

Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
 Data File : BG020637.D
 Acq On : 31 Dec 2015 12:01
 Operator : UM/SJ
 Sample : G4802-13MEDL 10X
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9D88MEDL

Manual Integrations
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 12/31/2015 6:38:19 PM

Quant Time: Dec 31 16:08:02 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 31 03:43:50 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	14360	20.00	ng/ul	0.00
18) Naphthalene-d8	10.87	136	65701	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.69	164	50101	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	124580	20.00	ng/ul	0.00
78) Chrysene-d12	21.72	240	146649	20.00	ng/ul	0.00
86) Perylene-d12	24.97	264	143419	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	7.22	99	2142	1.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	1425	1.94	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	1902	2.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	1754	1.69	ng/ul	0.00
19) Nitrobenzene-d5	9.24	128	844	1.66	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	1238	2.10	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	2305	2.06	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	2659	2.00	ng/ul	0.02
44) Dimethylphthalate-d6	14.09	166	11321	2.76	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	12933	2.78	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	302	0.47	ng/ul	0.01
58) Fluorene-d10	15.69	176	10761	2.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	709	0.94	ng/ul	0.01
71) Anthracene-d10	17.54	188	19012m	3.28	ng/ul	0.00
79) Pyrene-d10	19.82	212	20614	3.13	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	21512	3.01	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.93	128	163676	47.04	ng/ul	99
34) 2-Methylnaphthalene	12.53	142	95874	36.83	ng/ul	95
41) 1,1'-Biphenyl	13.53	154	10780	2.86	ng/ul#	96
48) Acenaphthylene	14.42	152	7288	1.47	ng/ul#	72
50) Acenaphthene	14.76	153	49358	14.70	ng/ul	97
54) Dibenzofuran	15.09	168	6637	1.31	ng/ul	96
59) Fluorene	15.74	166	37983	9.31	ng/ul	95
70) Phenanthrene	17.48	178	213726	31.56	ng/ul	98
72) Anthracene	17.57	178	51850	7.49	ng/ul	95
77) Fluoranthene	19.49	202	65681	7.94	ng/ul	98
80) Pyrene	19.85	202	109110	12.85	ng/ul	100
83) Benzo(a)anthracene	21.69	228	34911	4.07	ng/ul	97
85) Chrysene	21.76	228	32945	4.08	ng/ul	98
88) Benzo(b)fluoranthene	23.94	252	16958	1.99	ng/ul#	97
91) Benzo(a)pyrene	24.81	252	21519	2.63	ng/ul#	95

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

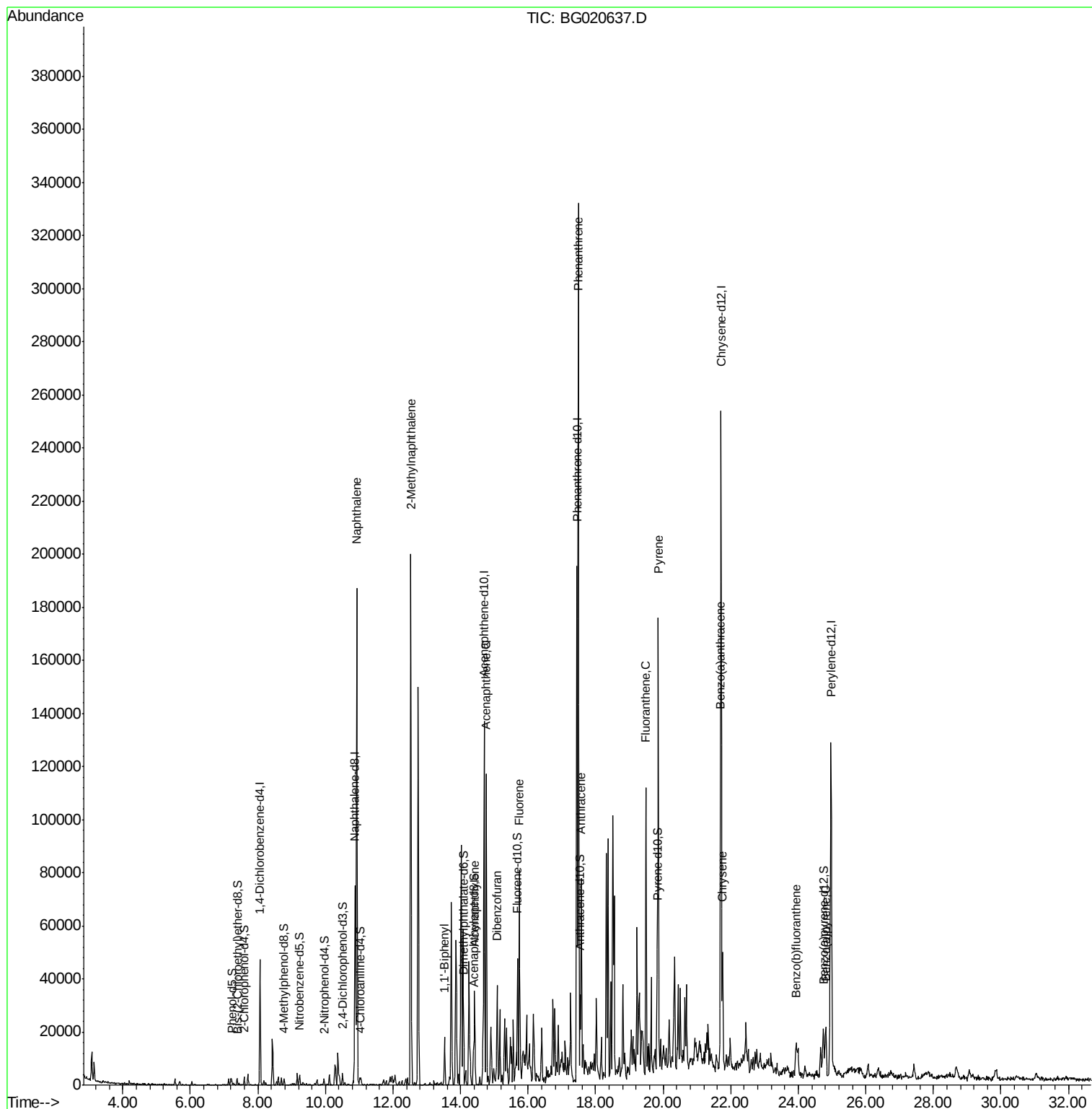
Data Path : Z:\HPCHEM1\BNA G\DATA\BG123015\
Data File : BG020637.D
Acq On : 31 Dec 2015 12:01
Operator : UM/SJ
Sample : G4802-13MEDL 10X
Misc :
ALS Vial : 53 Sample Multiplier: 1

