

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122015\
 Data File : BM003654.D
 Acq On : 20 Dec 2015 14:53
 Operator : UM/SJ
 Sample : G4801-16DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9C64DL

Quant Time: Dec 23 08:01:51 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 21 02:19:57 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	22041	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	106138	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	66774	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	163256	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	197851	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	168952	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	6.87	99	7741	4.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	4571	4.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	6754	4.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	7107	4.42	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	3310	4.30	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	3395	3.92	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	7250	4.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	8100	3.85	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	30124	5.46	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	34893	5.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	3231	3.01	ng/ul	0.00
58) Fluorene-d10	15.35	176	28424	6.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	2268	2.46	ng/ul	0.00
71) Anthracene-d10	17.19	188	47629	6.41	ng/ul	0.00
79) Pyrene-d10	19.50	212	57901	6.70	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	54216	6.46	ng/ul	0.00

Target Compounds

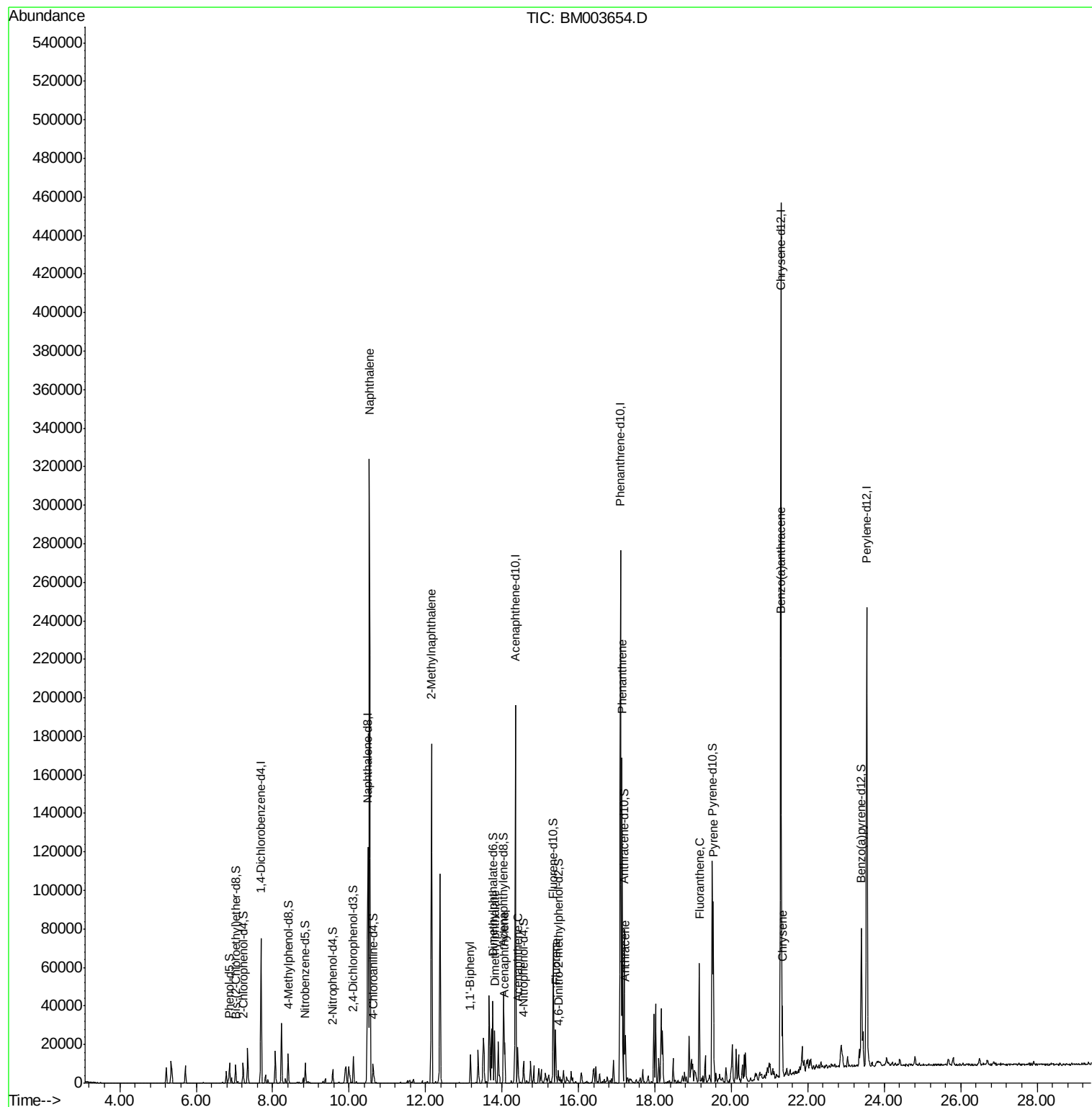
						Qvalue
28) Naphthalene	10.53	128	277836	50.81	ng/ul	100
34) 2-Methylnaphthalene	12.15	142	86001	21.06	ng/ul	99
41) 1,1'-Biphenyl	13.17	154	9293	1.71	ng/ul	97
45) Dimethylphthalate	13.80	163	18442	3.27	ng/ul	98
48) Acenaphthylene	14.07	152	7782	1.13	ng/ul#	93
50) Acenaphthene	14.41	153	8718	1.90	ng/ul	99
59) Fluorene	15.40	166	14491	2.76	ng/ul	98
70) Phenanthrene	17.14	178	102554	11.36	ng/ul	99
72) Anthracene	17.23	178	20450	2.22	ng/ul	99
77) Fluoranthene	19.16	202	35187	3.39	ng/ul	99
80) Pyrene	19.53	202	59188	5.20	ng/ul	97
83) Benzo(a)anthracene	21.28	228	23669	1.98	ng/ul	92
85) Chrysene	21.33	228	21668	1.88	ng/ul	97

