

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
 Data File : BM003623.D
 Acq On : 19 Dec 2015 17:09
 Operator : UM/SJ
 Sample : G4801-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 G9C63

Manual Integrations
 APPROVED

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 12/25/2015 12:28:47 AM

Quant Time: Dec 23 07:46:41 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-BM121915.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Dec 20 01:33:56 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	37158	20.00	ng/ul	0.00
18) Naphthalene-d8	10.49	136	187180	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.35	164	119094	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	269616	20.00	ng/ul	0.00
78) Chrysene-d12	21.30	240	324696	20.00	ng/ul	0.00
86) Perylene-d12	23.55	264	332213	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.16	96	1717	2.49	ng/uL	0.00
5) Phenol-d5	6.87	99	38816	12.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	26117	15.65	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	35705	13.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	25098	9.25	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	20368	15.00	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	21624	14.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	34891	12.51	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	36088	9.72	ng/ul	0.00
44) Dimethylphthalate-d6	13.76	166	139036	14.13	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	160454	14.32	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	20826m	10.86	ng/ul	0.00
58) Fluorene-d10	15.34	176	118584	14.56	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	15322	10.08	ng/ul	0.00
71) Anthracene-d10	17.20	188	183299	14.94	ng/ul	0.00
79) Pyrene-d10	19.50	212	205876	14.52	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.41	264	234722	14.22	ng/ul	0.00

Target Compounds

						Ovalue
6) Phenol	6.90	94	7394	2.24	ng/ul	98
28) Naphthalene	10.55	128	2372029	245.97	ng/ul	99
34) 2-Methylnaphthalene	12.16	142	971433	134.88	ng/ul	100
41) 1,1'-Biphenyl	13.18	154	100411	10.38	ng/ul	100
45) Dimethylphthalate	13.81	163	93774	9.31	ng/ul	99
48) Acenaphthylene	14.07	152	66607	5.44	ng/ul#	80
50) Acenaphthene	14.42	153	229857	28.09	ng/ul	98
54) Dibenzofuran	14.75	168	30098	2.58	ng/ul#	79
59) Fluorene	15.40	166	177458	18.93	ng/ul	99
70) Phenanthrene	17.14	178	753457	50.52	ng/ul	100
72) Anthracene	17.23	178	218692	14.38	ng/ul	99
77) Fluoranthene	19.17	202	229842	13.41	ng/ul	99
80) Pyrene	19.53	202	375679	20.10	ng/ul	99
83) Benzo(a)anthracene	21.29	228	160209m	8.19	ng/ul	
85) Chrysene	21.34	228	153176	8.12	ng/ul	96
88) Benzo(b)fluoranthene	22.88	252	81893m	4.09	ng/ul	
91) Benzo(a)pyrene	23.45	252	92957	4.85	ng/ul	97

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

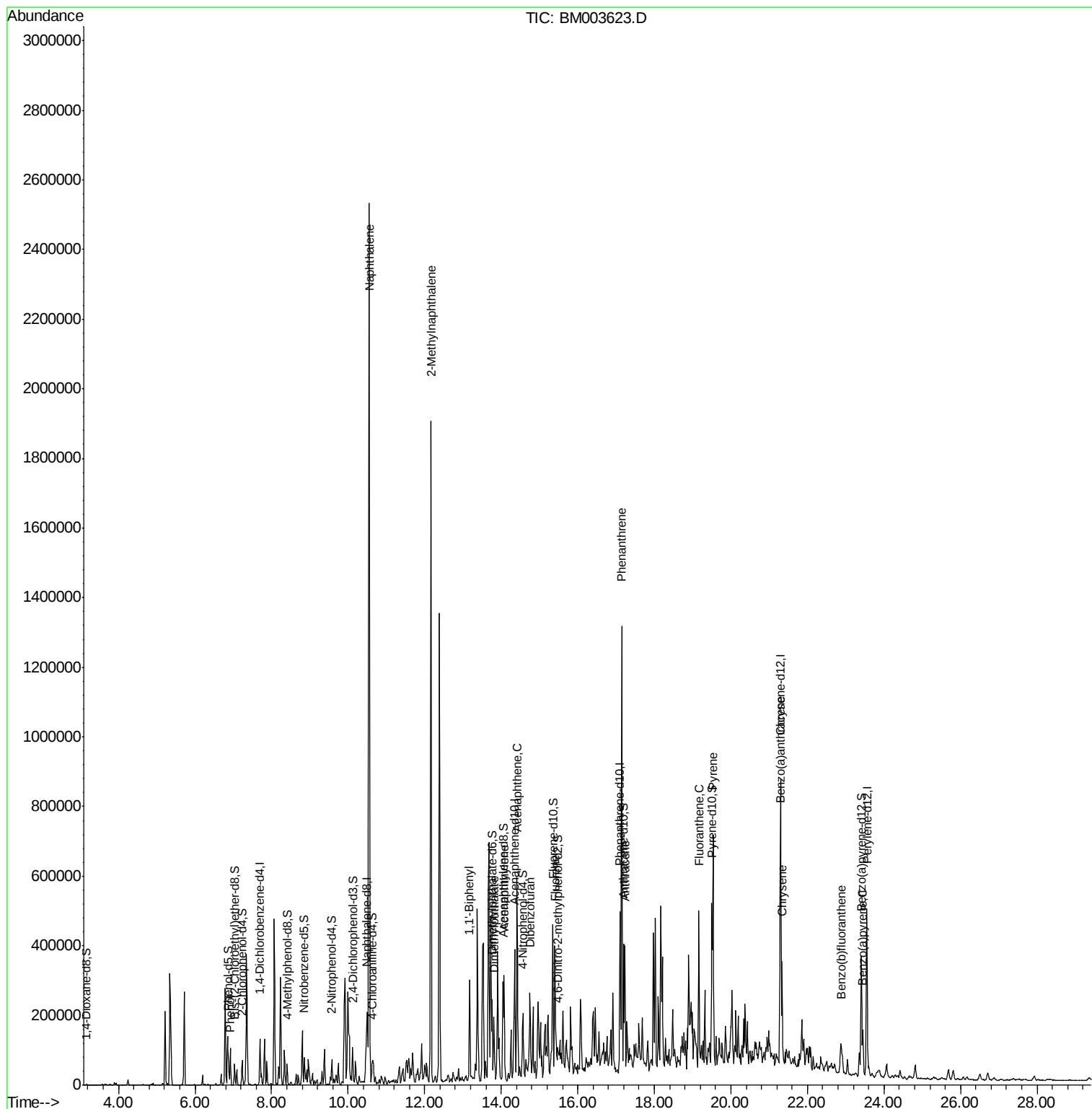
Data Path : Z:\HPCHEM1\BNA M\DATA\BM121915\
Data File : BM003623.D
Acq On : 19 Dec 2015 17:09
Operator : UM/SJ
Sample : G4801-15
Misc :
ALS Vial : 10 Sample Multiplier: 1

