

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020463.D
 Acq On : 24 Dec 2015 4:00
 Operator : UM/SJ
 Sample : G4848-08MEDL 20X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N54MEDL

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:31:28 PM

Quant Time: Dec 24 06:57:40 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 24 02:43:25 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	17124	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	73218	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	53994	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	130293	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	163910	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	149208	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	7.25	99	871	0.58	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	629	0.70	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	735m	0.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	648m	0.50	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	417m	0.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	70	0.11	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.52	165	697	0.54	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	739	0.51	ng/ul	0.01
44) Dimethylphthalate-d6	14.11	166	4623	1.06	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	5254	1.03	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	4117	1.04	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.56	188	7071	1.18	ng/ul	0.00
79) Pyrene-d10	19.84	212	7897	1.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.78	264	8225m	1.11	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.95	128	113246	29.62	ng/ul	99
34) 2-Methylnaphthalene	12.55	142	36635	12.54	ng/ul	96
41) 1,1'-Biphenyl	13.55	154	12643	3.10	ng/ul	96
50) Acenaphthene	14.78	153	58265	16.04	ng/ul	97
54) Dibenzofuran	15.11	168	59687	11.05	ng/ul	98
59) Fluorene	15.76	166	57509	13.25	ng/ul	95
70) Phenanthrene	17.50	178	261903	36.75	ng/ul	100
72) Anthracene	17.59	178	20434	2.83	ng/ul	98
75) Carbazole	17.87	167	9414	1.55	ng/ul	98
77) Fluoranthene	19.51	202	155897	18.72	ng/ul	98
80) Pyrene	19.87	202	100449	10.13	ng/ul	98
83) Benzo(a)anthracene	21.72	228	24951	2.61	ng/ul	97
85) Chrysene	21.78	228	20987	2.33	ng/ul	96
88) Benzo(b)fluoranthene	23.97	252	11411	1.27	ng/ul#	92

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

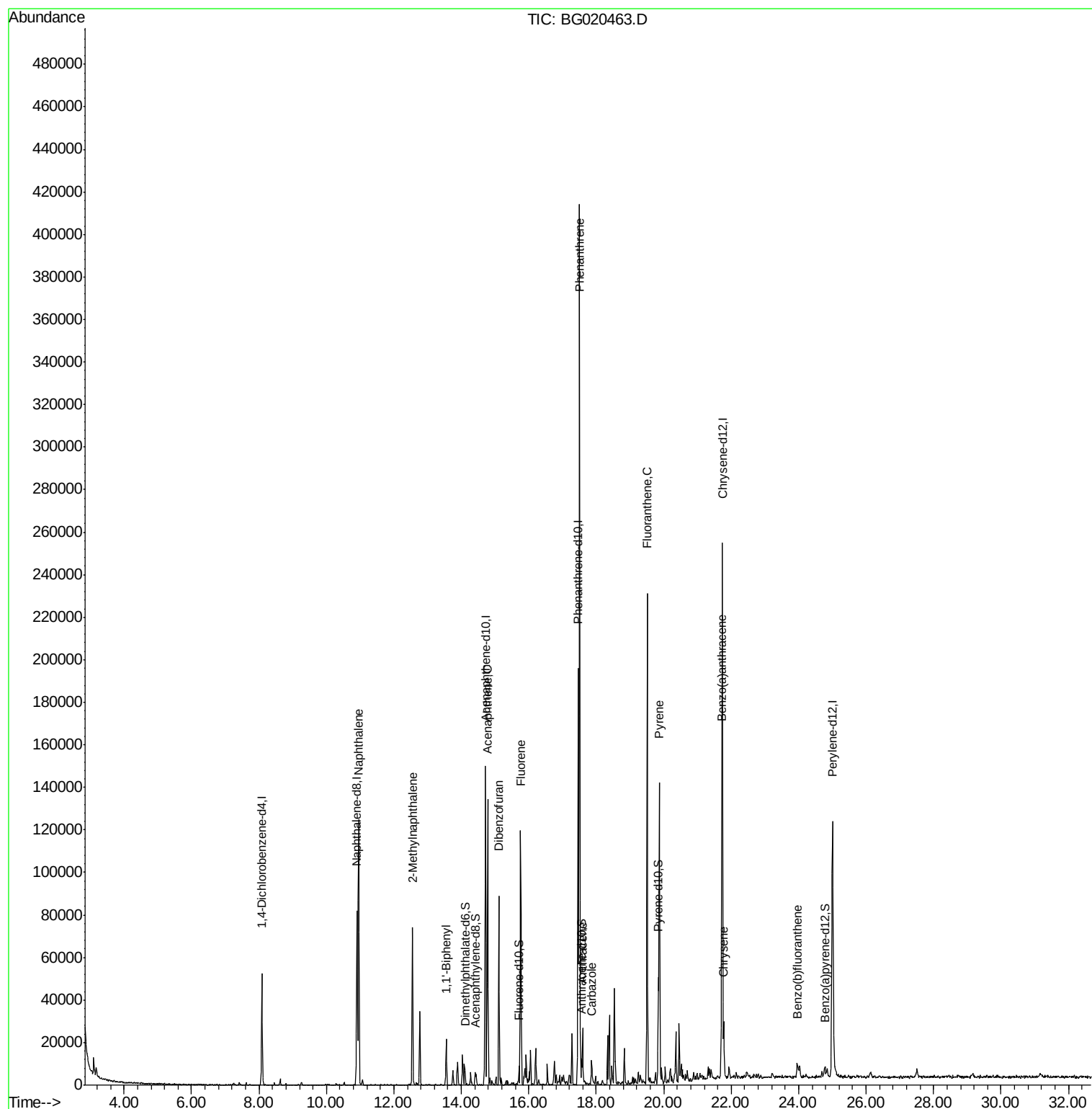
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020463.D
Acq On : 24 Dec 2015 4:00
Operator : UM/SJ
Sample : G4848-08MEDL 20X
Misc :
ALS Vial : 53 Sample Multiplier: 1

