

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020449.D
 Acq On : 23 Dec 2015 18:48
 Operator : UM/SJ
 Sample : G4848-04DL 30X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N50DL

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:32:11 PM

Quant Time: Dec 24 03:05:28 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	20100	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	85248	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	63530	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	161487	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	200980	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	192337	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	7.24	99	829	0.47	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	572	0.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	827	0.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	706	0.47	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	369	0.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.97	143	370	0.50	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	883	0.59	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	1156	0.69	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	5130	1.00	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	5448	0.91	ng/ul	0.00
52) 4-Nitrophenol-d4	14.95	143	130	0.14	ng/ul	0.03
58) Fluorene-d10	15.71	176	4736	1.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	65	0.07	ng/ul	0.00
71) Anthracene-d10	17.56	188	7602m	1.02	ng/ul	0.00
79) Pyrene-d10	19.84	212	8694	0.93	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	9177	0.96	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.95	128	531737	119.44	ng/ul	97
34) 2-Methylnaphthalene	12.55	142	163234	48.00	ng/ul	98
41) 1,1'-Biphenyl	13.55	154	64363	13.43	ng/ul	95
48) Acenaphthylene	14.44	152	19046	3.00	ng/ul#	93
50) Acenaphthene	14.78	153	298323	69.81	ng/ul	98
54) Dibenzofuran	15.11	168	311383	48.98	ng/ul	100
59) Fluorene	15.76	166	302413	59.24	ng/ul	99
70) Phenanthrene	17.52	178	1318123	149.23	ng/ul	94
72) Anthracene	17.60	178	99286	11.08	ng/ul	99
75) Carbazole	17.86	167	65590	8.71	ng/ul	100
77) Fluoranthene	19.51	202	833041	80.70	ng/ul	99
80) Pyrene	19.87	202	556272	45.73	ng/ul	99
83) Benzo(a)anthracene	21.72	228	142877	12.18	ng/ul	99
85) Chrysene	21.78	228	114151	10.34	ng/ul	96
88) Benzo(b)fluoranthene	23.96	252	61605	5.32	ng/ul	98
89) Benzo(k)fluoranthene	24.02	252	26616m	2.40	ng/ul	
91) Benzo(a)pyrene	24.84	252	35288	3.22	ng/ul#	94

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

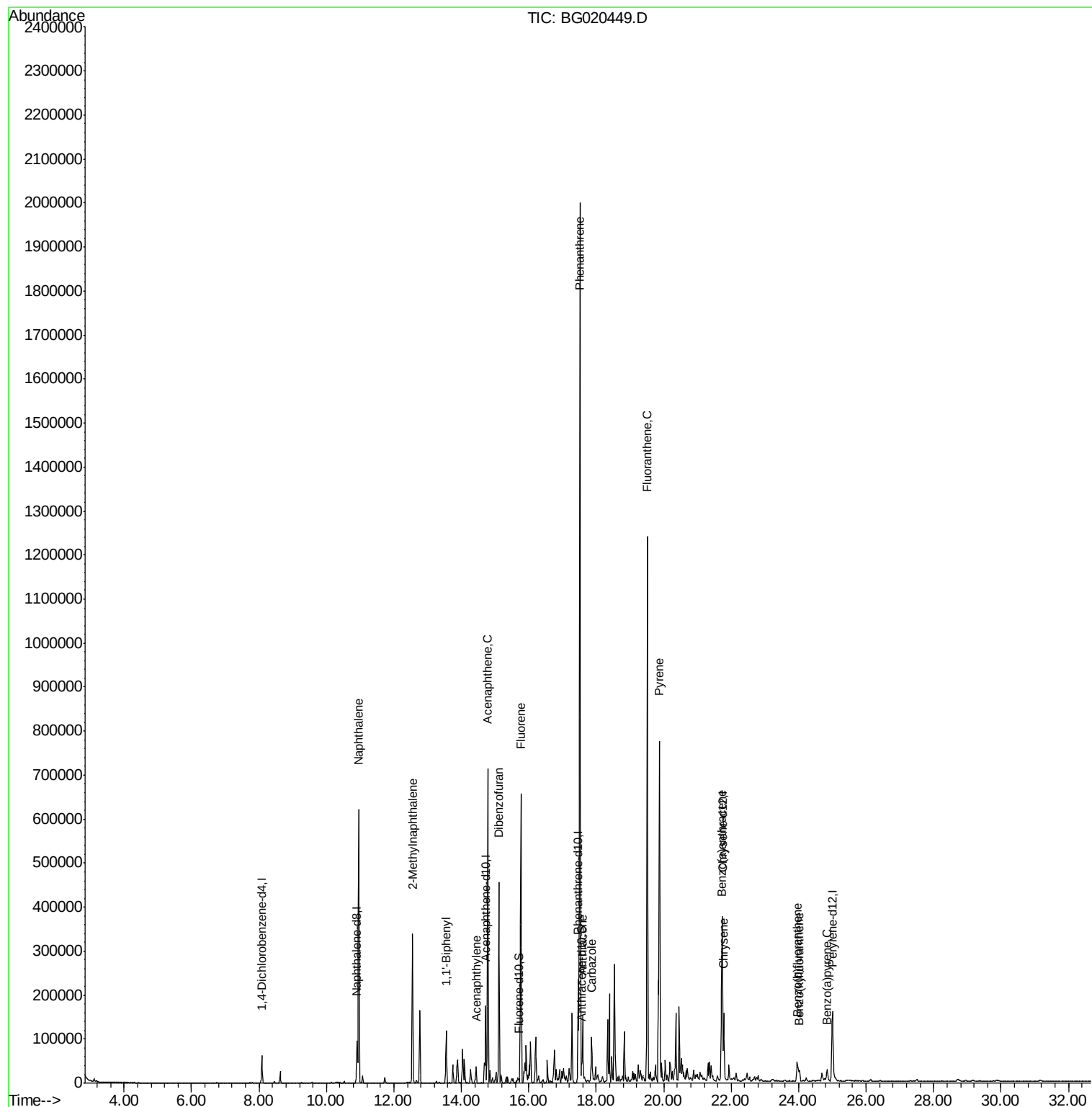
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020449.D
Acq On : 23 Dec 2015 18:48
Operator : UM/SJ
Sample : G4848-04DL 30X
Misc :
ALS Vial : 39 Sample Multiplier: 1

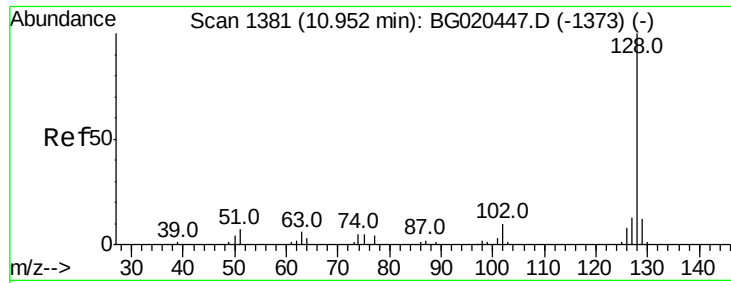
Instrument :
BNA_G
ClientSampleId :
D9N50DL