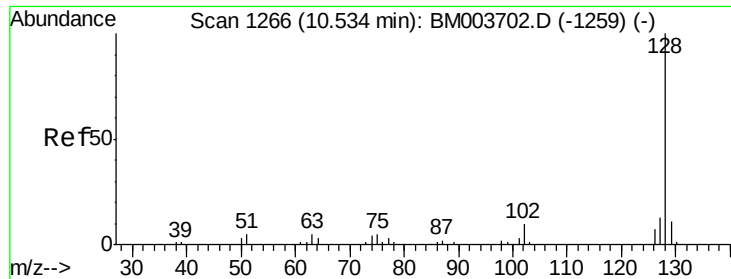
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#28

Naphthalene

Concen: 50.81 ng/ul

RT: 10.53 min Scan# 1266

Delta R.T. -0.01 min

Lab File: BM003654.D

Acq: 20 Dec 2015 14:53

Instrument :

BNA_M

ClientSampleId :

G9C64DL

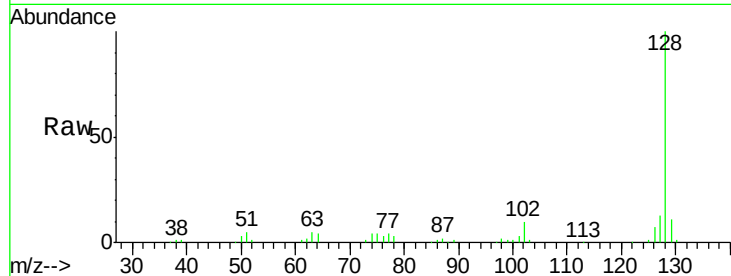
Tgt Ion:128 Resp: 277836

Ion Ratio Lower Upper

128 100

129 11.0 8.8 13.2

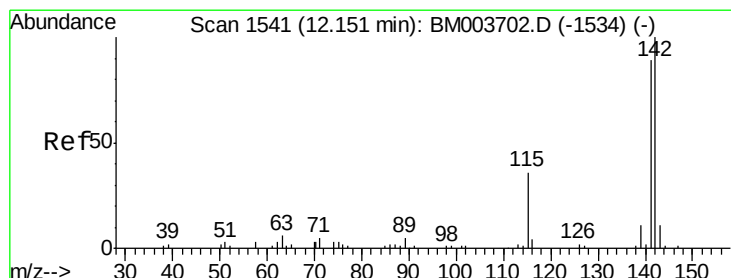
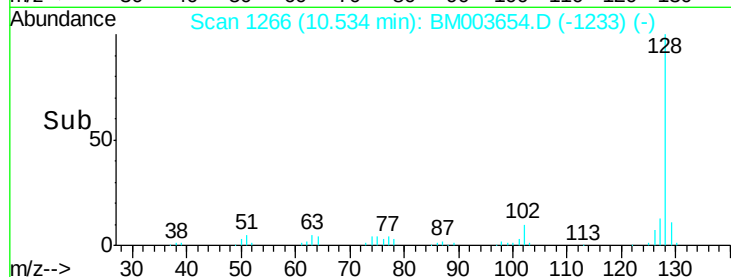
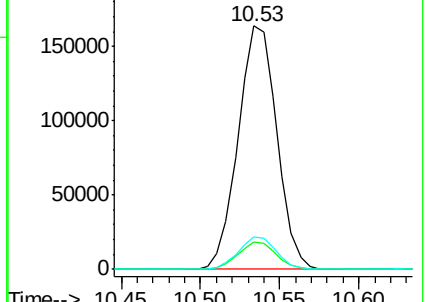
127 13.3 10.5 15.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 21.06 ng/ul

