

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020451.D
 Acq On : 23 Dec 2015 20:07
 Operator : UM/SJ
 Sample : G4848-07DL 25X
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N53DL

Manual Integrations
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Sohil
 12/24/2015 5:32:07 PM

Quant Time: Dec 24 03:33:06 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	21332	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	93609	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	68430	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	164974	20.00	ng/ul	0.00
78) Chrysene-d12	21.74	240	202507	20.00	ng/ul	0.00
86) Perylene-d12	25.01	264	188816	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	1234	0.66	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	844	0.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	1048	0.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	1055	0.66	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	519m	0.71	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	544	0.67	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	1306	0.79	ng/ul	0.00
29) 4-Chloroaniline-d4	11.04	131	1232	0.67	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	5805	1.05	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	6582	1.02	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.70	176	5327	1.06	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	8077m	1.06	ng/ul	0.00
79) Pyrene-d10	19.84	212	9284	0.98	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	9455	1.00	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.95	128	151742	31.04	ng/ul	99
34) 2-Methylnaphthalene	12.55	142	45529	12.19	ng/ul	99
41) 1,1'-Biphenyl	13.55	154	16820	3.26	ng/ul	92
50) Acenaphthene	14.78	153	78252	17.00	ng/ul	99
54) Dibenzofuran	15.11	168	79741	11.64	ng/ul	99
59) Fluorene	15.76	166	76731	13.95	ng/ul	99
70) Phenanthrene	17.50	178	344281	38.15	ng/ul	99
72) Anthracene	17.59	178	25547	2.79	ng/ul	97
75) Carbazole	17.86	167	16774	2.18	ng/ul	100
77) Fluoranthene	19.51	202	212267	20.13	ng/ul	99
80) Pyrene	19.87	202	142223	11.60	ng/ul	97
83) Benzo(a)anthracene	21.71	228	33761	2.86	ng/ul	99
85) Chrysene	21.78	228	29038	2.61	ng/ul	94
88) Benzo(b)fluoranthene	23.97	252	17094	1.50	ng/ul	96

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

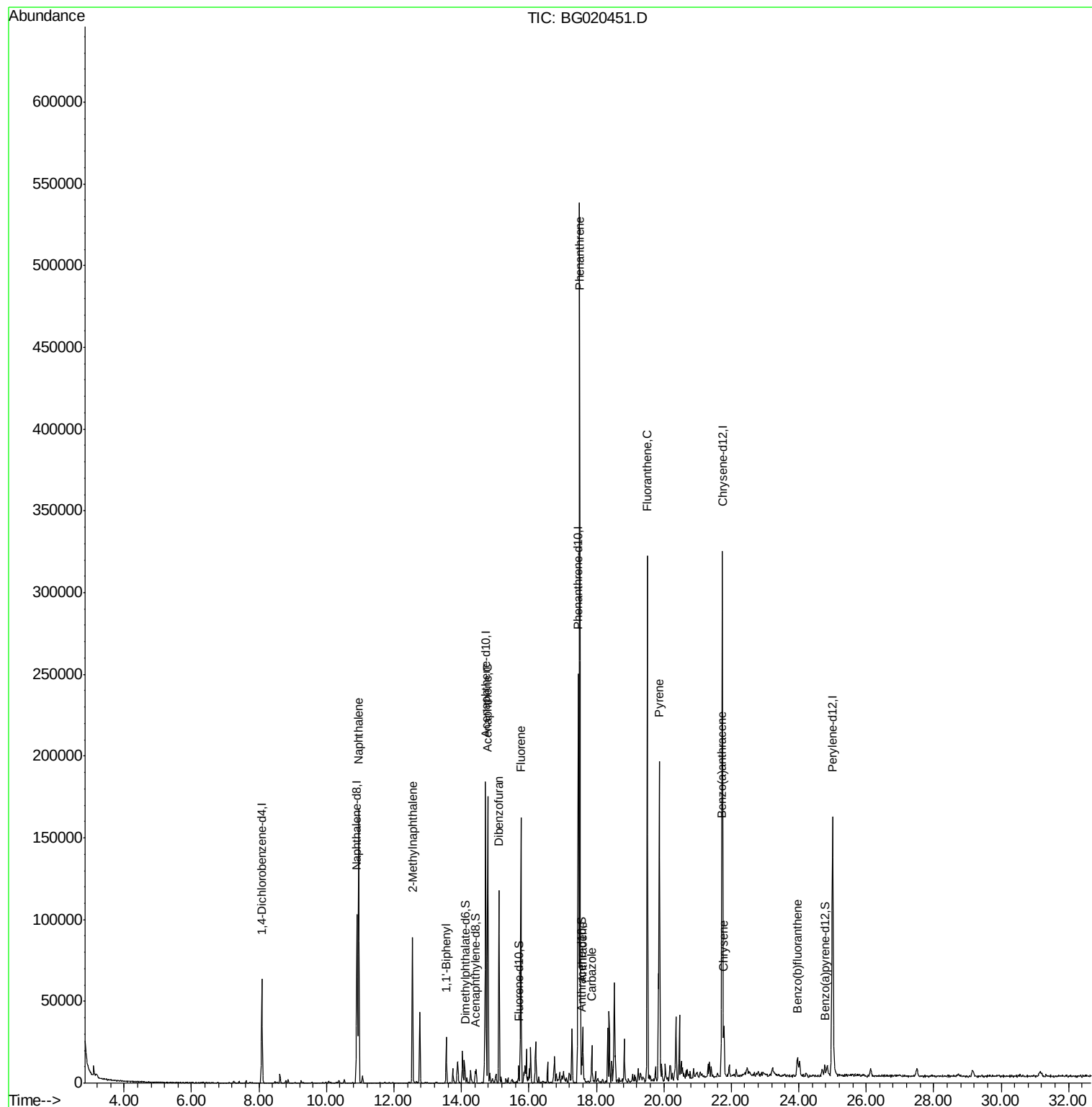
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020451.D
Acq On : 23 Dec 2015 20:07
Operator : UM/SJ
Sample : G4848-07DL 25X
Misc :
ALS Vial : 41 Sample Multiplier: 1