Manual Integrations
APPROVED

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Quant Title : SVOA CALIBRATION
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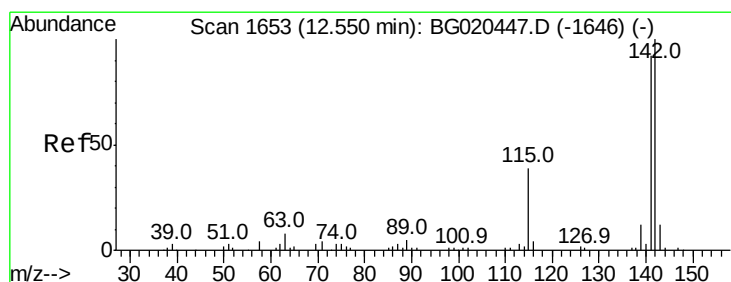
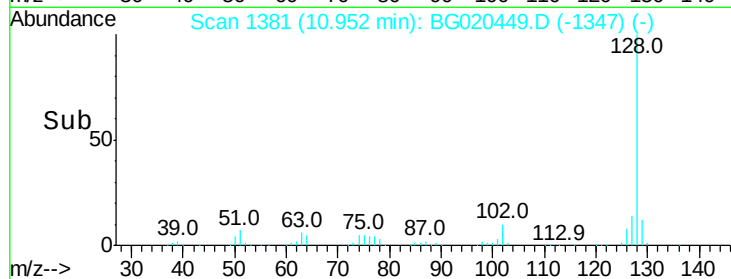
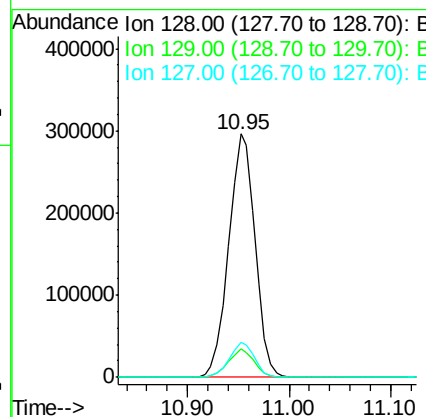
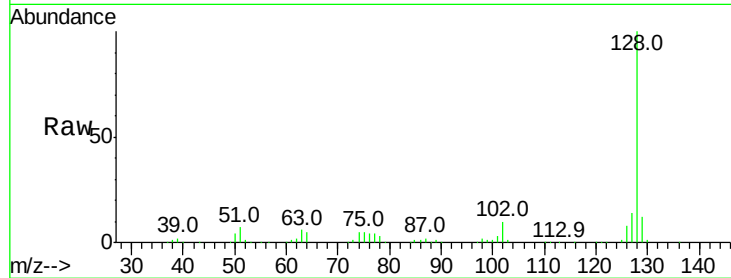
#28
Naphthalene
Concen: 119.44 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG020449.D
Acq: 23 Dec 2015 18:48

Instrument :
BNA_G
ClientSampleId :
D9N50DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	12.8
127	14.3	10.1	15.1

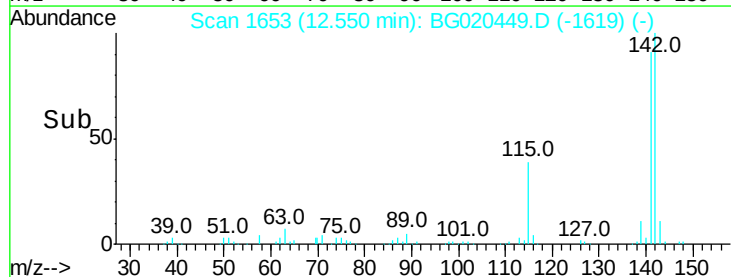
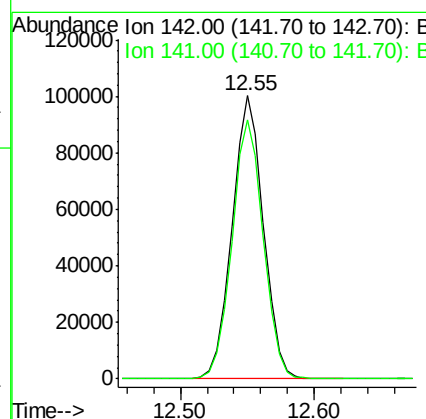
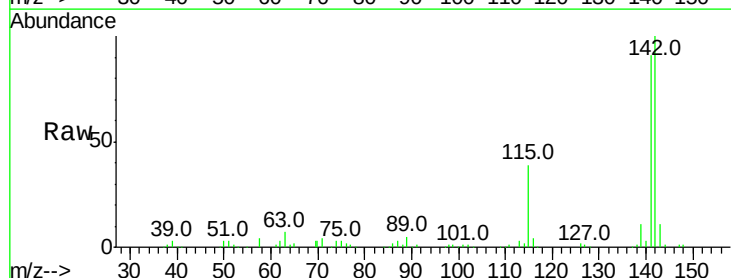
Manual Integrations
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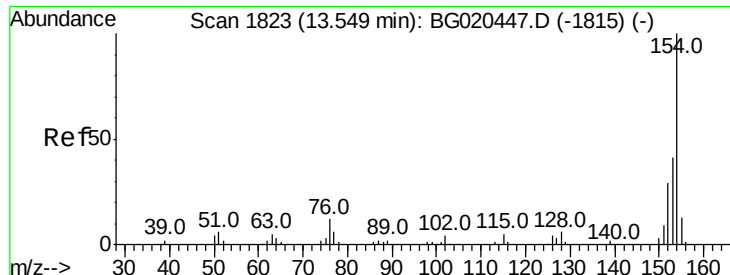
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#34
2-Methylnaphthalene
Concen: 48.00 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG020449.D
Acq: 23 Dec 2015 18:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.9	112.3