RT: 12.15 min Scan# 1541

Delta R.T. -0.01 min

Lab File: BM003654.D

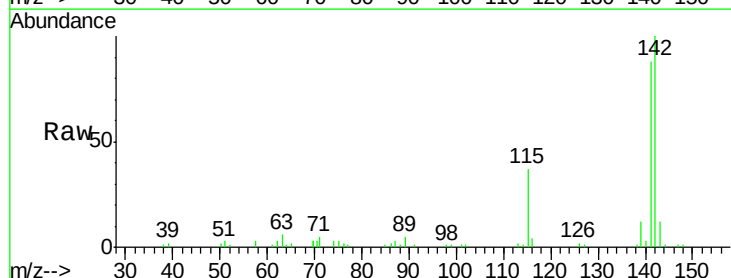
Acq: 20 Dec 2015 14:53

Tgt Ion:142 Resp: 86001

Ion Ratio Lower Upper

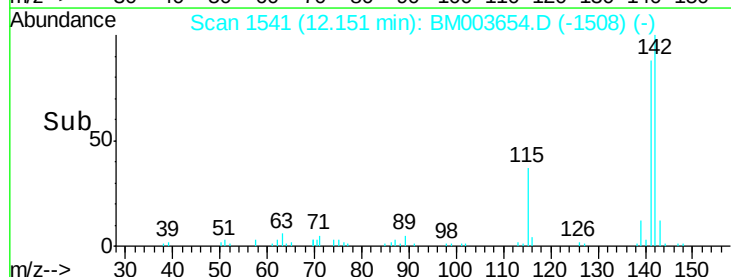
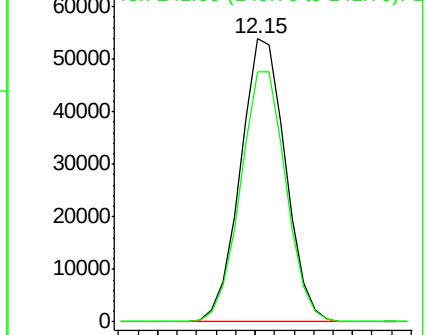
142 100

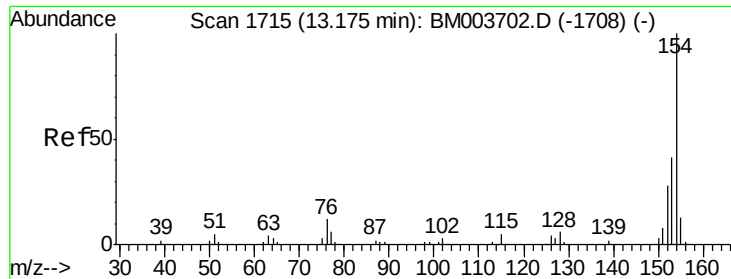
141 88.4 71.6 107.4



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

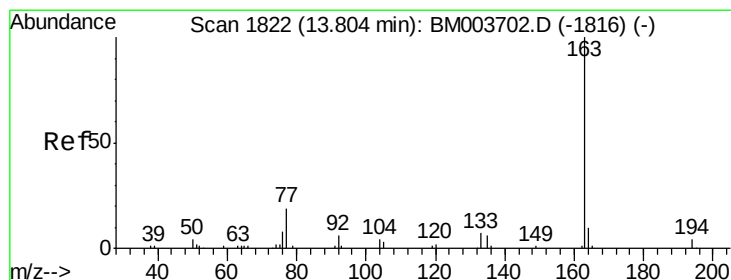
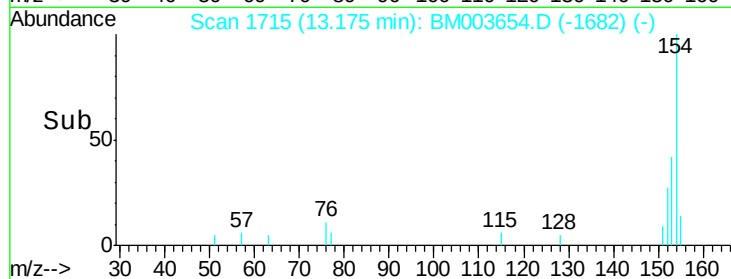
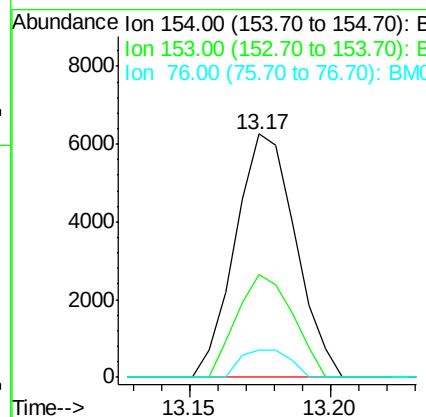
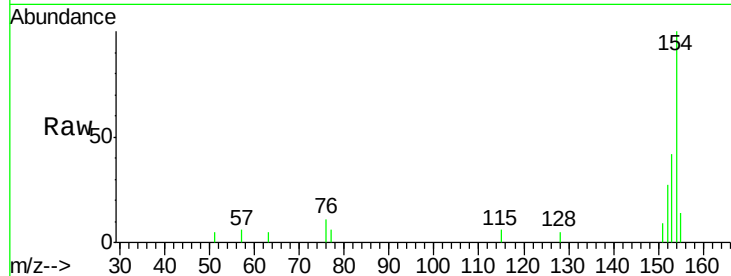




#41
 1,1'-Biphenyl
 Concen: 1.71 ng/ul
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM003654.D
 Acq: 20 Dec 2015 14:53

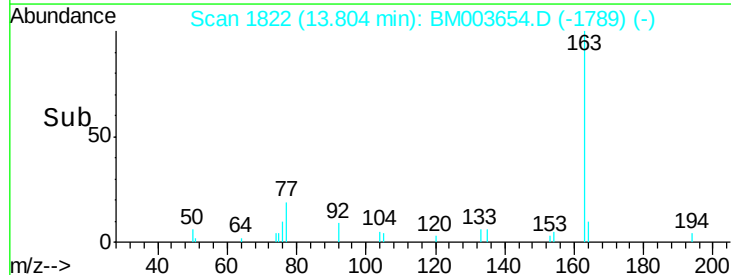
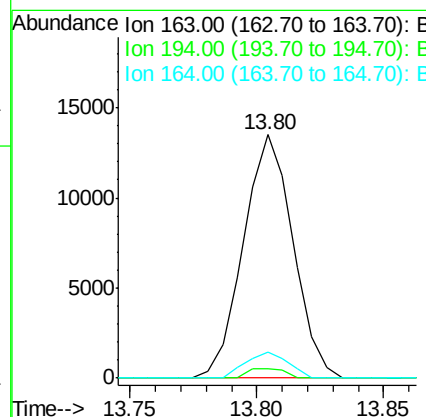
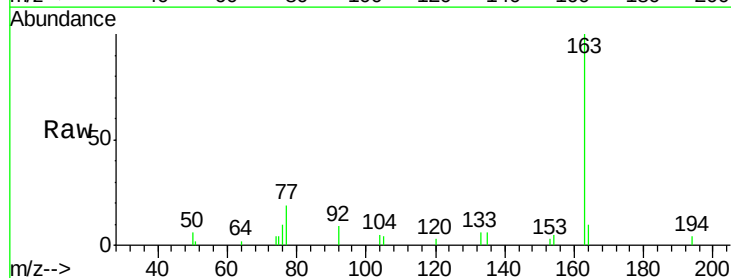
Instrument :
 BNA_M
 ClientSampleId :
 G9C64DL

