

Data Path : Z:\HPCHEM1\BNA G\Data\BG121815\
 Data File : BG020263.D
 Acq On : 18 Dec 2015 2:42
 Operator : UM/SJ
 Sample : G4767-21DL 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleID :
 D9N43DL

Manual Integrations
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Quant Time: Dec 29 08:22:24 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 18 02:40:02 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	16193	20.00	ng/ul	0.00
18) Naphthalene-d8	10.91	136	66655	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.72	164	49395	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.47	188	134073	20.00	ng/ul	0.00
78) Chrysene-d12	21.75	240	181596	20.00	ng/ul	0.00
86) Perylene-d12	25.02	264	175942	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	3655	2.56	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.41	67	2450	2.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.62	132	2920	2.81	ng/ul	0.00
13) 4-Methylphenol-d8	8.80	113	3096	2.54	ng/ul	0.00
19) Nitrobenzene-d5	9.26	128	1589	3.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.99	143	1820	3.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.53	165	3363	2.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.05	131	4519	3.44	ng/ul	0.00
44) Dimethylphthalate-d6	14.12	166	13687	3.43	ng/ul	0.00
47) Acenaphthylene-d8	14.42	160	13494	2.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.92	143	1314	1.83	ng/ul	0.00
58) Fluorene-d10	15.71	176	10517	2.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	906	1.14	ng/ul	0.00
71) Anthracene-d10	17.57	188	18618	3.01	ng/ul	0.00
79) Pyrene-d10	19.85	212	22248	2.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.79	264	23291	2.65	ng/ul	0.00

Target Compounds

						Ovalue
28) Naphthalene	10.96	128	103325	29.68	ng/ul	97
34) 2-Methylnaphthalene	12.56	142	27315	10.27	ng/ul	92
41) 1,1'-Biphenyl	13.56	154	10257	2.75	ng/ul	96
45) Dimethylphthalate	14.17	163	6368	1.56	ng/ul	96
50) Acenaphthene	14.79	153	46747	14.07	ng/ul	99
54) Dibenzofuran	15.12	168	50425	10.20	ng/ul	100
59) Fluorene	15.77	166	46946	11.83	ng/ul	98
70) Phenanthrene	17.52	178	238004	32.45	ng/ul	98
72) Anthracene	17.60	178	18264m	2.46	ng/ul	
75) Carbazole	17.87	167	17185	2.75	ng/ul	99
77) Fluoranthene	19.52	202	149402	17.43	ng/ul	97
80) Pyrene	19.88	202	101275	9.21	ng/ul	98
83) Benzo(a)anthracene	21.72	228	24140	2.28	ng/ul	99
85) Chrysene	21.79	228	20527	2.06	ng/ul	95

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

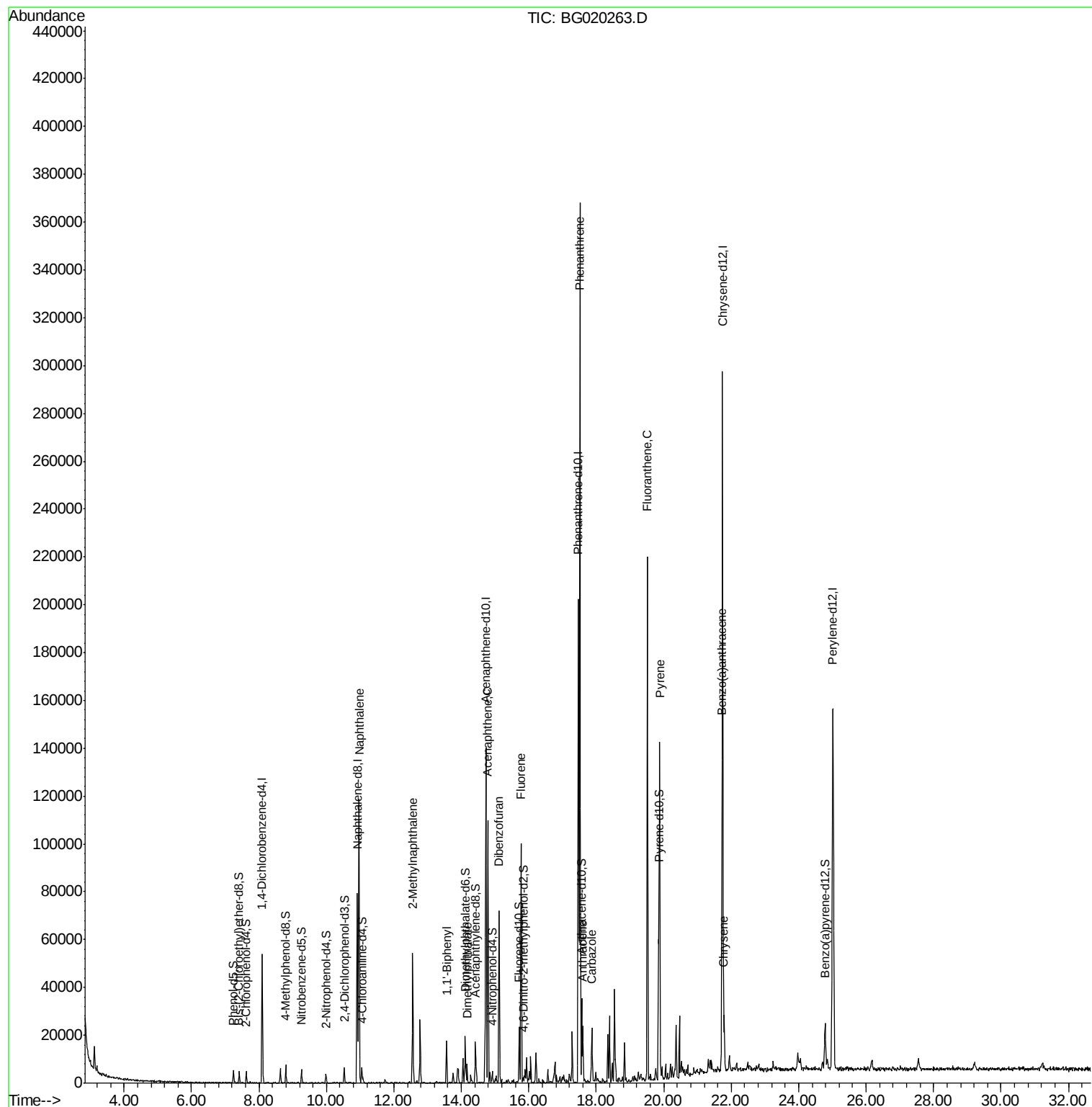
Data Path : Z:\HPCHEM1\BNA G\Data\BG121815\
Data File : BG020263.D
Acq On : 18 Dec 2015 2:42
Operator : UM/SJ
Sample : G4767-21DL 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

