

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
 Data File : BG020460.D
 Acq On : 24 Dec 2015 2:02
 Operator : UM/SJ
 Sample : G4849-08MEDL 5X
 Misc :
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N72MEDL

Manual Integrations
 APPROVED

Sohil
 12/24/2015 5:31:33 PM

Quant Time: Dec 24 06:27:57 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	19499	20.00	ng/ul	0.00
18) Naphthalene-d8	10.90	136	90348	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	64224	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.46	188	153327	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	192325	20.00	ng/ul	0.00
86) Perylene-d12	25.00	264	176987	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	7308	4.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.40	67	4460	4.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.61	132	5674	4.54	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	6895	4.69	ng/ul	0.00
19) Nitrobenzene-d5	9.25	128	3502	4.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.98	143	4061	5.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.52	165	8107	5.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.03	131	10305m	5.78	ng/ul	0.00
44) Dimethylphthalate-d6	14.11	166	35397	6.81	ng/ul	0.00
47) Acenaphthylene-d8	14.41	160	39911	6.60	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	2751m	2.95	ng/ul	0.00
58) Fluorene-d10	15.71	176	32060	6.80	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	2649	2.91	ng/ul	0.00
71) Anthracene-d10	17.56	188	49848	7.06	ng/ul	0.00
79) Pyrene-d10	19.84	212	60163	6.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.77	264	64715	7.33	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.95	128	79333	16.81	ng/ul	99
34) 2-Methylnaphthalene	12.55	142	33344	9.25	ng/ul	91
41) 1,1'-Biphenyl	13.55	154	15935	3.29	ng/ul	93
45) Dimethylphthalate	14.16	163	6216	1.17	ng/ul	98
50) Acenaphthene	14.78	153	63372	14.67	ng/ul	99
54) Dibenzofuran	15.11	168	73755	11.48	ng/ul	98
59) Fluorene	15.76	166	57415	11.12	ng/ul	99
70) Phenanthrene	17.50	178	344864	41.12	ng/ul	100
72) Anthracene	17.60	178	23495	2.76	ng/ul	98
75) Carbazole	17.86	167	7607	1.06	ng/ul	95
77) Fluoranthene	19.51	202	216085	22.05	ng/ul	97
80) Pyrene	19.87	202	145437	12.49	ng/ul	98
83) Benzo(a)anthracene	21.72	228	34225	3.05	ng/ul	99
85) Chrysene	21.78	228	28765	2.72	ng/ul	98
88) Benzo(b)fluoranthene	23.96	252	16633	1.56	ng/ul	93

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

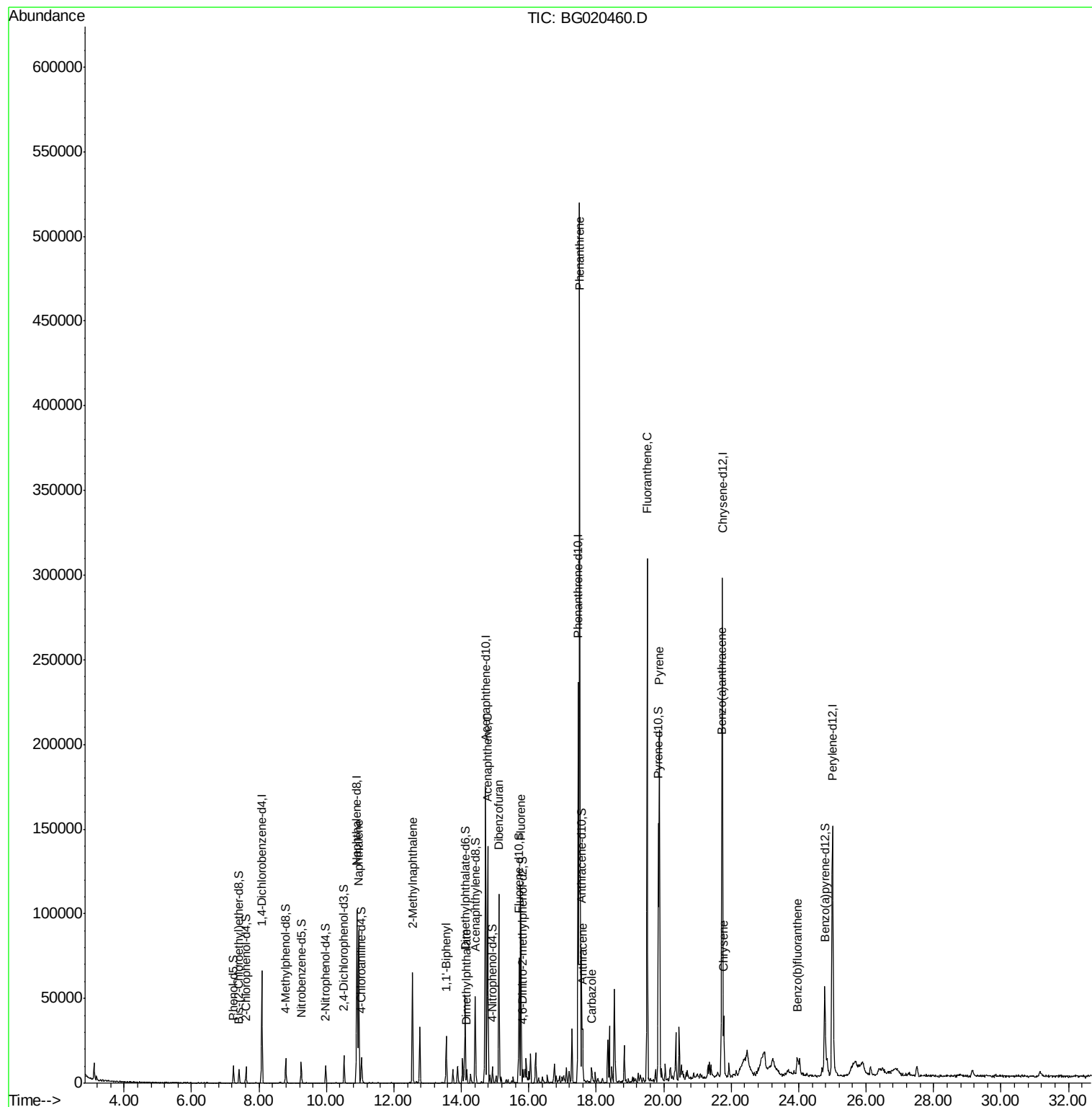
Data Path : Z:\HPCHEM1\BNA G\DATA\BG122215\
Data File : BG020460.D
Acq On : 24 Dec 2015 2:02
Operator : UM/SJ
Sample : G4849-08MEDL 5X
Misc :
ALS Vial : 50 Sample Multiplier: 1