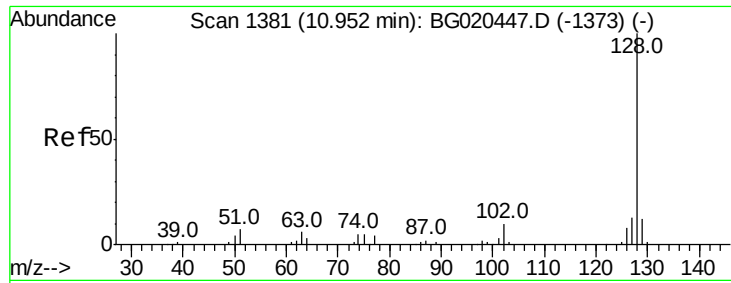
Instrument :
BNA_G
ClientSampleId :
D9N53DL

Manual Integrations
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Quant Time: Dec 24 03:33:06 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





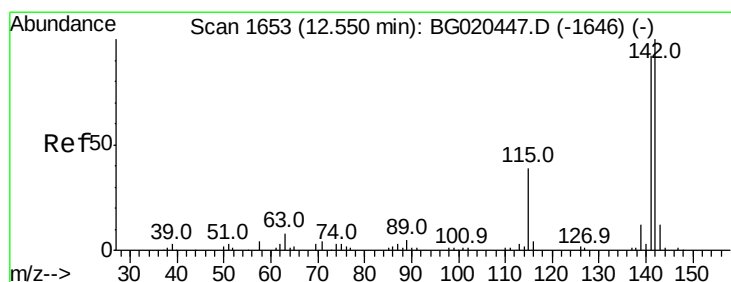
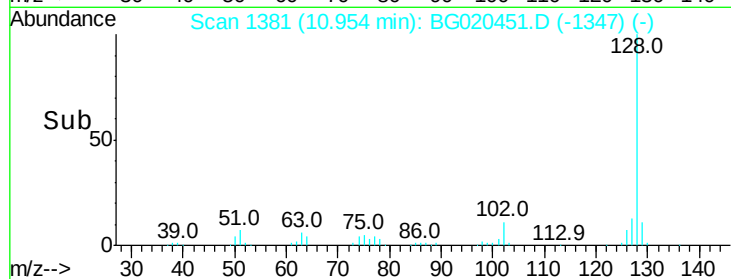
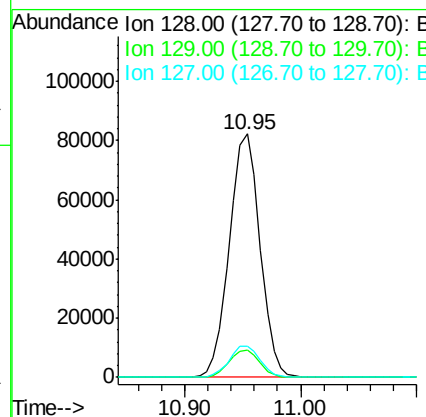
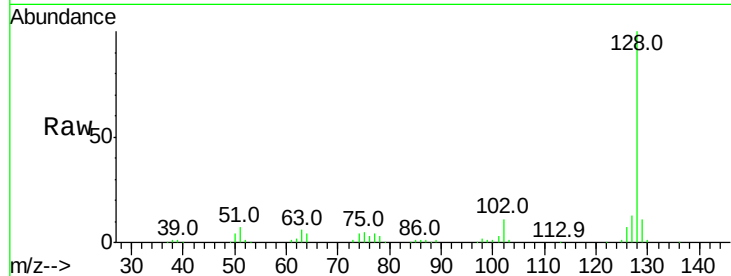
#28
Naphthalene
Concen: 31.04 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG020451.D
Acq: 23 Dec 2015 20:07

Instrument :
BNA_G
ClientSampled :
D9N53DL

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	8.6	12.8
127	12.9	10.1	15.1

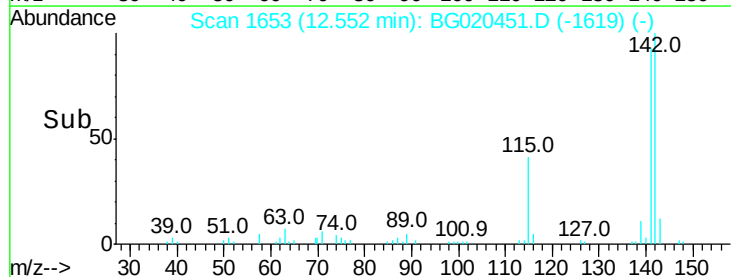
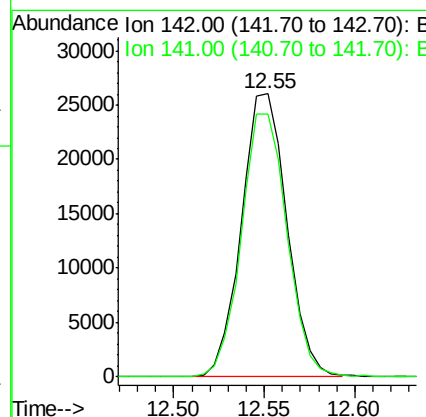
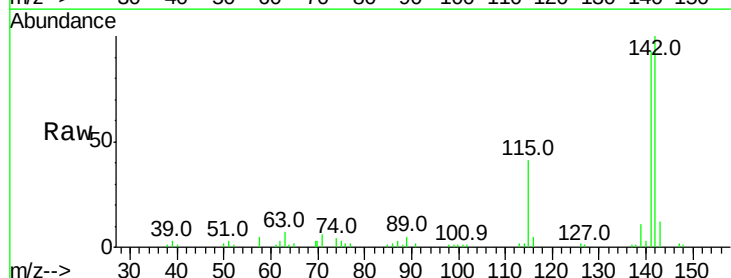
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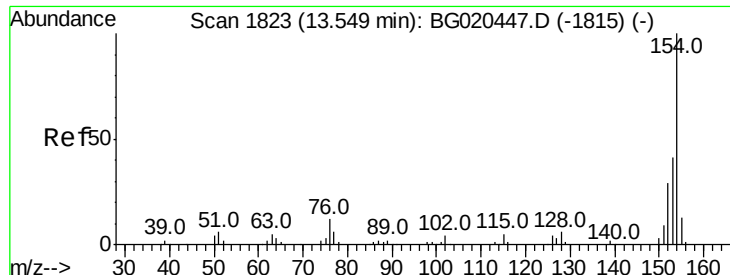
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#34
2-Methylnaphthalene
Concen: 12.19 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG020451.D
Acq: 23 Dec 2015 20:07

