

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122015\
 Data File : BM003653.D
 Acq On : 20 Dec 2015 14:18
 Operator : UM/SJ
 Sample : G4801-15DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleID :
 G9C63DL

Manual Integrations
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Quant Time: Dec 23 07:54:28 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	19061	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	92763	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	58675	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	143619	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	189244	20.00	ng/ul	0.00
86) Perylene-d12	23.54	264	176541	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	4335	2.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	2785	3.25	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	3993	3.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	2819	2.03	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	1845	2.74	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	1852	2.45	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	3702	2.68	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	4120	2.24	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	16295	3.36	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	19241	3.49	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	1168	1.24	ng/ul	0.00
58) Fluorene-d10	15.34	176	15811	3.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	783	0.97	ng/ul	0.00
71) Anthracene-d10	17.19	188	24897	3.81	ng/ul	0.00
79) Pyrene-d10	19.50	212	29861	3.61	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.40	264	31381	3.58	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.54	128	355852	74.46 ng/ul	100
34) 2-Methylnaphthalene	12.16	142	138479	38.80 ng/ul	100
41) 1,1'-Biphenyl	13.17	154	12457	2.61 ng/ul	99
45) Dimethylphthalate	13.80	163	11068	2.23 ng/ul#	95
48) Acenaphthylene	14.07	152	9372	1.55 ng/ul#	85
50) Acenaphthene	14.41	153	30166	7.48 ng/ul	100
59) Fluorene	15.40	166	23107	5.00 ng/ul	99
70) Phenanthrene	17.14	178	112240	14.13 ng/ul	99
72) Anthracene	17.23	178	31417	3.88 ng/ul	98
77) Fluoranthene	19.16	202	33201	3.64 ng/ul	98
80) Pyrene	19.53	202	56642	5.20 ng/ul	98
83) Benzo(a)anthracene	21.28	228	23096m	2.02 ng/ul	
85) Chrysene	21.33	228	22923	2.08 ng/ul	97

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

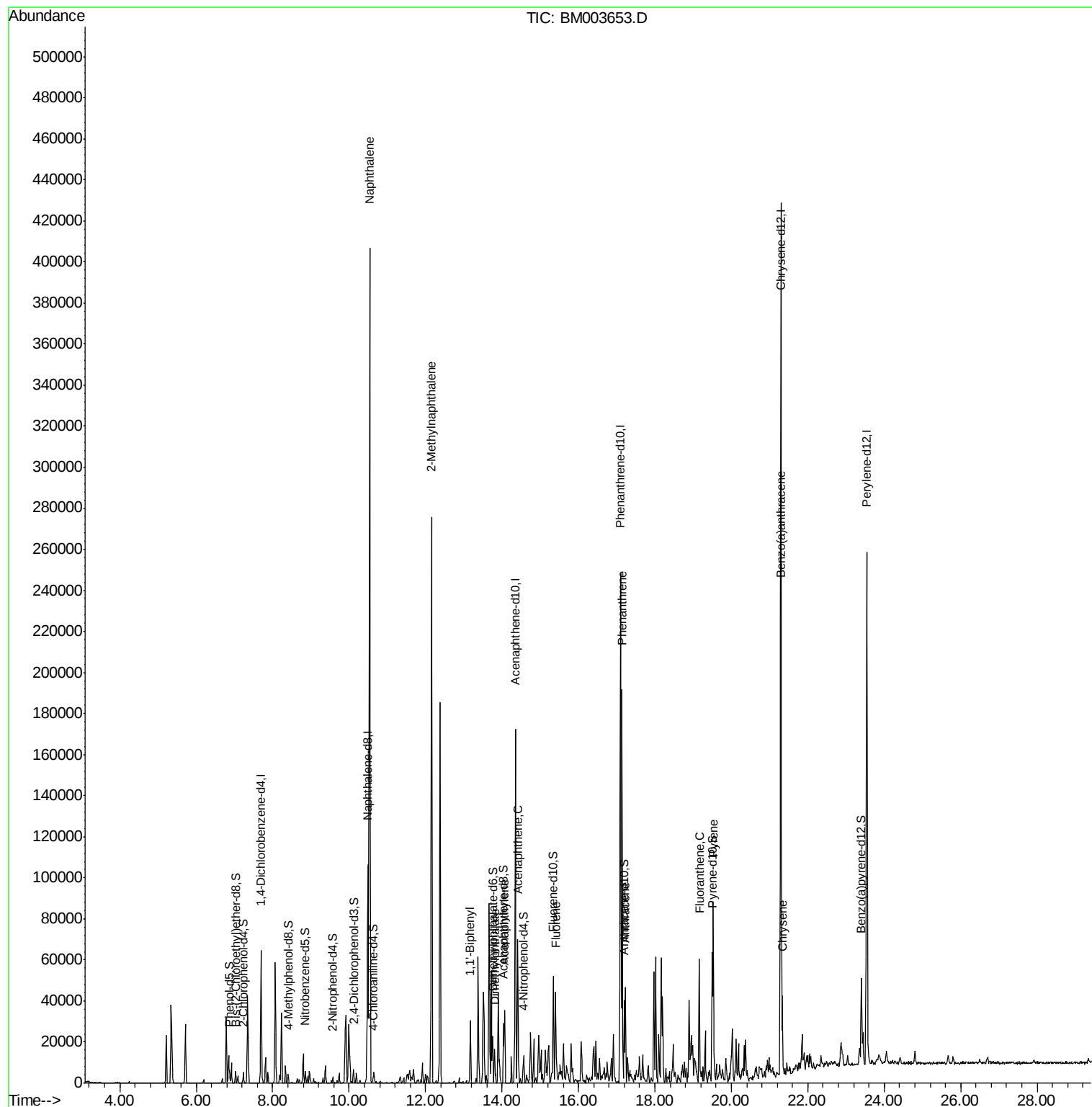
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122015\
Data File : BM003653.D
Acq On : 20 Dec 2015 14:18
Operator : UM/SJ
Sample : G4801-15DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

