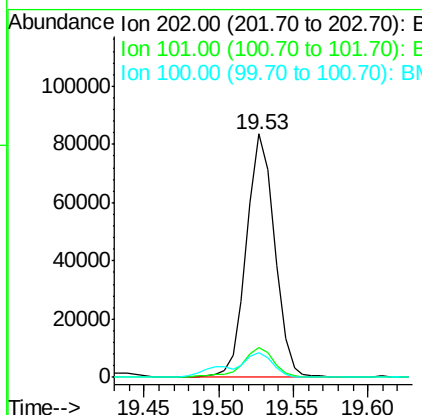
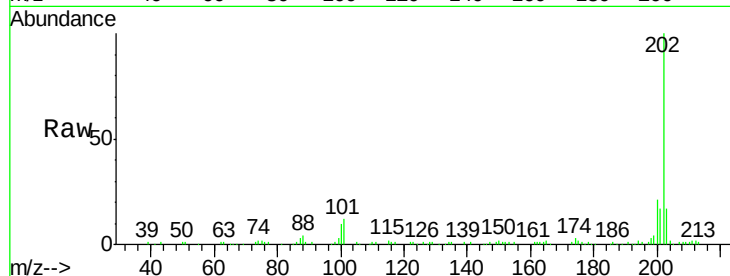
#80
 Pyrene
 Concen: 8.87 ng/ul
 RT: 19.53 min Scan# 2795
 Delta R.T. -0.00 min
 Lab File: BM003663.D
 Acq: 20 Dec 2015 20:28

Instrument :
 BNA_M
 ClientSampleID :
 G9DA6

Tot Ion	Ratio	Resp	Lower	Upper
202	100			
101	12.4	10.2	15.2	
100	10.4	8.5	12.7	

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#83
 Benzo(a)anthracene
 Concen: 1.15 ng/ul m
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.00 min
 Lab File: BM003663.D
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Tgt Ion	Ratio	Resp	Lower	Upper
228	100			
229	20.8	15.7	23.5	
226	33.8	21.8	32.6	