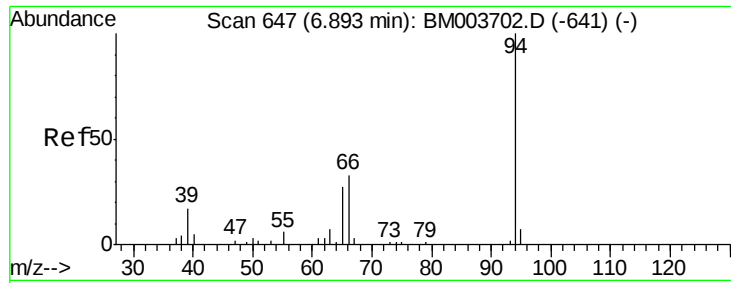
Instrument :
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 2.24 ng/ul

RT: 6.90 min Scan# 648

Delta R.T. -0.00 min

Lab File: BM003623.D

Acq: 19 Dec 2015 17:09

Instrument :

BNA_M

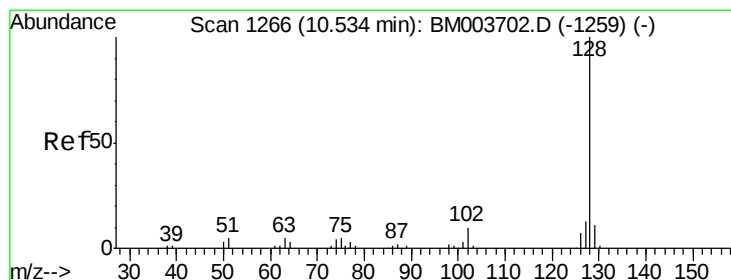
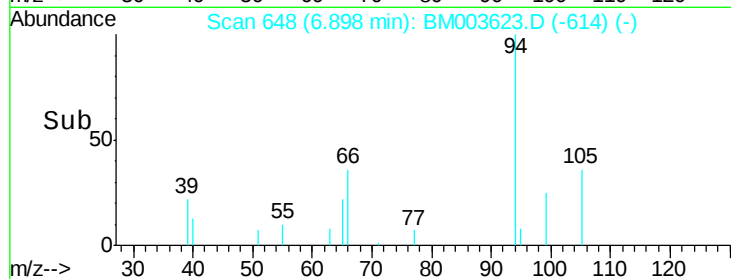
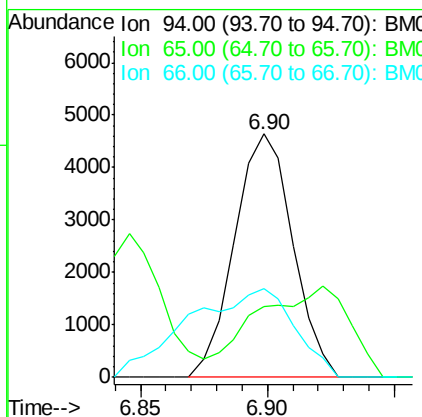
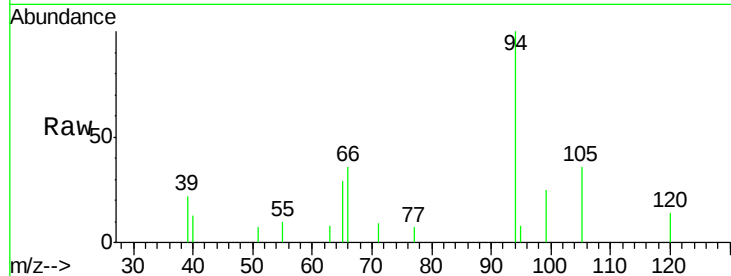
ClientSampleId :

G9C63

Tot Ion:	94	Resp:	7394
Ion	Ratio	Lower	Upper
94	100		
65	28.8	21.0	31.6
66	36.3	29.3	43.9

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#28

Naphthalene

Concen: 245.97 ng/ul

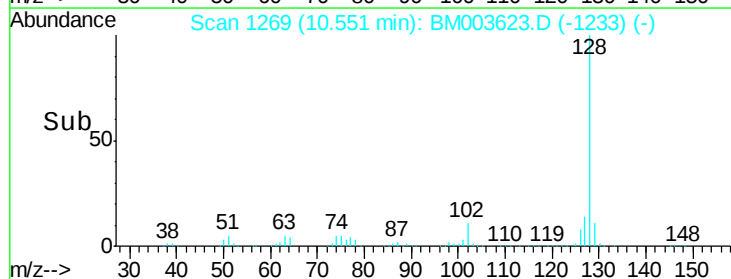
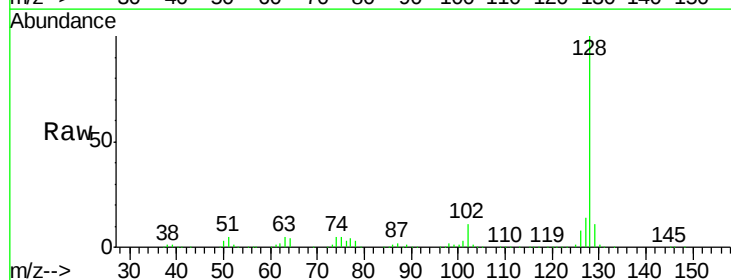
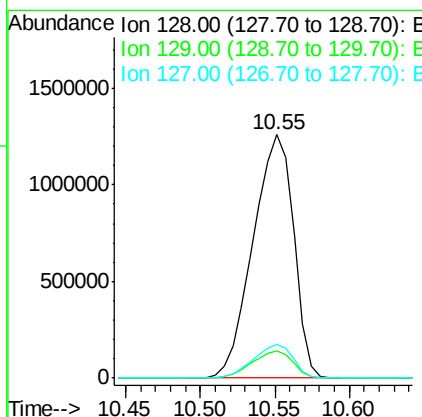
RT: 10.55 min Scan# 1269

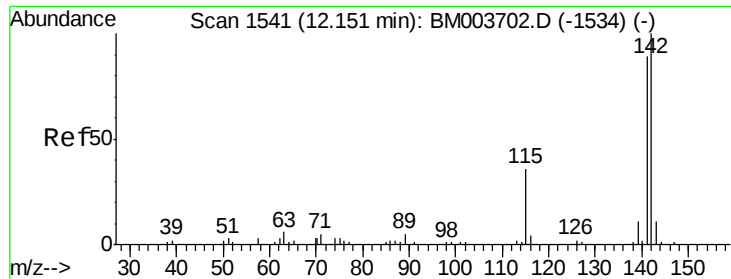
Delta R.T. 0.01 min

Lab File: BM003623.D

Acq: 19 Dec 2015 17:09

Tgt Ion:	128	Resp:	2372029
Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.8	13.2
127	13.6	10.5	15.7