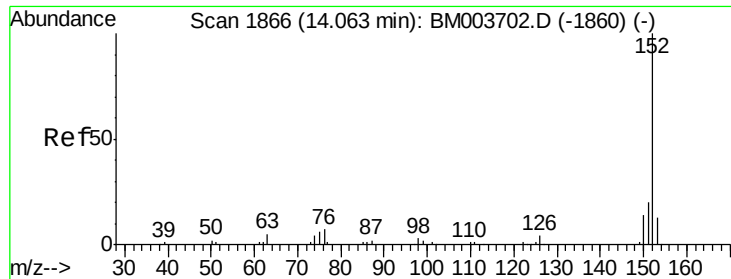
Tgt Ion:154 Resp: 9293
 Ion Ratio Lower Upper
 154 100
 153 42.4 32.1 48.1
 76 11.2 9.5 14.3



#45
 Dimethylphthalate
 Concen: 3.27 ng/ul
 RT: 13.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BM003654.D
 Acq: 20 Dec 2015 14:53

Tgt Ion:163 Resp: 18442
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.2 4.8
 164 10.5 7.8 11.8





#48

Acenaphthylene

Concen: 1.13 ng/ul

RT: 14.07 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BM003654.D

Acq: 20 Dec 2015 14:53

Instrument :

BNA_M

ClientSampleId :

G9C64DL

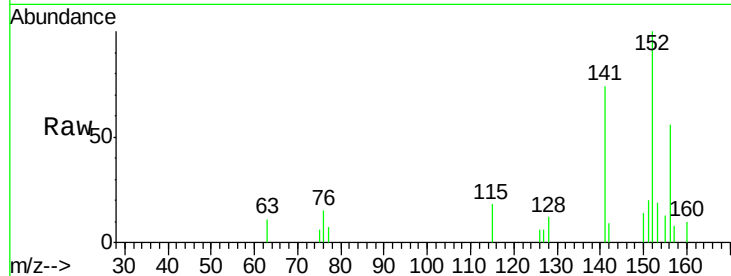
Tgt Ion:152 Resp: 7782

Ion Ratio Lower Upper

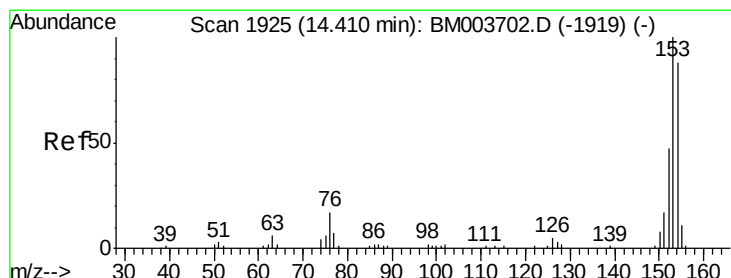
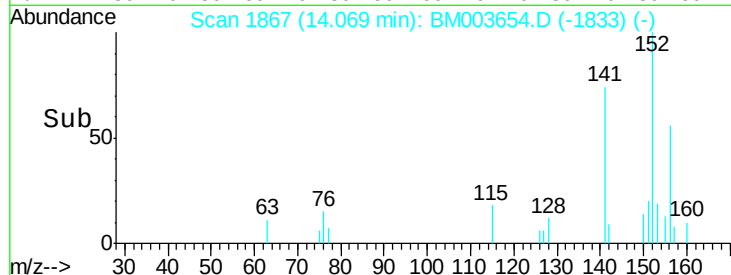
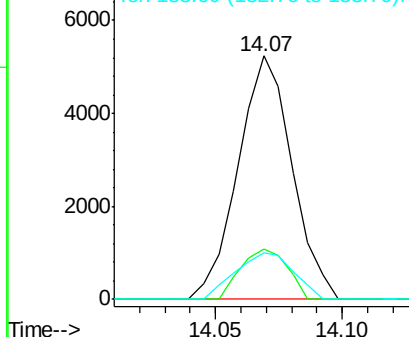
152 100