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.9	112.3





#41

1,1'-Biphenyl

Concen: 3.26 ng/ul

RT: 13.55 min Scan# 1823

Delta R.T. 0.00 min

Lab File: BG020451.D

Acq: 23 Dec 2015 20:07

Instrument :

BNA_G

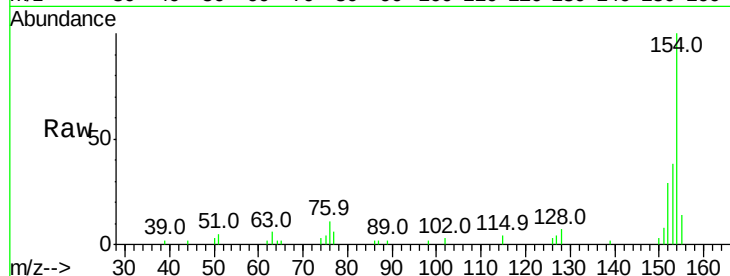
ClientSampleId :

D9N53DL

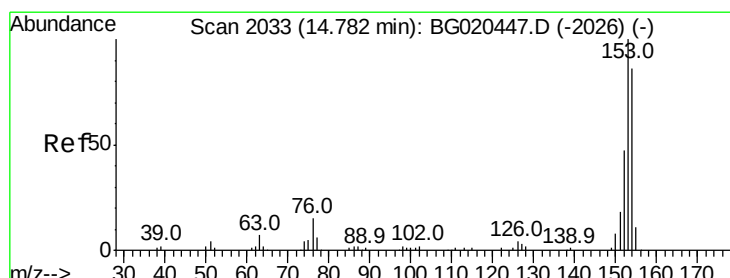
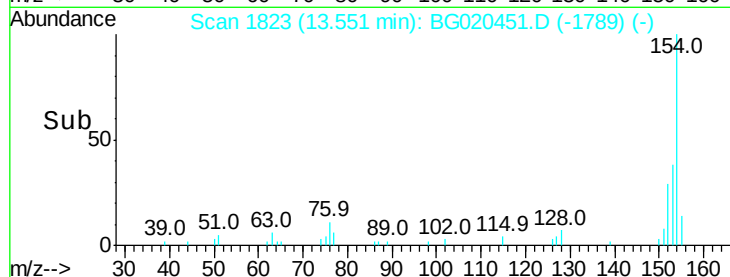
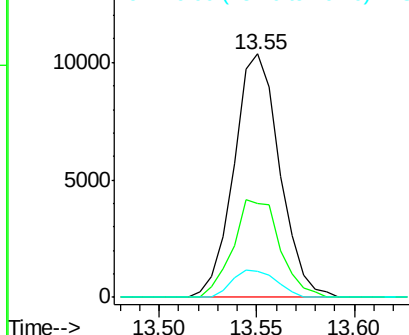
Tot Ion:	154	Resp:	16820
Ion Ratio	Lower	Upper	
154	100		
153	38.5	35.5	53.3
76	10.8	10.4	15.6

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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): BGC



#50

Acenaphthene

Concen: 17.00 ng/ul

RT: 14.78 min Scan# 2032

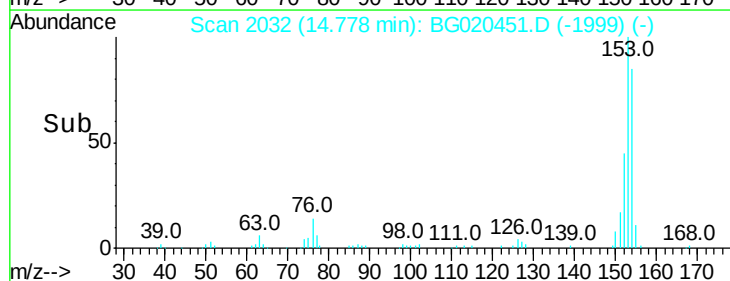
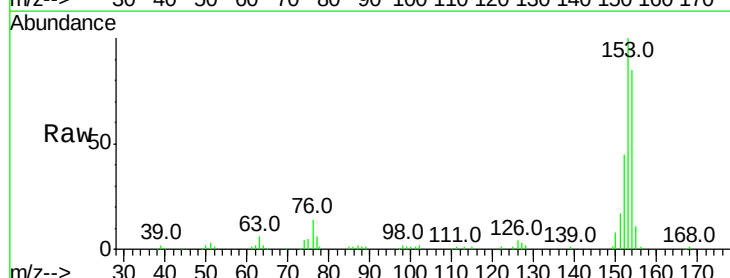
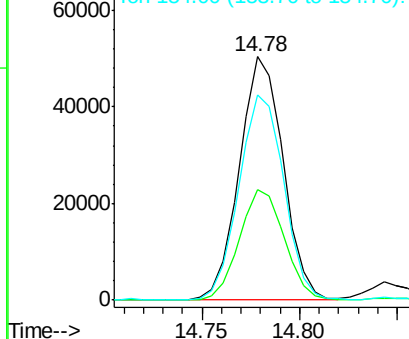
Delta R.T. -0.00 min