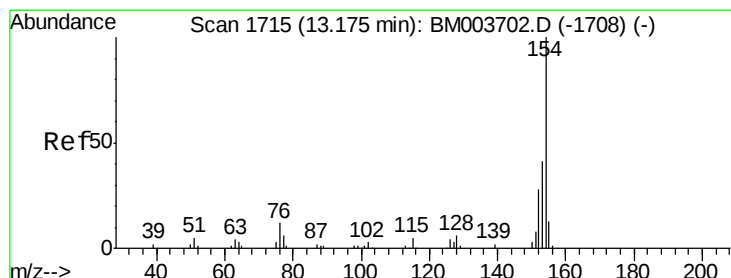
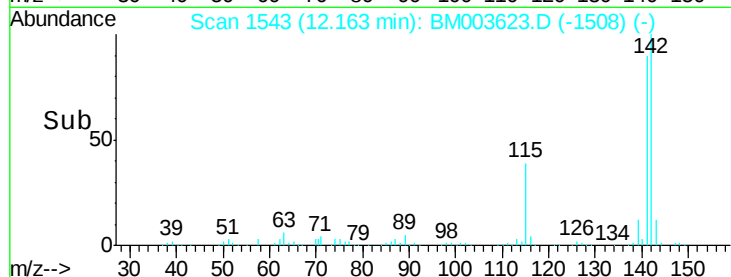
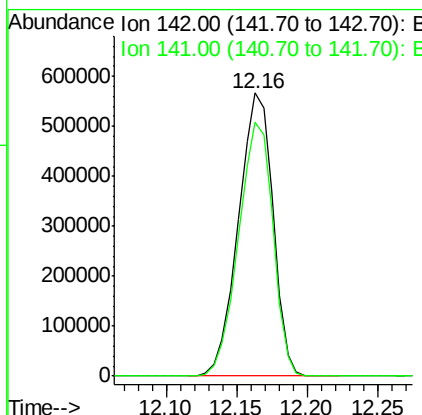
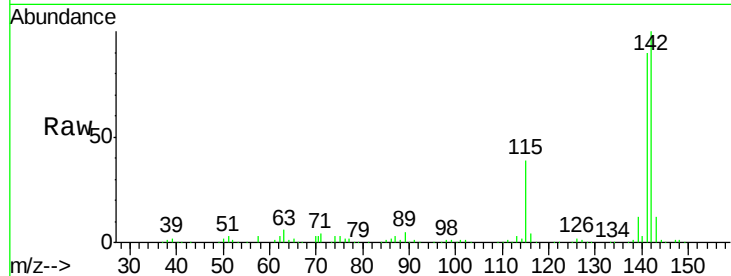
#34
 2-Methylnaphthalene
 Concen: 134.88 ng/ul
 RT: 12.16 min Scan# 1543
 Delta R.T. 0.01 min
 Lab File: BM003623.D
 Acq: 19 Dec 2015 17:09

Instrument :
 BNA_M
 ClientSampleId :
 G9C63

Tot Ion:142 Resp: 971433
 Ion Ratio Lower Upper
 142 100
 141 89.9 71.6 107.4

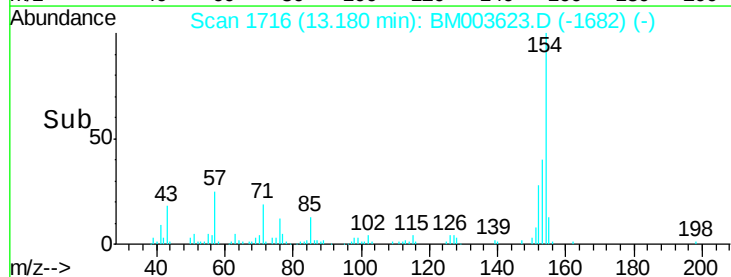
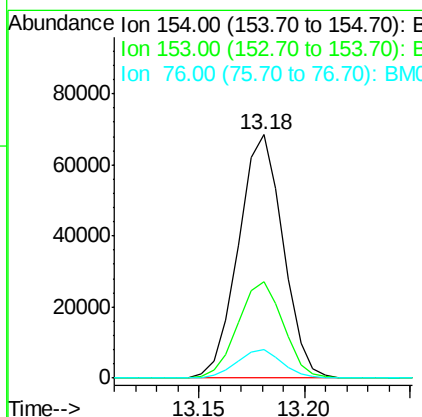
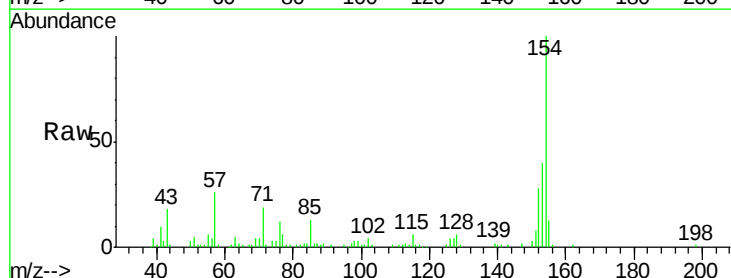
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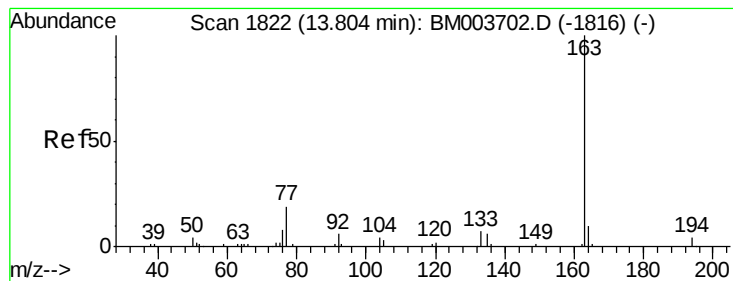
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#41
 1,1'-Biphenyl
 Concen: 10.38 ng/ul
 RT: 13.18 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BM003623.D
 Acq: 19 Dec 2015 17:09

Tgt Ion:154 Resp: 100411
 Ion Ratio Lower Upper
 154 100
 153 39.7 32.1 48.1
 76 11.8 9.5 14.3





#45

Dimethylphthalate

Concen: 9.31 ng/ul

RT: 13.81 min Scan# 1823

Delta R.T. -0.00 min

Lab File: BM003623.D

Acq: 19 Dec 2015 17:09

Instrument :

BNA_M

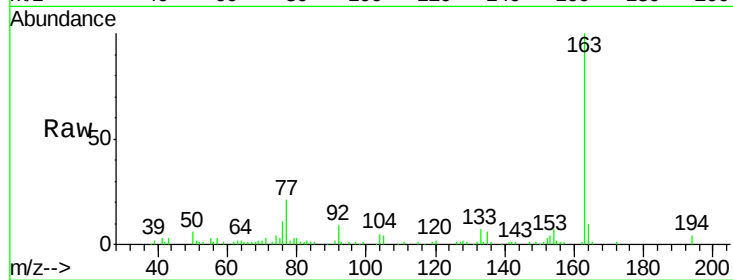
ClientSampleId :