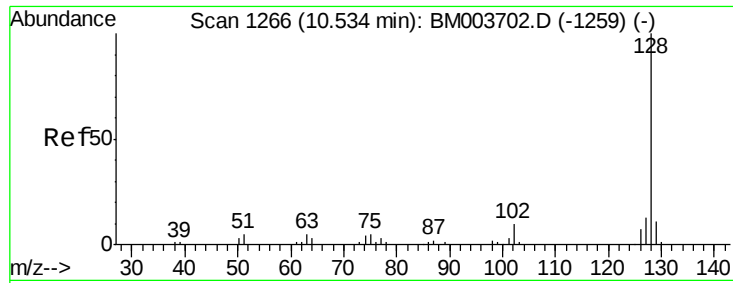
Instrument :
BNA_M
ClientSampleId :
G9C63DL

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Quant Time: Dec 23 07:54:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM121915.M
Quant Title : SVOA CALIBRATION
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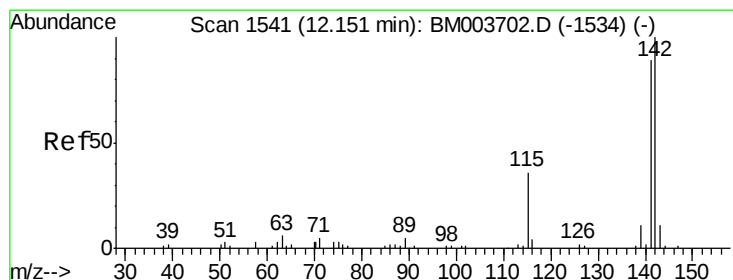
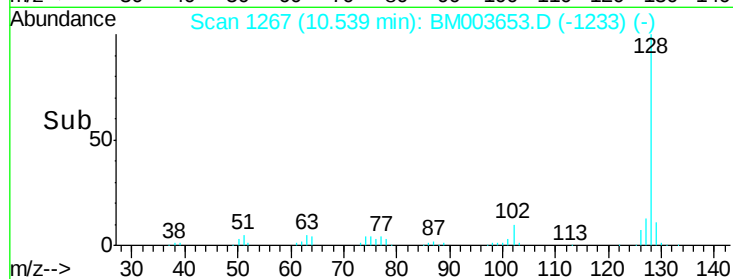
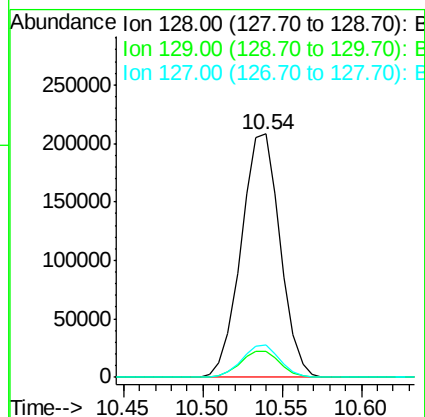
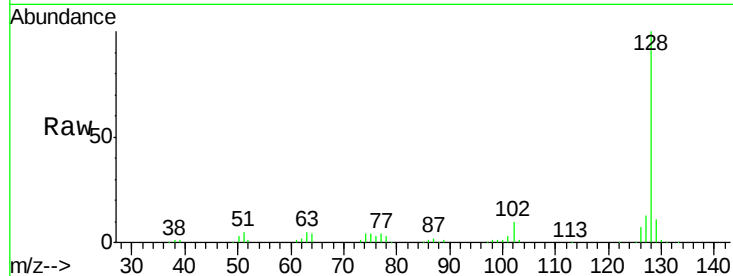
#28
Naphthalene
Concen: 74.46 ng/ul
RT: 10.54 min Scan# 1267
Delta R.T. 0.00 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Instrument :
BNA_M
ClientSampleId :
G9C63DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
128	100		
129	10.8	8.8	13.2
127	13.1	10.5	15.7