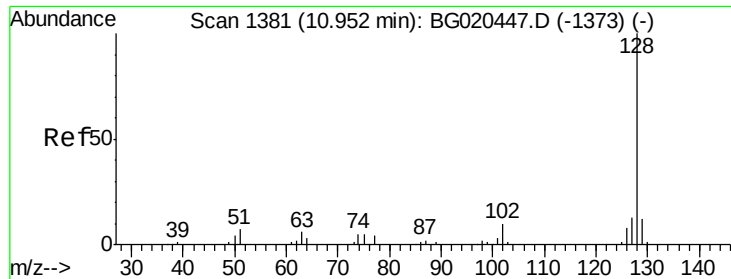
Instrument :
BNA_G
ClientSampleId :
D9N72MEDL

Manual Integrations
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12/24/2015 5:31:33 PM

Quant Time: Dec 24 06:27:57 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





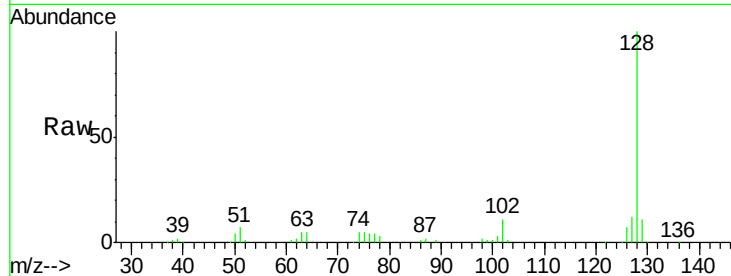
#28
Naphthalene
Concen: 16.81 ng/ul
RT: 10.95 min Scan# 1381
Delta R.T. 0.00 min
Lab File: BG020460.D
Acq: 24 Dec 2015 2:02

Instrument :
BNA_G
ClientSampleId :
D9N72MEDL

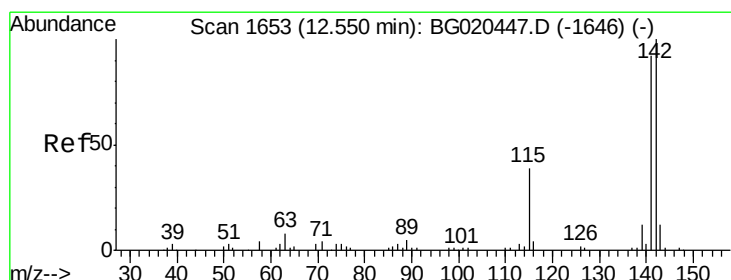
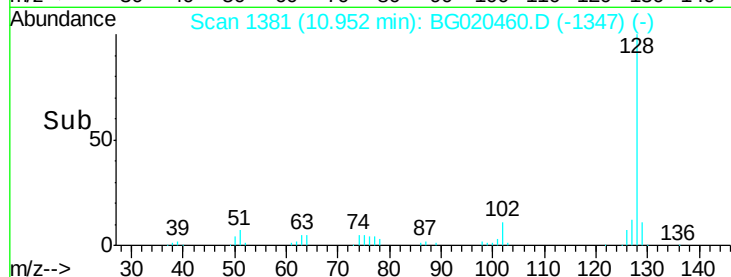
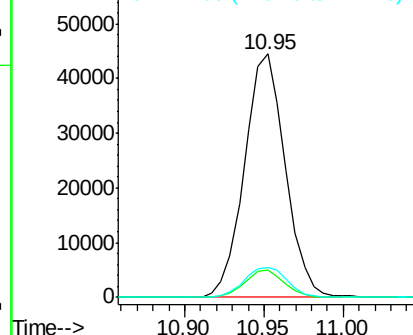
Tot Ion	Ion	Ratio	Resp	Lower	Upper
128	100		79333		
129	11.1	8.6	12.8		
127	12.2	10.1	15.1		

Manual Integrations
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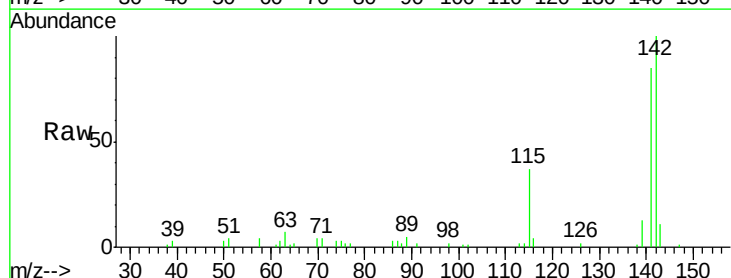


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

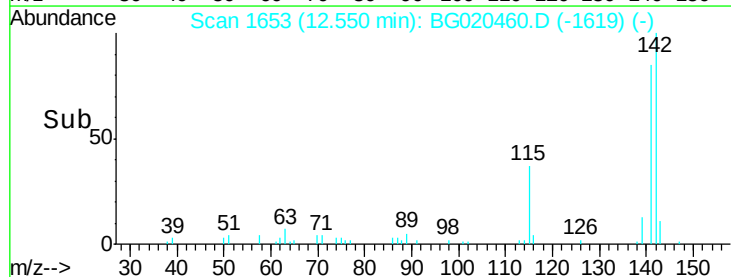
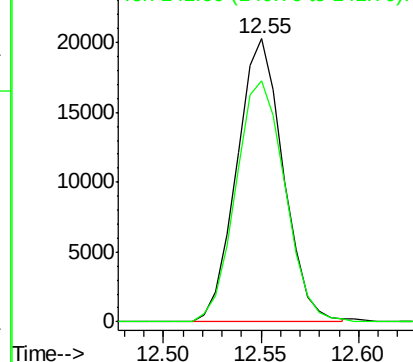