G9C63

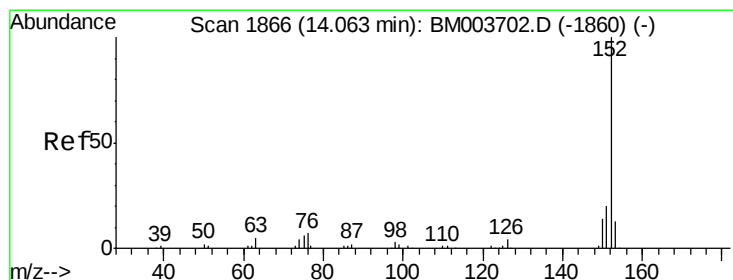
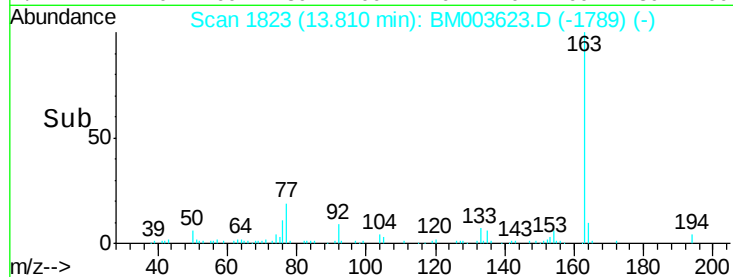
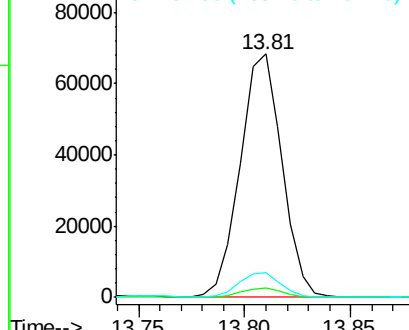
Tot Ion:	163	Resp:	93774
Ion Ratio	Lower	Upper	
163	100		
194	3.7	3.2	4.8
164	10.3	7.8	11.8

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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: 5.44 ng/ul

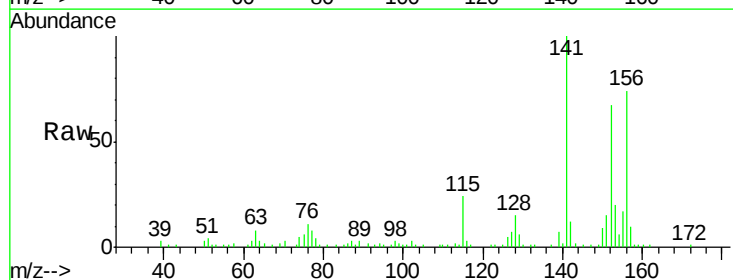
RT: 14.07 min Scan# 1868

Delta R.T. -0.00 min

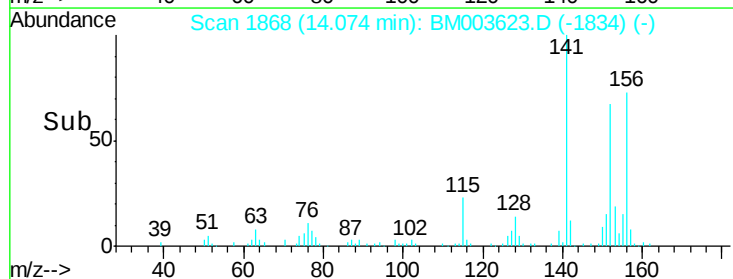
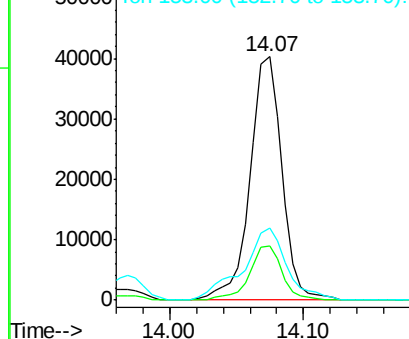
Lab File: BM003623.D

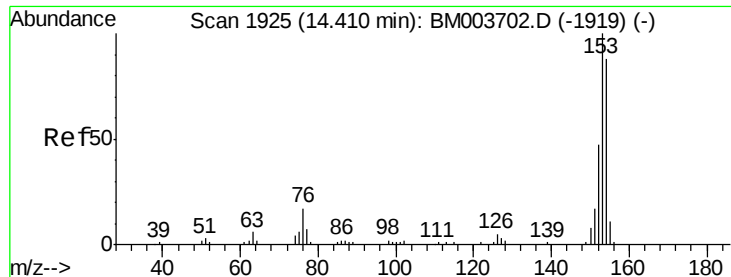
Acq: 19 Dec 2015 17:09

Tgt Ion:	152	Resp:	66607
Ion Ratio	Lower	Upper	
152	100		
151	22.0	15.7	23.5
153	29.5	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: 28.09 ng/ul

RT: 14.42 min Scan# 1926

Delta R.T. -0.00 min

Lab File: BM003623.D

Acq: 19 Dec 2015 17:09

Instrument :

BNA_M

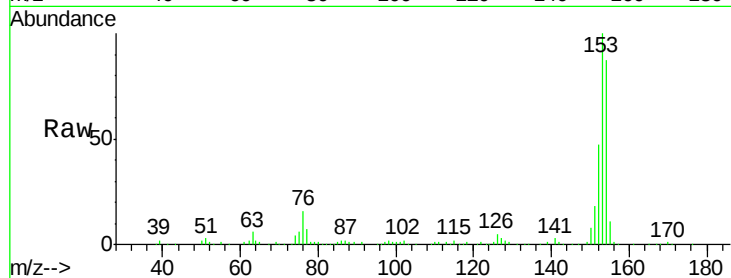
ClientSampleId :

G9C63

Tot Ion:	153	Resp:	229857
Ion Ratio	Lower	Upper	
153	100		
152	47.1	38.3	57.5
154	87.2	71.8	107.8

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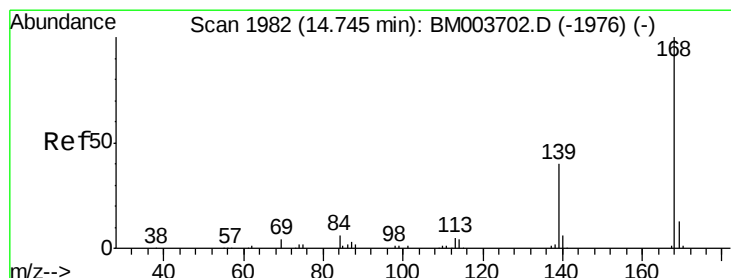
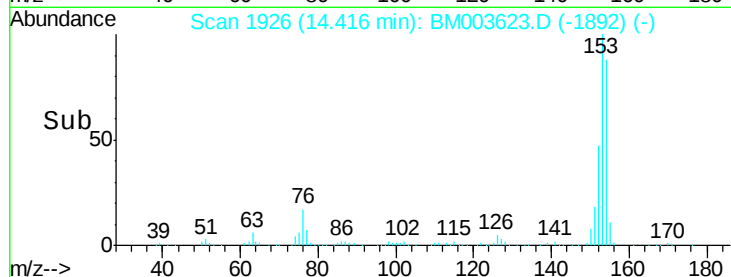
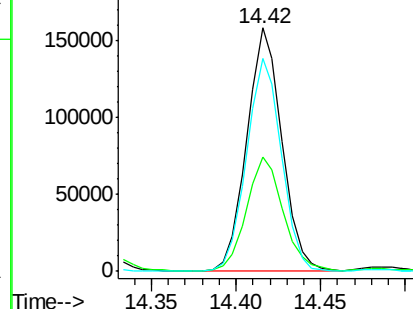
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 2.58 ng/ul