151 20.4 15.7 23.5

153 19.3 10.5 15.7#



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Acenaphthene

Concen: 1.90 ng/ul

RT: 14.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BM003654.D

Acq: 20 Dec 2015 14:53

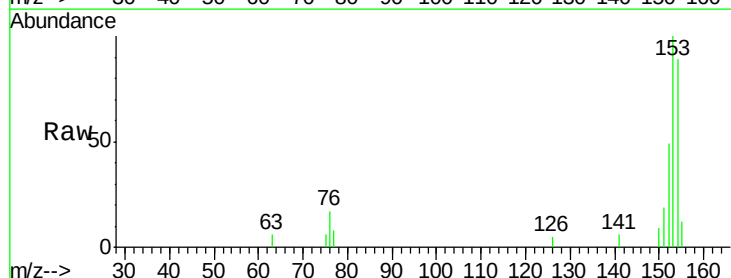
Tgt Ion:153 Resp: 8718

Ion Ratio Lower Upper

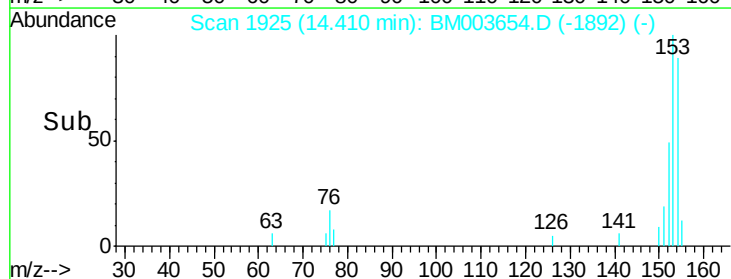
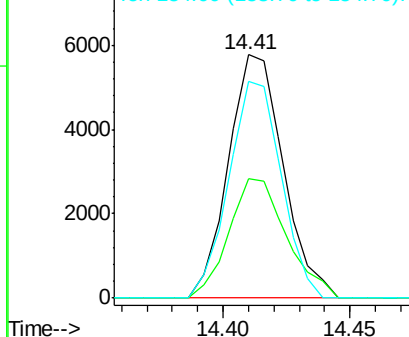
153 100

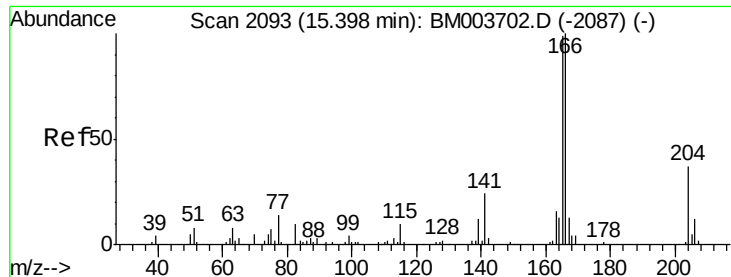
152 49.0 38.3 57.5

154 88.9 71.8 107.8



Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E





#59

Fluorene

Concen: 2.76 ng/ul

RT: 15.40 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BM003654.D

Acq: 20 Dec 2015 14:53

Instrument :

BNA_M

ClientSampleId :

G9C64DL

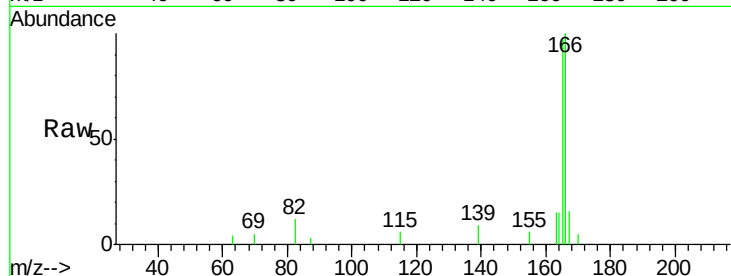
Tgt Ion:166 Resp: 14491

Ion Ratio Lower Upper

166 100

165 96.6 78.5 117.7

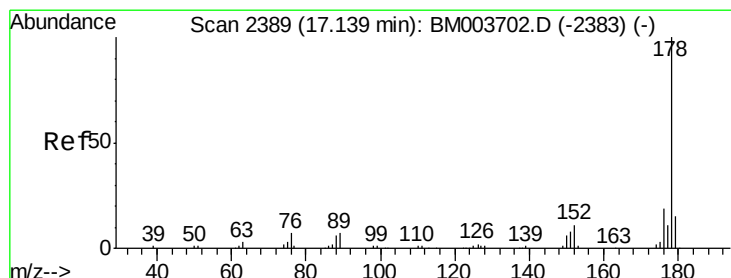
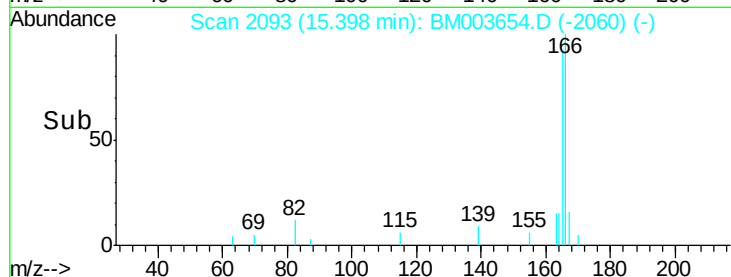
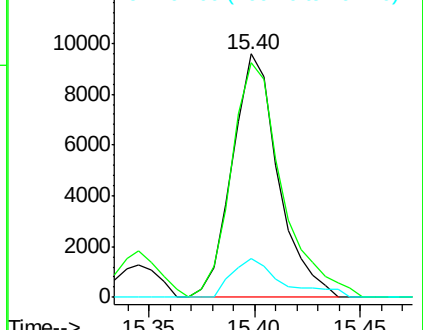
167 15.8 10.7 16.1