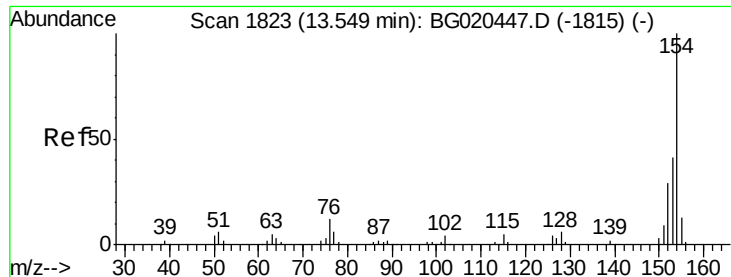
#34
2-Methylnaphthalene
Concen: 9.25 ng/ul
RT: 12.55 min Scan# 1653
Delta R.T. 0.00 min
Lab File: BG020460.D
Acq: 24 Dec 2015 2:02

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
142	100		33344		
141	85.4	74.9	112.3		



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





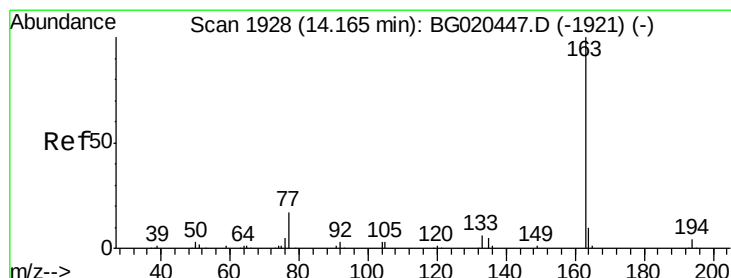
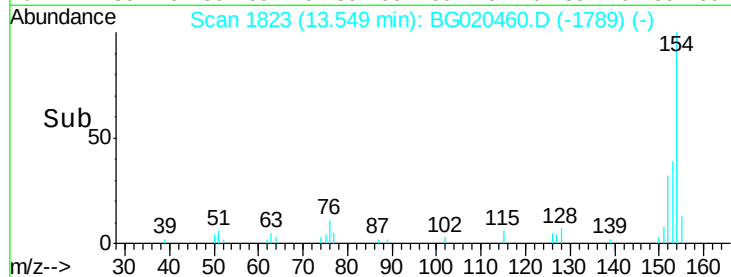
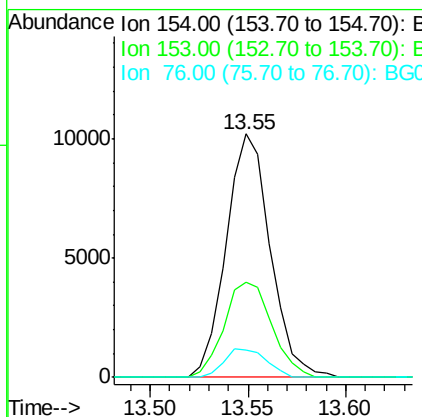
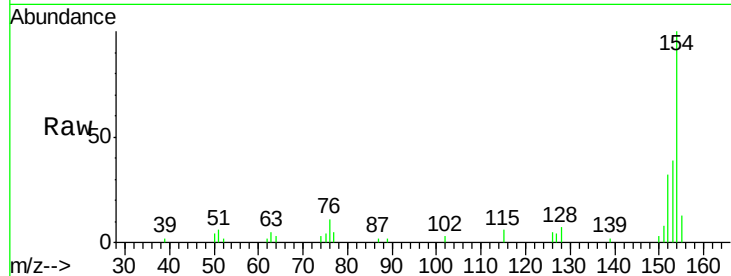
#41
 1,1'-Biphenyl
 Concen: 3.29 ng/ul
 RT: 13.55 min Scan# 1823
 Delta R.T. 0.00 min
 Lab File: BG020460.D
 Acq: 24 Dec 2015 2:02

Instrument :
 BNA_G
 ClientSampleId :
 D9N72MEDL

Tot Ion	Ratio	Lower	Upper
154	100		
153	39.3	35.5	53.3
76	11.0	10.4	15.6

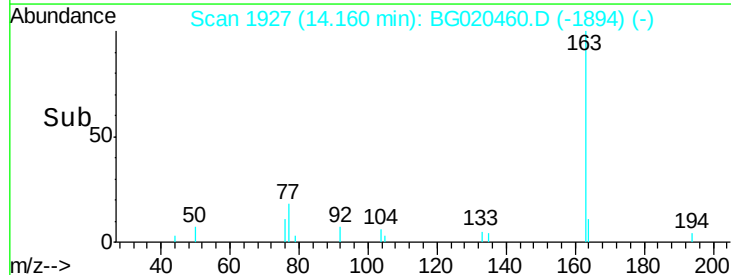
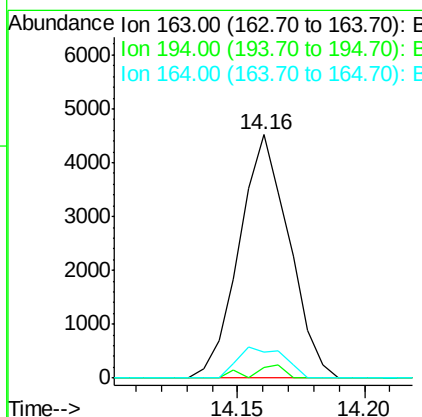
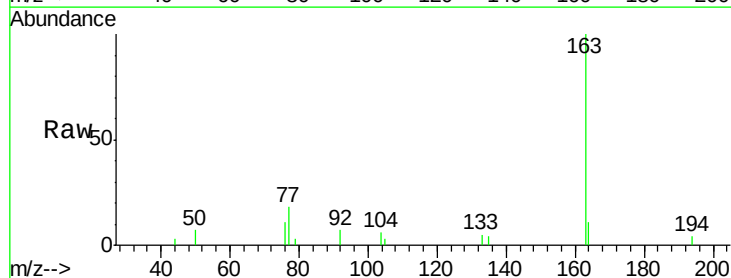
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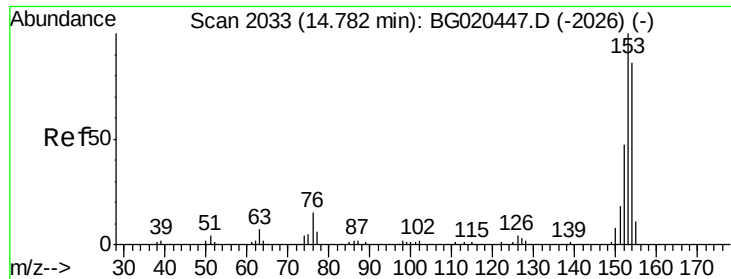
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#45
 Dimethylphthalate
 Concen: 1.17 ng/ul
 RT: 14.16 min Scan# 1927
 Delta R.T. -0.01 min
 Lab File: BG020460.D
 Acq: 24 Dec 2015 2:02