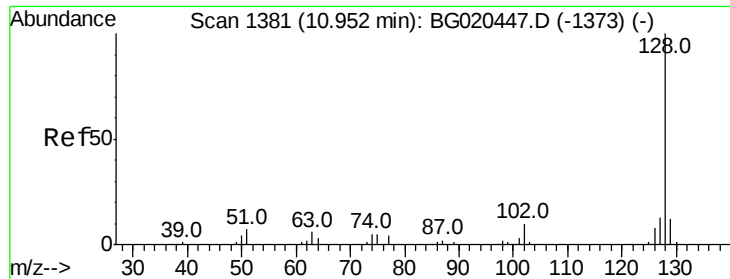
Instrument :
BNA_G
ClientSampleId :
D9N43DL

Quant Time: Dec 29 08:22:24 2015
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
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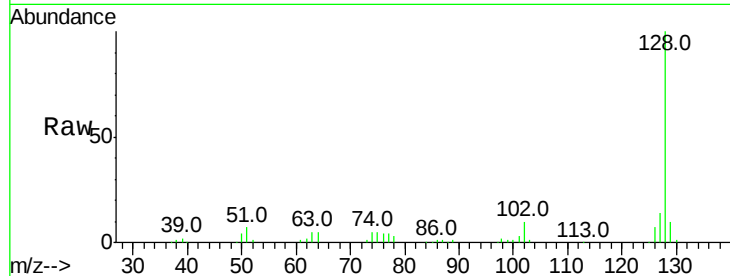
#28
Naphthalene
Concen: 29.68 ng/ul
RT: 10.96 min Scan# 1383
Delta R.T. 0.00 min
Lab File: BG020263.D
Acq: 18 Dec 2015 2:42

Instrument :
BNA_G
ClientSampleId :
D9N43DL

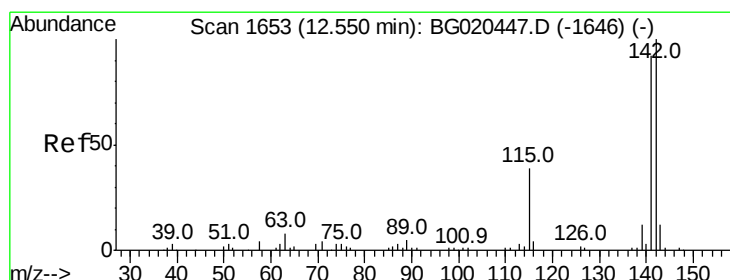
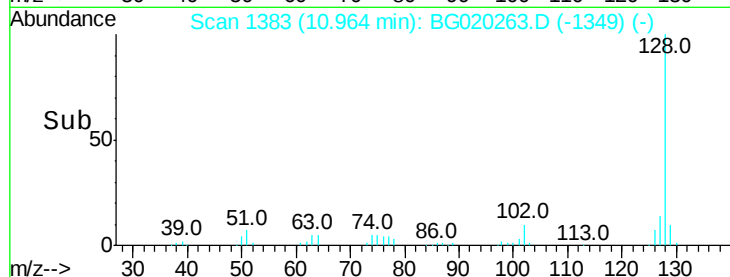
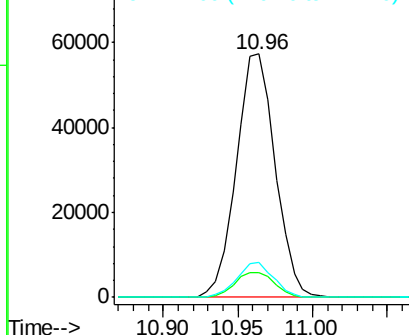
Tot Ion	Ratio	Resp	Lower	Upper
128	100	103325		
129	10.3		8.6	12.8
127	14.4		10.1	15.1

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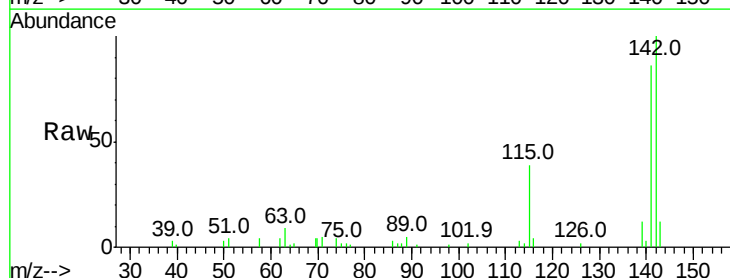