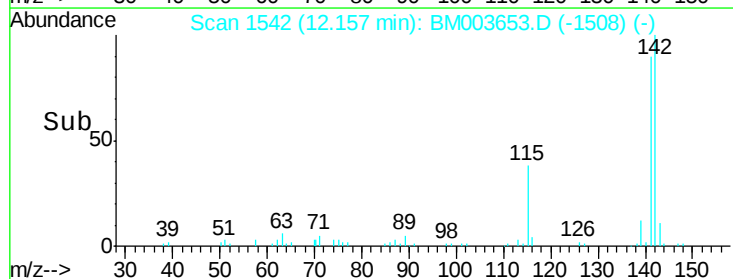
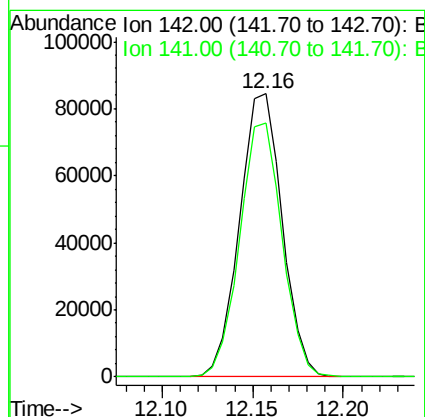
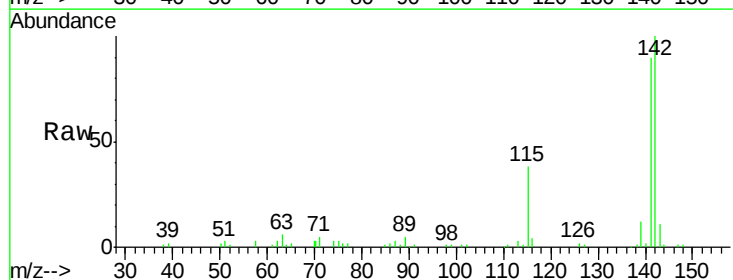
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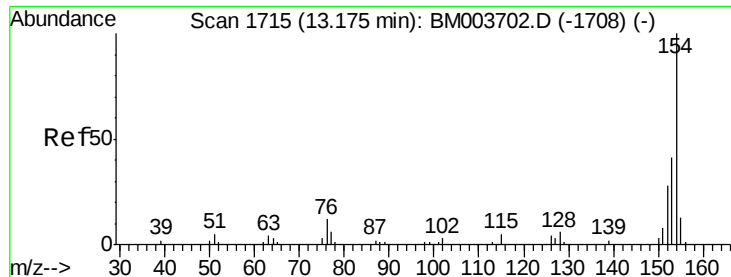
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#34
2-Methylnaphthalene
Concen: 38.80 ng/ul
RT: 12.16 min Scan# 1542
Delta R.T. 0.00 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
142	100		
141	89.9	71.6	107.4





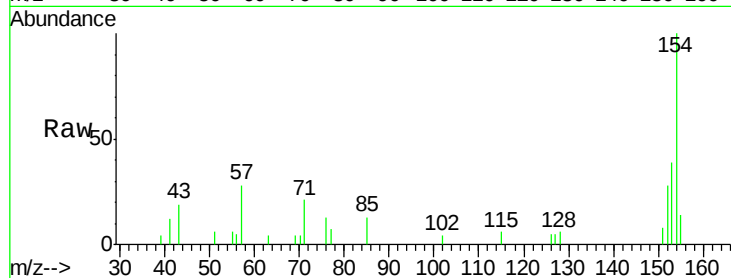
#41
 1,1'-Biphenyl
 Concen: 2.61 ng/ul
 RT: 13.17 min Scan# 1715
 Delta R.T. -0.01 min
 Lab File: BM003653.D
 Acq: 20 Dec 2015 14:18

Instrument :
 BNA_M
 ClientSampleId :
 G9C63DL

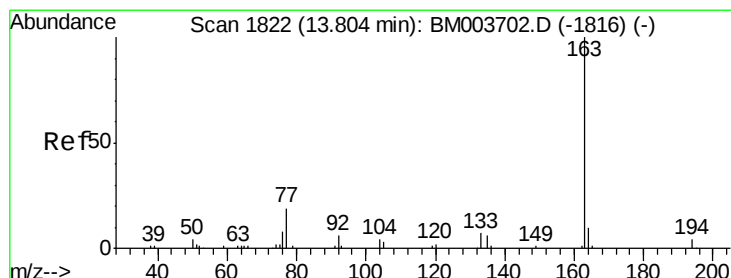
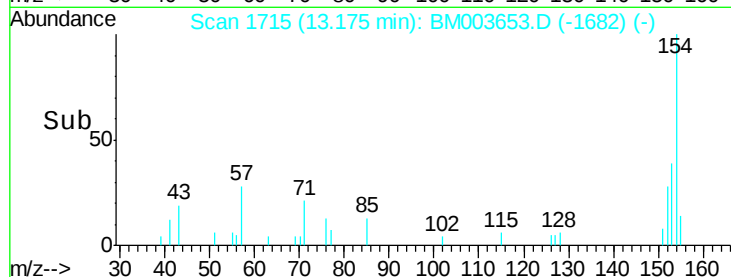
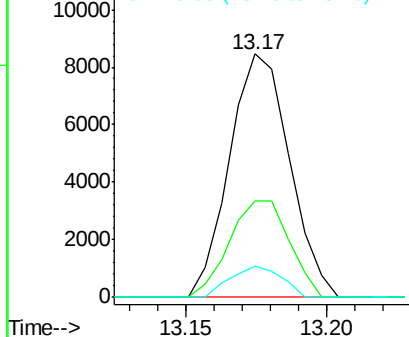
Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.4	32.1	48.1
76	12.9	9.5	14.3

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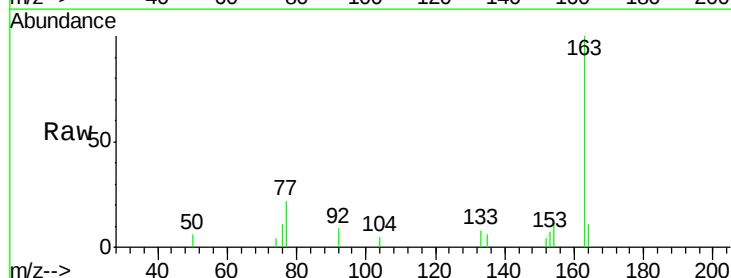