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 11.36 ng/ul

RT: 17.14 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BM003654.D

Acq: 20 Dec 2015 14:53

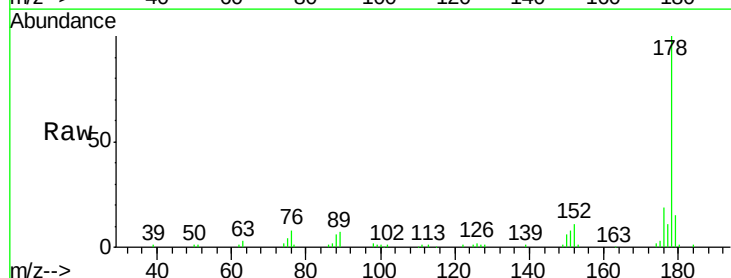
Tgt Ion:178 Resp: 102554

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

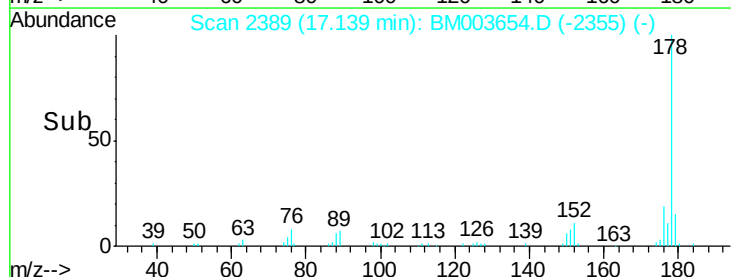
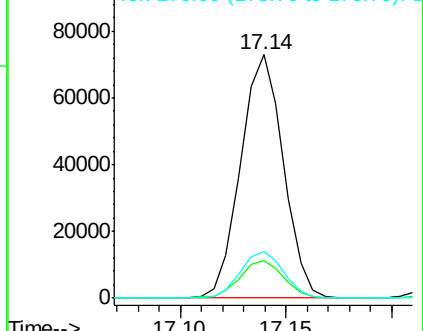
176 19.1 15.6 23.4

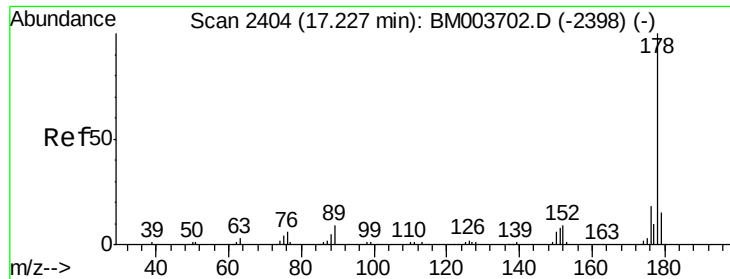


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

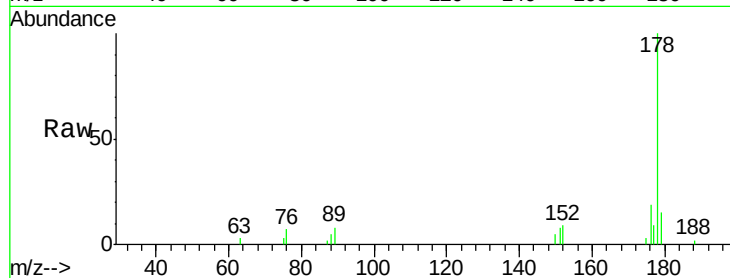




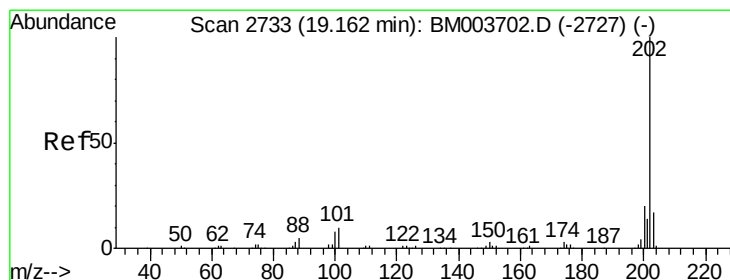
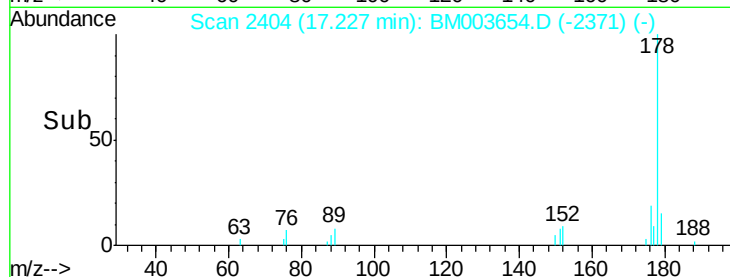
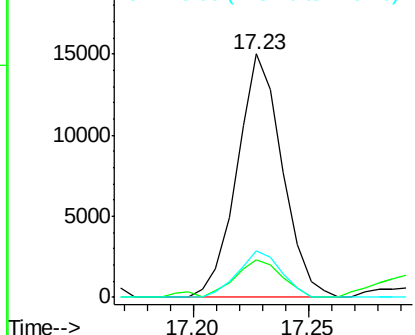
#72
 Anthracene
 Concen: 2.22 ng/ul
 RT: 17.23 min Scan# 2404
 Delta R.T. -0.01 min
 Lab File: BM003654.D
 Acq: 20 Dec 2015 14:53