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.5	5.3
164	10.6	7.7	11.5





#50

Acenaphthene

Concen: 14.67 ng/ul

RT: 14.78 min Scan# 2033

Delta R.T. 0.00 min

Lab File: BG020460.D

Acq: 24 Dec 2015 2:02

Instrument :

BNA_G

ClientSampleId :

D9N72MEDL

Tot Ion:153 Resp: 63372

Ion Ratio Lower Upper

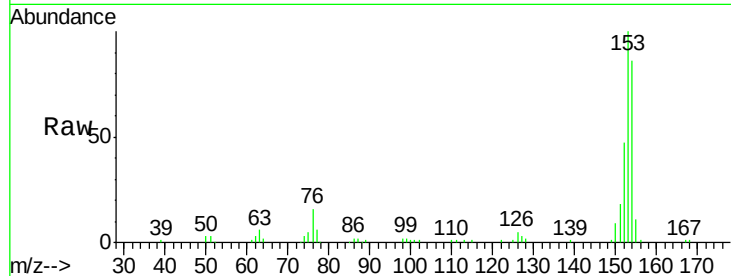
153 100

152 46.8 37.6 56.4

154 85.9 67.9 101.9

Manual Integrations
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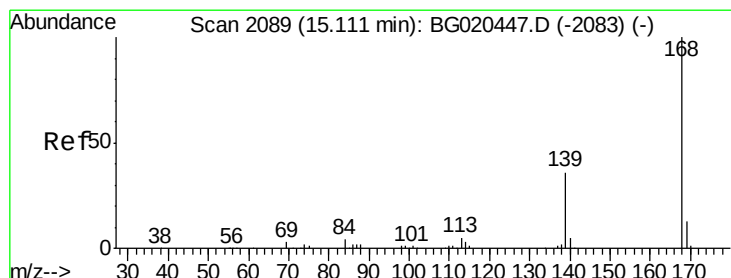
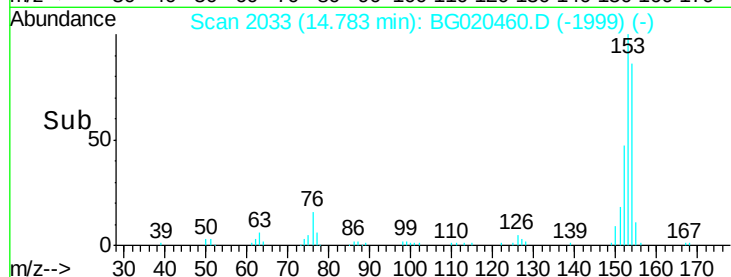
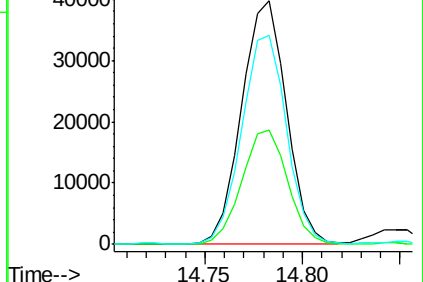
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Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 11.48 ng/ul

RT: 15.11 min Scan# 2089

Delta R.T. 0.00 min

Lab File: BG020460.D

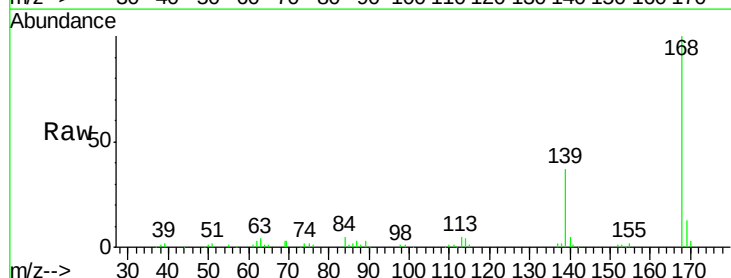
Acq: 24 Dec 2015 2:02

Tgt Ion:168 Resp: 73755

Ion Ratio Lower Upper

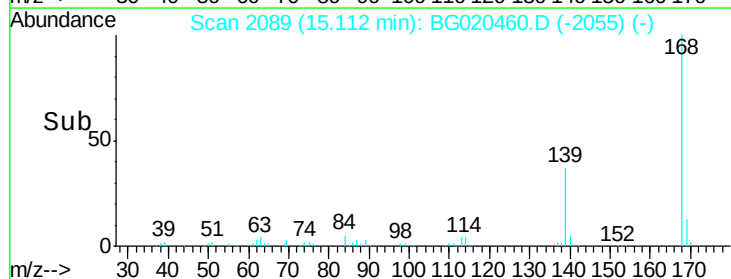
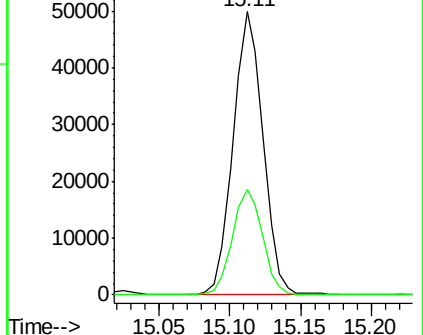
168 100

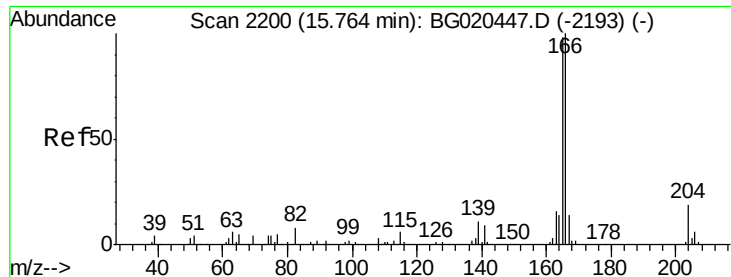
139 37.2 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 11.12 ng/ul