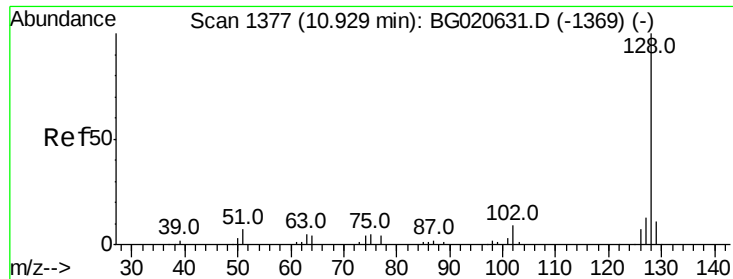
Instrument :
BNA_G
ClientSampleId :
G9D88MEDL

Manual Integrations
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12/31/2015 6:38:19 PM

Quant Time: Dec 31 16:08:02 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG123015.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 31 03:43:50 2015
Response via : Initial Calibration





#28

Naphthalene

Concen: 47.04 ng/ul

RT: 10.93 min Scan# 1377

Delta R.T. -0.00 min

Lab File: BG020637.D

Acq: 31 Dec 2015 12:01

Instrument :

BNA_G

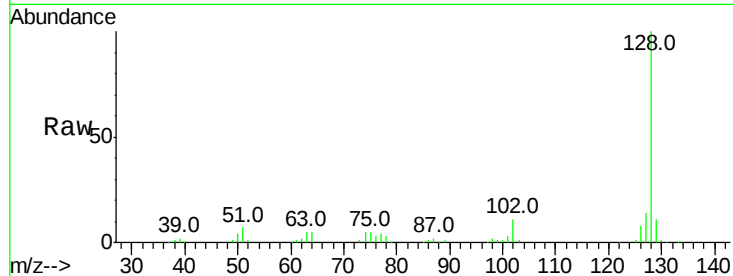
ClientSampleId :

G9D88MEDL

Tot Ion:	128	Resp:	163676
Ion Ratio	Lower	Upper	
128	100		
129	10.9	8.3	12.5
127	14.0	10.8	16.2

Manual Integrations
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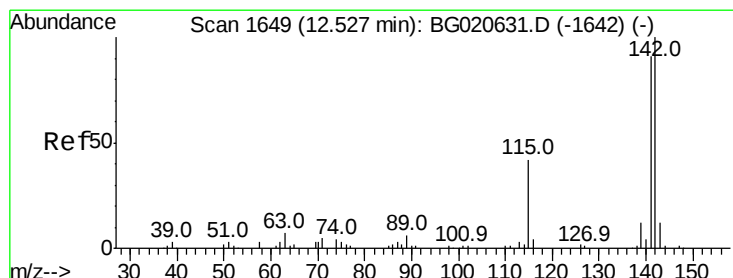
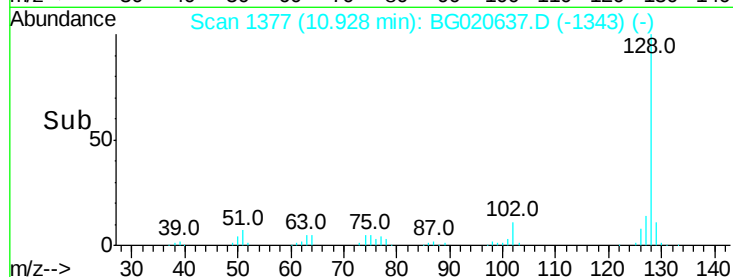
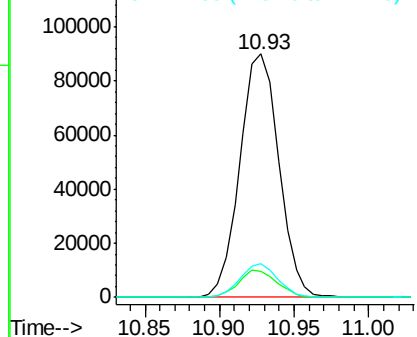
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Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#34

2-Methylnaphthalene

Concen: 36.83 ng/ul

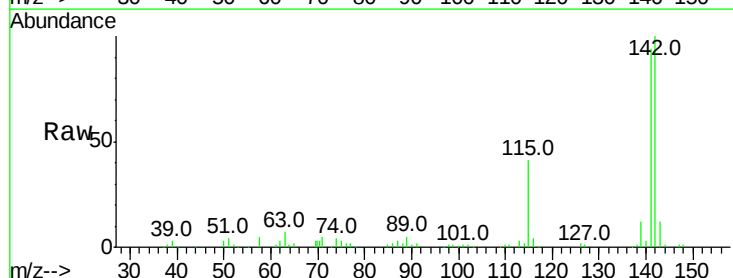
RT: 12.53 min Scan# 1649

Delta R.T. -0.00 min

Lab File: BG020637.D

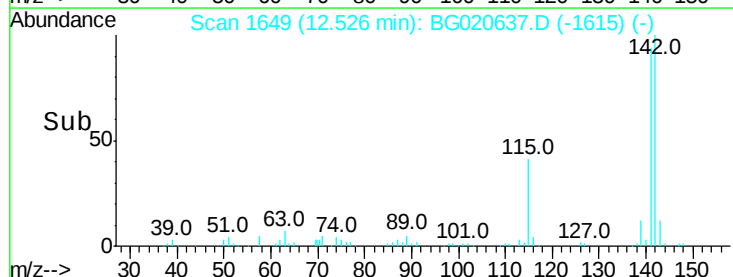
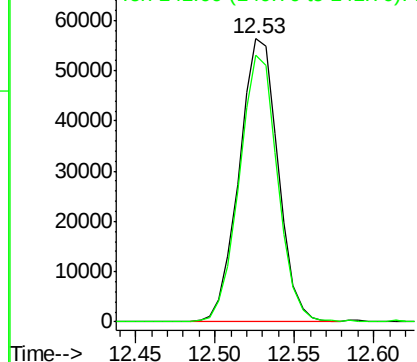
Acq: 31 Dec 2015 12:01