Instrument :
 BNA_M
 ClientSampleId :
 G9C64DL

Tgt Ion:178 Resp: 20450
 Ion Ratio Lower Upper
 178 100
 179 15.5 12.1 18.1
 176 18.9 14.8 22.2

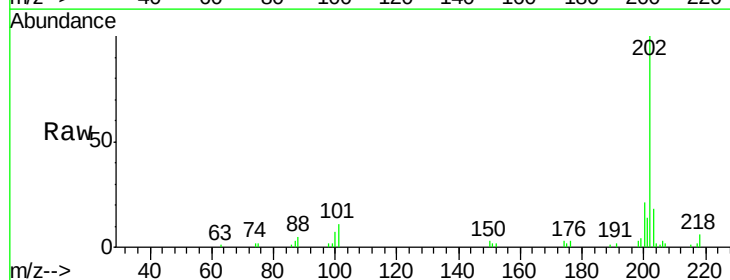


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E

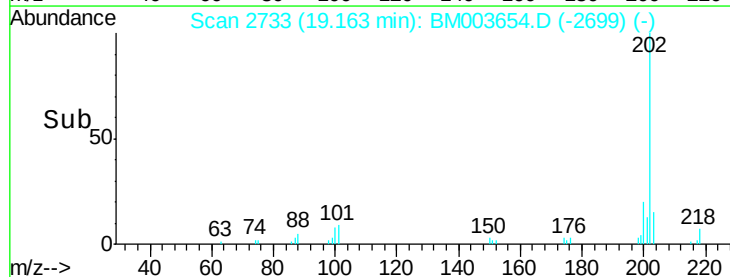
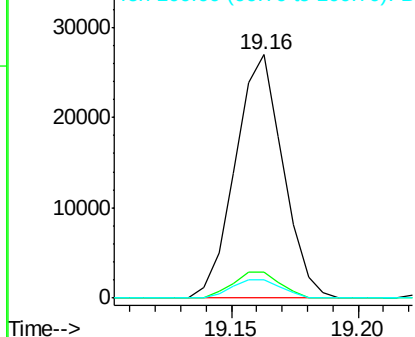


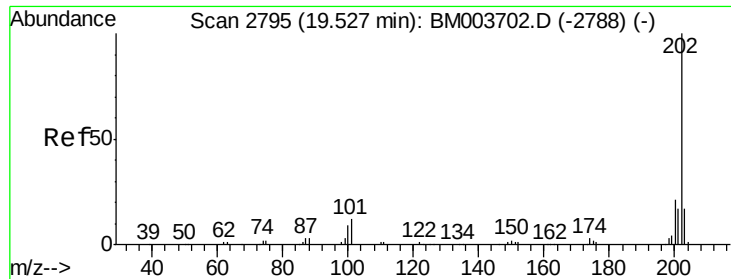
#77
 Fluoranthene
 Concen: 3.39 ng/ul
 RT: 19.16 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: BM003654.D
 Acq: 20 Dec 2015 14:53

Tgt Ion:202 Resp: 35187
 Ion Ratio Lower Upper
 202 100
 101 10.7 8.8 13.2
 100 7.4 6.6 9.8



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

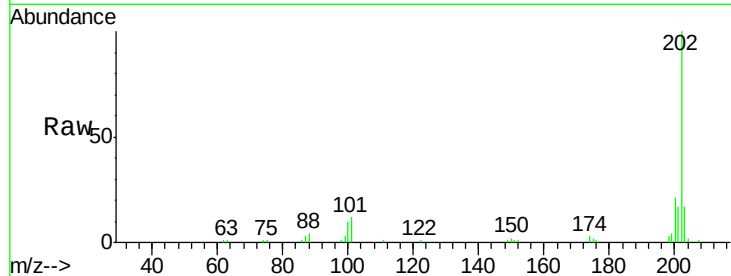




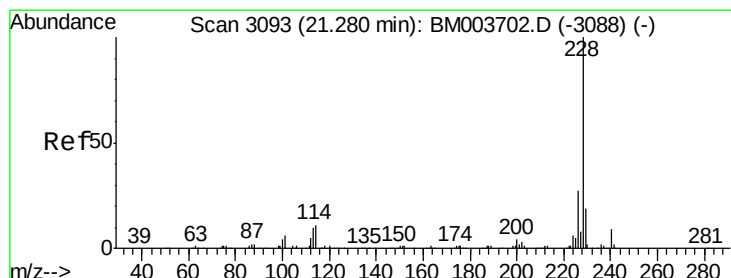
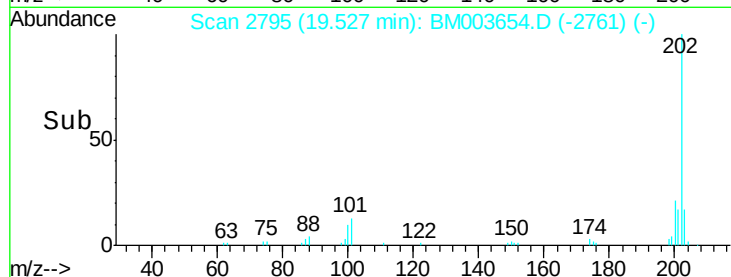
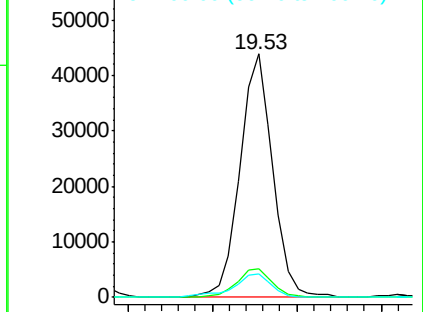
#80
Pyrene
Concen: 5.20 ng/ul
RT: 19.53 min Scan# 2795
Delta R.T. 0.00 min
Lab File: BM003654.D
Acq: 20 Dec 2015 14:53