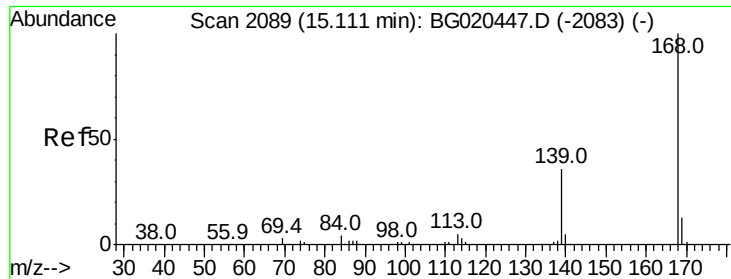
Lab File: BG020451.D

Acq: 23 Dec 2015 20:07

Tgt Ion:	153	Resp:	78252
Ion Ratio	Lower	Upper	
153	100		
152	45.2	37.6	56.4
154	84.5	67.9	101.9

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





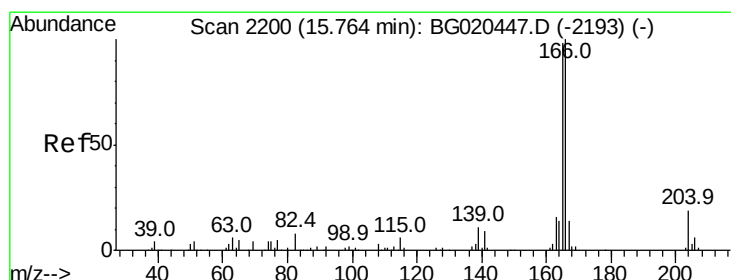
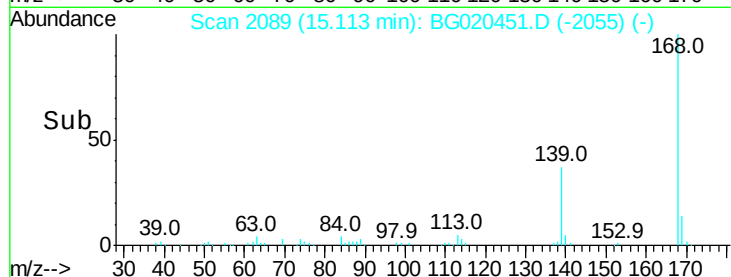
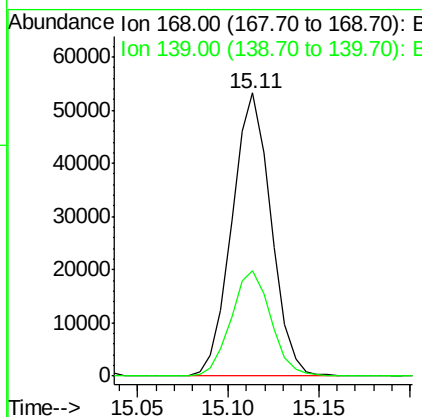
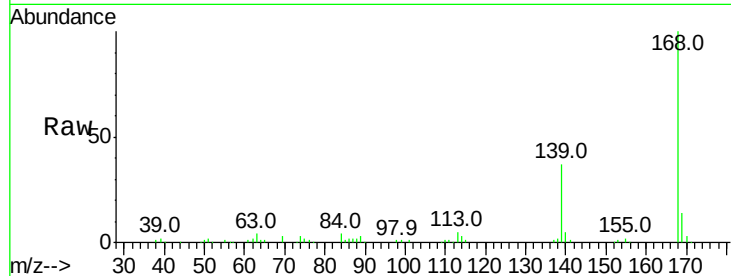
#54
Dibenzenofuran
Concen: 11.64 ng/ul
RT: 15.11 min Scan# 2089
Delta R.T. 0.00 min
Lab File: BG020451.D
Acq: 23 Dec 2015 20:07