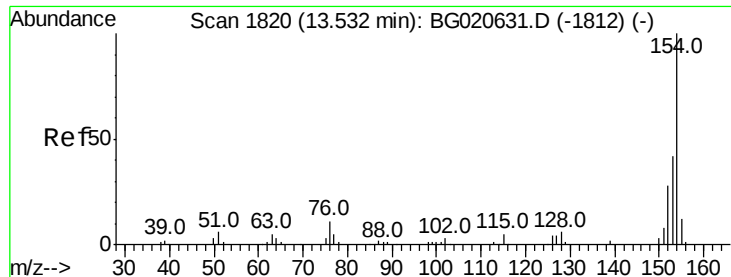
Tgt Ion:	142	Resp:	95874
Ion Ratio	Lower	Upper	
142	100		
141	94.2	71.4	107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





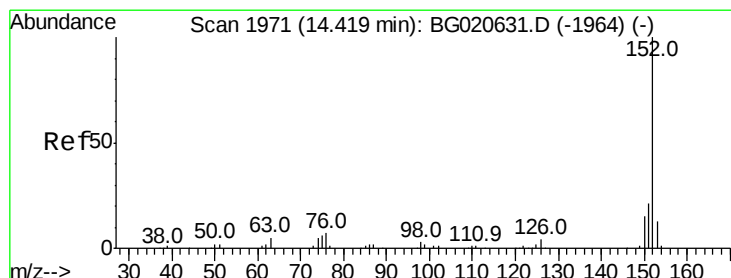
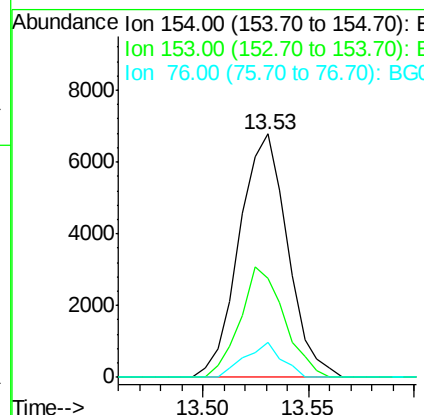
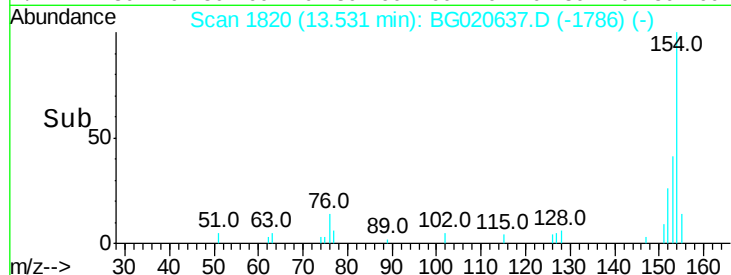
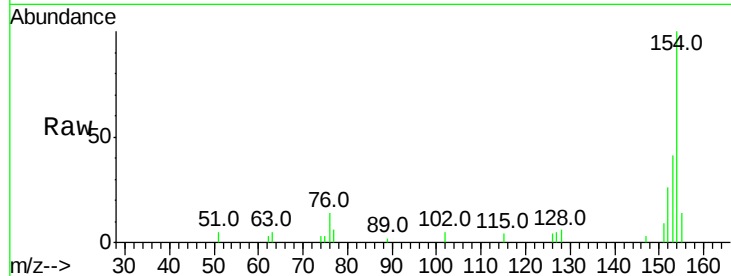
#41
 1,1'-Biphenyl
 Concen: 2.86 ng/ul
 RT: 13.53 min Scan# 1820
 Delta R.T. -0.00 min
 Lab File: BG020637.D
 Acq: 31 Dec 2015 12:01

Instrument :
 BNA_G
 ClientSampleId :
 G9D88MEDL

Tot Ion:	154	Resp:	10780
Ion Ratio	Lower	Upper	
154	100		
153	40.9	34.0	51.0
76	14.4	8.4	12.6#

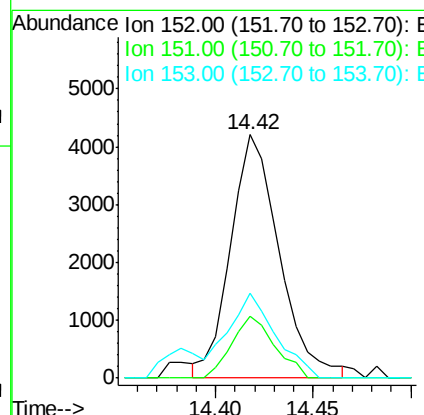
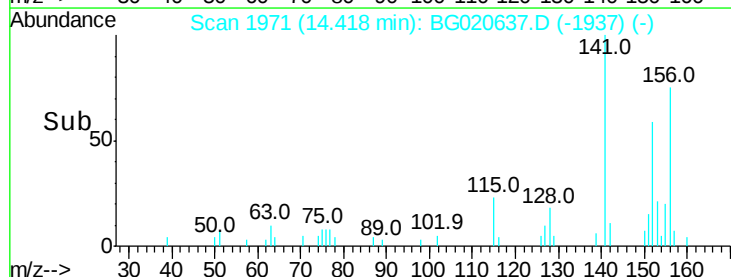
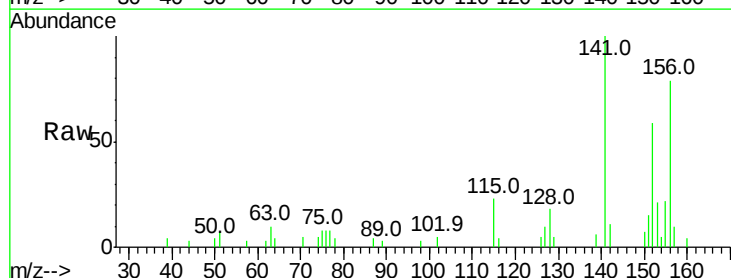
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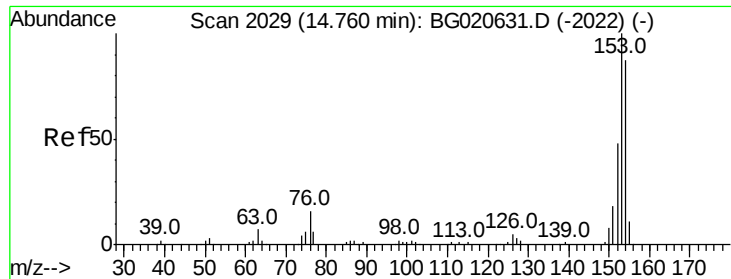
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#48
 Acenaphthylene
 Concen: 1.47 ng/ul
 RT: 14.42 min Scan# 1971
 Delta R.T. -0.00 min
 Lab File: BG020637.D
 Acq: 31 Dec 2015 12:01