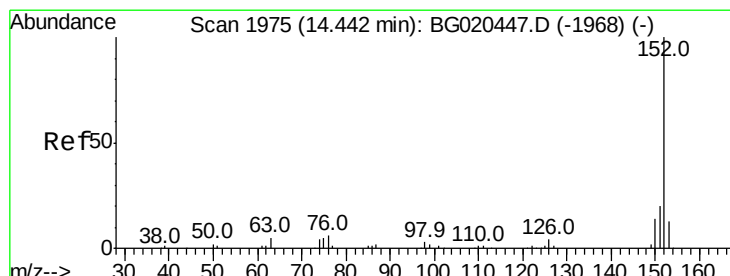
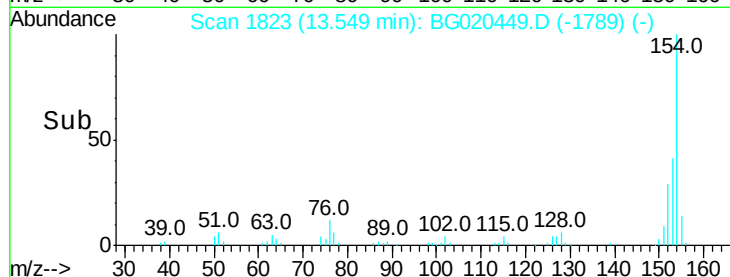
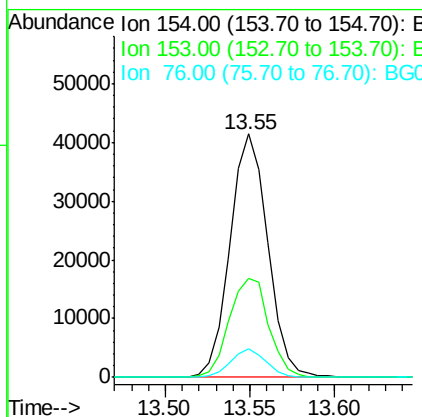
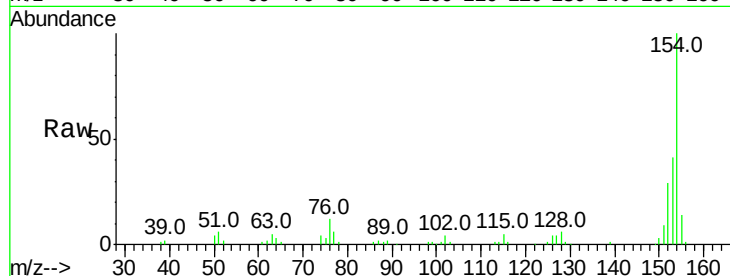
#41
 1,1'-Biphenyl
 Concen: 13.43 ng/ul
 RT: 13.55 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BG020449.D
 Acq: 23 Dec 2015 18:48

Instrument :
 BNA_G
 ClientSampleId :
 D9N50DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.7	35.5	53.3
76	11.7	10.4	15.6

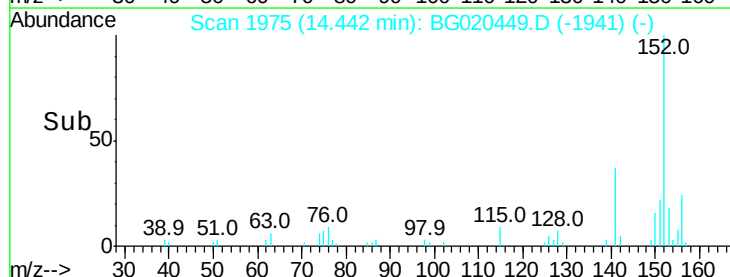
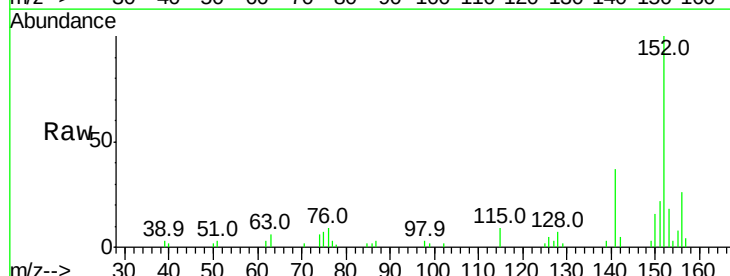
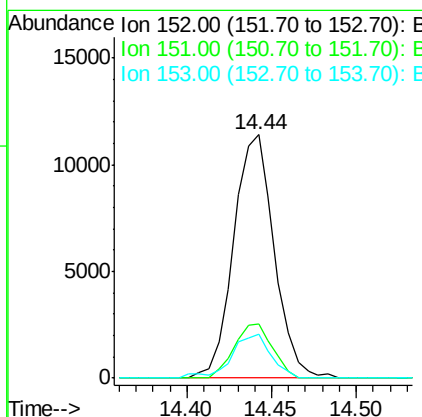
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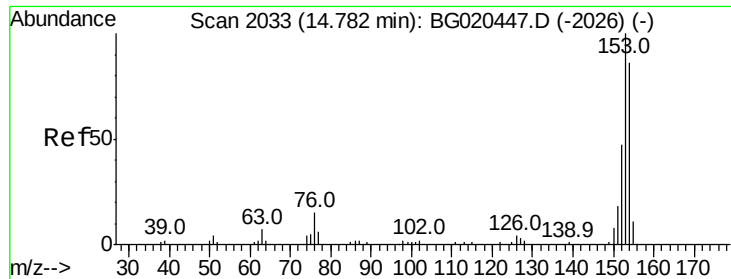
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#48
 Acenaphthylene
 Concen: 3.00 ng/ul
 RT: 14.44 min Scan# 1975
 Delta R.T. 0.00 min
 Lab File: BG020449.D
 Acq: 23 Dec 2015 18:48

Tgt Ion	Ratio	Lower	Upper
152	100		
151	22.4	16.4	24.6
153	18.0	10.4	15.6#





#50

Acenaphthene

Concen: 69.81 ng/ul

RT: 14.78 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG020449.D

Acq: 23 Dec 2015 18:48

Instrument :

BNA_G

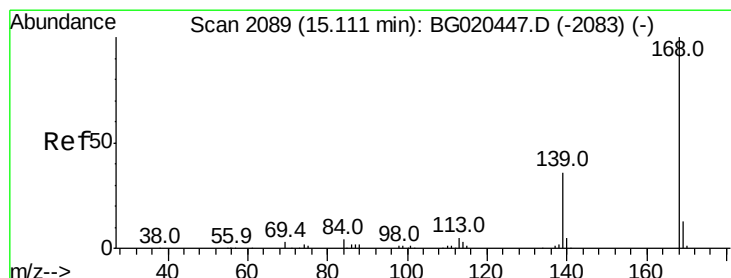
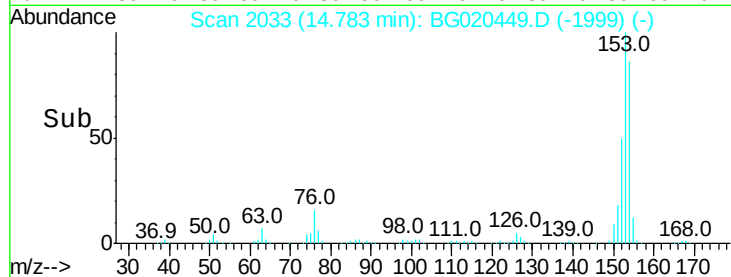
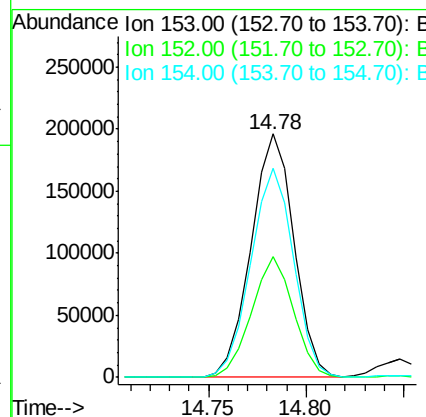
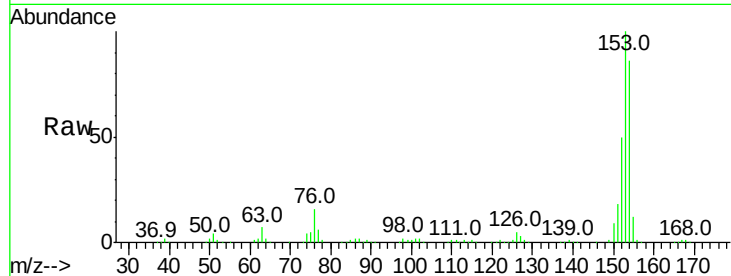
ClientSampleId :