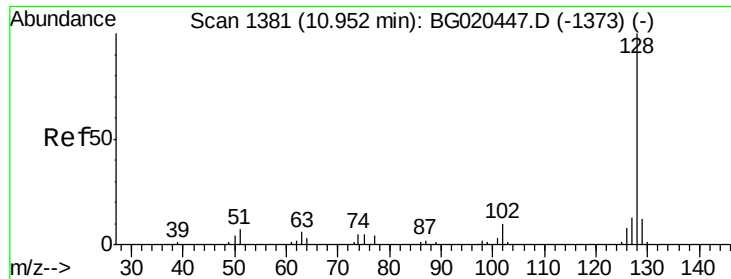
Instrument :
BNA_G
ClientSampleId :
D9N54MEDL

Manual Integrations
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Quant Time: Dec 24 06:57:40 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 24 02:43:25 2015
Response via : Initial Calibration





#28

Naphthalene

Concen: 29.62 ng/ul

RT: 10.95 min Scan# 1381

Delta R.T. 0.00 min

Lab File: BG020463.D

Acq: 24 Dec 2015 4:00

Instrument :

BNA_G

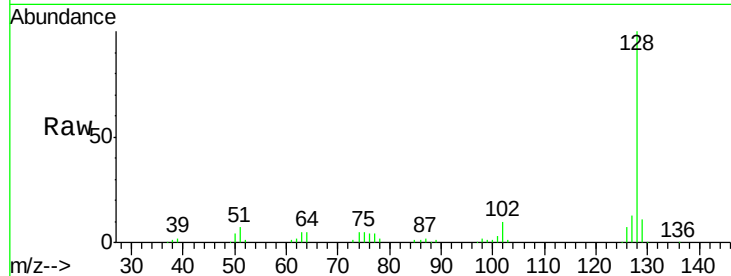
ClientSampleId :

D9N54MEDL

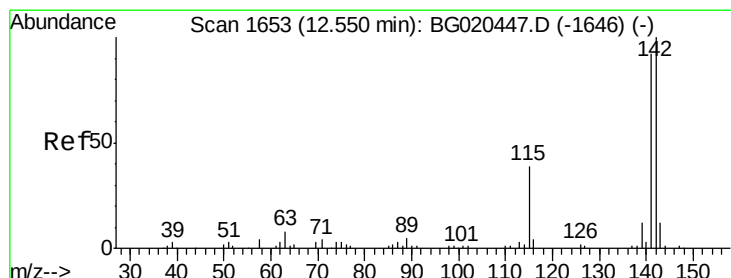
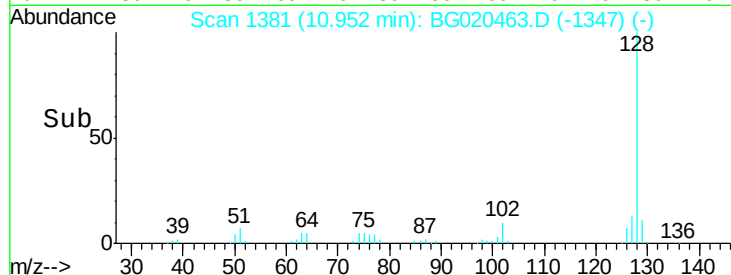
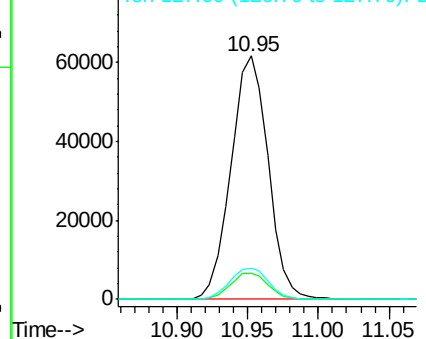
Tot Ion:	128	Resp:	113246
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.6	12.8
127	12.8	10.1	15.1

Manual Integrations
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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: 12.54 ng/ul

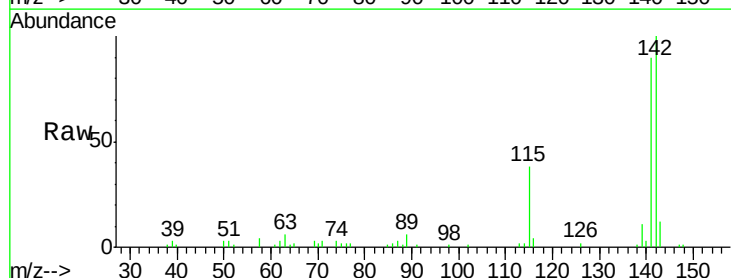
RT: 12.55 min Scan# 1653

Delta R.T. 0.00 min

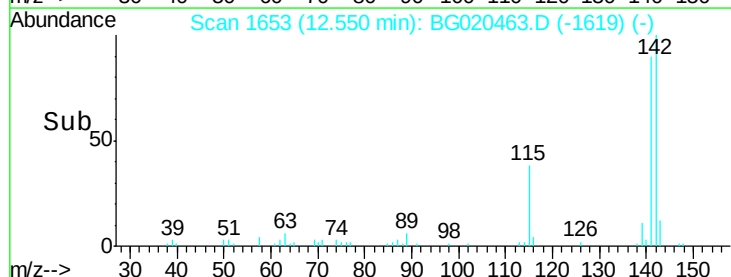
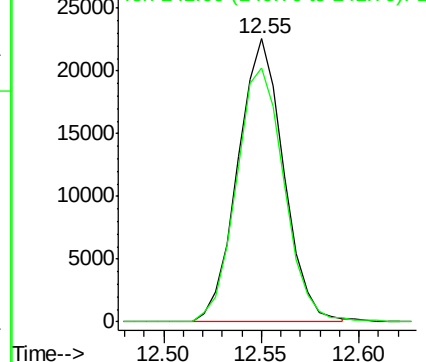
Lab File: BG020463.D