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

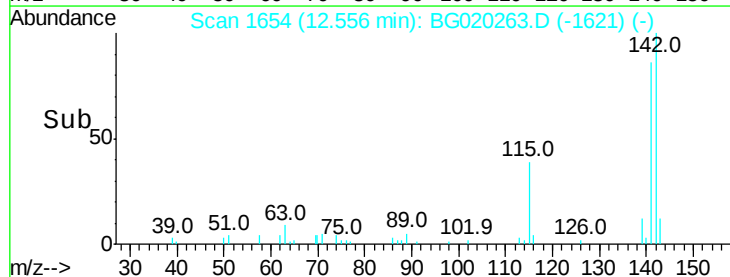
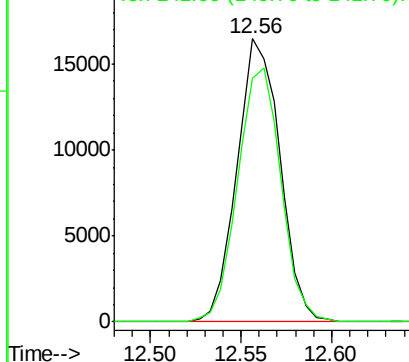


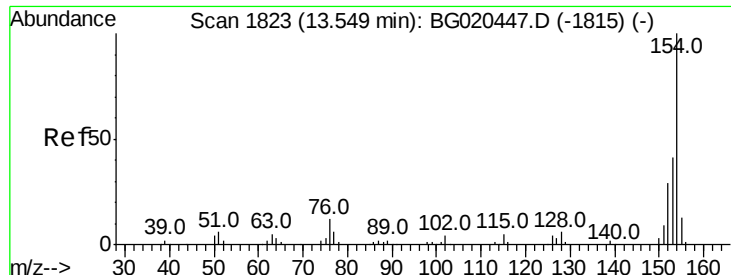
#34
2-Methylnaphthalene
Concen: 10.27 ng/ul
RT: 12.56 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG020263.D
Acq: 18 Dec 2015 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	27315		
141	86.0		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: 2.75 ng/ul

RT: 13.56 min Scan# 1824

Delta R.T. -0.01 min

Lab File: BG020263.D

Acq: 18 Dec 2015 2:42

Instrument :

BNA_G

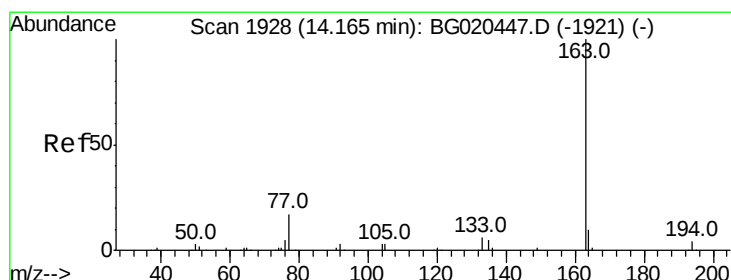
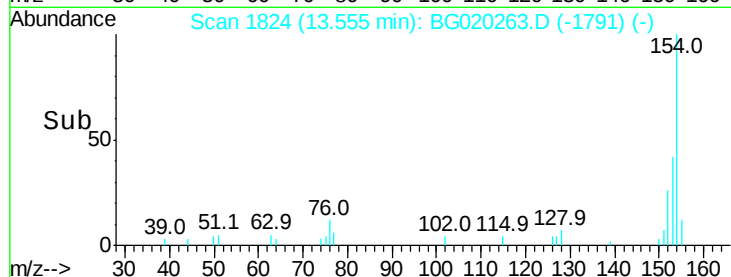
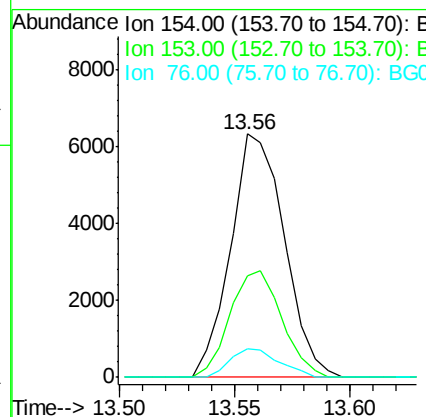
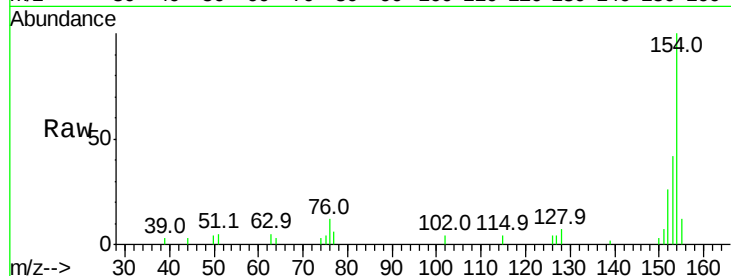
ClientSampleId :

D9N43DL

Tot Ion:	154	Resp:	10257
Ion Ratio	Lower	Upper	
154	100		
153	41.7	35.5	53.3
76	11.7	10.4	15.6

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#45

Dimethylphthalate

Concen: 1.56 ng/ul

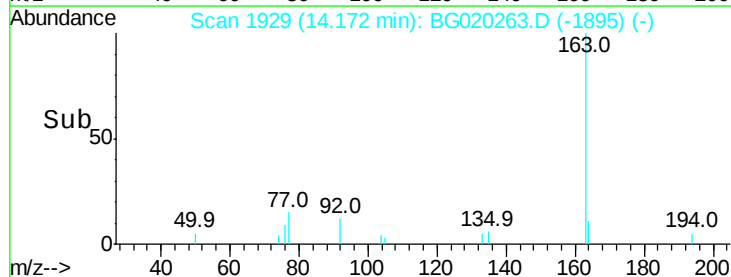
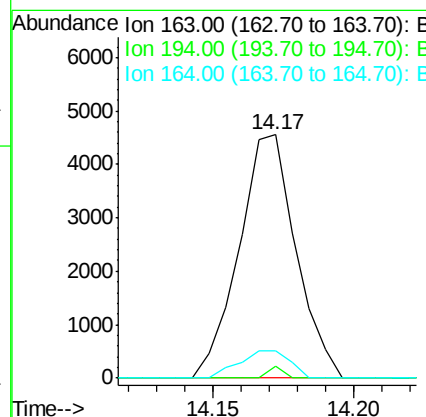
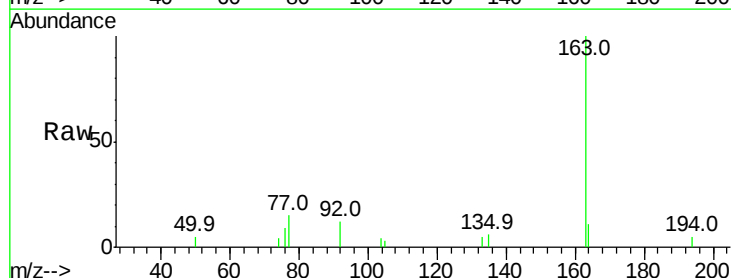
RT: 14.17 min Scan# 1929