D9N50DL

Tot Ion:	153	Resp:	298323
Ion Ratio	Lower	Upper	
153	100		
152	49.7	37.6	56.4
154	85.9	67.9	101.9

Manual Integrations
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#54

Dibenzofuran

Concen: 48.98 ng/ul

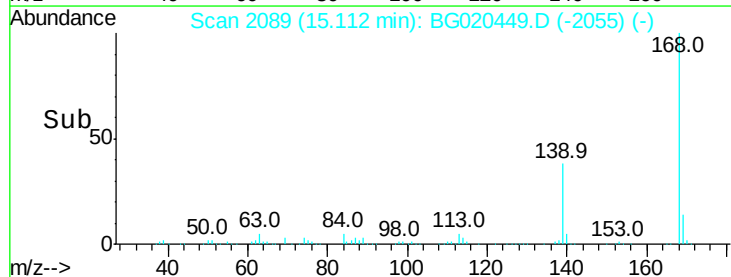
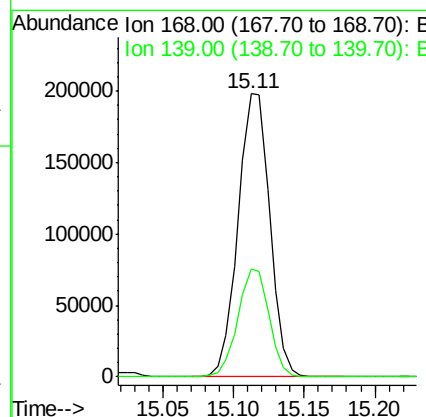
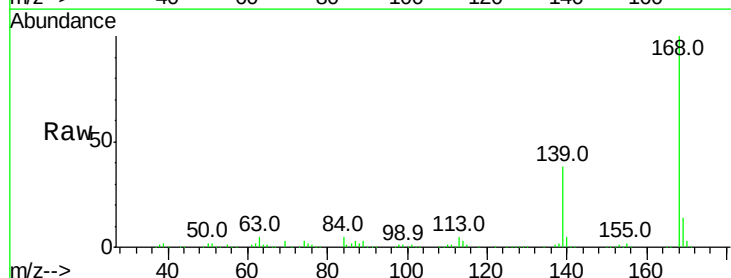
RT: 15.11 min Scan# 2089

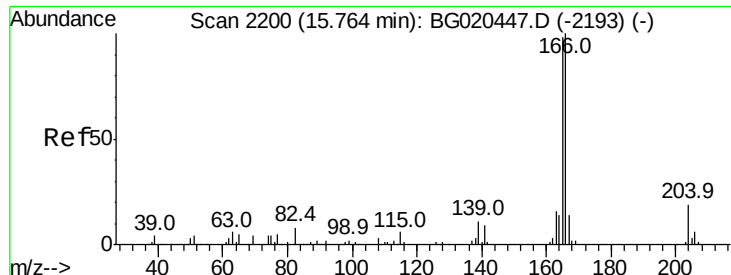
Delta R.T. 0.00 min

Lab File: BG020449.D

Acq: 23 Dec 2015 18:48

Tgt Ion:	168	Resp:	311383
Ion Ratio	Lower	Upper	
168	100		
139	38.1	30.5	45.7





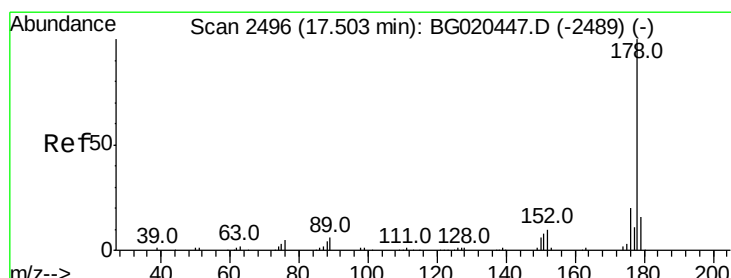
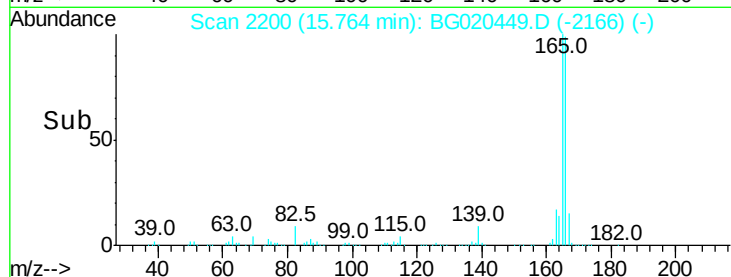
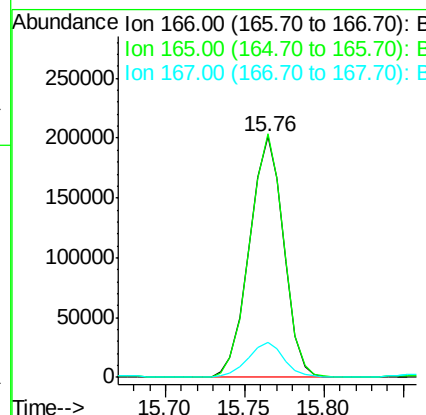
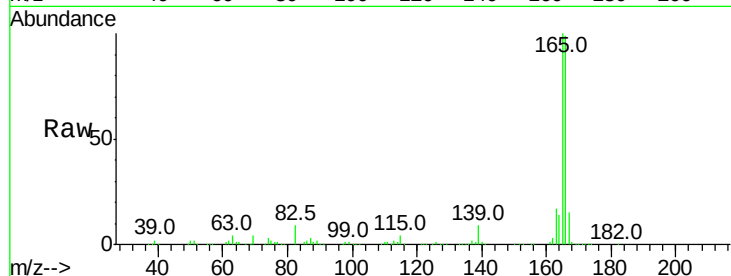
#59
Fluorene
 Concen: 59.24 ng/ul
 RT: 15.76 min Scan# 2200
 Delta R.T. 0.00 min
 Lab File: BG020449.D
 Acq: 23 Dec 2015 18:48