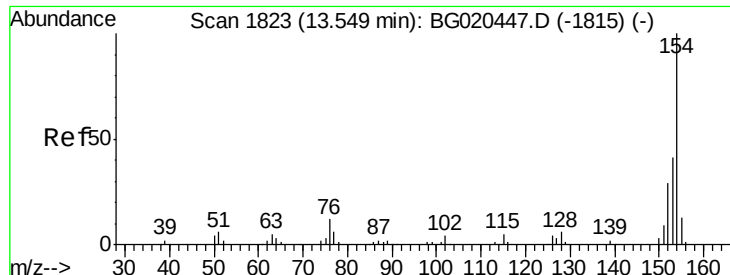
Acq: 24 Dec 2015 4:00

Tgt Ion:	142	Resp:	36635
Ion Ratio	Lower	Upper	
142	100		
141	89.8	74.9	112.3



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





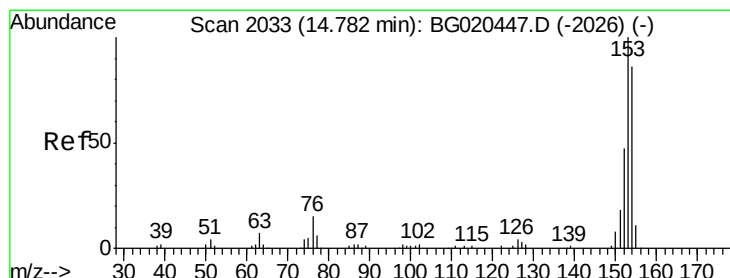
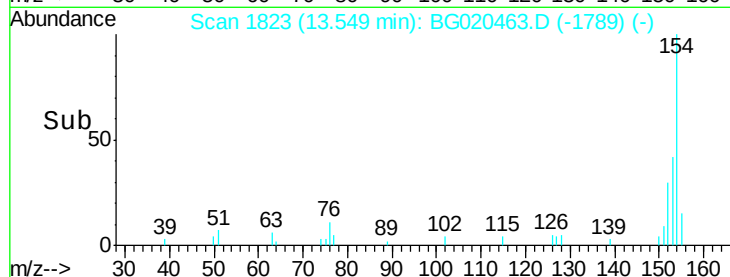
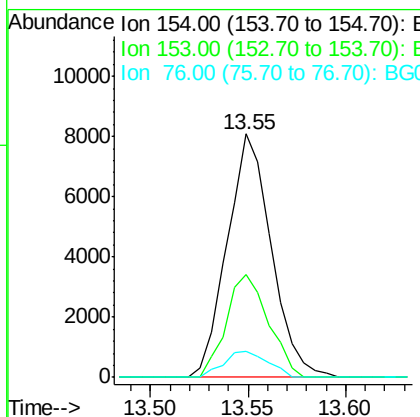
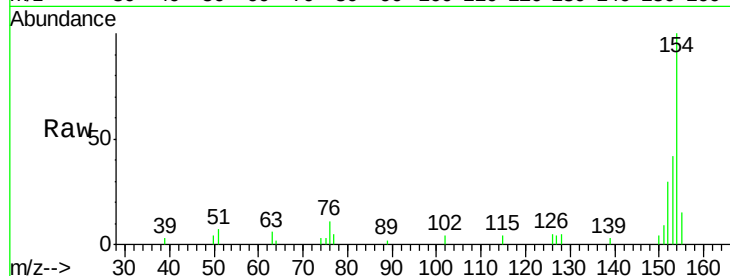
#41
 1,1'-Biphenyl
 Concen: 3.10 ng/ul
 RT: 13.55 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BG020463.D
 Acq: 24 Dec 2015 4:00

Instrument :
 BNA_G
 ClientSampleId :
 D9N54MEDL

Tot Ion	Ratio	Lower	Upper
154	100		
153	42.3	35.5	53.3
76	10.8	10.4	15.6

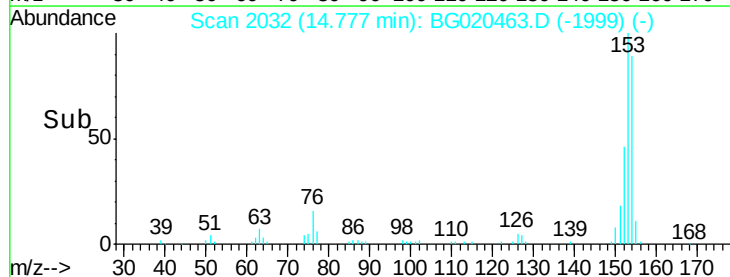
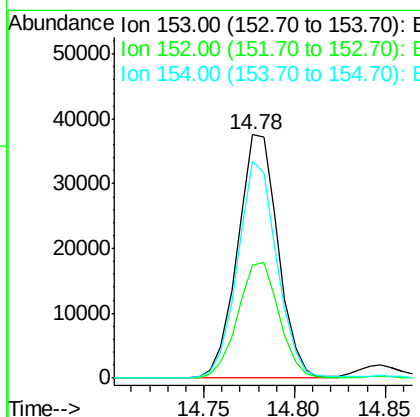
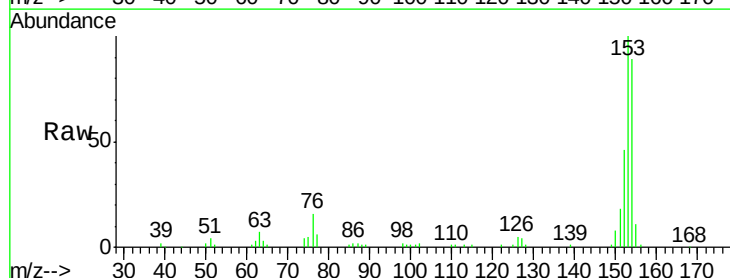
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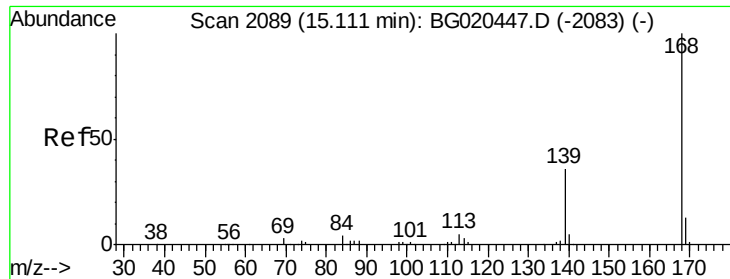
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#50
 Acenaphthene
 Concen: 16.04 ng/ul
 RT: 14.78 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BG020463.D
 Acq: 24 Dec 2015 4:00