Instrument :
BNA_G
ClientSampleId :
D9N53DL

Tot Ion	Ratio	Lower	Upper
168	100		
139	37.5	30.5	45.7

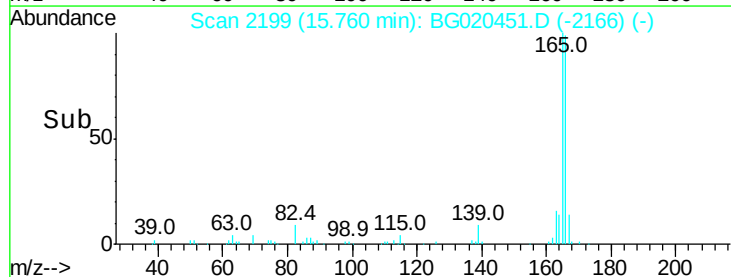
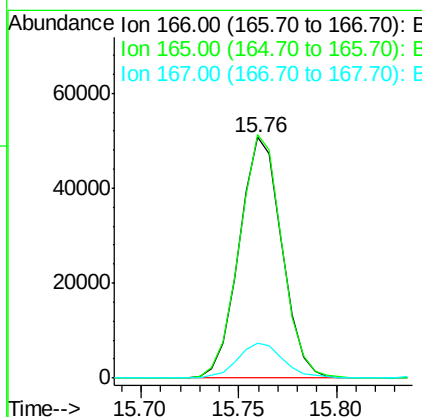
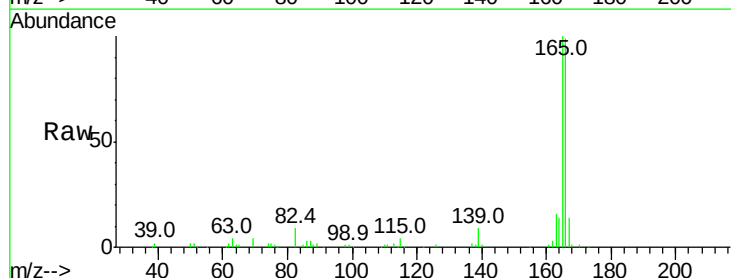
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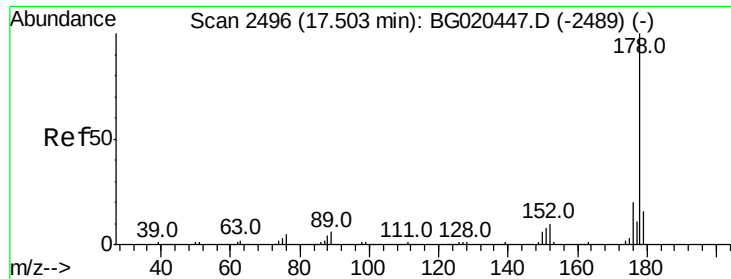
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#59
Fluorene
Concen: 13.95 ng/ul
RT: 15.76 min Scan# 2199
Delta R.T. -0.00 min
Lab File: BG020451.D
Acq: 23 Dec 2015 20:07

Tgt Ion	Ratio	Lower	Upper
166	100		
165	101.1	81.4	122.0
167	14.6	11.2	16.8





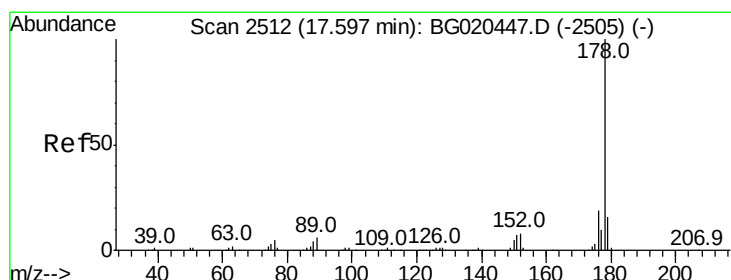
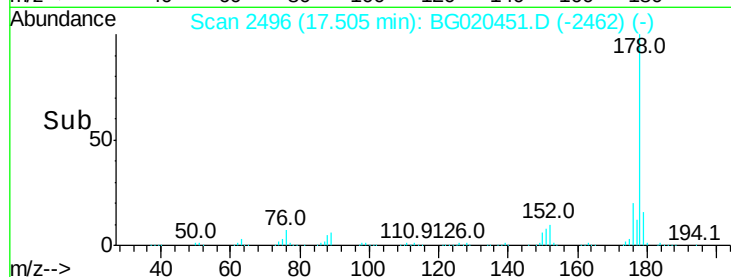
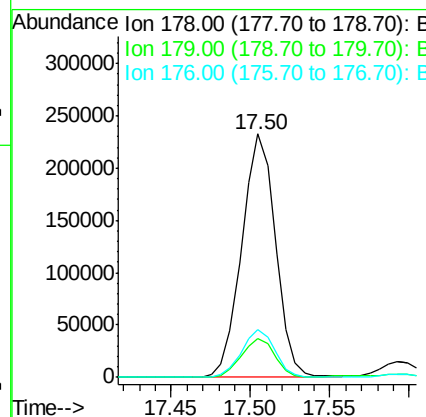
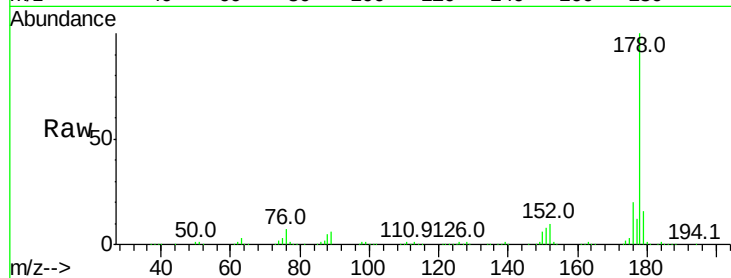
#70
Phenanthrene
Concen: 38.15 ng/ul
RT: 17.50 min Scan# 2496
Delta R.T. 0.00 min
Lab File: BG020451.D
Acq: 23 Dec 2015 20:07

Instrument :
BNA_G
ClientSampleId :
D9N53DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.9	19.3
176	19.6	15.3	22.9