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BM

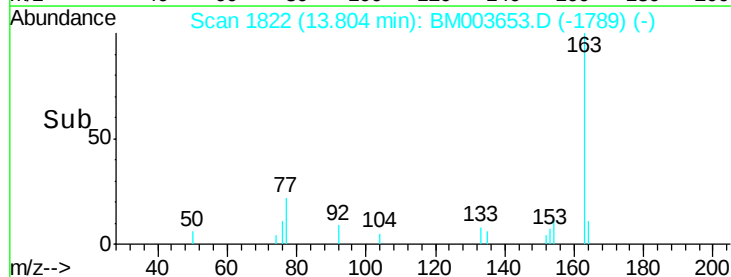
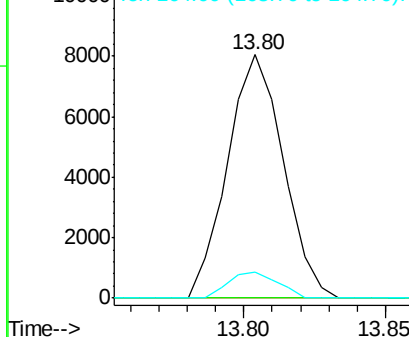


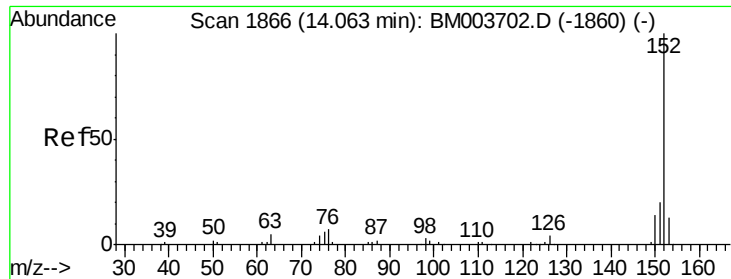
#45
 Dimethylphthalate
 Concen: 2.23 ng/ul
 RT: 13.80 min Scan# 1822
 Delta R.T. -0.01 min
 Lab File: BM003653.D
 Acq: 20 Dec 2015 14:18

Tgt Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.2	4.8#
164	10.7	7.8	11.8



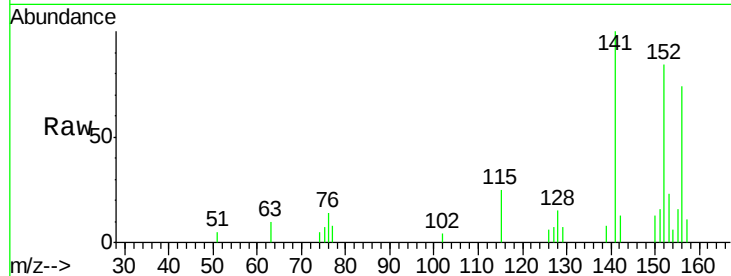
Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#48
Acenaphthylene
Concen: 1.55 ng/ul
RT: 14.07 min Scan# 1867
Delta R.T. 0.00 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

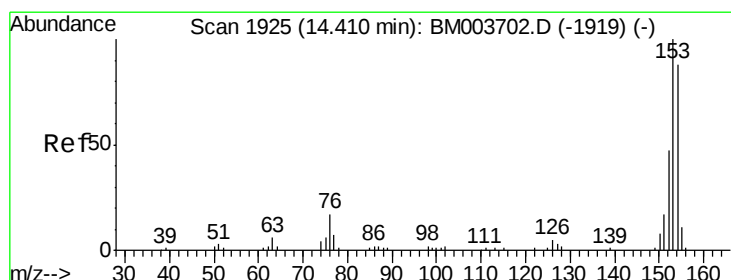
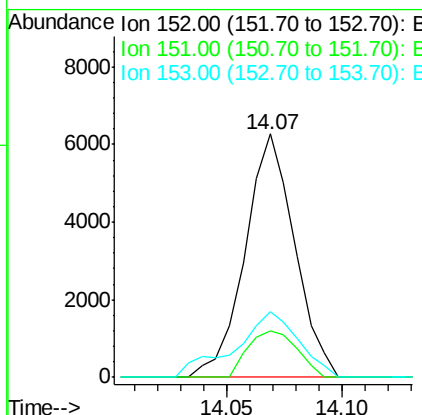
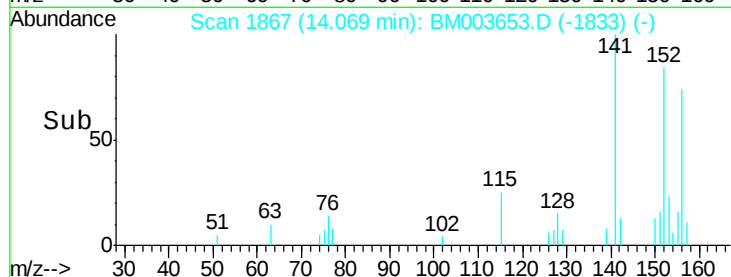
Instrument :
BNA_M
ClientSampleId :
G9C63DL



Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.2	15.7	23.5
153	27.1	10.5	15.7#