Instrument :
 BNA_G
 ClientSampleId :
 D9N50DL

Tot Ion	Ratio	Resp	Lower	Upper
166	100	302413		
165	101.1		81.4	122.0
167	14.7		11.2	16.8

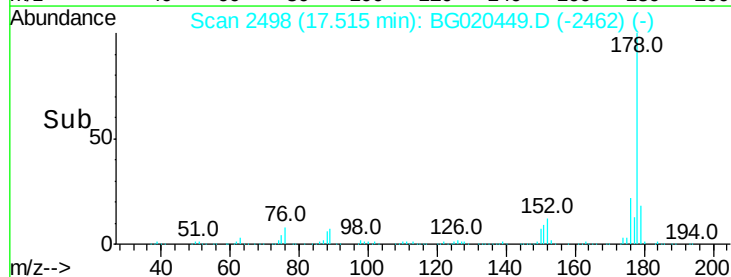
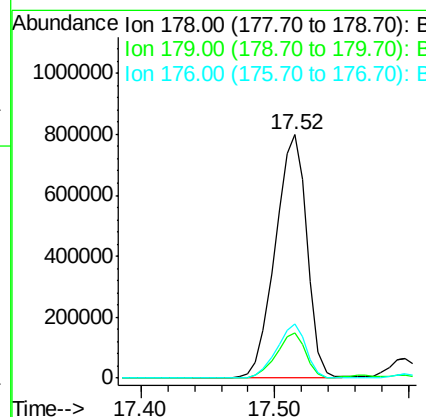
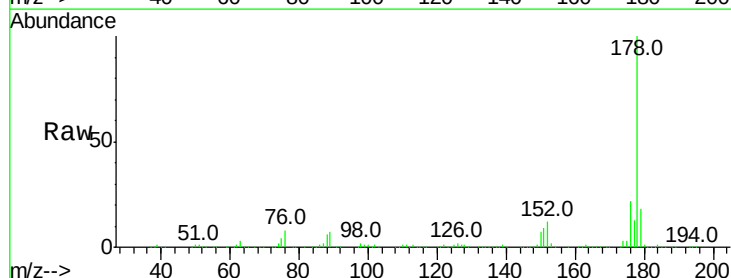
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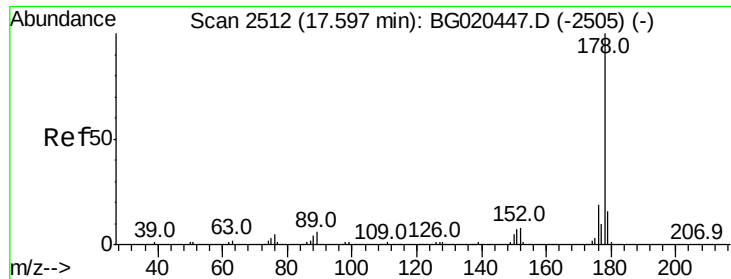
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#70
Phenanthrene
 Concen: 149.23 ng/ul
 RT: 17.52 min Scan# 2498
 Delta R.T. 0.01 min
 Lab File: BG020449.D
 Acq: 23 Dec 2015 18:48

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	1318123		
179	18.3		12.9	19.3
176	22.1		15.3	22.9





#72

Anthracene

Concen: 11.08 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BG020449.D

Acq: 23 Dec 2015 18:48

Instrument :

BNA_G

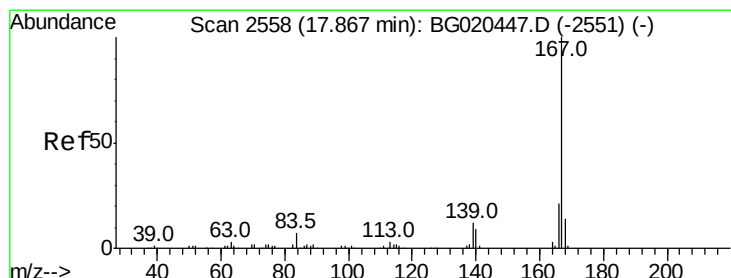
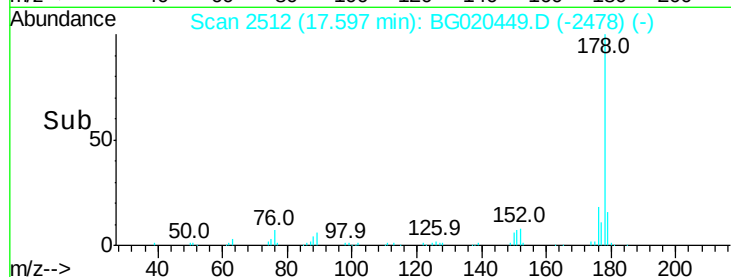
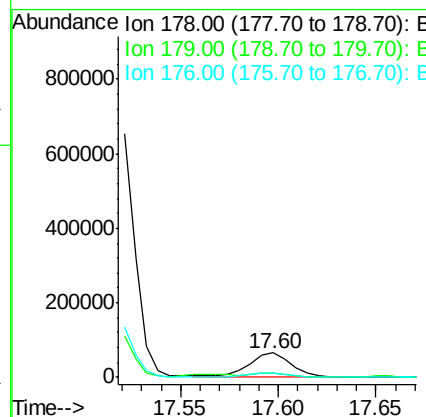
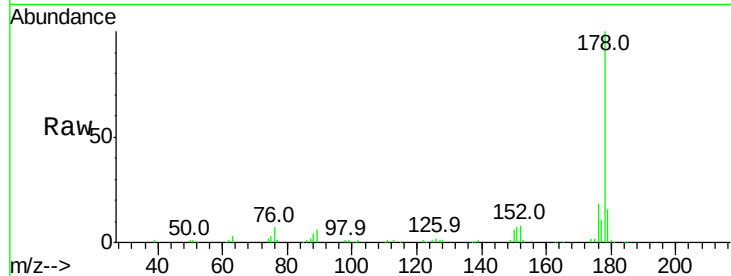
ClientSampleId :

D9N50DL

Tot Ion:	178	Resp:	99286
Ion Ratio	Lower	Upper	
178	100		
179	16.2	12.3	18.5
176	18.4	14.3	21.5