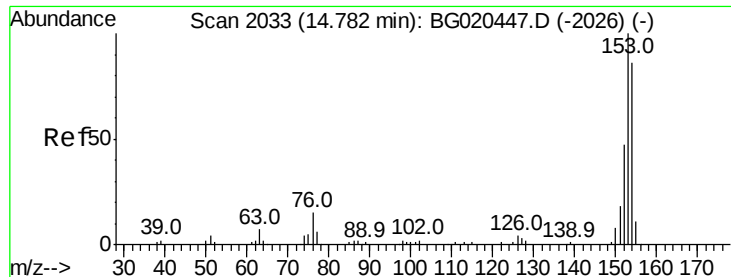
Delta R.T. 0.00 min

Lab File: BG020263.D

Acq: 18 Dec 2015 2:42

Tgt Ion:	163	Resp:	6368
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.5	5.3
164	11.3	7.7	11.5





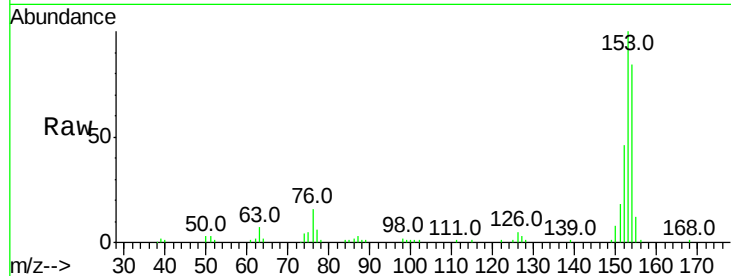
#50
Acenaphthene
Concen: 14.07 ng/ul
RT: 14.79 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BG020263.D
Acq: 18 Dec 2015 2:42

Instrument :
BNA_G
ClientSampleId :
D9N43DL

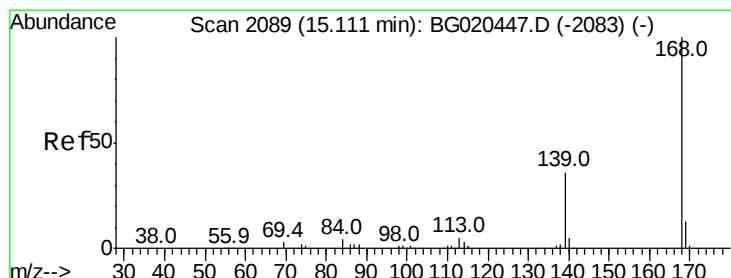
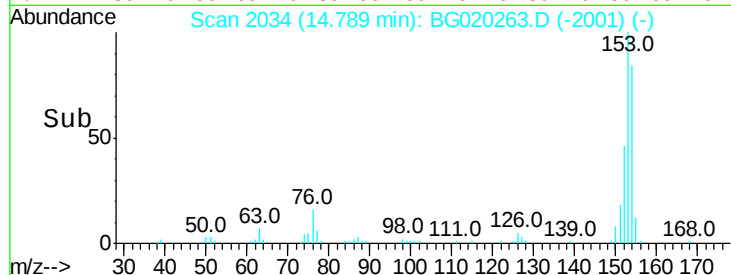
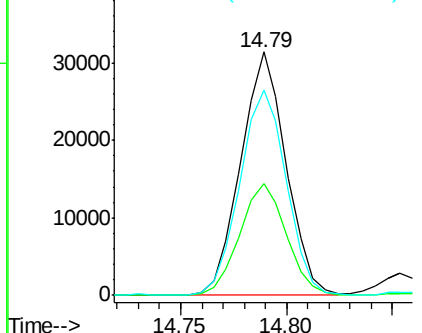
Tot Ion	Ratio	Lower	Upper
153	100		
152	45.8	37.6	56.4
154	84.3	67.9	101.9

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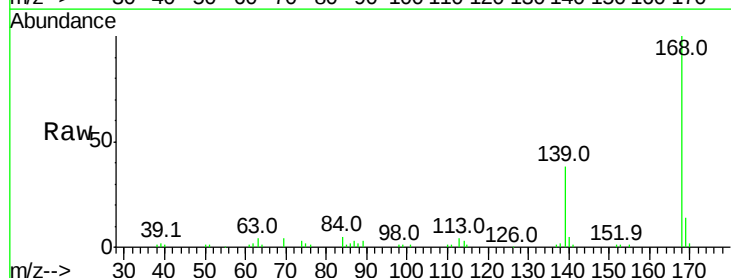


Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E

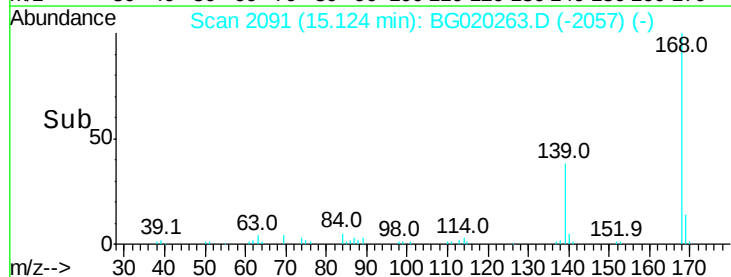
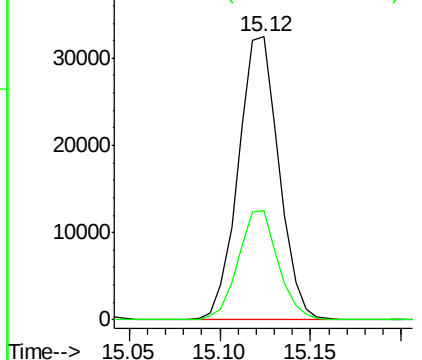


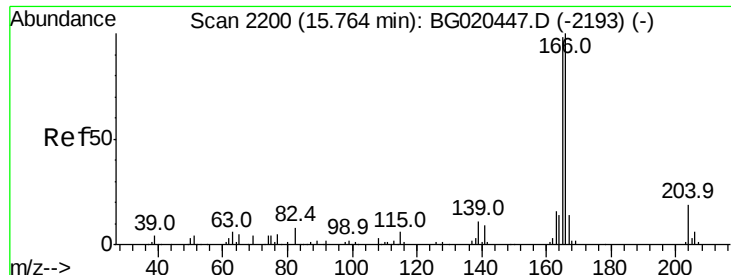
#54
Dibenzofuran
Concen: 10.20 ng/ul
RT: 15.12 min Scan# 2091
Delta R.T. 0.00 min
Lab File: BG020263.D
Acq: 18 Dec 2015 2:42

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.4	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: 11.83 ng/ul

RT: 15.77 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG020263.D

Acq: 18 Dec 2015 2:42

Instrument :

BNA_G

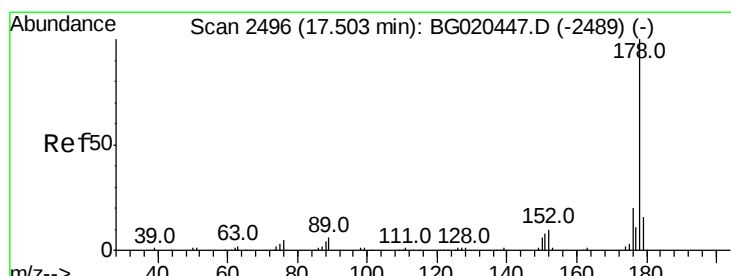
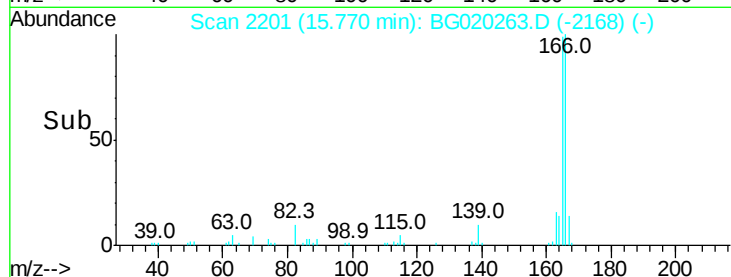
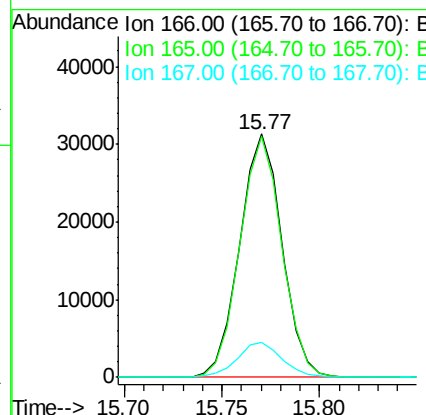
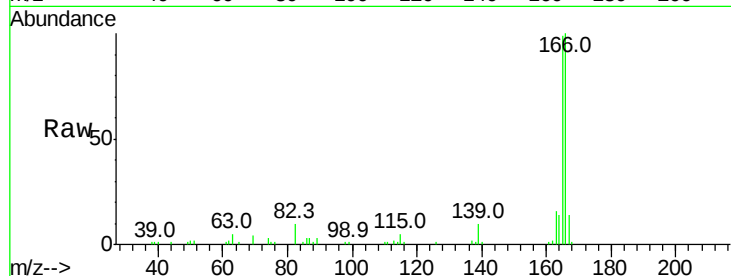
ClientSampleId :

D9N43DL

Tot Ion:	166	Resp:	46946
Ion Ratio	Lower	Upper	
166	100		
165	99.0	81.4	122.0
167	14.5	11.2	16.8

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#70

Phenanthrene

Concen: 32.45 ng/ul

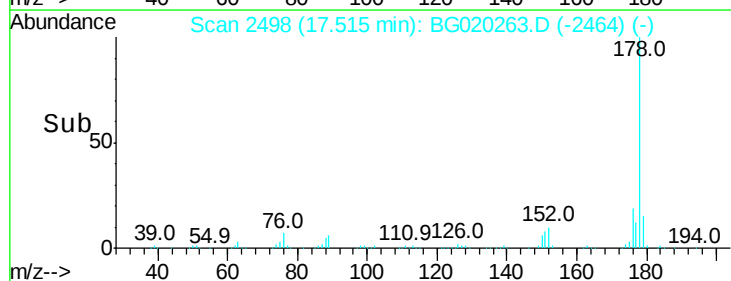
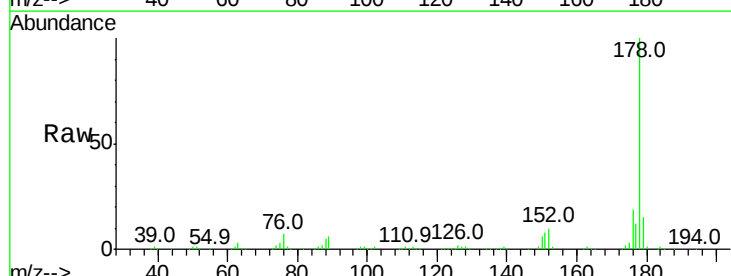
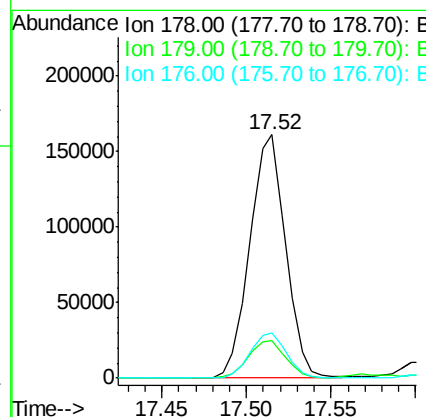
RT: 17.52 min Scan# 2498