Tgt Ion:	152	Resp:	7288
Ion Ratio	Lower	Upper	
152	100		
151	25.3	16.1	24.1#
153	35.1	10.8	16.2#





#50

Acenaphthene

Concen: 14.70 ng/ul

RT: 14.76 min Scan# 2029

Delta R.T. -0.00 min

Lab File: BG020637.D

Acq: 31 Dec 2015 12:01

Instrument :

BNA_G

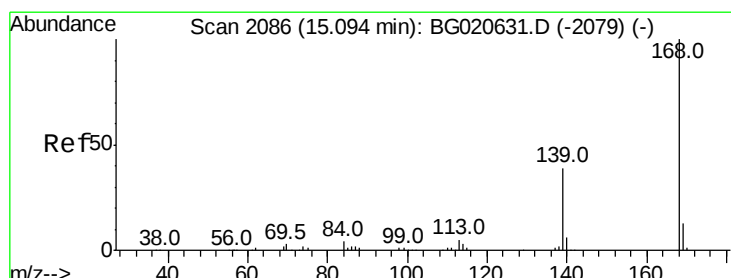
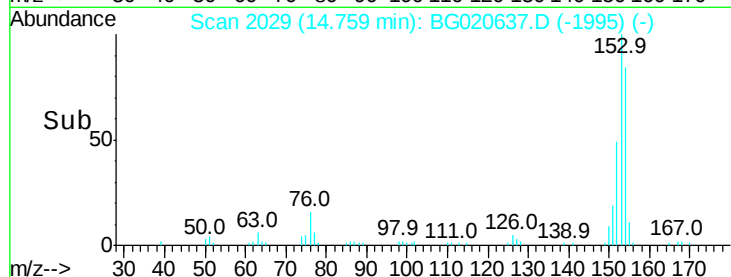
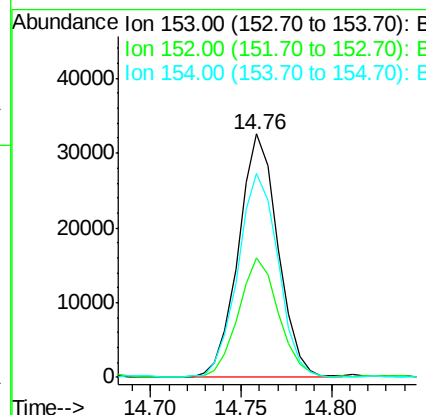
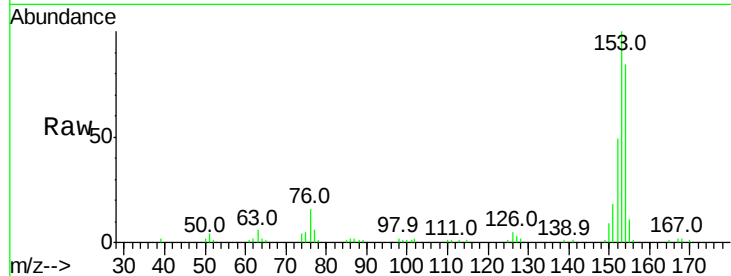
ClientSampleId :

G9D88MEDL

Tot Ion:	153	Resp:	49358
Ion Ratio	Lower	Upper	
153	100		
152	48.9	37.9	56.9
154	83.5	69.8	104.6

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#54

Dibenzofuran

Concen: 1.31 ng/ul

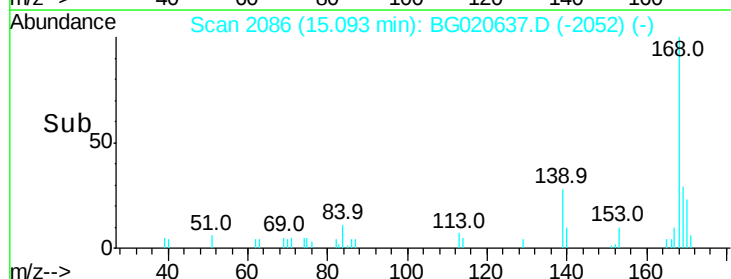
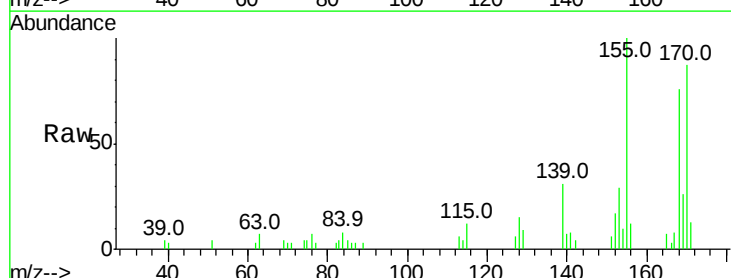
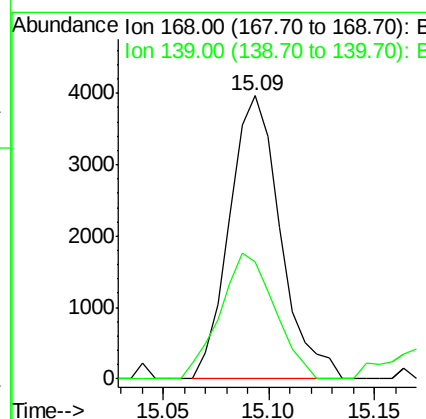
RT: 15.09 min Scan# 2086