Tgt Ion	Ratio	Lower	Upper
153	100		
152	46.4	37.6	56.4
154	89.2	67.9	101.9





#54

Dibenzenofuran

Concen: 11.05 ng/ul

RT: 15.11 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BG020463.D

Acq: 24 Dec 2015 4:00

Instrument :

BNA_G

ClientSampleId :

D9N54MEDL

Tot Ion:168 Resp: 59687

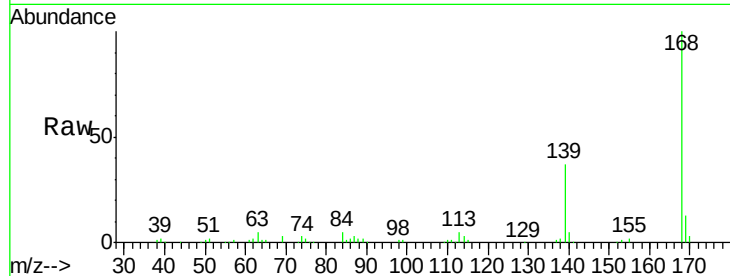
Ion Ratio Lower Upper

168 100

139 37.0 30.5 45.7

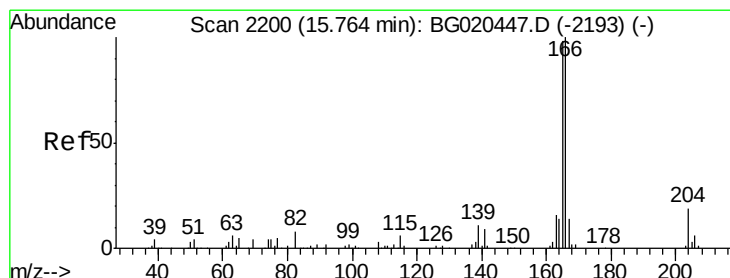
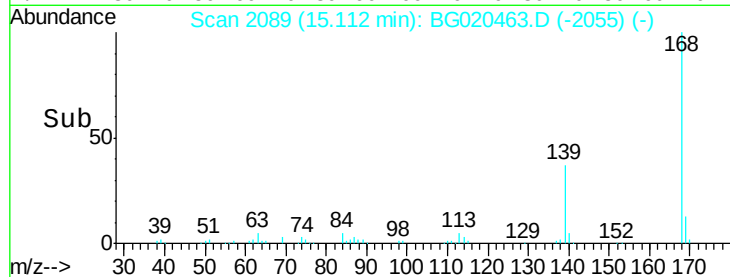
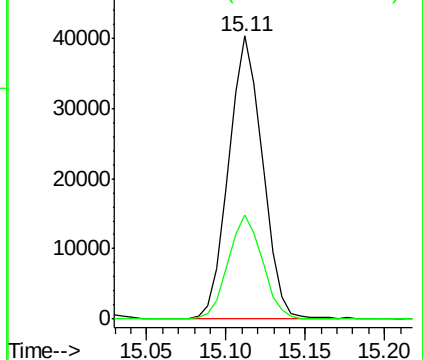
Manual Integrations
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Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E