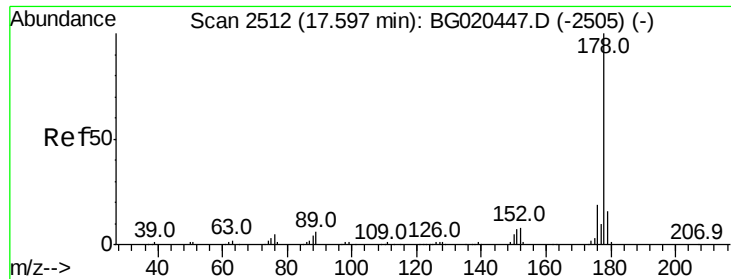
Delta R.T. 0.00 min

Lab File: BG020263.D

Acq: 18 Dec 2015 2:42

Tgt Ion:	178	Resp:	238004
Ion Ratio	Lower	Upper	
178	100		
179	15.3	12.9	19.3
176	18.5	15.3	22.9





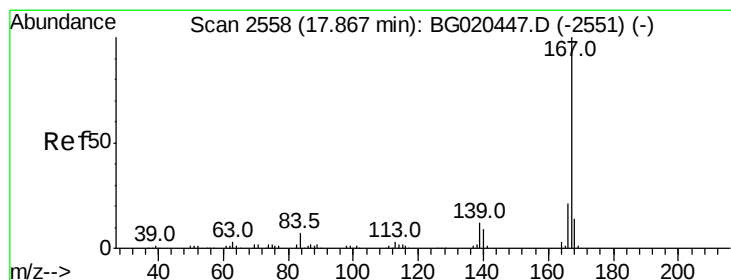
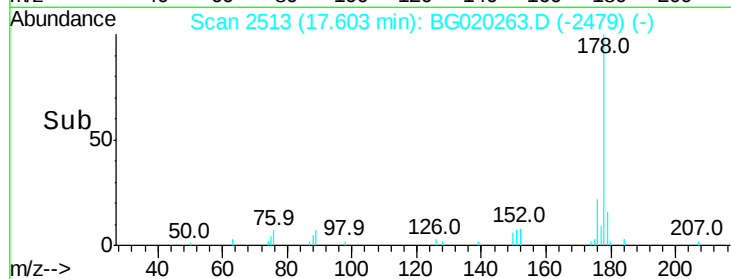
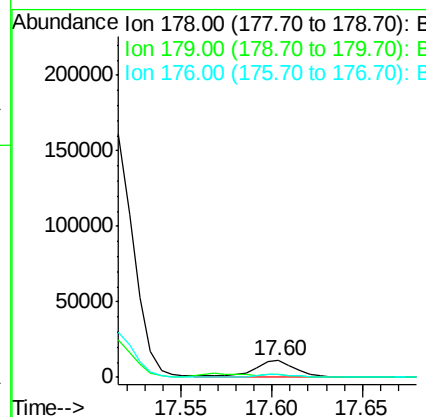
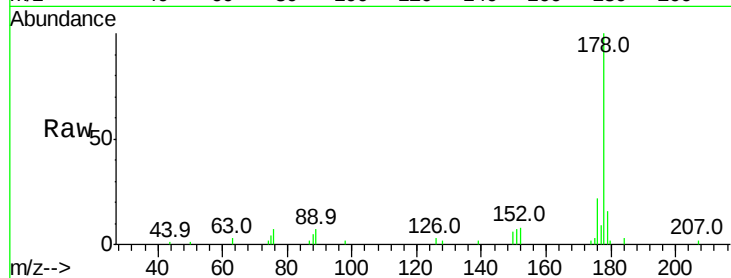
#72
 Anthracene
 Concen: 2.46 ng/ul m
 RT: 17.60 min Scan# 2513
 Delta R.T. 0.00 min
 Lab File: BG020263.D
 Acq: 18 Dec 2015 2:42

Instrument :
 BNA_G
 ClientSampleId :
 D9N43DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	21.5	14.3	21.5#