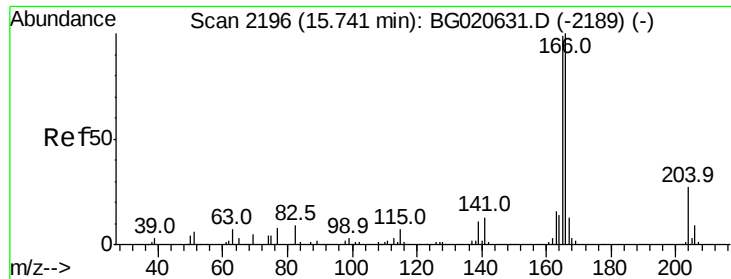
Delta R.T. -0.00 min

Lab File: BG020637.D

Acq: 31 Dec 2015 12:01

Tgt Ion:	168	Resp:	6637
Ion Ratio	Lower	Upper	
168	100		
139	41.4	31.0	46.4





#59

Fluorene

Concen: 9.31 ng/ul

RT: 15.74 min Scan# 2196

Delta R.T. -0.00 min

Lab File: BG020637.D

Acq: 31 Dec 2015 12:01

Instrument :

BNA_G

ClientSampleId :

G9D88MEDL

Tot Ion:166 Resp: 37983

Ion Ratio Lower Upper

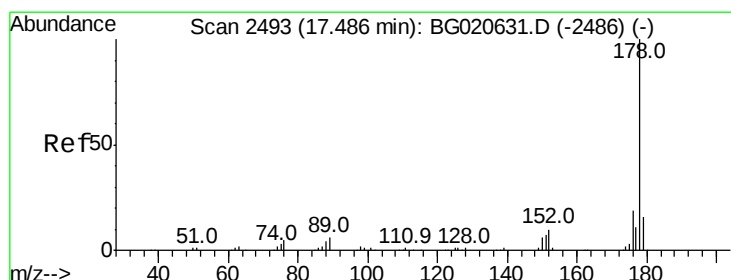
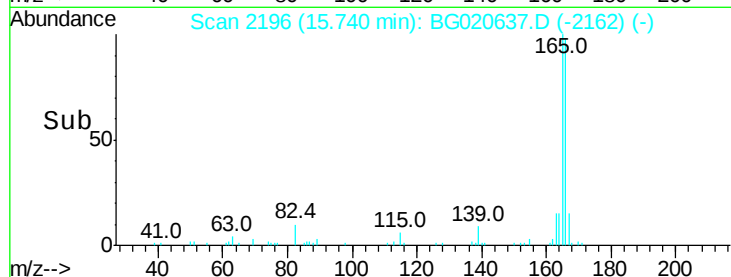
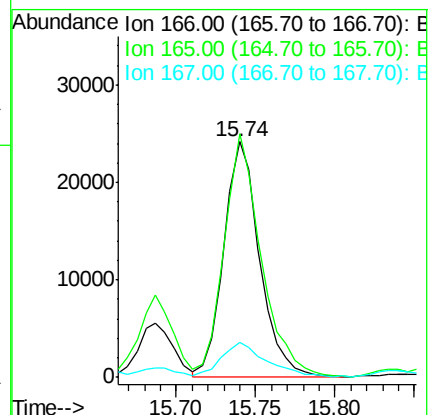
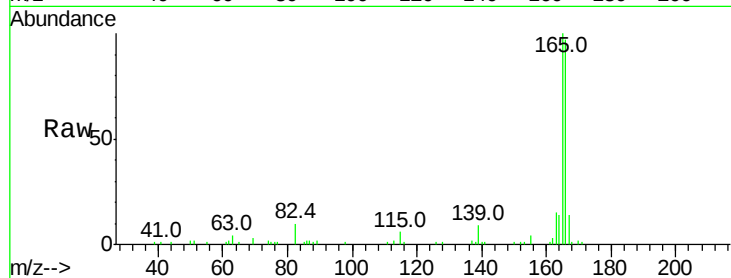
166 100

165 103.4 78.4 117.6

167 14.9 11.1 16.7

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#70

Phenanthrene

Concen: 31.56 ng/ul

RT: 17.48 min Scan# 2493

Delta R.T. -0.00 min

Lab File: BG020637.D

Acq: 31 Dec 2015 12:01

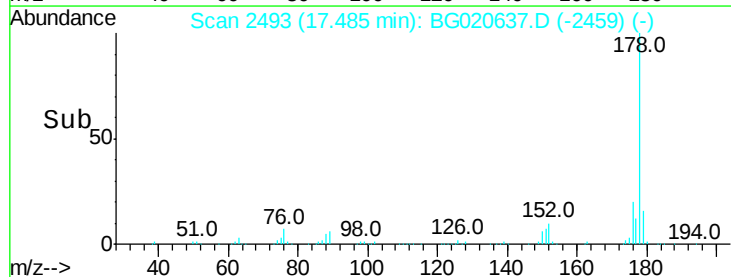
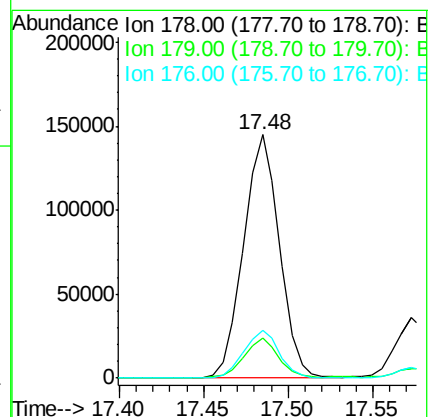
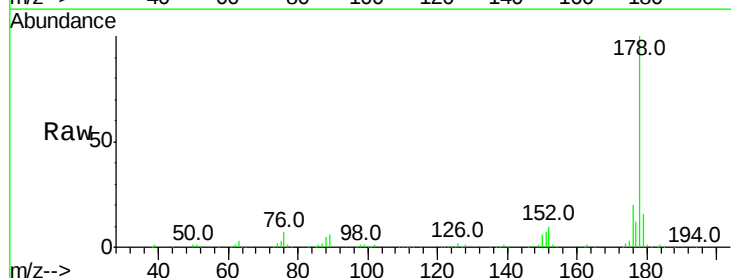
Tgt Ion:178 Resp: 213726