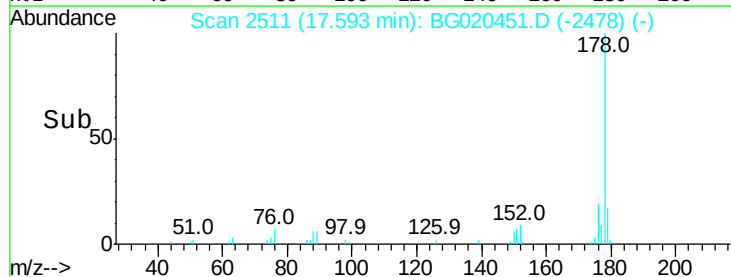
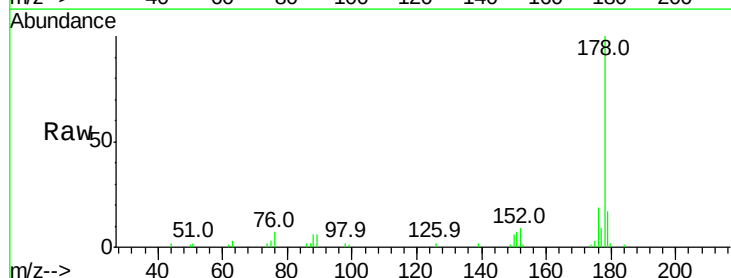
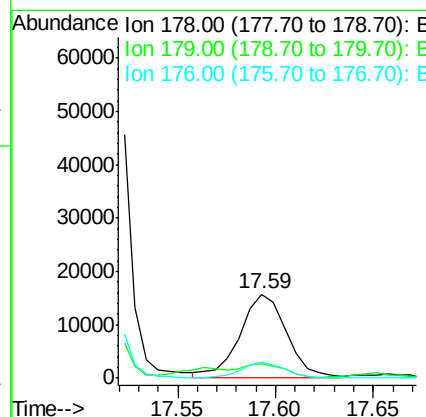
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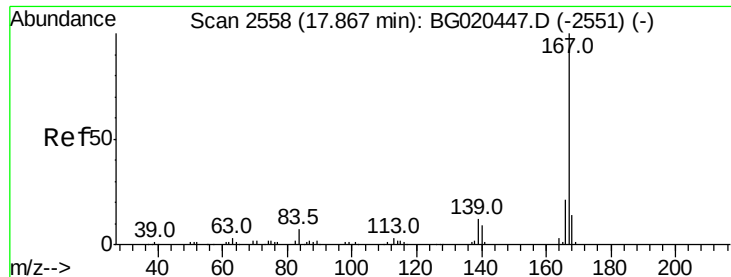
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#72
Anthracene
Concen: 2.79 ng/ul
RT: 17.59 min Scan# 2511
Delta R.T. -0.00 min
Lab File: BG020451.D
Acq: 23 Dec 2015 20:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.3	18.5
176	19.0	14.3	21.5





#75

Carbazole

Concen: 2.18 ng/ul

RT: 17.86 min Scan# 2557

Delta R.T. -0.00 min

Lab File: BG020451.D

Acq: 23 Dec 2015 20:07

Instrument :

BNA_G

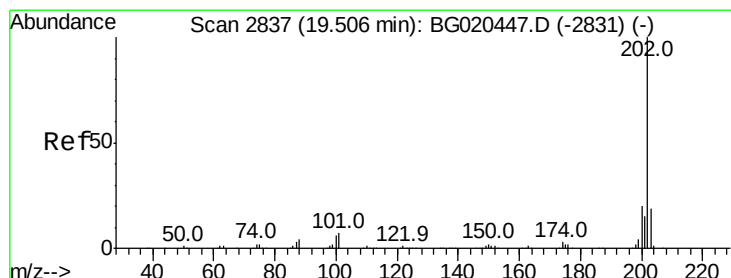
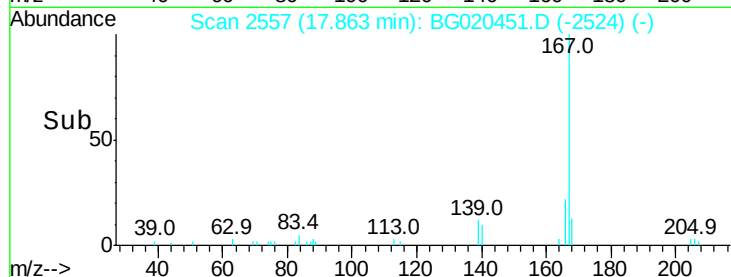
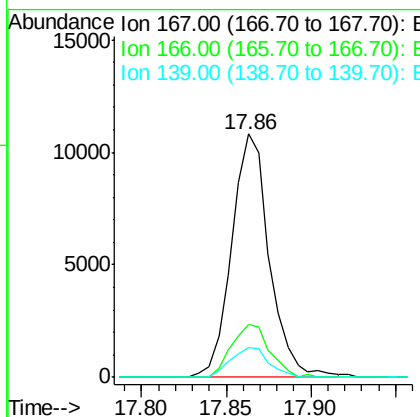
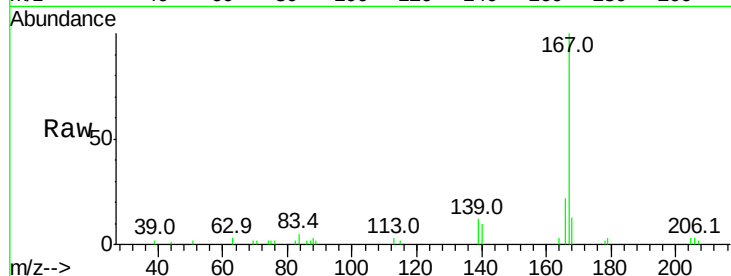
ClientSampleId :

D9N53DL

Tot Ion:	167	Resp:	16774
Ion Ratio	Lower	Upper	
167	100		
166	21.5	17.0	25.6
139	12.4	10.1	15.1