Instrument :
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ClientSampleId :
G9C64DL

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.7	10.2	15.2
100	9.6	8.5	12.7

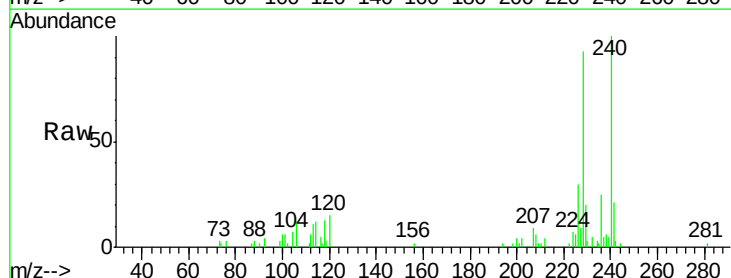


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

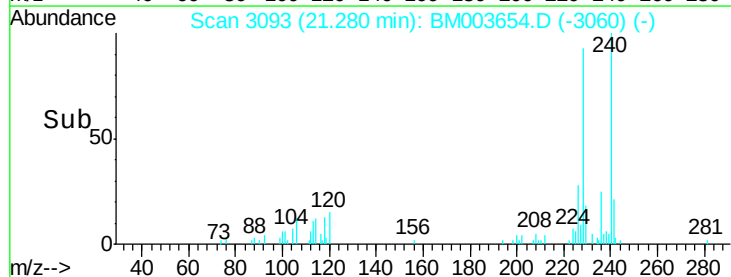
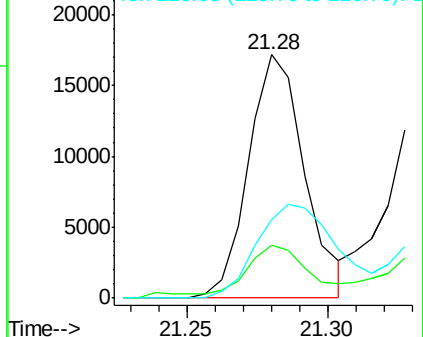


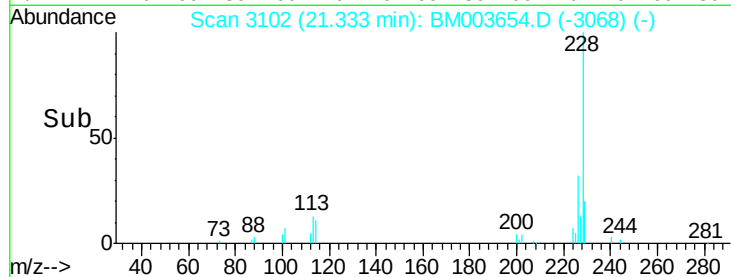
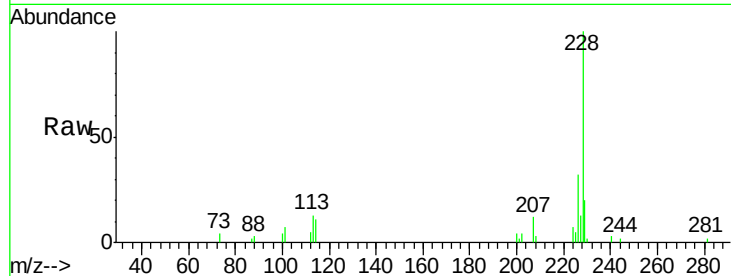
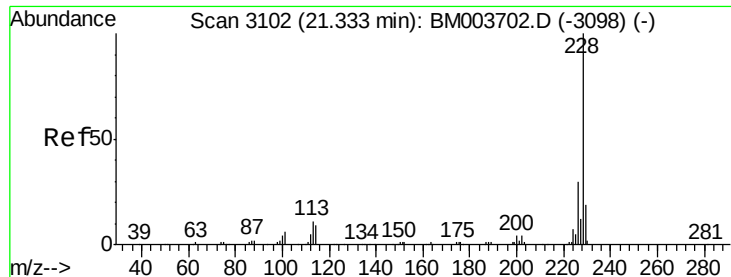
#83
Benzo(a)anthracene
Concen: 1.98 ng/ul
RT: 21.28 min Scan# 3093
Delta R.T. -0.01 min
Lab File: BM003654.D
Acq: 20 Dec 2015 14:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.7	23.5
226	32.5	21.8	32.6



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





#85

Chrysene

Concen: 1.88 ng/ul

RT: 21.33 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM003654.D

Acq: 20 Dec 2015 14:53

Instrument :

BNA_M

ClientSampleId :

G9C64DL

Tgt Ion: 228 Resp: 21668

Ion	Ratio	Lower	Upper
228	100		
226	32.3	24.0	36.0
229	20.5	15.6	23.4