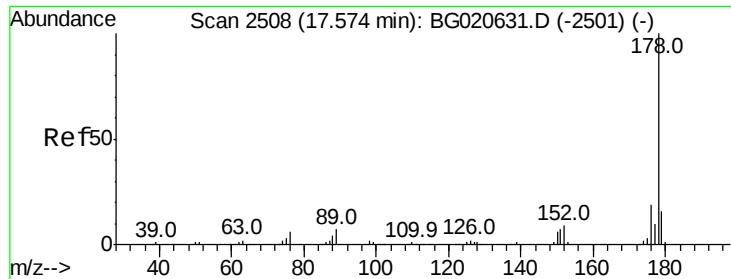
Ion Ratio Lower Upper

178 100

179 16.3 12.3 18.5

176 19.8 15.4 23.0





#72

Anthracene

Concen: 7.49 ng/ul

RT: 17.57 min Scan# 2508

Delta R.T. -0.00 min

Lab File: BG020637.D

Acq: 31 Dec 2015 12:01

Instrument :

BNA_G

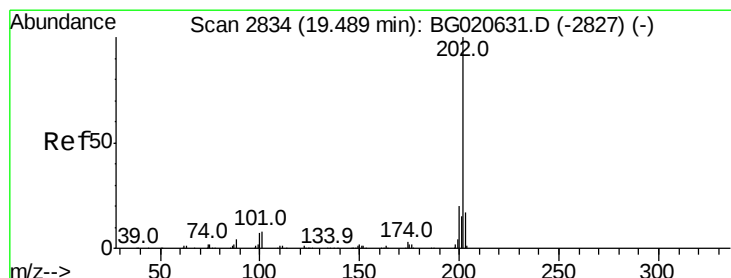
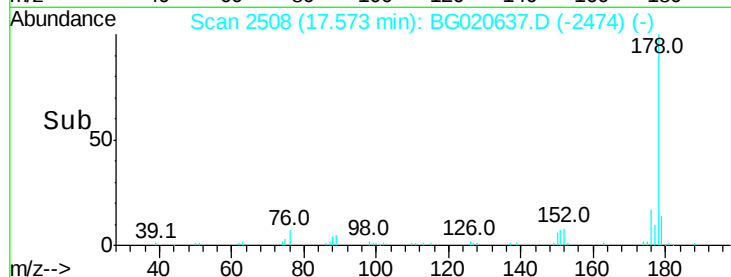
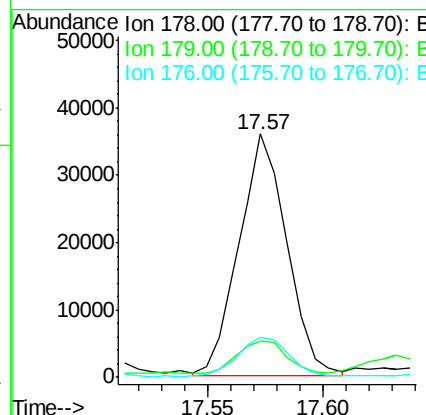
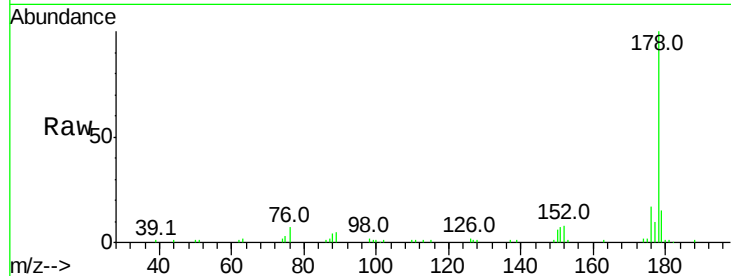
ClientSampleId :

G9D88MEDL

Tot Ion:178	Resp:	51850
Ion Ratio	Lower	Upper
178 100		
179 15.0	13.4	20.2
176 16.6	15.4	23.0

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#77

Fluoranthene

Concen: 7.94 ng/ul

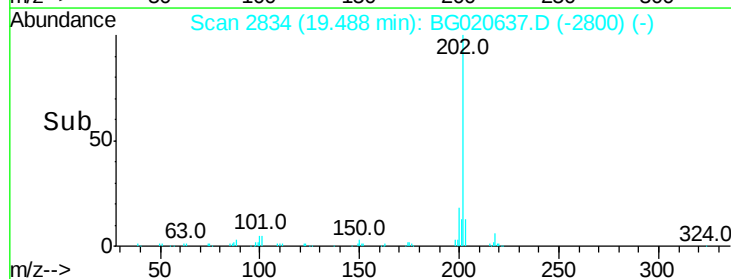
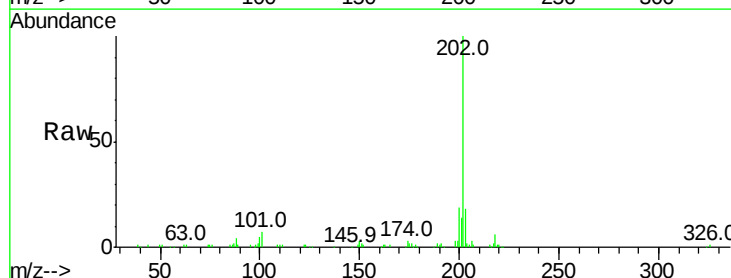
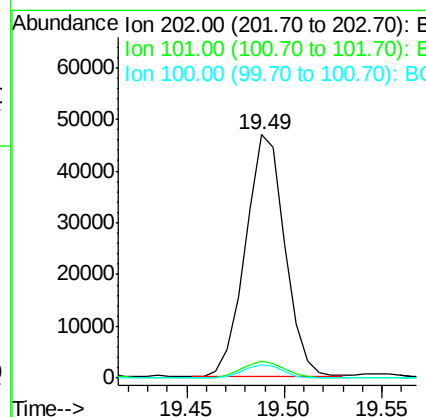
RT: 19.49 min Scan# 2834

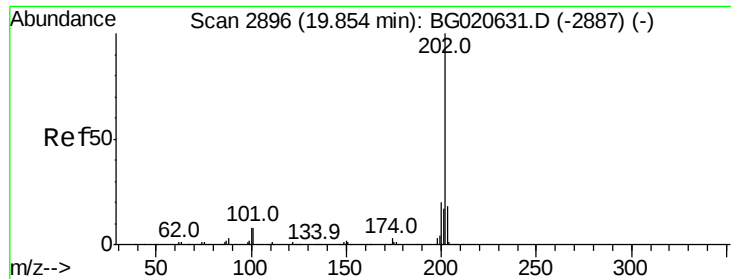
Delta R.T. -0.00 min

Lab File: BG020637.D

Acq: 31 Dec 2015 12:01

Tgt Ion:202	Resp:	65681
Ion Ratio	Lower	Upper
202 100		
101 7.0	6.1	9.1
100 5.3	4.6	7.0