#59

Fluorene

Concen: 13.25 ng/ul

RT: 15.76 min Scan# 2200

Delta R.T. 0.00 min

Lab File: BG020463.D

Acq: 24 Dec 2015 4:00

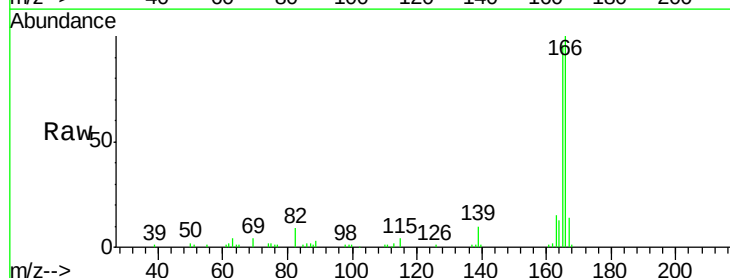
Tgt Ion:166 Resp: 57509

Ion Ratio Lower Upper

166 100

165 96.3 81.4 122.0

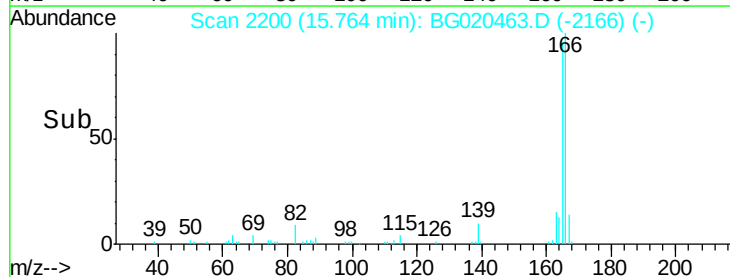
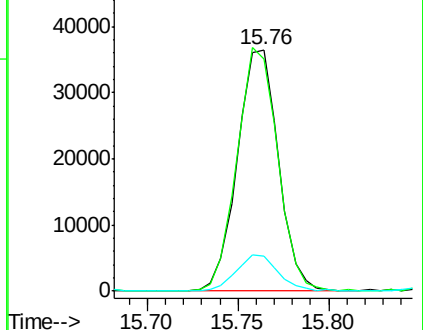
167 14.3 11.2 16.8

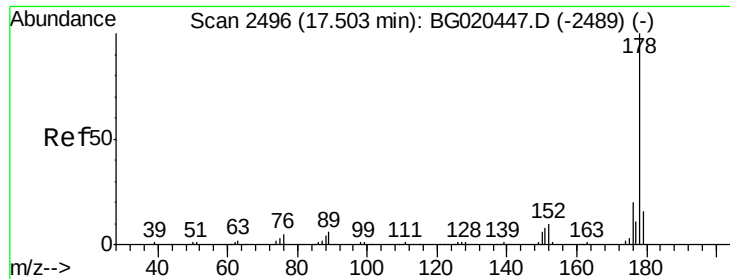


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#70

Phenanthrene

Concen: 36.75 ng/ul

RT: 17.50 min Scan# 2496

Delta R.T. 0.00 min

Lab File: BG020463.D

Acq: 24 Dec 2015 4:00

Instrument :

BNA_G

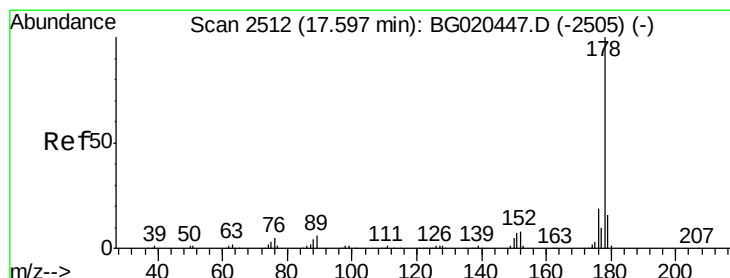
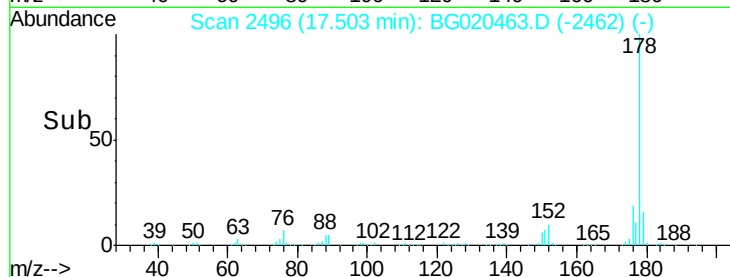
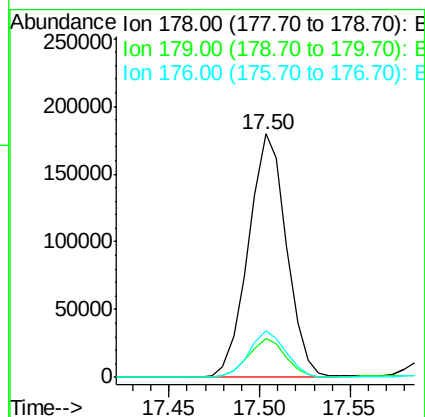
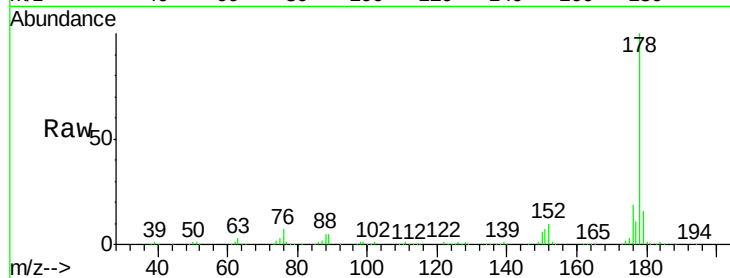
ClientSampleId :

D9N54MEDL

Tot Ion:	178	Resp:	261903
Ion Ratio	Lower	Upper	
178	100		
179	15.9	12.9	19.3
176	19.0	15.3	22.9