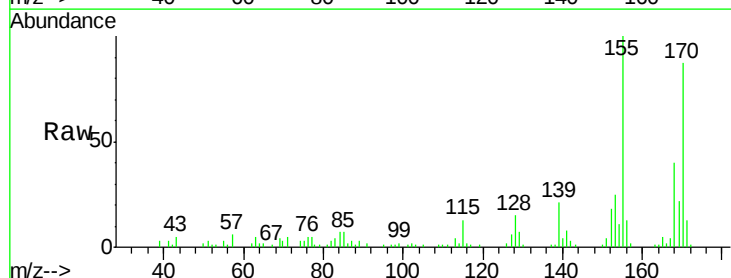
RT: 14.75 min Scan# 1983

Delta R.T. -0.00 min

Lab File: BM003623.D

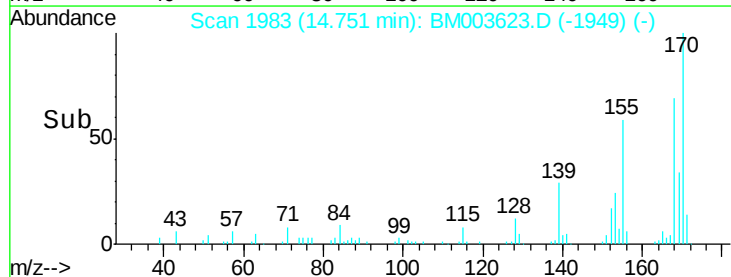
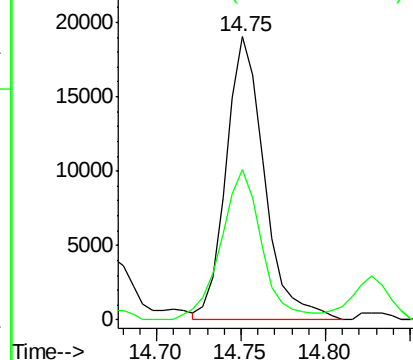
Acq: 19 Dec 2015 17:09

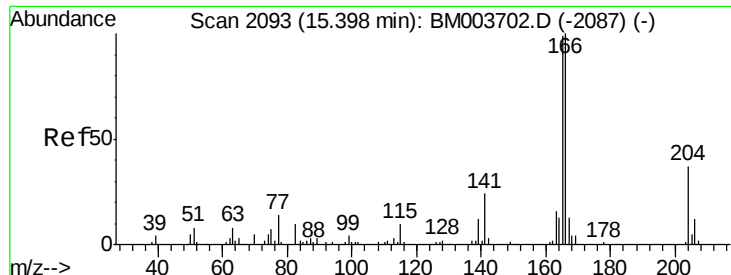
Tgt Ion:	168	Resp:	30098
Ion Ratio	Lower	Upper	
168	100		
139	53.0	32.2	48.2#



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 18.93 ng/ul

RT: 15.40 min Scan# 2094

Delta R.T. -0.00 min

Lab File: BM003623.D

Acq: 19 Dec 2015 17:09

Instrument :

BNA_M

ClientSampleId :

G9C63

Tot Ion:166 Resp: 177458

Ion Ratio Lower Upper

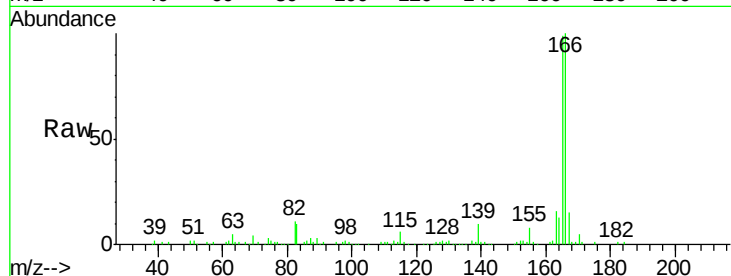
166 100

165 99.2 78.5 117.7

167 15.0 10.7 16.1

Manual Integrations
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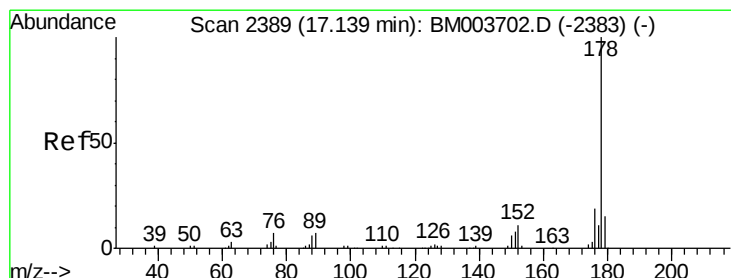
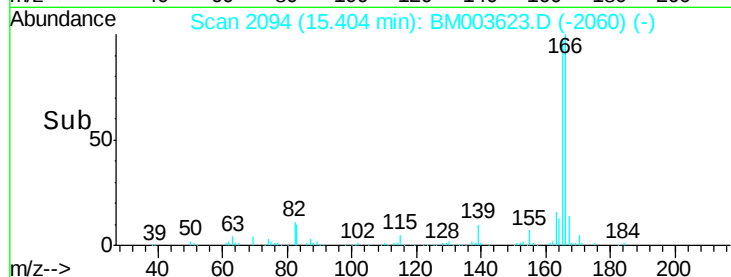
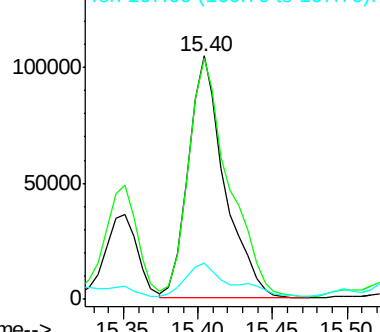
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 50.52 ng/ul