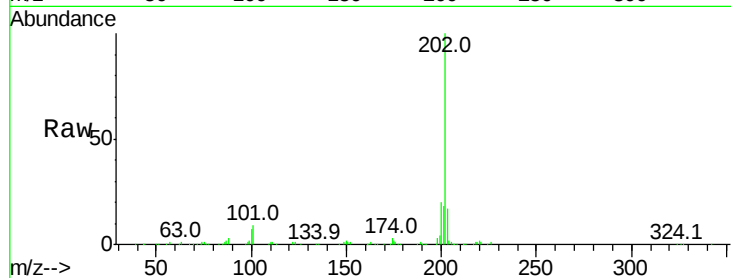
#80
Pvrene
Concen: 12.85 ng/ul
RT: 19.85 min Scan# 2896
Delta R.T. -0.00 min
Lab File: BG020637.D
Acq: 31 Dec 2015 12:01

Instrument :
BNA_G
ClientSampleId :
G9D88MEDL

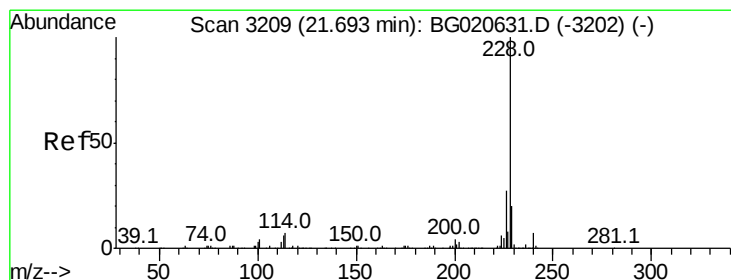
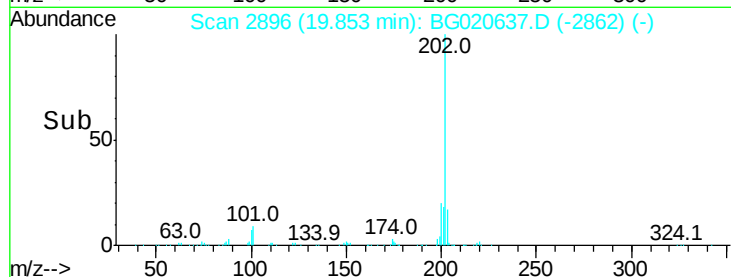
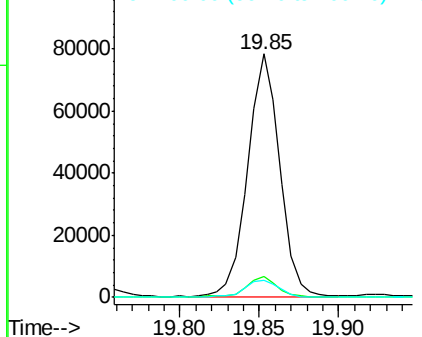
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.5	6.9	10.3
100	6.8	5.6	8.4

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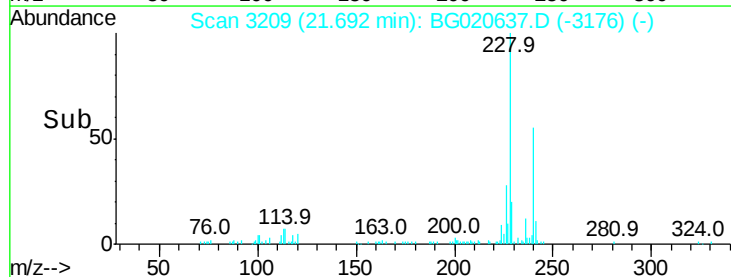
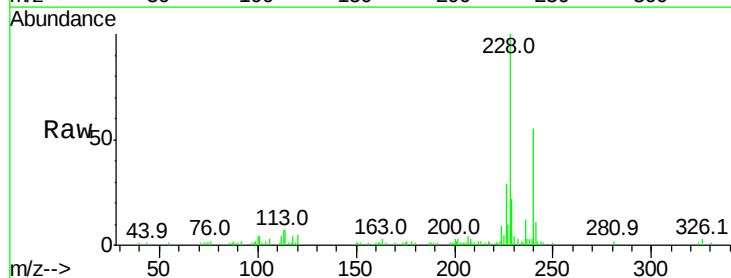
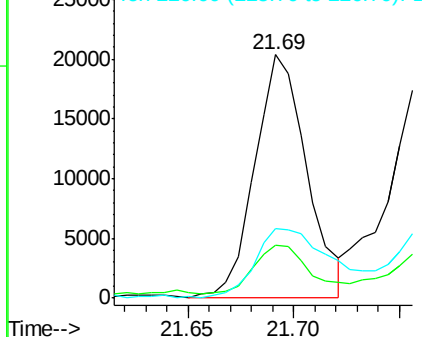
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

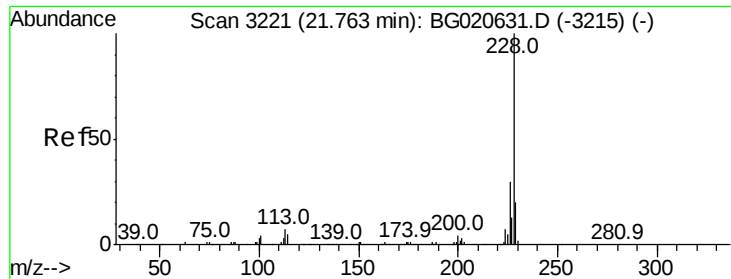


#83
Benzo(a)anthracene
Concen: 4.07 ng/ul
RT: 21.69 min Scan# 3209
Delta R.T. -0.01 min
Lab File: BG020637.D
Acq: 31 Dec 2015 12:01

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	21.8	16.0	24.0
226	28.6	21.8	32.8