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#72

Anthracene

Concen: 2.83 ng/ul

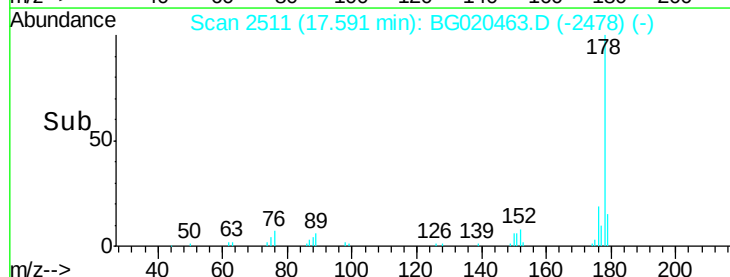
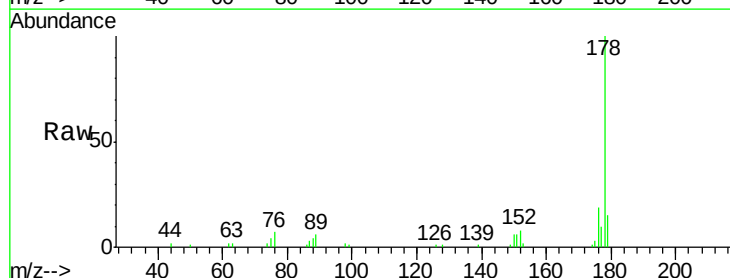
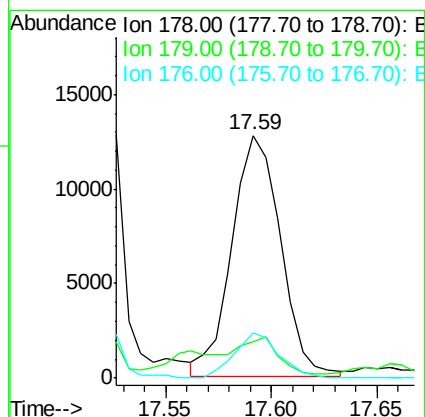
RT: 17.59 min Scan# 2511

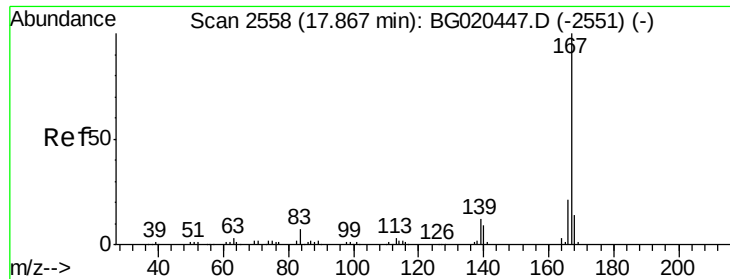
Delta R.T. -0.01 min

Lab File: BG020463.D

Acq: 24 Dec 2015 4:00

Tgt Ion:	178	Resp:	20434
Ion Ratio	Lower	Upper	
178	100		
179	14.7	12.3	18.5
176	18.7	14.3	21.5





#75

Carbazole

Concen: 1.55 ng/ul

RT: 17.87 min Scan# 2558

Delta R.T. 0.00 min

Lab File: BG020463.D

Acq: 24 Dec 2015 4:00

Instrument :

BNA_G

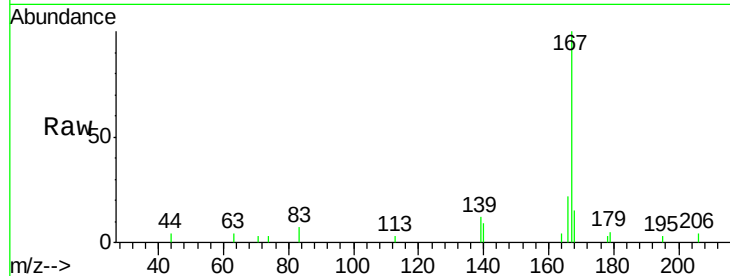
ClientSampleId :

D9N54MEDL

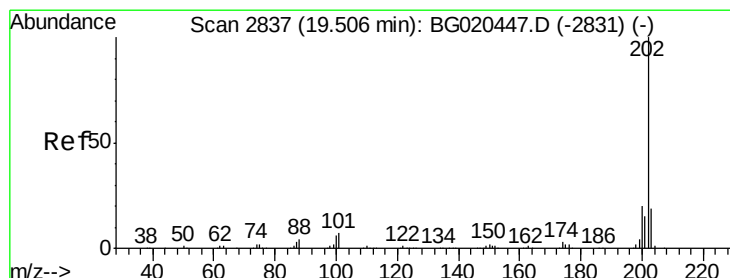
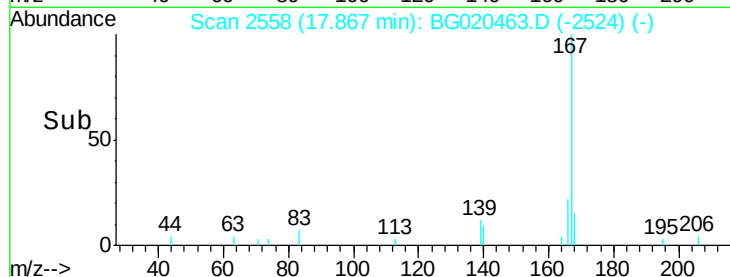
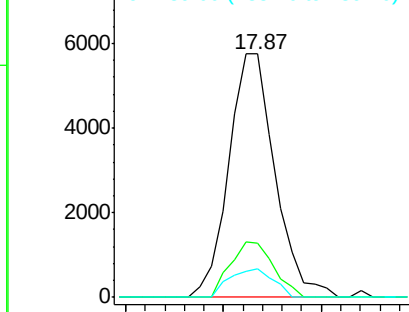
Tot Ion:	167	Resp:	9414
Ion Ratio	Lower	Upper	
167	100		
166	22.1	17.0	25.6
139	11.8	10.1	15.1

Manual Integrations
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Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#77