RT: 17.14 min Scan# 2390

Delta R.T. 0.01 min

Lab File: BM003623.D

Acq: 19 Dec 2015 17:09

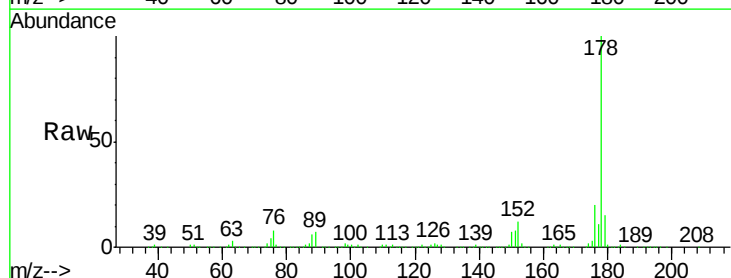
Tgt Ion:178 Resp: 753457

Ion Ratio Lower Upper

178 100

179 15.4 12.2 18.4

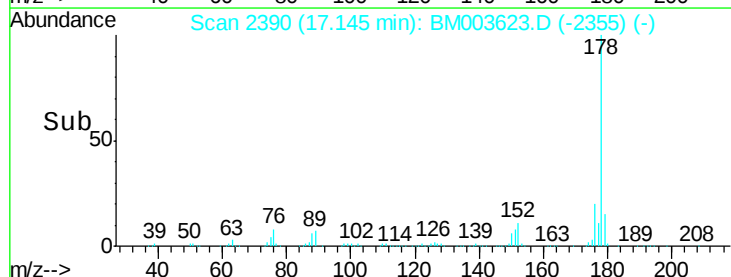
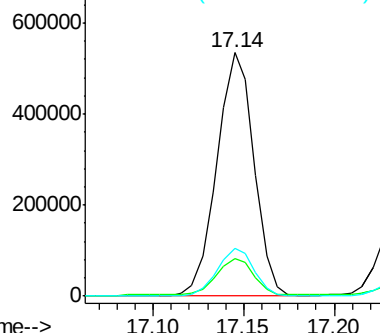
176 19.6 15.6 23.4

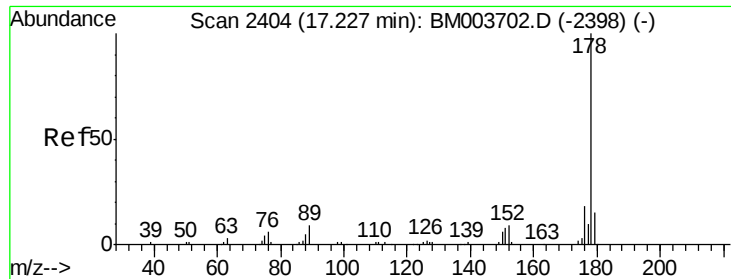


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





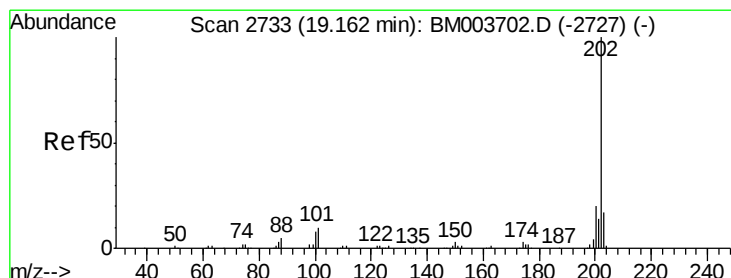
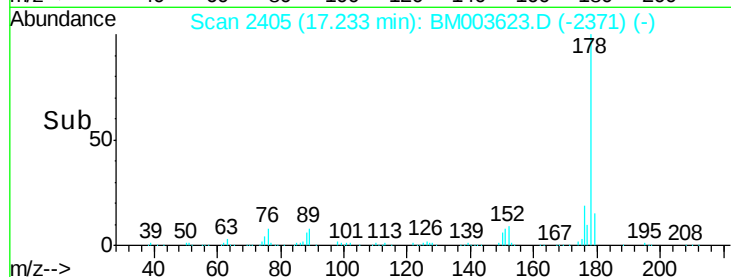
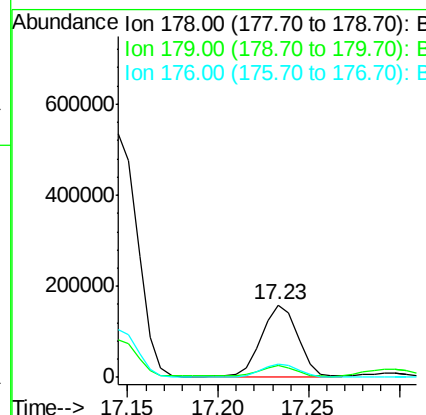
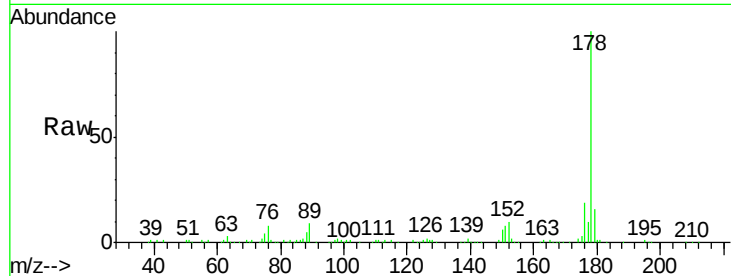
#72
 Anthracene
 Concen: 14.38 ng/ul
 RT: 17.23 min Scan# 2405
 Delta R.T. -0.00 min
 Lab File: BM003623.D
 Acq: 19 Dec 2015 17:09

Instrument :
 BNA_M
 ClientSampleId :
 G9C63

Tot Ion	Ion	Ratio	Resp	Lower	Upper
178	100		218692		
179	15.7	12.1	18.1		
176	18.8	14.8	22.2		