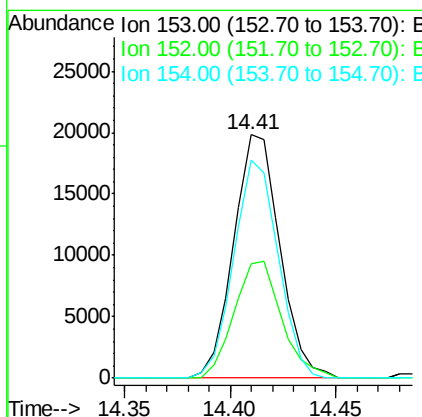
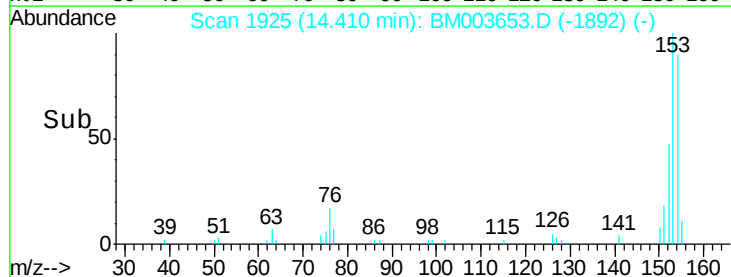
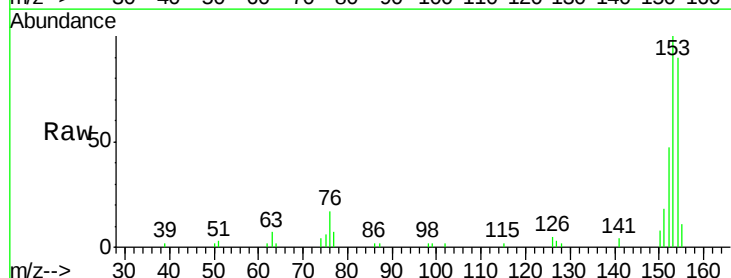
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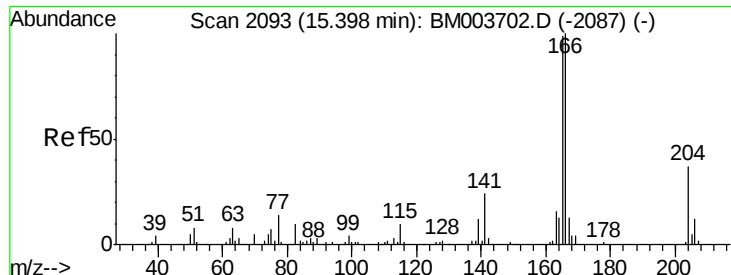
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#50
Acenaphthene
Concen: 7.48 ng/ul
RT: 14.41 min Scan# 1925
Delta R.T. -0.01 min
Lab File: BM003653.D
Acq: 20 Dec 2015 14:18

Tgt Ion	Ratio	Lower	Upper
153	100		
152	47.2	38.3	57.5
154	89.6	71.8	107.8





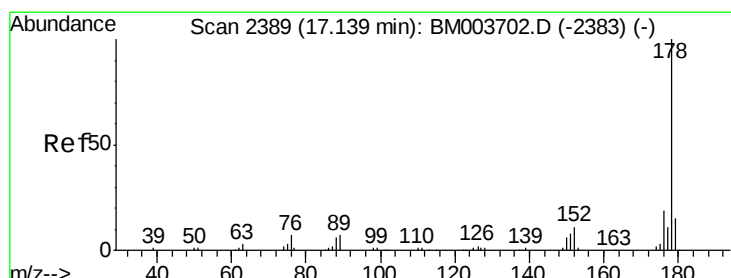
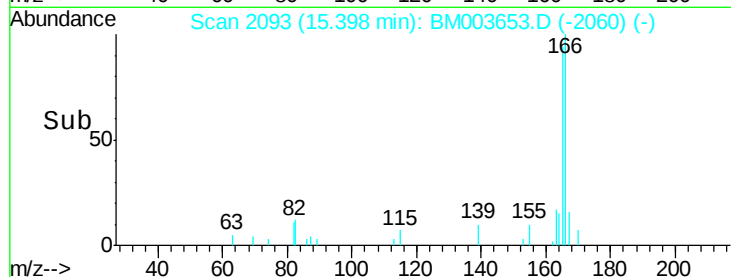
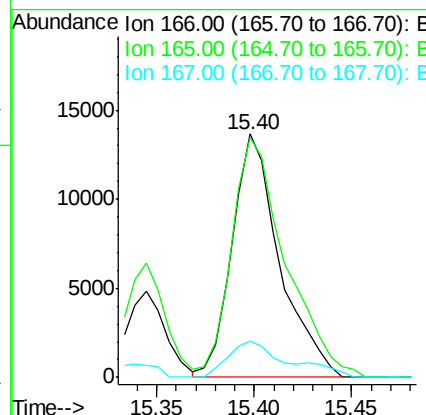
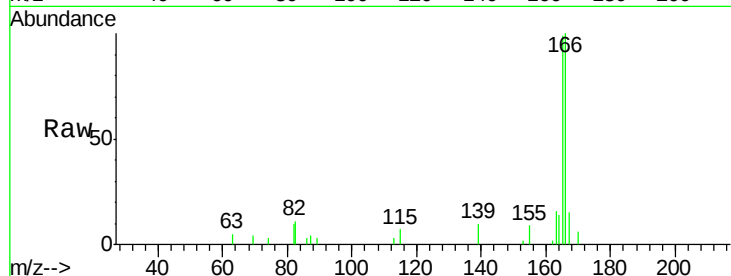
#59
Fluorene
 Concen: 5.00 ng/ul
 RT: 15.40 min Scan# 2093
 Delta R.T. -0.01 min
 Lab File: BM003653.D
 Acq: 20 Dec 2015 14:18

Instrument :
 BNA_M
 ClientSampleId :
 G9C63DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.5	117.7
167	14.8	10.7	16.1