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#77

Fluoranthene

Concen: 20.13 ng/ul

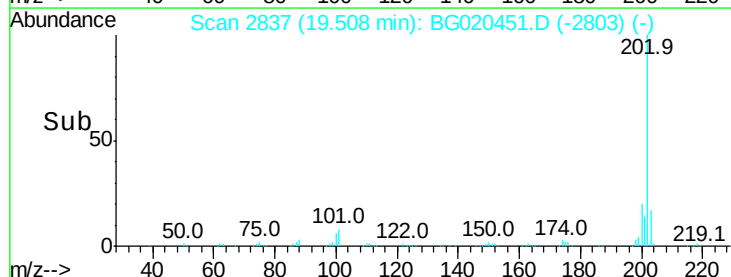
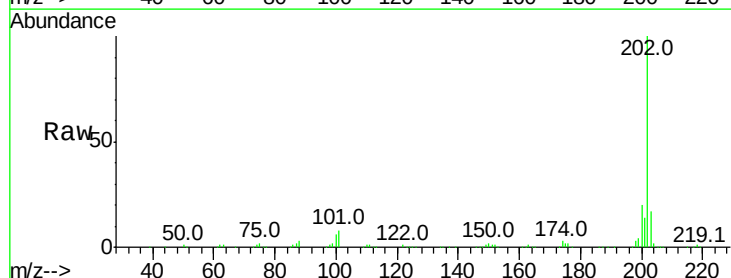
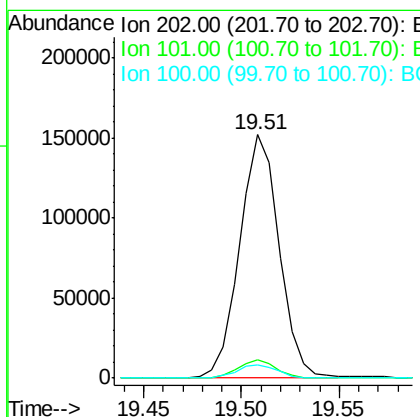
RT: 19.51 min Scan# 2837

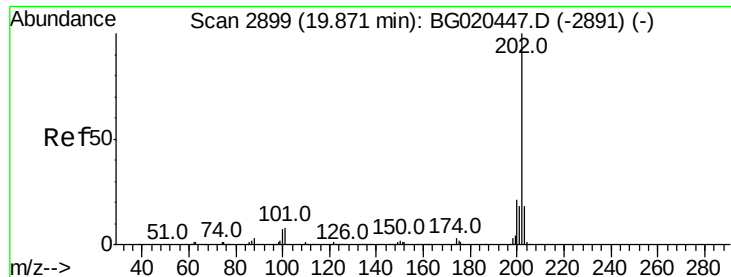
Delta R.T. 0.00 min

Lab File: BG020451.D

Acq: 23 Dec 2015 20:07

Tgt Ion:	202	Resp:	212267
Ion Ratio	Lower	Upper	
202	100		
101	7.6	6.2	9.4
100	5.5	5.1	7.7





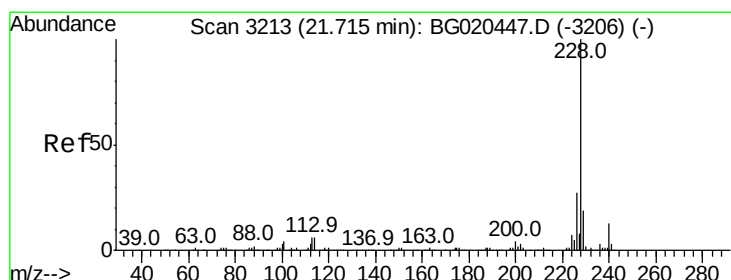
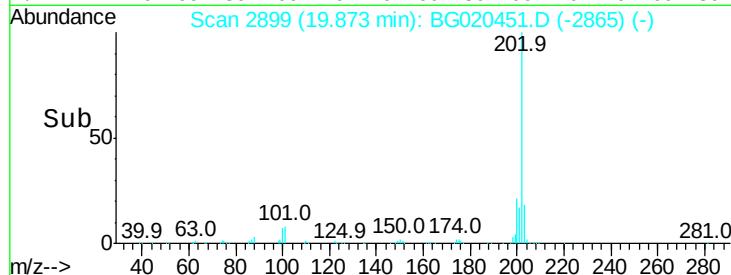
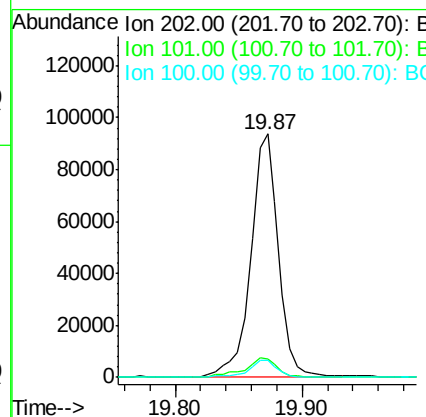
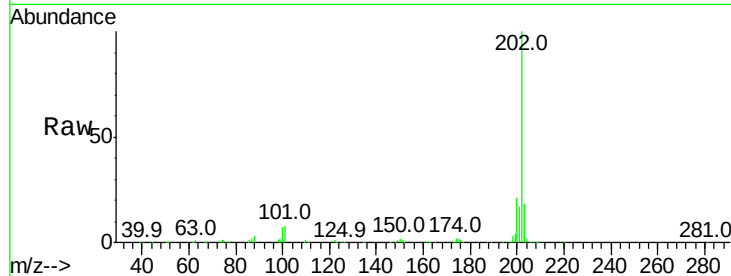
#80
 Pvrene
 Concen: 11.60 ng/ul
 RT: 19.87 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: BG020451.D
 Acq: 23 Dec 2015 20:07

Instrument :
 BNA_G
 ClientSampleId :
 D9N53DL

Tot Ion:	202	Resp:	142223
Ion Ratio	Lower	Upper	
202	100		
101	7.6	7.0	10.4
100	7.0	6.4	9.6