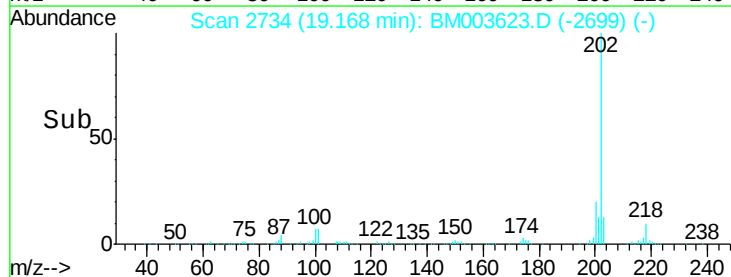
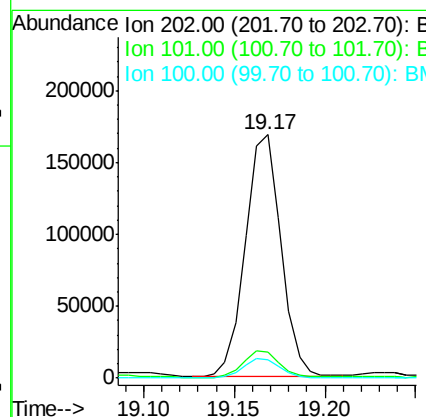
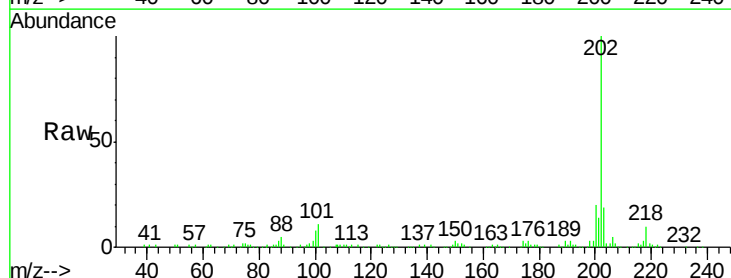
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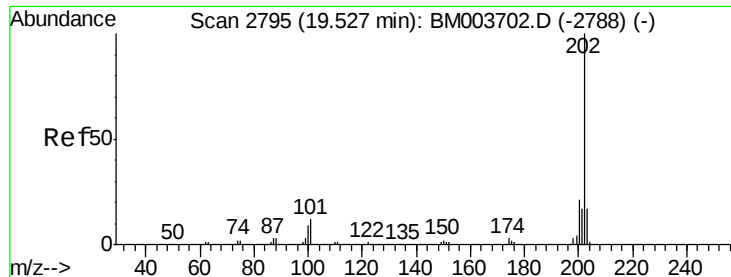
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#77
 Fluoranthene
 Concen: 13.41 ng/ul
 RT: 19.17 min Scan# 2734
 Delta R.T. 0.01 min
 Lab File: BM003623.D
 Acq: 19 Dec 2015 17:09

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		229842		
101	10.7	8.8	13.2		
100	7.7	6.6	9.8		





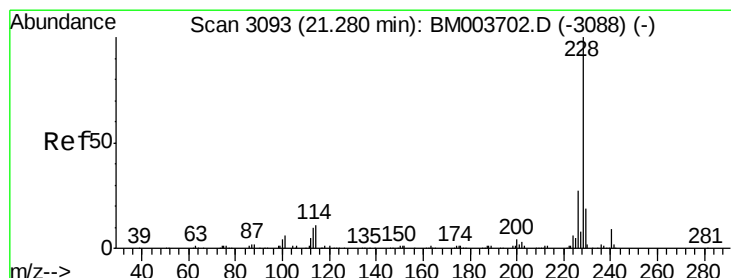
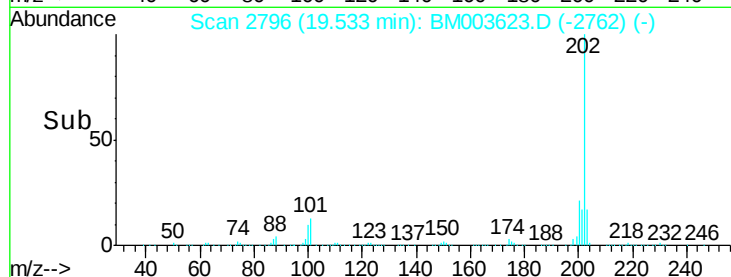
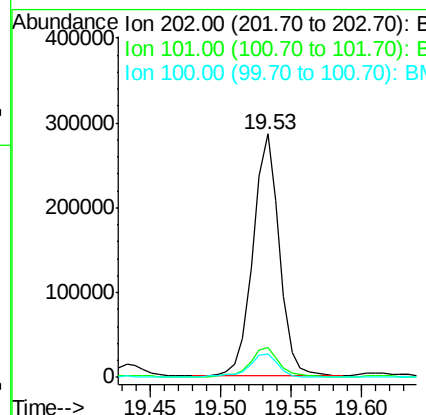
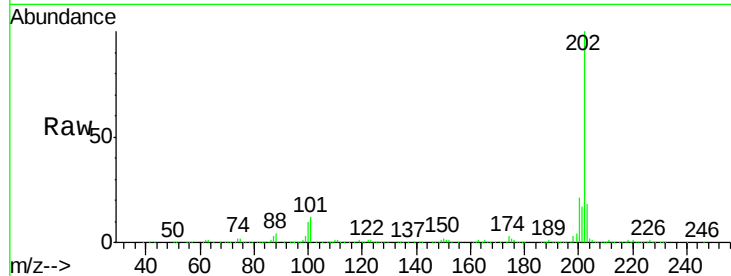
#80
Pvrene
Concen: 20.10 ng/ul
RT: 19.53 min Scan# 2796
Delta R.T. -0.00 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Instrument :
BNA_M
ClientSampleId :
G9C63

Tot Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	12.4	10.2	15.2
100	9.9	8.5	12.7

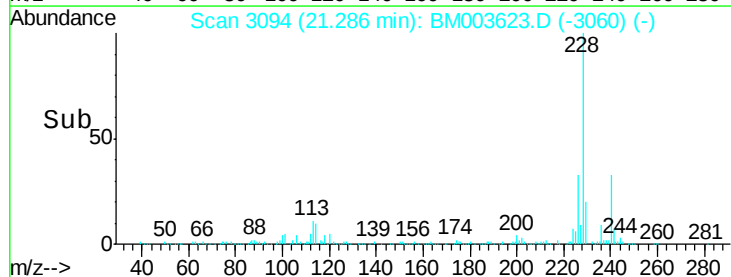
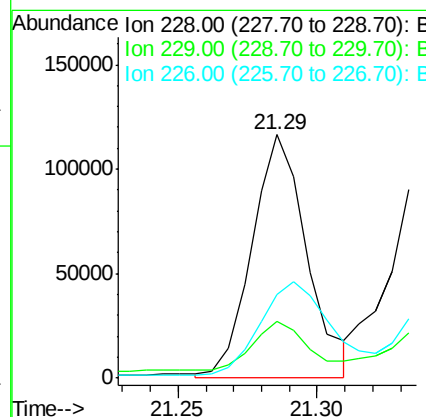
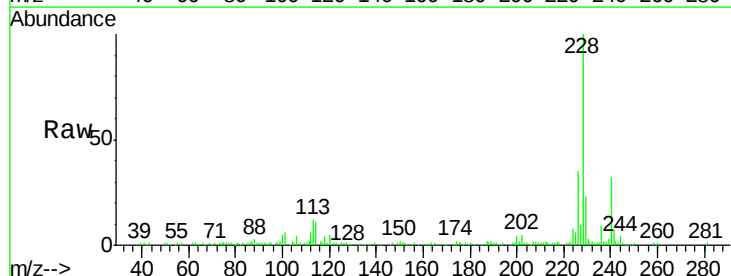
Manual Integrations
APPROVED