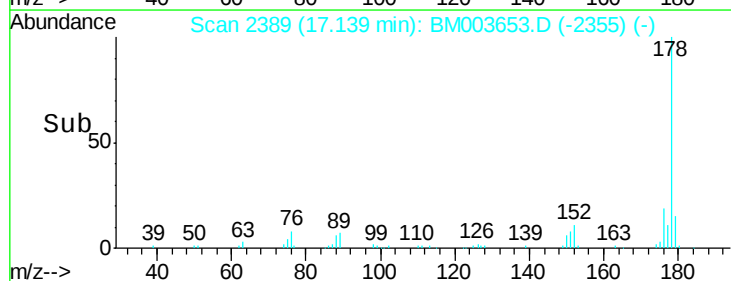
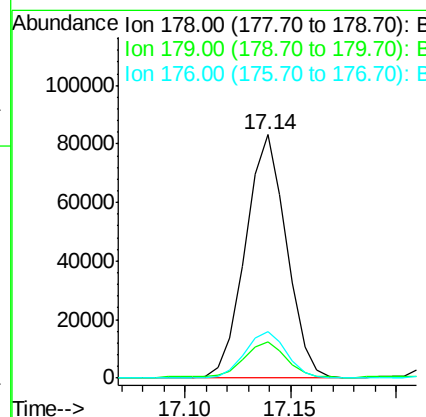
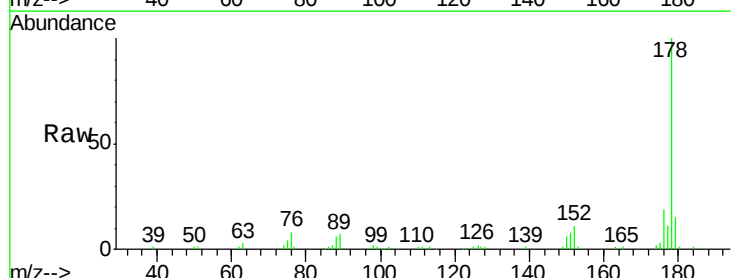
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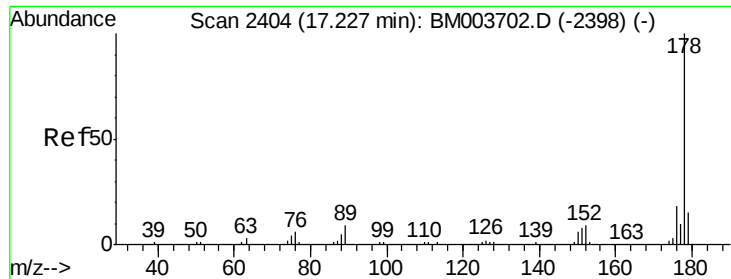
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#70
Phenanthrene
 Concen: 14.13 ng/ul
 RT: 17.14 min Scan# 2389
 Delta R.T. 0.00 min
 Lab File: BM003653.D
 Acq: 20 Dec 2015 14:18

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.4
176	19.2	15.6	23.4





#72

Anthracene

Concen: 3.88 ng/ul

RT: 17.23 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BM003653.D

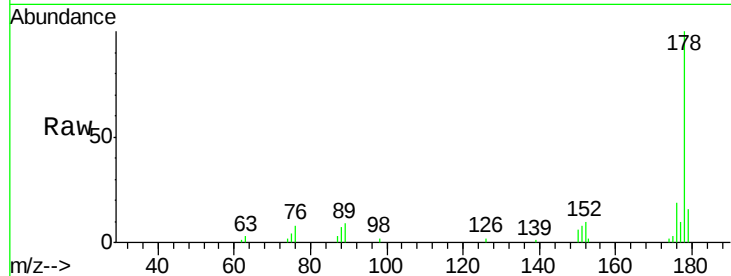
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Instrument :

BNA_M

ClientSampleId :

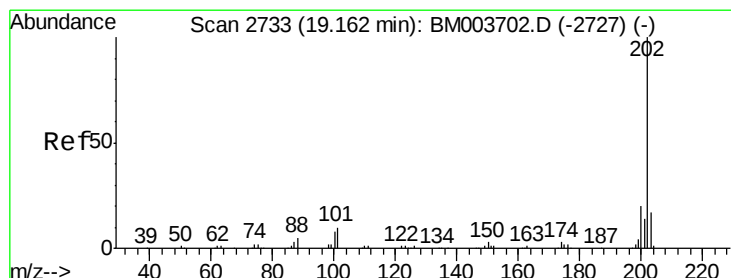
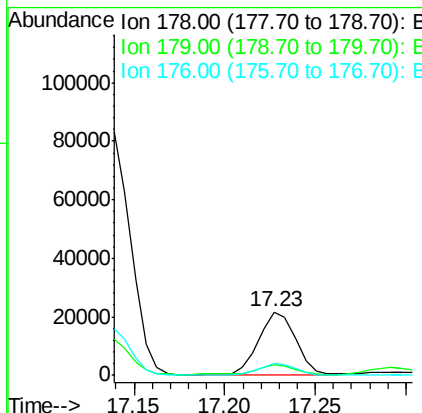
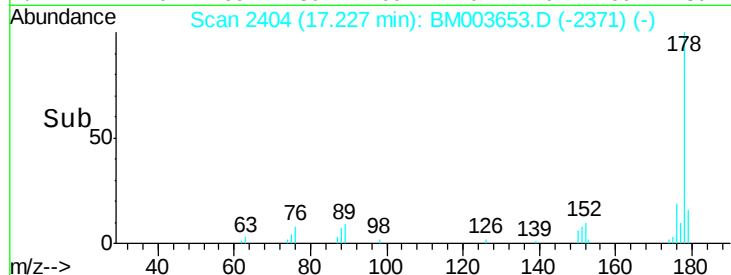
G9C63DL