RT: 15.76 min Scan# 2199

Delta R.T. -0.01 min

Lab File: BG020460.D

Acq: 24 Dec 2015 2:02

Instrument :

BNA_G

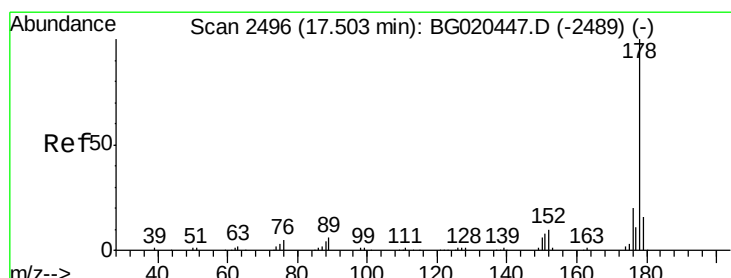
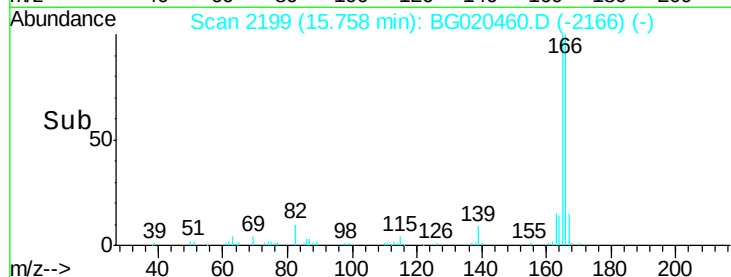
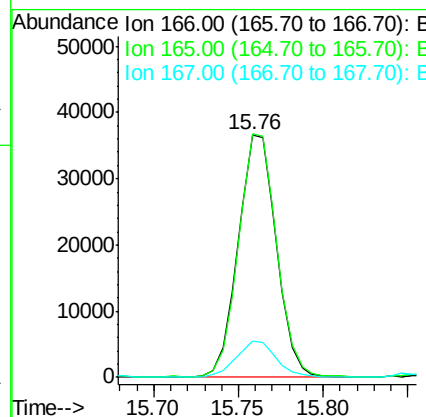
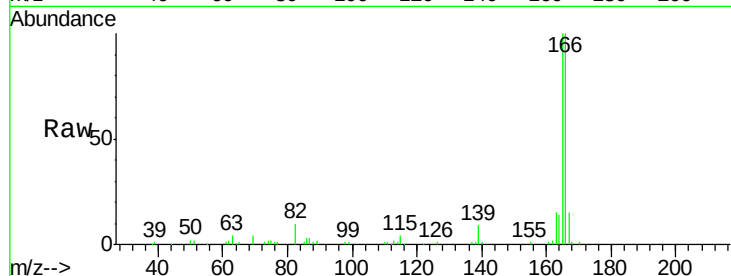
ClientSampleId :

D9N72MEDL

Tot Ion:	166	Resp:	57415
Ion Ratio	Lower	Upper	
166	100		
165	100.3	81.4	122.0
167	14.7	11.2	16.8

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#70

Phenanthrene

Concen: 41.12 ng/ul

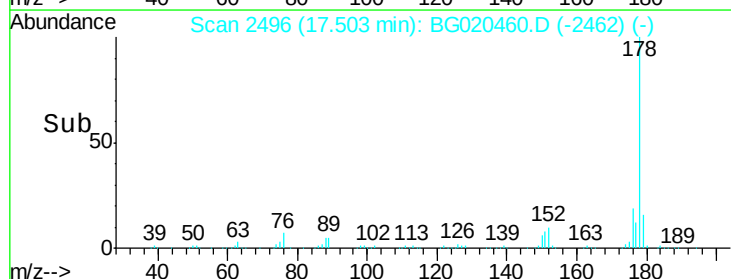
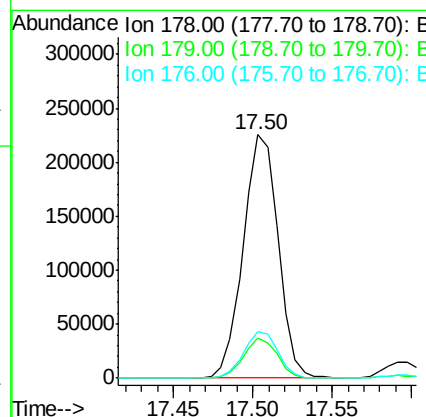
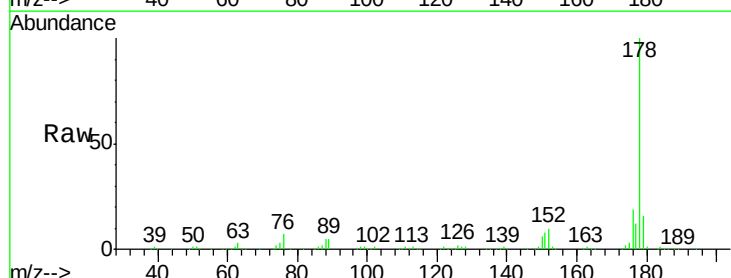
RT: 17.50 min Scan# 2496

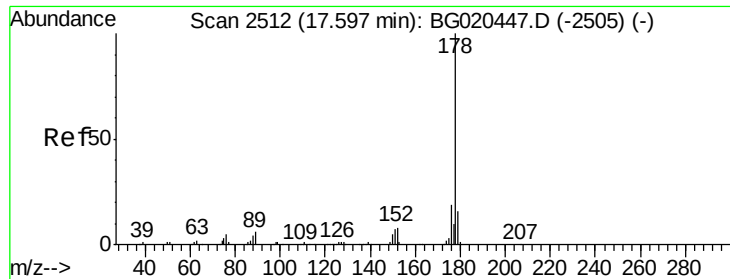
Delta R.T. 0.00 min

Lab File: BG020460.D

Acq: 24 Dec 2015 2:02

Tgt Ion:	178	Resp:	344864
Ion Ratio	Lower	Upper	
178	100		
179	16.4	12.9	19.3
176	19.3	15.3	22.9





#72

Anthracene

Concen: 2.76 ng/ul

RT: 17.60 min Scan# 2512

Delta R.T. 0.00 min

Lab File: BG020460.D

Acq: 24 Dec 2015 2:02

Instrument :