Fluoranthene

Concen: 18.72 ng/ul

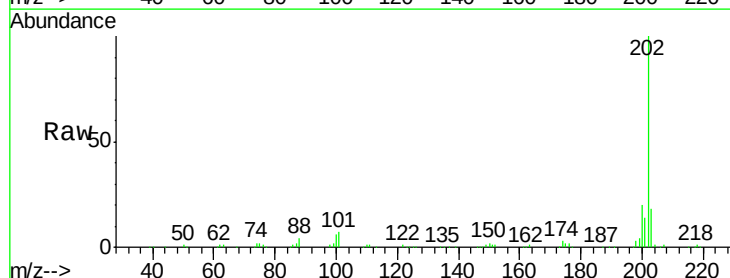
RT: 19.51 min Scan# 2837

Delta R.T. 0.00 min

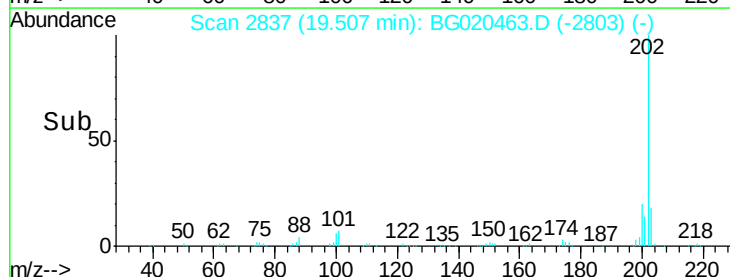
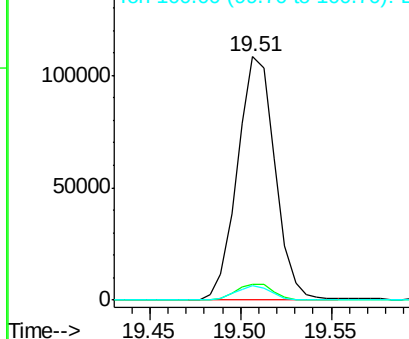
Lab File: BG020463.D

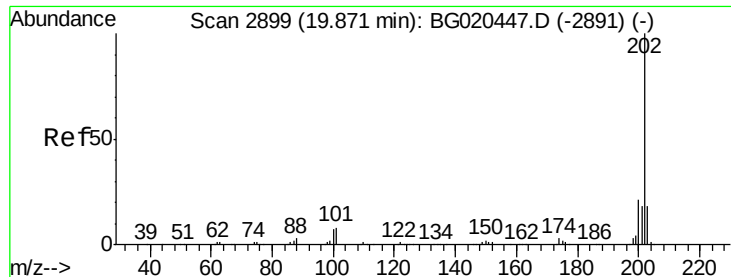
Acq: 24 Dec 2015 4:00

Tgt Ion:	202	Resp:	155897
Ion Ratio	Lower	Upper	
202	100		
101	6.7	6.2	9.4
100	6.0	5.1	7.7



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





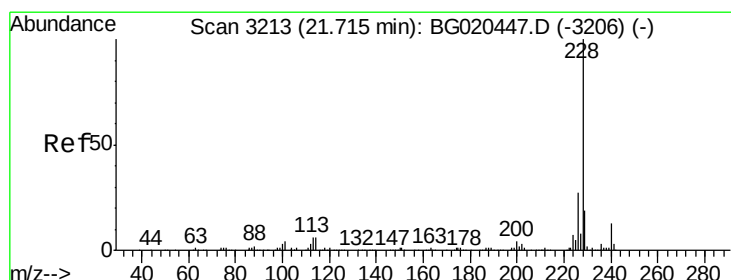
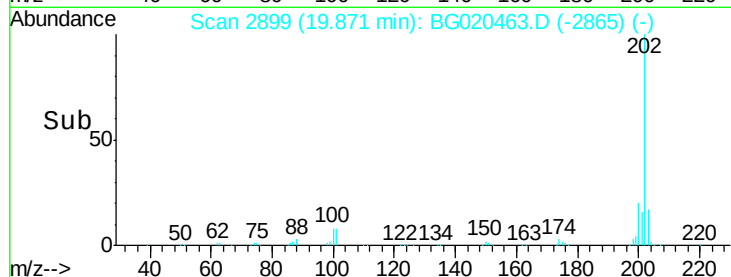
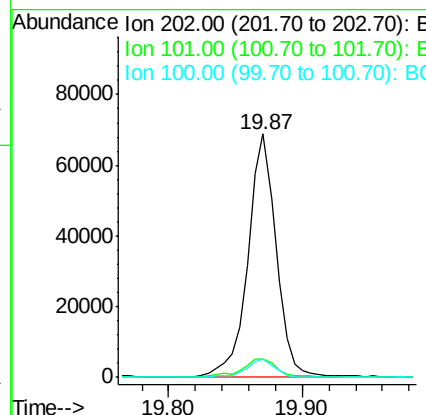
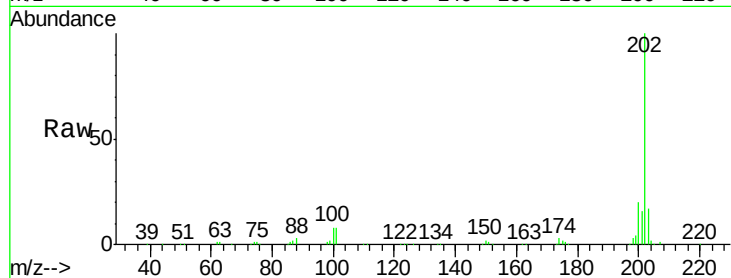
#80
Pvrene
Concen: 10.13 ng/ul
RT: 19.87 min Scan# 2899
Delta R.T. 0.00 min
Lab File: BG020463.D
Acq: 24 Dec 2015 4:00

Instrument :
BNA_G
ClientSampleId :
D9N54MEDL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	7.8	7.0	10.4
100	7.5	6.4	9.6