Tgt Ion:	178	Resp:	31417
Ion Ratio	Lower	Upper	
178	100		
179	16.0	12.1	18.1
176	19.1	14.8	22.2

Manual Integrations
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#77

Fluoranthene

Concen: 3.64 ng/ul

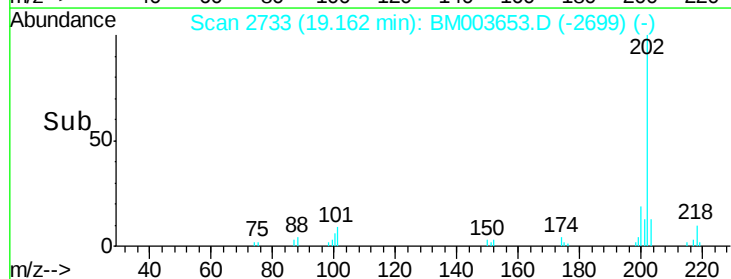
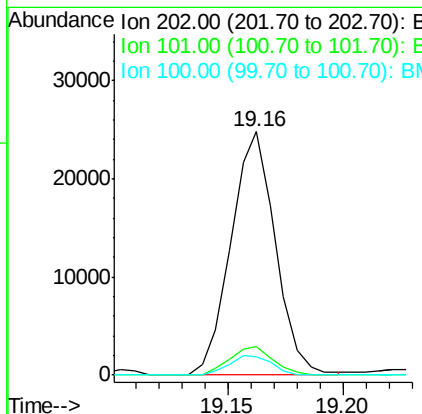
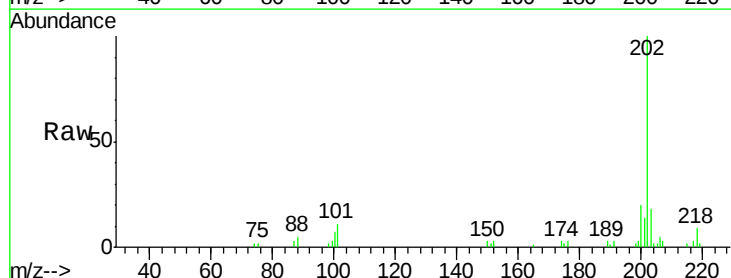
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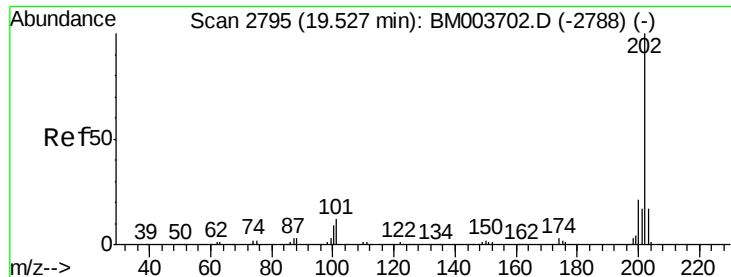
Delta R.T. 0.00 min

Lab File: BM003653.D

Acq: 20 Dec 2015 14:18

Tgt Ion:	202	Resp:	33201
Ion Ratio	Lower	Upper	
202	100		
101	11.5	8.8	13.2
100	7.4	6.6	9.8





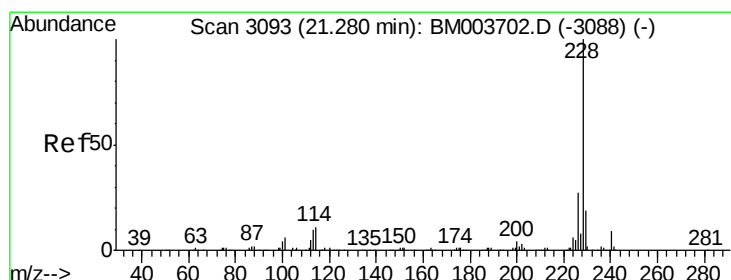
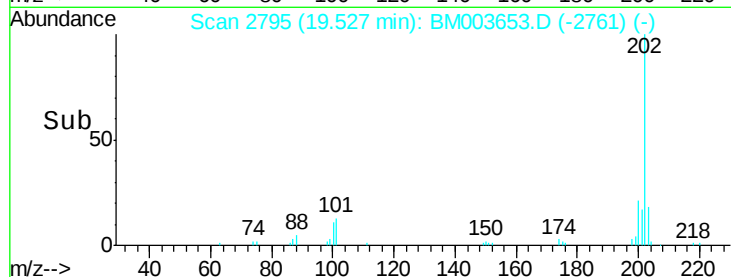
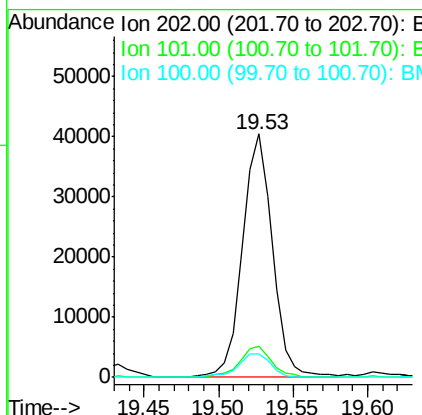
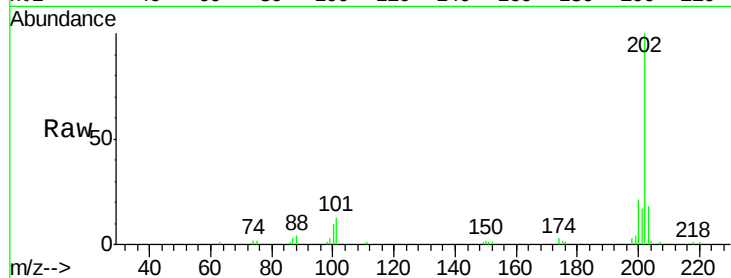
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 Pyrene
 Concen: 5.20 ng/ul
 RT: 19.53 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BM003653.D
 Acq: 20 Dec 2015 14:18