BNA_G

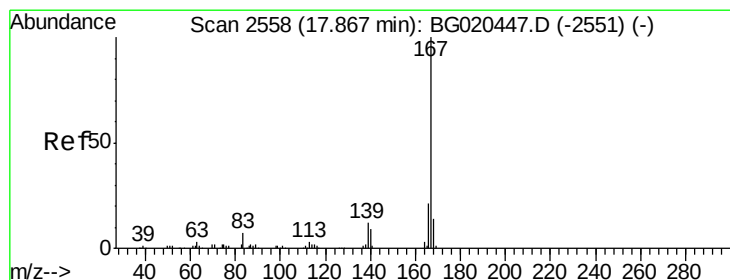
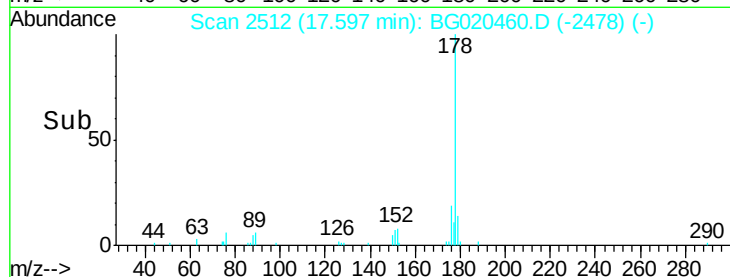
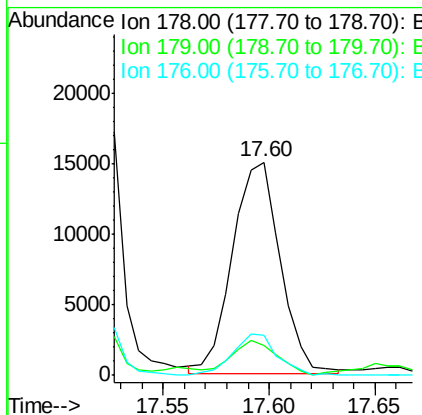
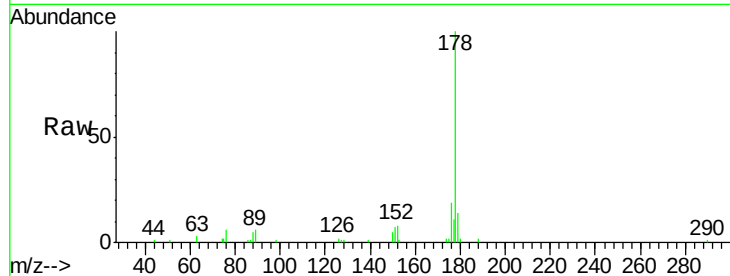
ClientSampleId :

D9N72MEDL

Tot Ion:	178	Resp:	23495
Ion Ratio	Lower	Upper	
178	100		
179	14.2	12.3	18.5
176	18.6	14.3	21.5

Manual Integrations
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#75

Carbazole

Concen: 1.06 ng/ul

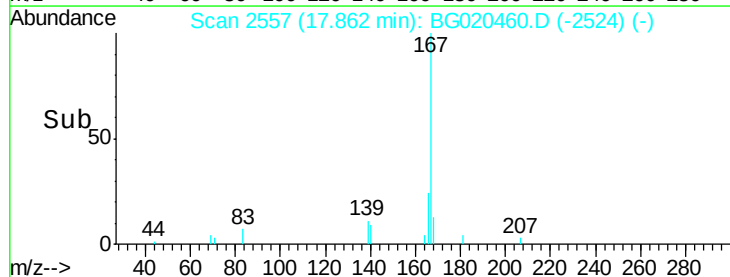
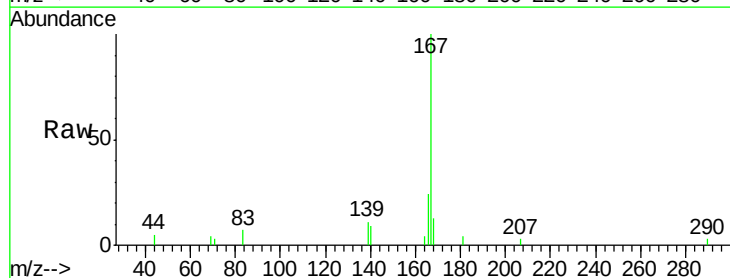
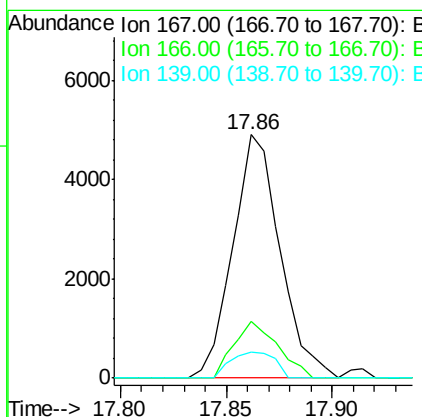
RT: 17.86 min Scan# 2557

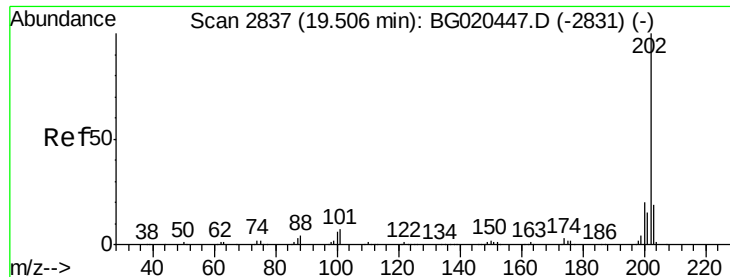
Delta R.T. -0.01 min

Lab File: BG020460.D

Acq: 24 Dec 2015 2:02

Tgt Ion:	167	Resp:	7607
Ion Ratio	Lower	Upper	
167	100		
166	23.5	17.0	25.6
139	10.6	10.1	15.1