Manual Integrations
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#75

Carbazole

Concen: 8.71 ng/ul

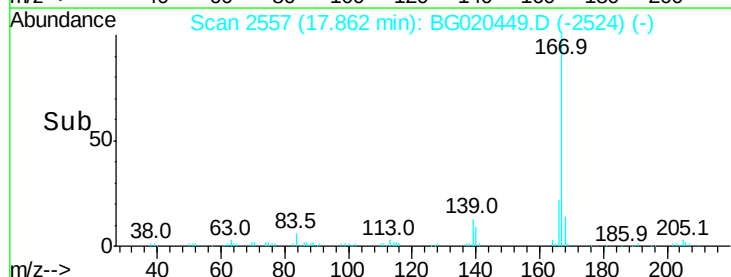
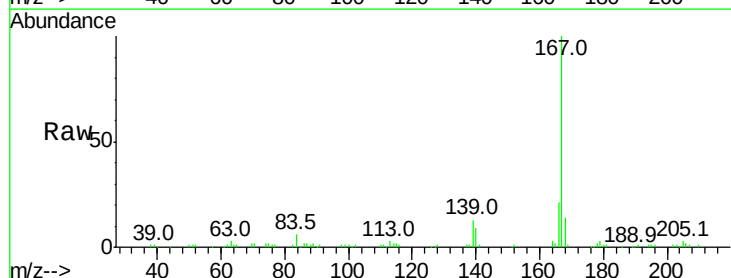
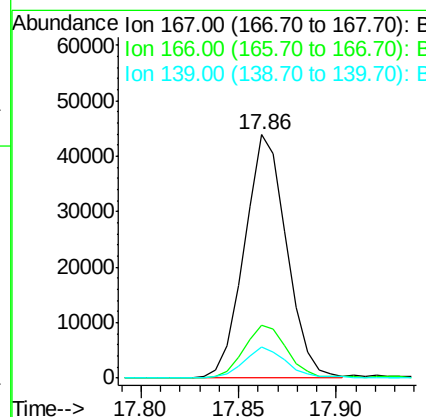
RT: 17.86 min Scan# 2557

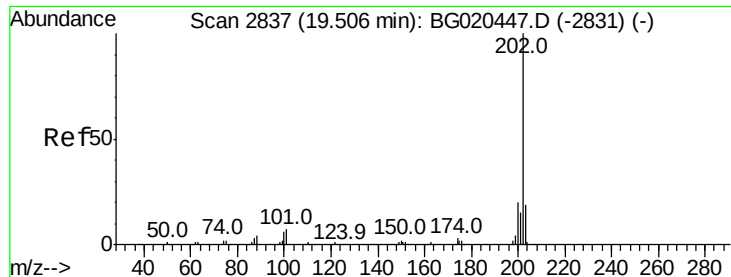
Delta R.T. -0.01 min

Lab File: BG020449.D

Acq: 23 Dec 2015 18:48

Tgt Ion:	167	Resp:	65590
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.0	25.6
139	12.6	10.1	15.1





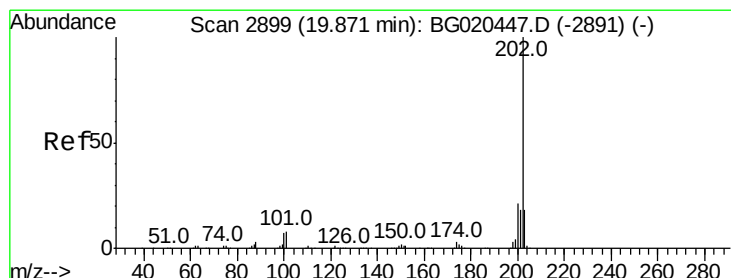
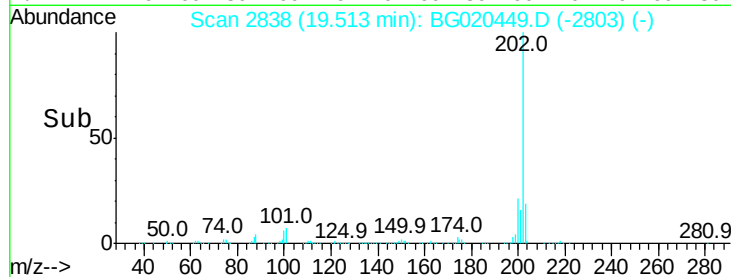
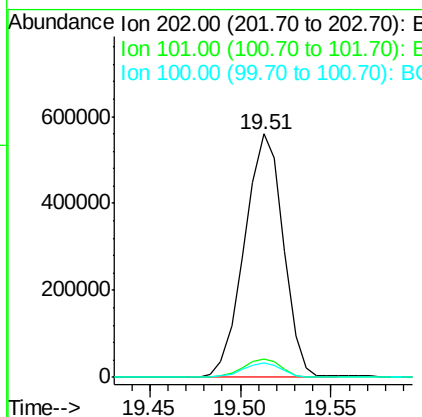
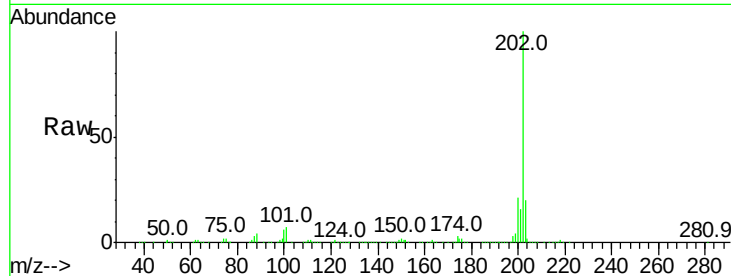
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 Fluoranthene
 Concen: 80.70 ng/ul
 RT: 19.51 min Scan# 2838
 Delta R.T. 0.01 min
 Lab File: BG020449.D
 Acq: 23 Dec 2015 18:48

Instrument :
 BNA_G
 ClientSampleId :
 D9N50DL

Tot Ion:	202	Resp:	833041
Ion Ratio	Lower	Upper	
202	100		
101	7.3	6.2	9.4
100	6.2	5.1	7.7

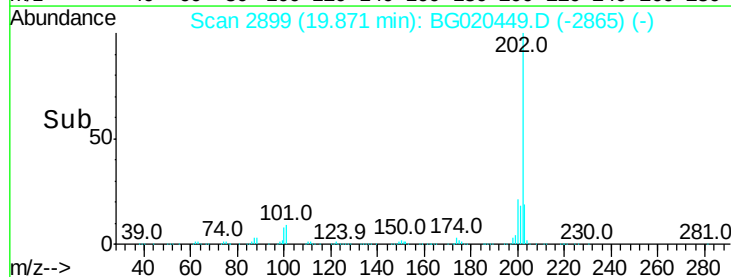
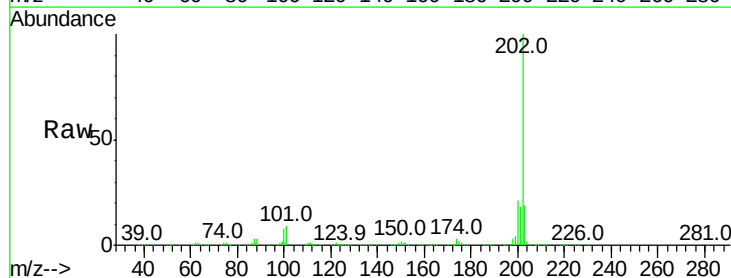
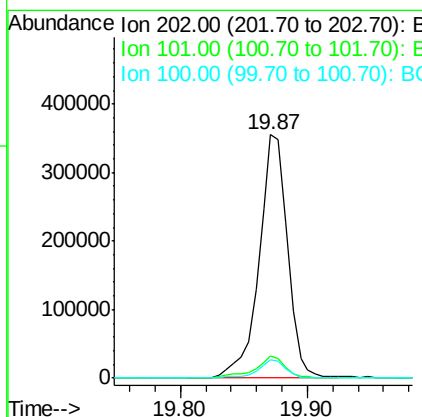
Manual Integrations
 APPROVED