Instrument :
 BNA_M
 ClientSampleID :
 G9C63DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.0	10.2	15.2
100	9.6	8.5	12.7

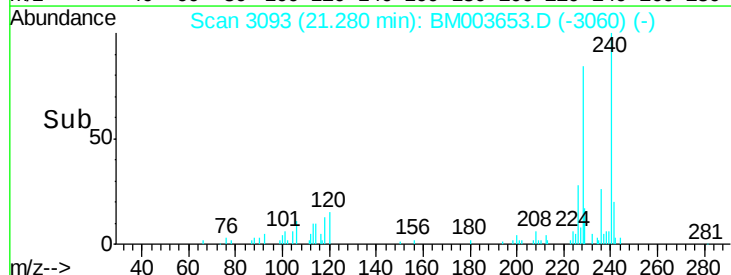
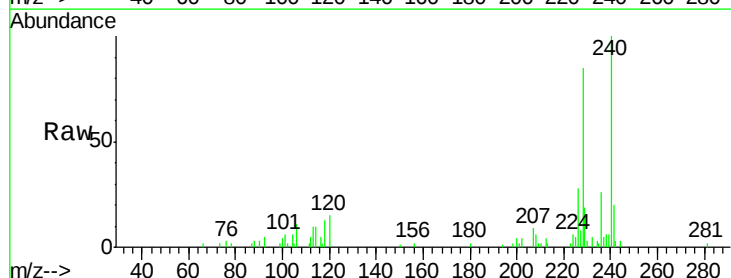
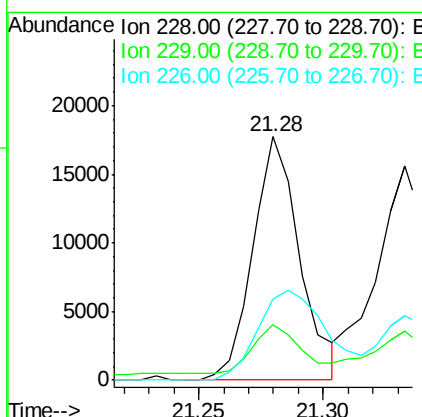
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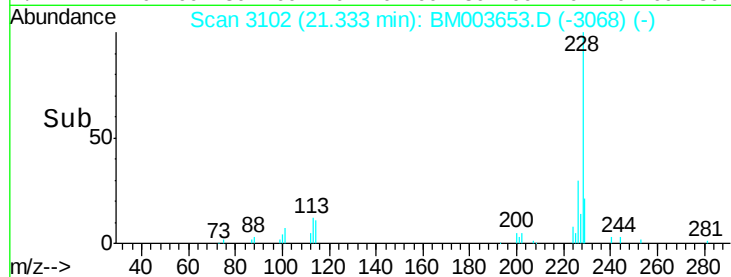
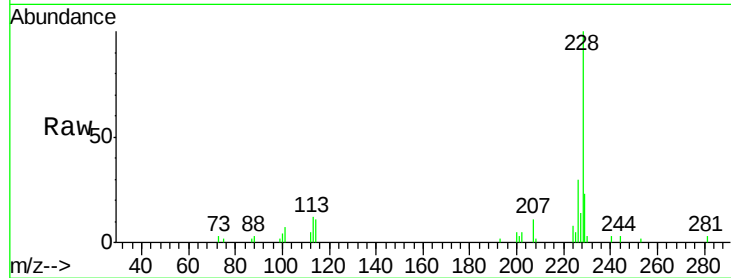
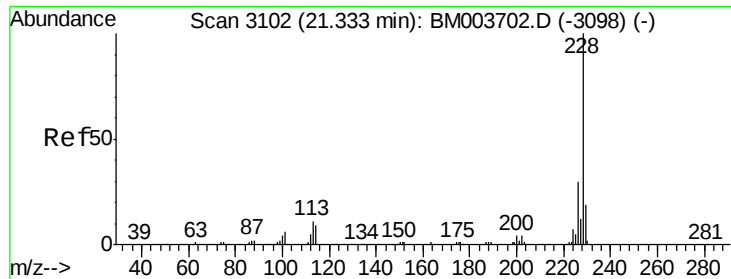
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#83
 Benzo(a)anthracene
 Concen: 2.02 ng/ul m
 RT: 21.28 min Scan# 3093
 Delta R.T. -0.01 min
 Lab File: BM003653.D
 Acq: 20 Dec 2015 14:18

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.6	15.7	23.5
226	33.4	21.8	32.6#





#85

Chrysene

Concen: 2.08 ng/ul

RT: 21.33 min Scan# 3102

Delta R.T. 0.00 min

Lab File: BM003653.D

Acq: 20 Dec 2015 14:18

Tgt Ion:	228	Resp:	22923
Ion Ratio	Lower	Upper	
228	100		
226	30.0	24.0	36.0
229	23.0	15.6	23.4

Instrument :

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ClientSampleId :

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