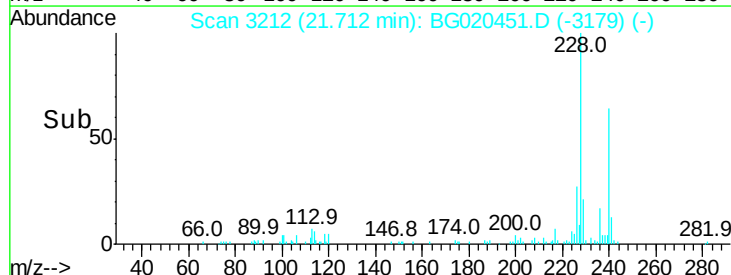
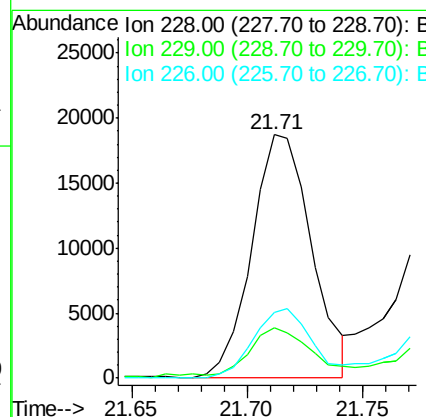
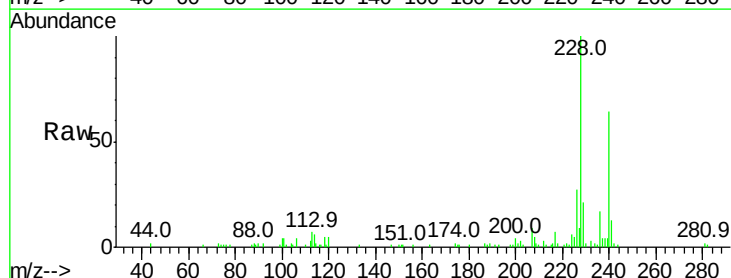
Manual Integrations
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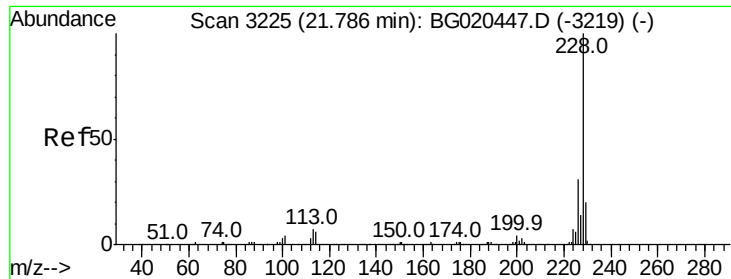
Sohil
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#83
 Benzo(a)anthracene
 Concen: 2.86 ng/ul
 RT: 21.71 min Scan# 3212
 Delta R.T. -0.00 min
 Lab File: BG020451.D
 Acq: 23 Dec 2015 20:07

Tgt Ion:	228	Resp:	33761
Ion Ratio	Lower	Upper	
228	100		
229	20.6	15.8	23.8
226	27.1	21.8	32.6





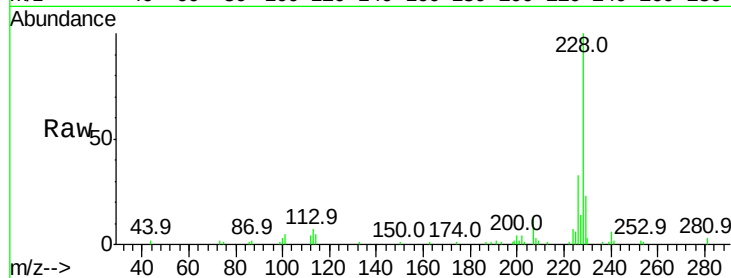
#85
Chrysene
Concen: 2.61 ng/ul
RT: 21.78 min Scan# 3224
Delta R.T. -0.00 min
Lab File: BG020451.D
Acq: 23 Dec 2015 20:07

Instrument :
BNA_G
ClientSampleID :
D9N53DL

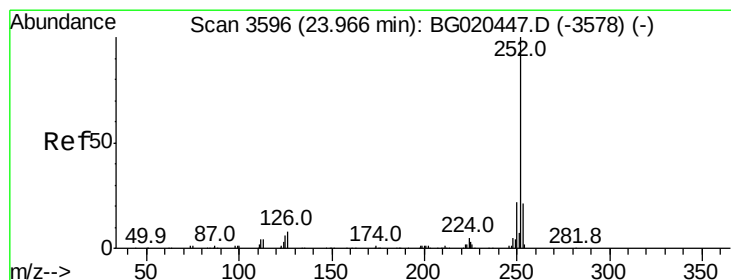
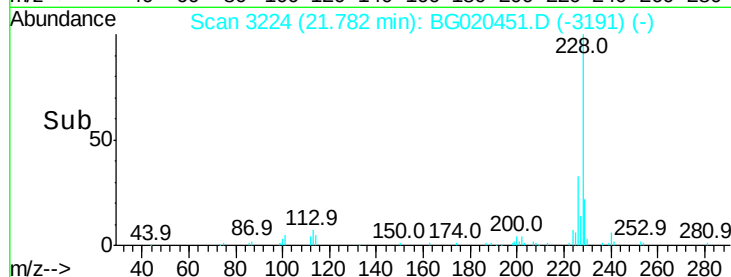
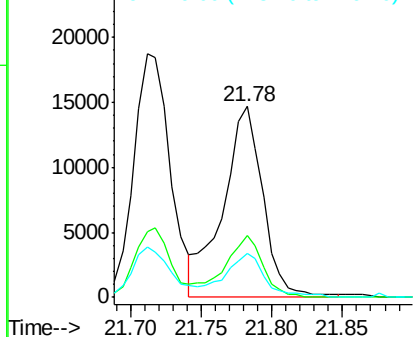
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.9	35.9
229	23.2	15.6	23.4

Manual Integrations
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Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#88
Benzo(b)fluoranthene
Concen: 1.50 ng/ul
RT: 23.97 min Scan# 3596
Delta R.T. 0.00 min
Lab File: BG020451.D
Acq: 23 Dec 2015 20:07

Tgt Ion	Ratio	Lower	Upper
252	100		
253	18.4	16.7	25.1
125	7.2	6.2	9.2

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