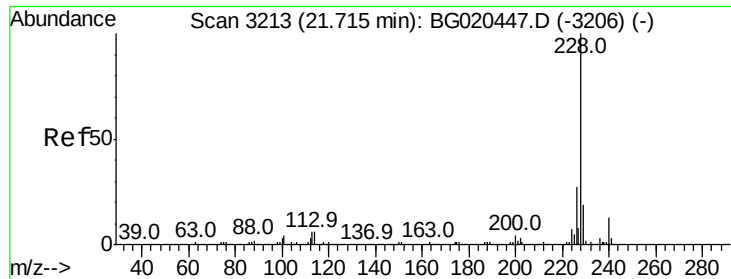
Sohil
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#80
 Pyrene
 Concen: 45.73 ng/ul
 RT: 19.87 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: BG020449.D
 Acq: 23 Dec 2015 18:48

Tgt Ion:	202	Resp:	556272
Ion Ratio	Lower	Upper	
202	100		
101	8.9	7.0	10.4
100	7.7	6.4	9.6





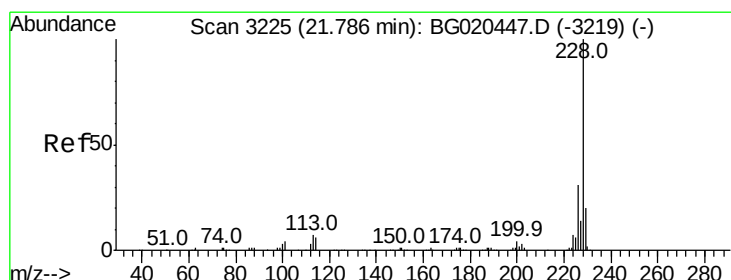
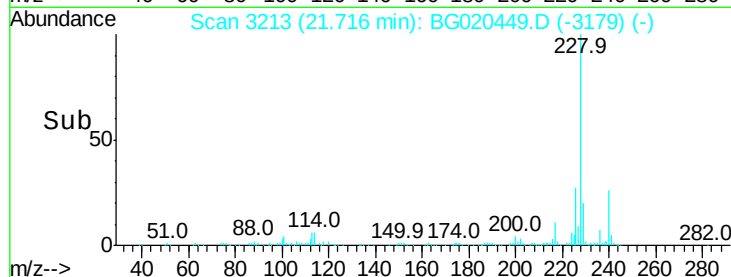
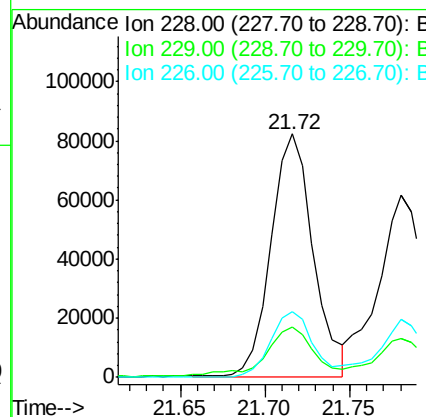
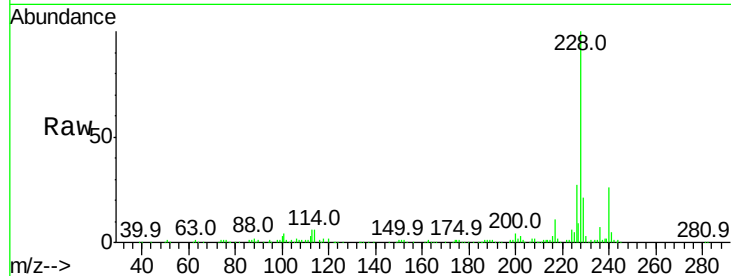
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Benzo(a)anthracene
Concen: 12.18 ng/ul
RT: 21.72 min Scan# 3213
Delta R.T. 0.00 min
Lab File: BG020449.D
Acq: 23 Dec 2015 18:48

Instrument :
BNA_G
ClientSampleId :
D9N50DL

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	27.1	21.8	32.6

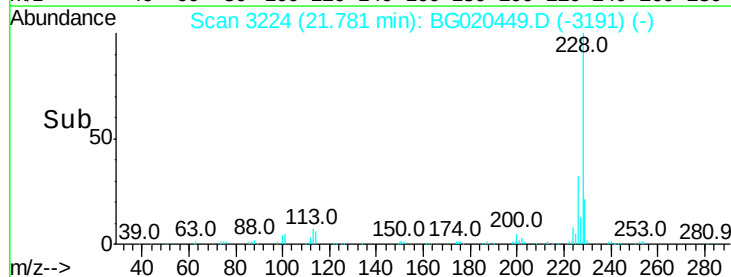
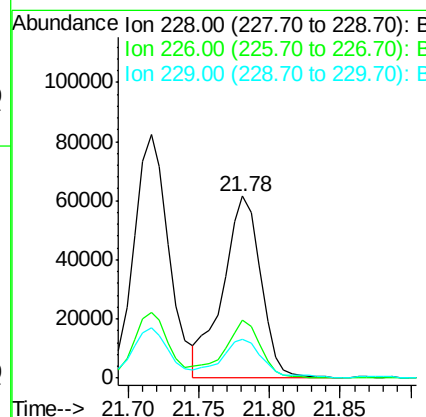
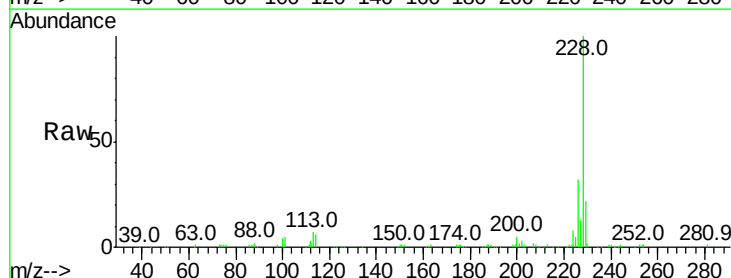
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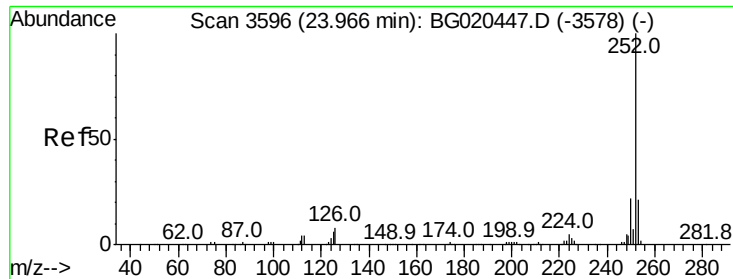
Sohil
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#85
Chrysene
Concen: 10.34 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. -0.01 min
Lab File: BG020449.D
Acq: 23 Dec 2015 18:48