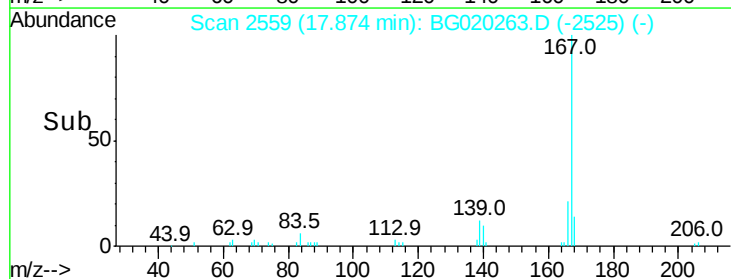
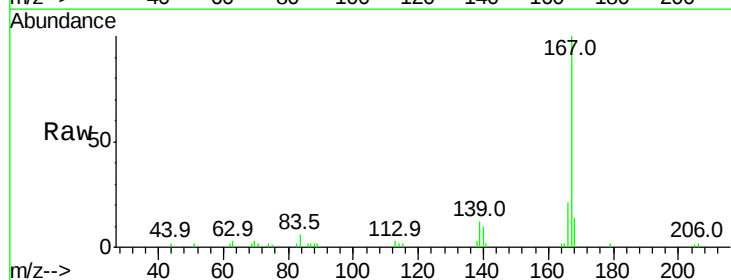
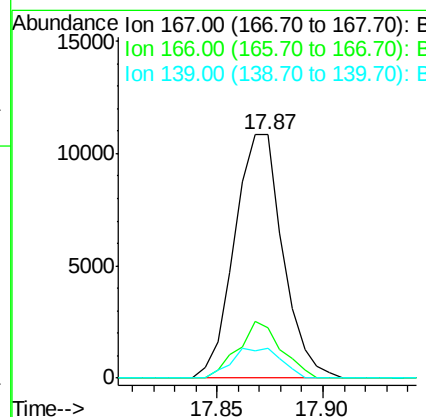
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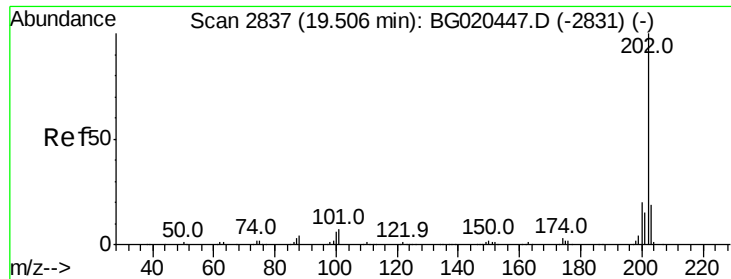
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#75
 Carbazole
 Concen: 2.75 ng/ul
 RT: 17.87 min Scan# 2559
 Delta R.T. 0.00 min
 Lab File: BG020263.D
 Acq: 18 Dec 2015 2:42

Tgt Ion	Ratio	Lower	Upper
167	100		
166	20.9	17.0	25.6
139	12.4	10.1	15.1





#77

Fluoranthene

Concen: 17.43 ng/ul

RT: 19.52 min Scan# 2839

Delta R.T. 0.00 min

Lab File: BG020263.D

Acq: 18 Dec 2015 2:42

Instrument :

BNA_G

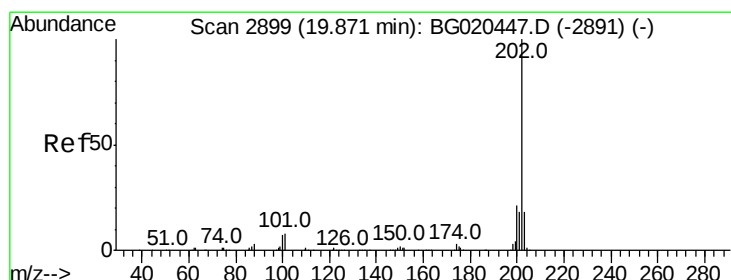
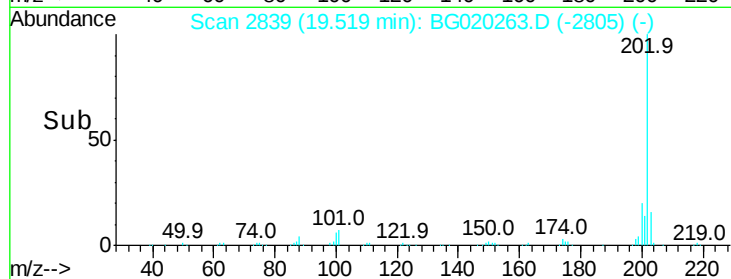
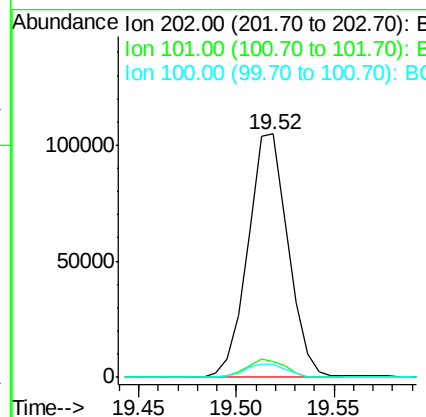
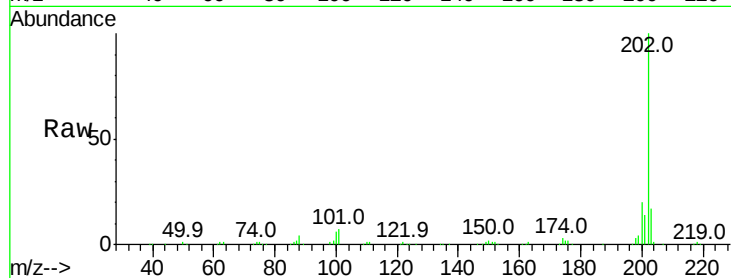
ClientSampleId :

D9N43DL

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		149402		
101	6.7	6.2	9.4		
100	5.7	5.1	7.7		