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





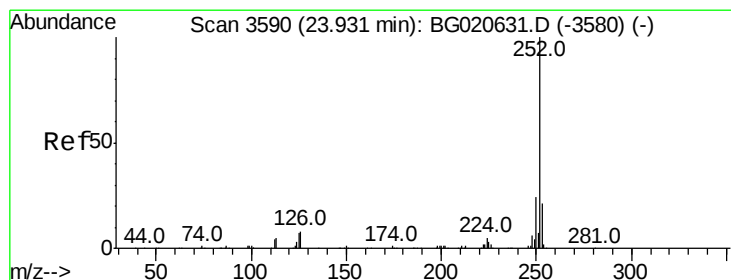
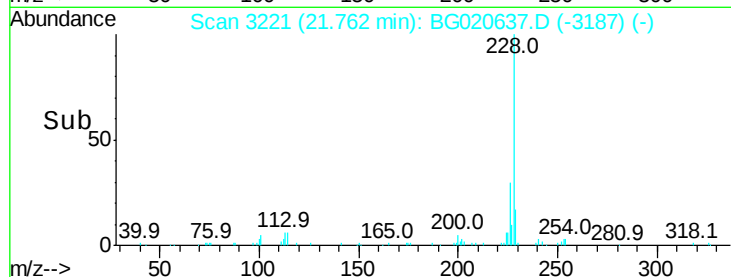
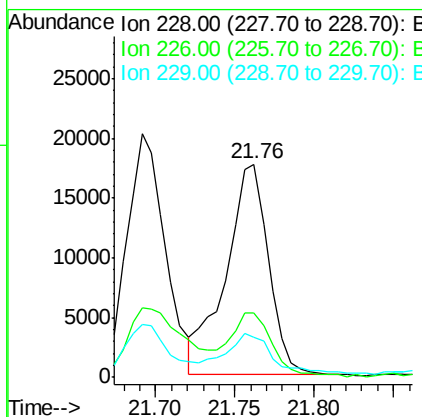
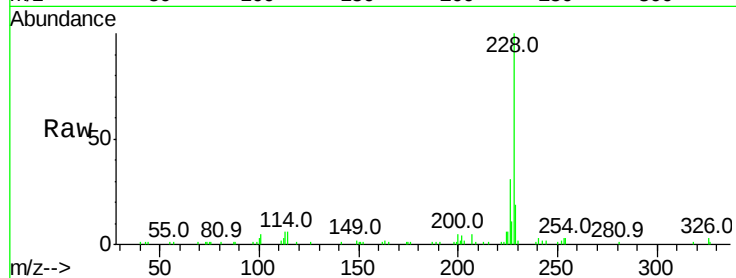
#85
Chrysene
Concen: 4.08 ng/ul
RT: 21.76 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BG020637.D
Acq: 31 Dec 2015 12:01

Instrument :
BNA_G
ClientSampled :
G9D88MEDL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	18.7	16.0	24.0

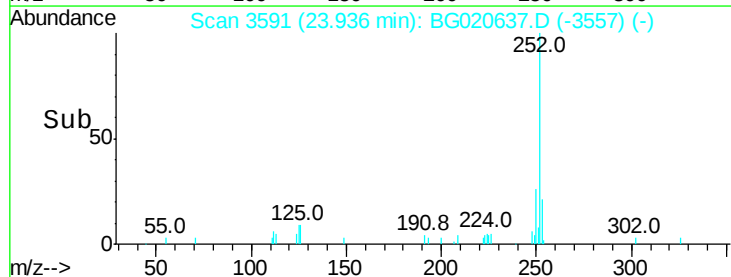
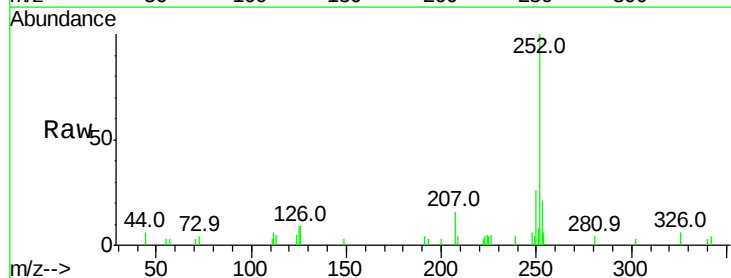
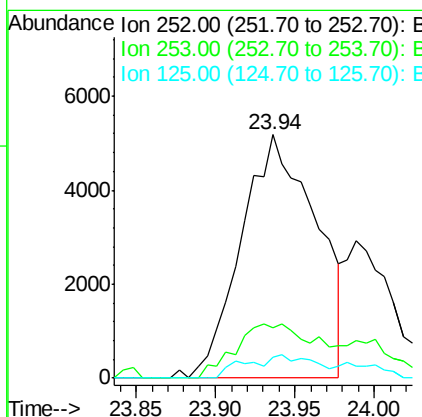
Manual Integrations
APPROVED

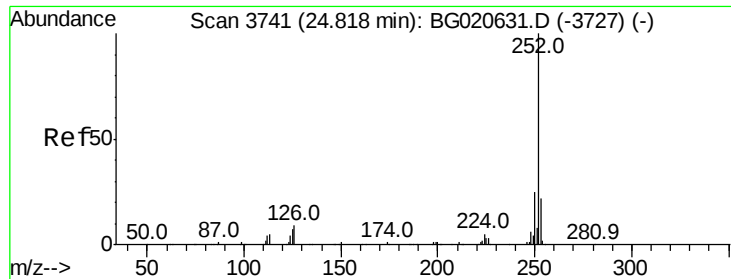
Sohil
12/31/2015 6:38:19 PM



#88
Benzo(b)fluoranthene
Concen: 1.99 ng/ul
RT: 23.94 min Scan# 3591
Delta R.T. -0.00 min
Lab File: BG020637.D
Acq: 31 Dec 2015 12:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.7	17.4	26.0
125	8.8	4.9	7.3#





#91
 Benzo(a)pyrene
 Concen: 2.63 ng/ul
 RT: 24.81 min Scan# 3740
 Delta R.T. -0.01 min
 Lab File: BG020637.D
 Acq: 31 Dec 2015 12:01

Instrument :
 BNA_G
 ClientSampleId :
 G9D88MEDL

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.2	25.8
125	9.2	5.8	8.6

Manual Integrations
 APPROVED

Sohil
 12/31/2015 6:38:19 PM