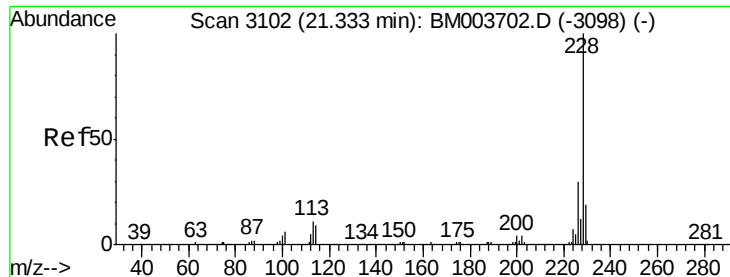
ritesh
12/25/2015 12:28:47 AM



#83
Benzo(a)anthracene
Concen: 8.19 ng/ul m
RT: 21.29 min Scan# 3094
Delta R.T. -0.00 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	23.0	15.7	23.5
226	34.6	21.8	32.6#





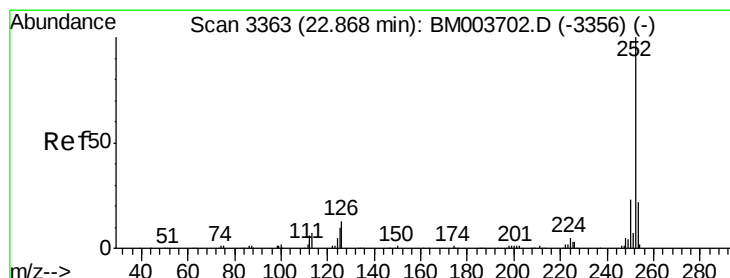
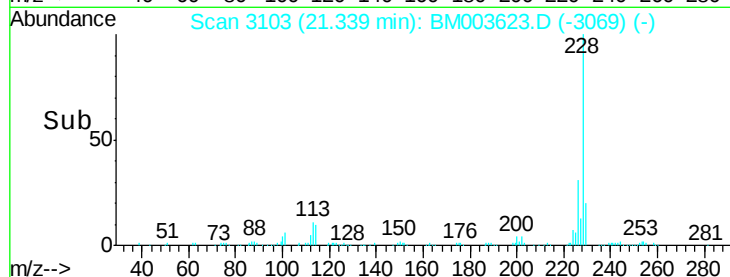
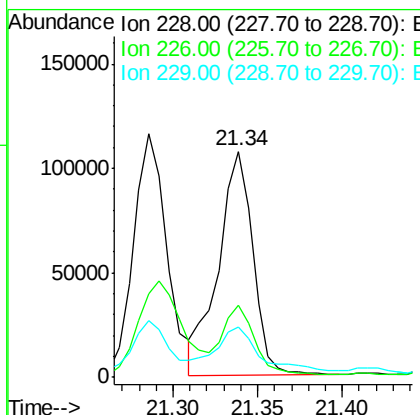
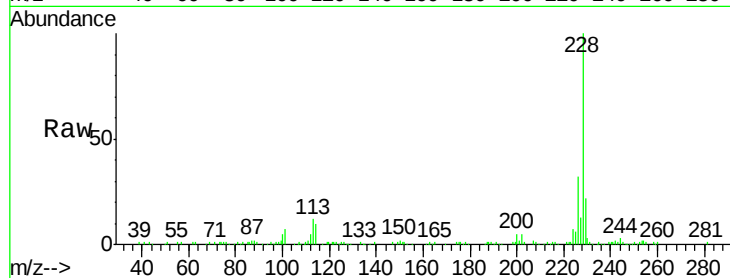
#85
 Chrvsene
 Concen: 8.12 ng/ul
 RT: 21.34 min Scan# 3103
 Delta R.T. -0.00 min
 Lab File: BM003623.D
 Acq: 19 Dec 2015 17:09

Instrument :
 BNA_M
 ClientSampleId :
 G9C63

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.0	36.0
229	22.3	15.6	23.4

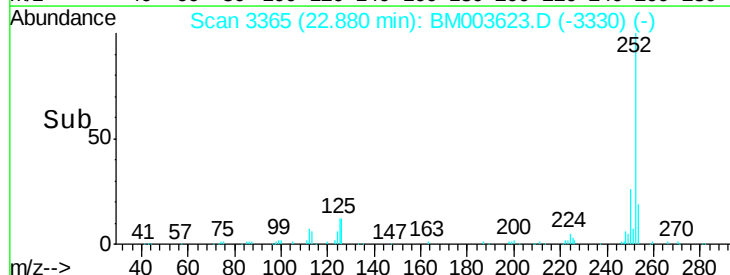
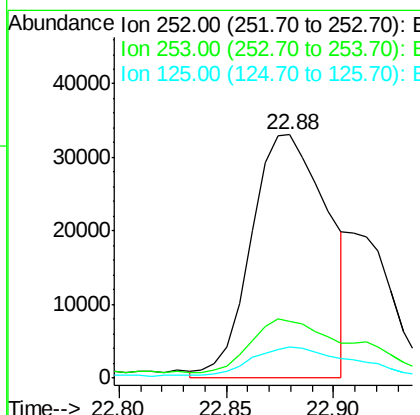
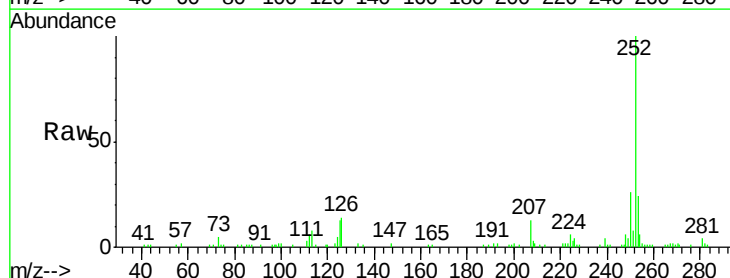
Manual Integrations
 APPROVED

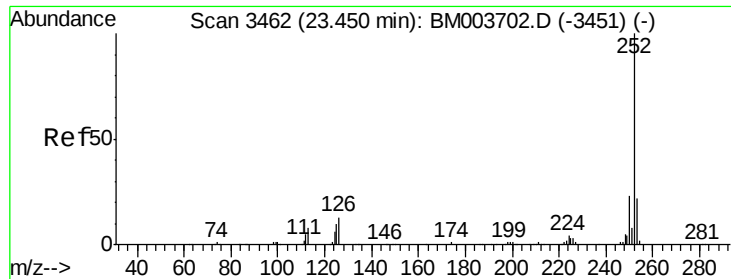
ritesh
 12/25/2015 12:28:47 AM



#88
 Benzo(b)fluoranthene
 Concen: 4.09 ng/ul m
 RT: 22.88 min Scan# 3365
 Delta R.T. 0.01 min
 Lab File: BM003623.D
 Acq: 19 Dec 2015 17:09

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.5	26.3
125	12.9	8.5	12.7#





#91
Benzo(a)pyrene
Concen: 4.85 ng/ul
RT: 23.45 min Scan# 3462
Delta R.T. -0.01 min
Lab File: BM003623.D
Acq: 19 Dec 2015 17:09

Instrument :
BNA_M
ClientSampleId :
G9C63

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	23.6	17.2	25.8
125	11.8	9.0	13.6

Manual Integrations
APPROVED

ritesh
12/25/2015 12:28:47 AM