Manual Integrations
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#80

Pyrene

Concen: 9.21 ng/ul

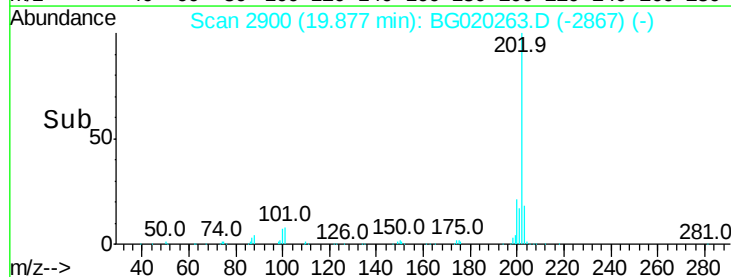
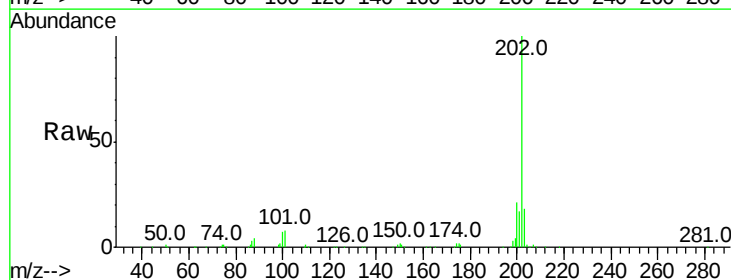
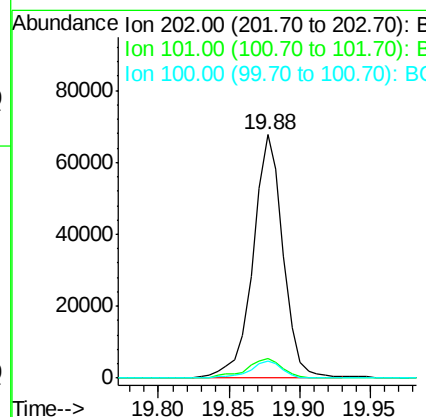
RT: 19.88 min Scan# 2900

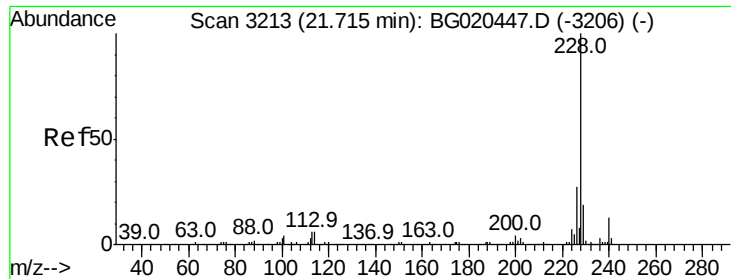
Delta R.T. -0.01 min

Lab File: BG020263.D

Acq: 18 Dec 2015 2:42

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100		101275		
101	8.0	7.0	10.4		
100	7.0	6.4	9.6		





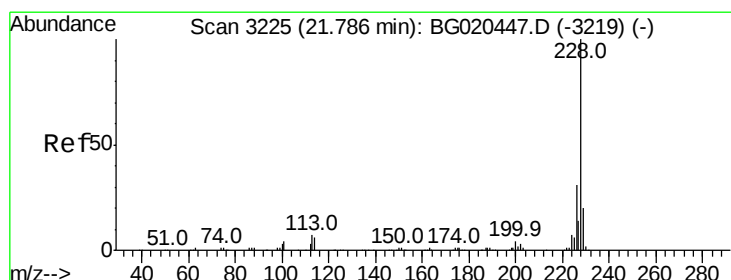
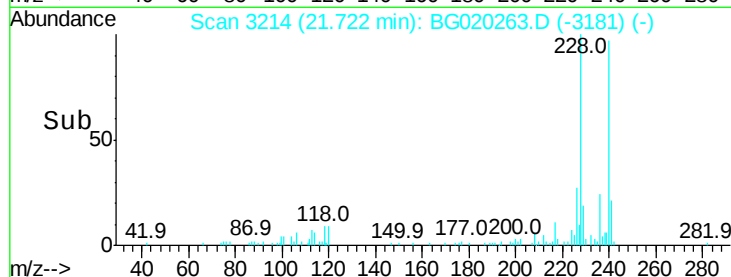
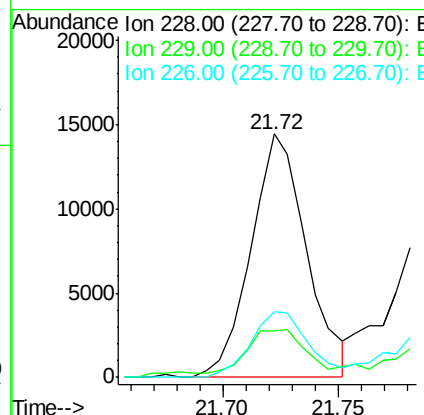
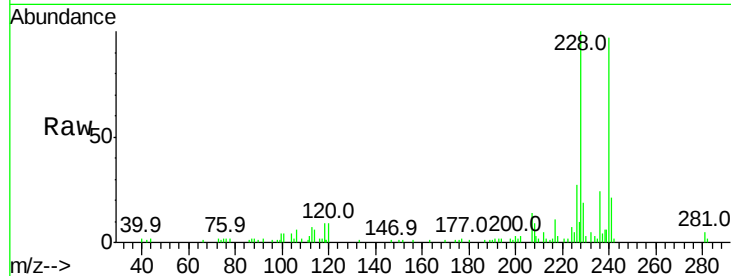
#83
Benzo(a)anthracene
Concen: 2.28 ng/ul
RT: 21.72 min Scan# 3214
Delta R.T. -0.01 min
Lab File: BG020263.D
Acq: 18 Dec 2015 2:42

Instrument :
BNA_G
ClientSampleId :
D9N43DL

Tot Ion	Ratio	Resp	Lower	Upper
228	100	24140		
229	18.9	15.8	23.8	
226	27.1	21.8	32.6	

Manual Integrations
APPROVED

MMdadoda
12/18/2015 6:20:23 PM



#85
Chrysene
Concen: 2.06 ng/ul
RT: 21.79 min Scan# 3225
Delta R.T. -0.01 min
Lab File: BG020263.D
Acq: 18 Dec 2015 2:42

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	20527		
226	31.4	23.9	35.9	
229	23.2	15.6	23.4	