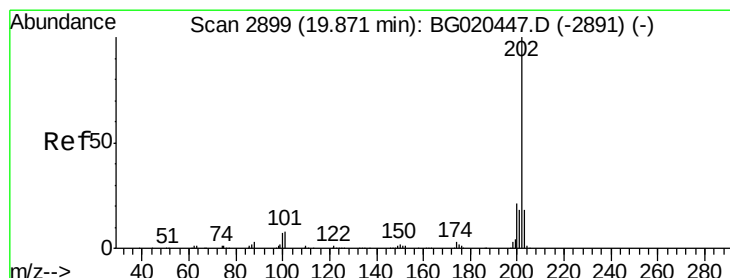
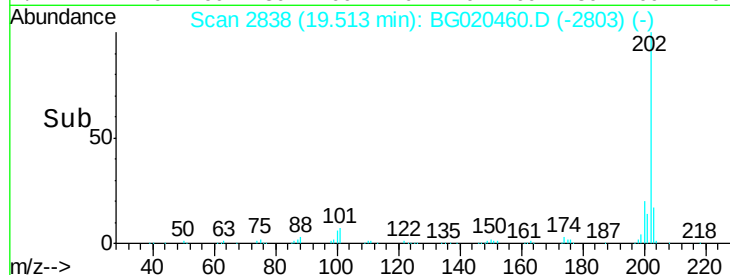
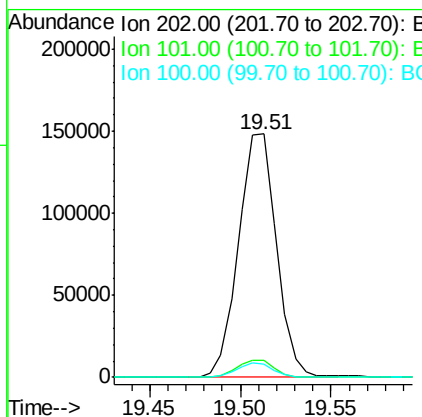
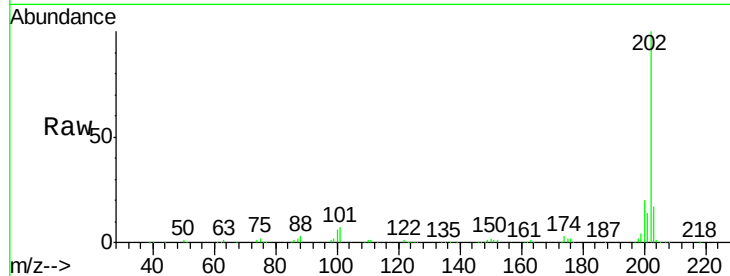
#77
 Fluoranthene
 Concen: 22.05 ng/ul
 RT: 19.51 min Scan# 2838
 Delta R.T. 0.01 min
 Lab File: BG020460.D
 Acq: 24 Dec 2015 2:02

Instrument :
 BNA_G
 ClientSampleId :
 D9N72MEDL

Tot Ion	Ion	Ratio	Resp Lower	Upper
202	100			
101	6.8	6.2	9.4	
100	5.6	5.1	7.7	

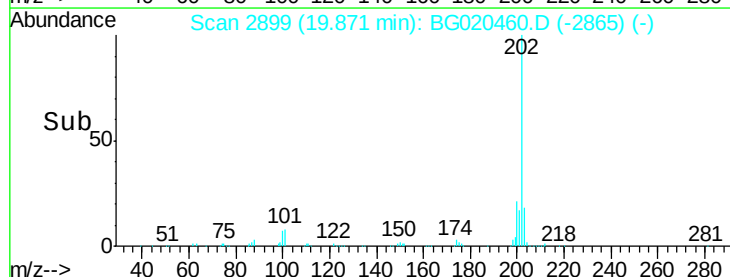
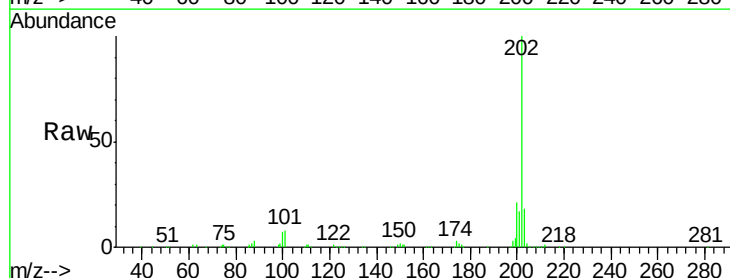
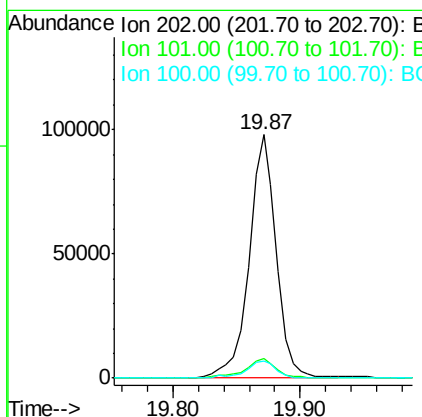
Manual Integrations
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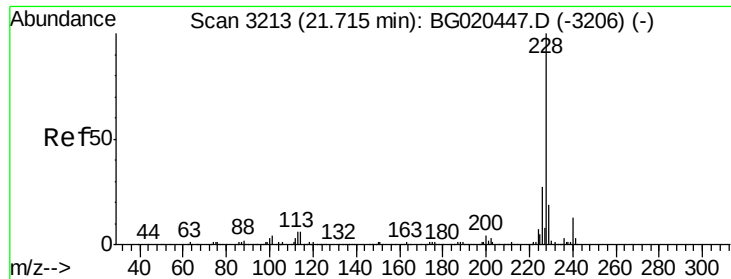
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#80
 Pyrene
 Concen: 12.49 ng/ul
 RT: 19.87 min Scan# 2899
 Delta R.T. 0.00 min
 Lab File: BG020460.D
 Acq: 24 Dec 2015 2:02

Tgt Ion	Ion	Ratio	Resp Lower	Upper
202	100			
101	8.2	7.0	10.4	
100	7.0	6.4	9.6	





#83

Benzo(a)anthracene

Concen: 3.05 ng/ul

RT: 21.72 min Scan# 3213

Delta R.T. 0.00 min

Lab File: BG020460.D

Acq: 24 Dec 2015 2:02

Instrument :