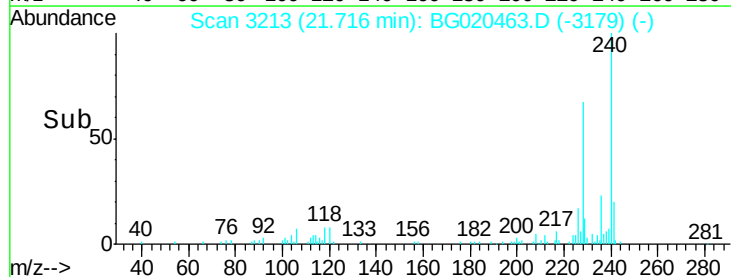
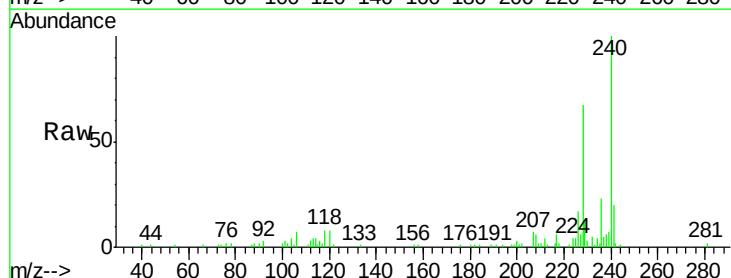
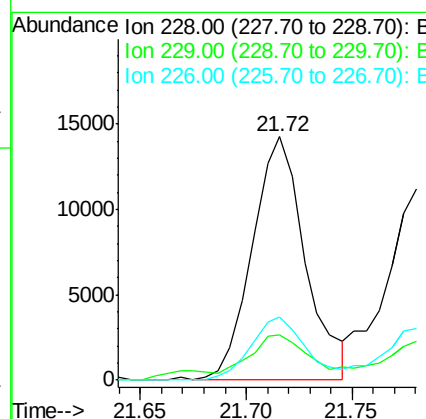
Manual Integrations
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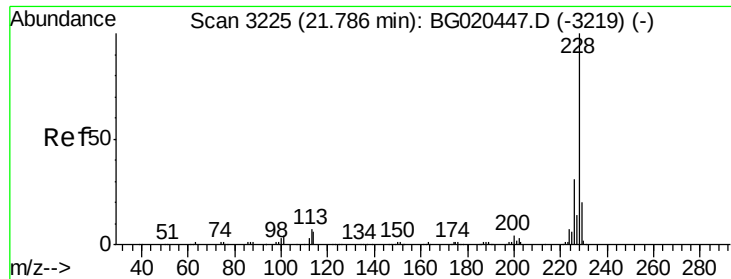
Sohil
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#83
Benzo(a)anthracene
Concen: 2.61 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. 0.00 min
Lab File: BG020463.D
Acq: 24 Dec 2015 4:00

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	18.3	15.8	23.8
226	25.8	21.8	32.6





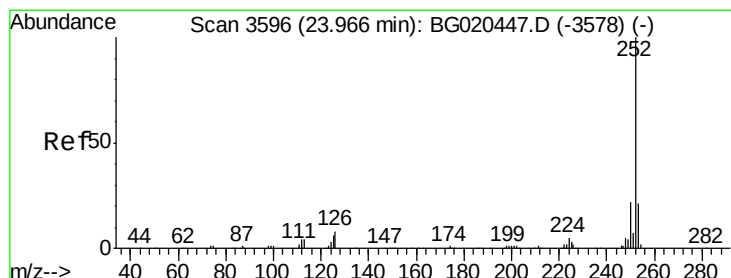
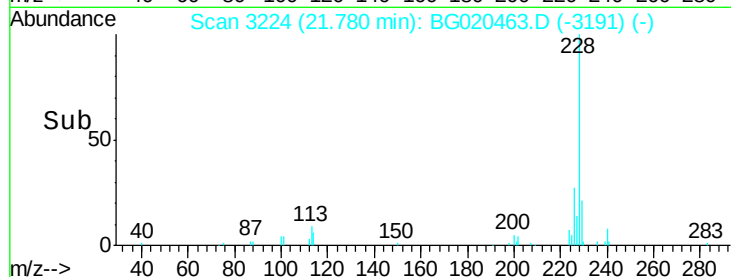
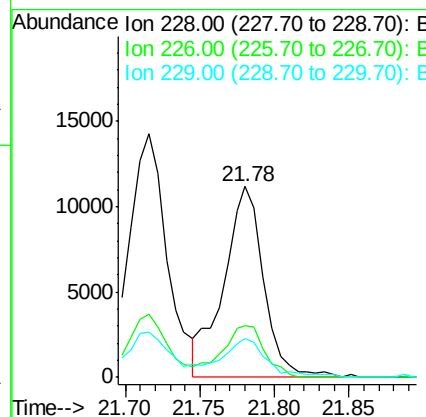
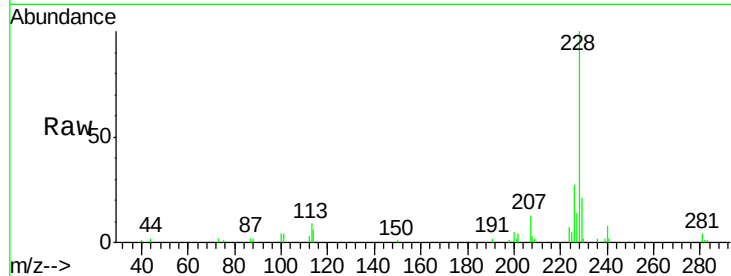
#85
Chrysene
Concen: 2.33 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BG020463.D
Acq: 24 Dec 2015 4:00

Instrument :
BNA_G
ClientSampleId :
D9N54MEDL

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.3	23.9	35.9
229	20.6	15.6	23.4

Manual Integrations
APPROVED

Sohil
12/24/2015 5:31:28 PM



#88
Benzo(b)fluoranthene
Concen: 1.27 ng/ul
RT: 23.97 min Scan# 3596
Delta R.T. 0.00 min
Lab File: BG020463.D
Acq: 24 Dec 2015 4:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	16.6	16.7	25.1#
125	6.3	6.2	9.2