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.8	23.9	35.9
229	21.6	15.6	23.4





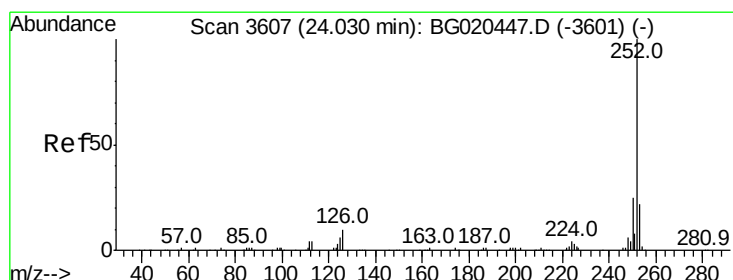
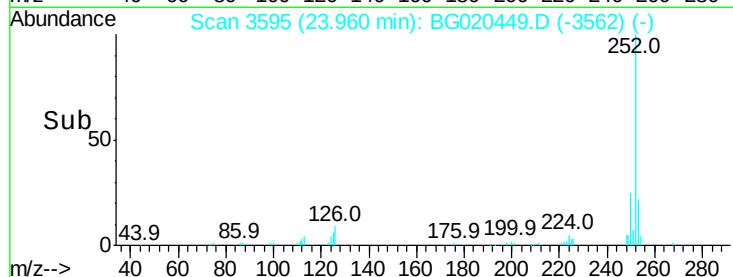
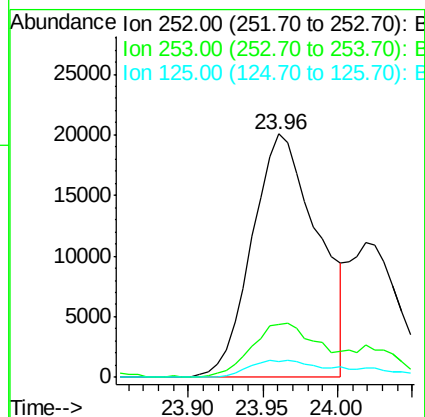
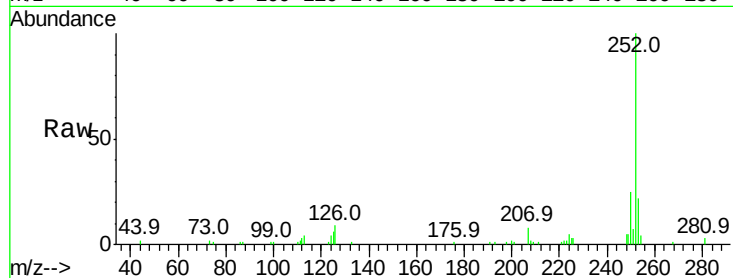
#88
Benzo(b)fluoranthene
Concen: 5.32 ng/ul
RT: 23.96 min Scan# 3595
Delta R.T. -0.01 min
Lab File: BG020449.D
Acq: 23 Dec 2015 18:48

Instrument :
BNA_G
ClientSampleId :
D9N50DL

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.7	25.1
125	6.4	6.2	9.2

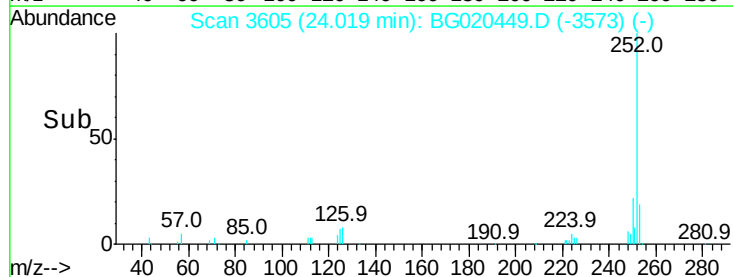
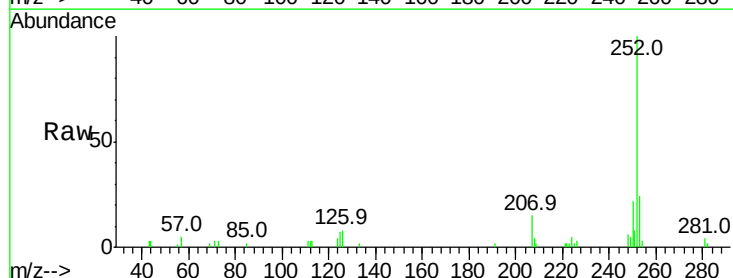
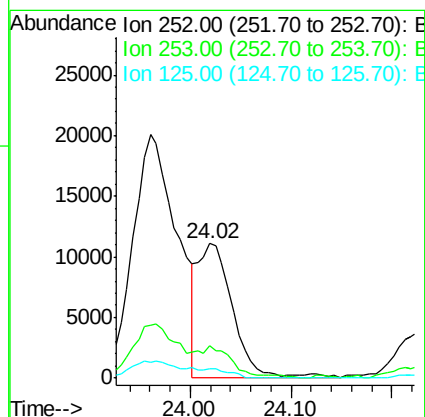
Manual Integrations
APPROVED

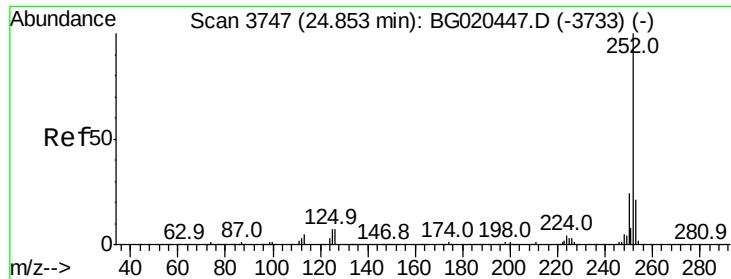
Sohil
12/24/2015 5:32:11 PM



#89
Benzo(k)fluoranthene
Concen: 2.40 ng/ul m
RT: 24.02 min Scan# 3605
Delta R.T. -0.01 min
Lab File: BG020449.D
Acq: 23 Dec 2015 18:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.9	26.9
125	7.3	5.8	8.6





#91
 Benzo(a)pyrene
 Concen: 3.22 ng/ul
 RT: 24.84 min Scan# 3745
 Delta R.T. -0.01 min
 Lab File: BG020449.D
 Acq: 23 Dec 2015 18:48

Instrument :
 BNA_G
 ClientSampleId :
 D9N50DL

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	24.3	17.0	25.4
125	5.7	6.2	9.4

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:32:11 PM