BNA_G

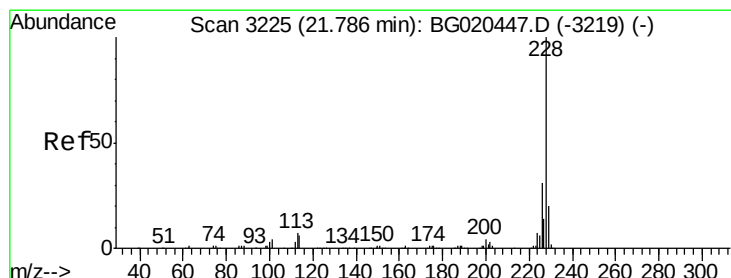
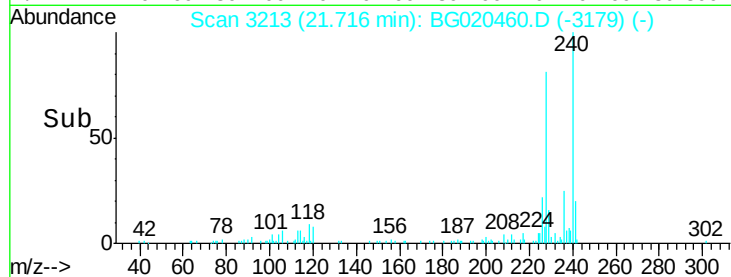
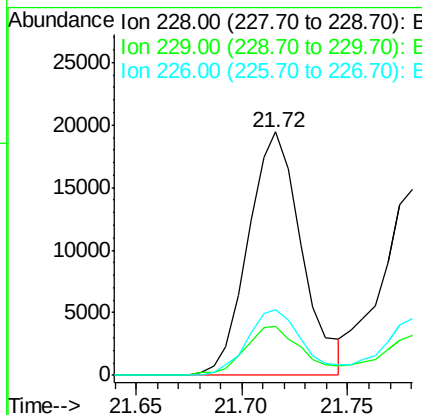
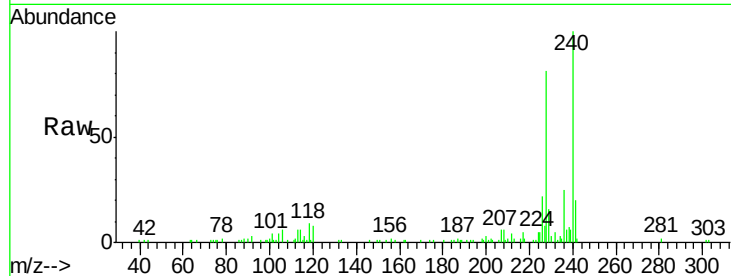
ClientSampleId :

D9N72MEDL

Tot Ion:	228	Resp:	34225
Ion Ratio	Lower	Upper	
228	100		
229	20.2	15.8	23.8
226	26.8	21.8	32.6

Manual Integrations
APPROVED

Sohil
12/24/2015 5:31:33 PM



#85

Chrysene

Concen: 2.72 ng/ul

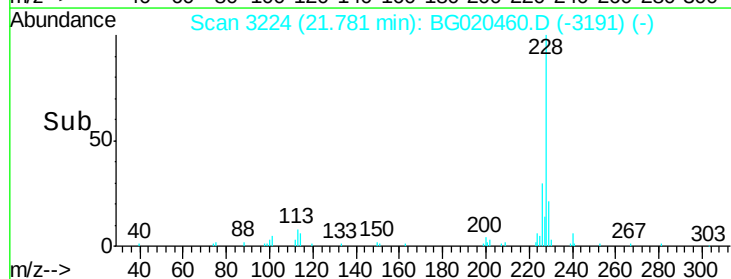
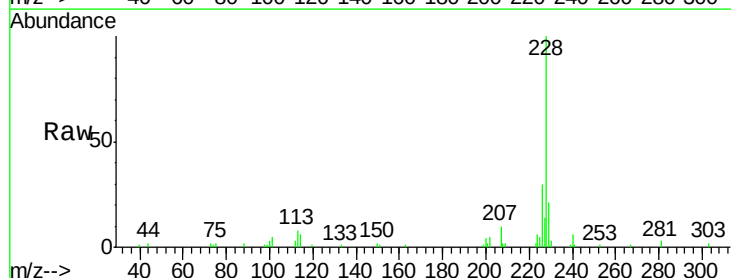
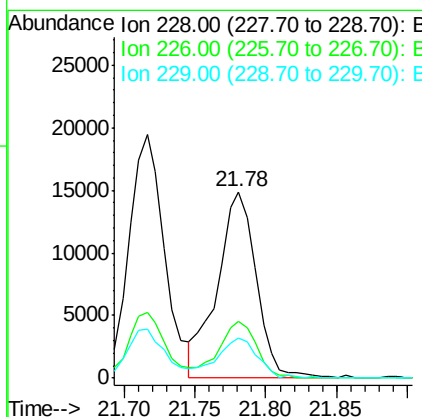
RT: 21.78 min Scan# 3224

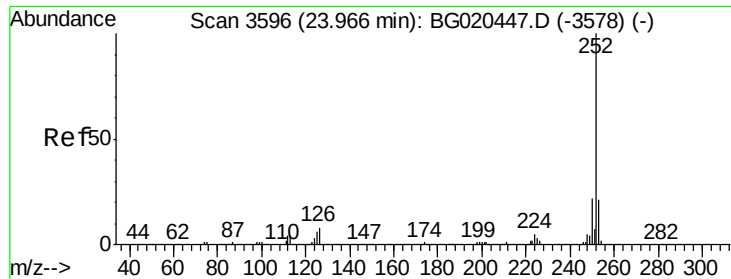
Delta R.T. -0.01 min

Lab File: BG020460.D

Acq: 24 Dec 2015 2:02

Tgt Ion:	228	Resp:	28765
Ion Ratio	Lower	Upper	
228	100		
226	30.3	23.9	35.9
229	21.3	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 1.56 ng/ul

RT: 23.96 min Scan# 3595

Delta R.T. -0.01 min

Lab File: BG020460.D

Acq: 24 Dec 2015 2:02

Instrument :

BNA_G

ClientSampleId :

D9N72MEDL

Tot Ion:	252	Resp:	16633
Ion Ratio	Lower	Upper	
252	100		
253	24.5	16.7	25.1
125	6.3	6.2	9.2

Manual Integrations
APPROVED

Sohil
12/24/2015 5:31:33 PM

