

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
 Data File : BG020724.D
 Acq On : 14 Jan 2016 6:46
 Operator : SJ/IZ
 Sample : H1096-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC938

Manual Integrations
 APPROVED

MMdadoda
 1/14/2016 5:57:50 PM

Quant Time: Jan 14 11:29:12 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jan 13 07:56:00 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	21407	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	93238	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	67864	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	167140	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	199629	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	190827	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	626	1.43	ng/uL	0.00
5) Phenol-d5	7.20	99	16361	8.92	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	11860	10.75	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	14874	10.34	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	5728	3.70	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	8384	11.40	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	9099	10.64	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	16178	9.94	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	5769	3.58	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	66872	11.29	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	78941	11.87	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	5093	6.40	ng/ul	0.00
58) Fluorene-d10	15.67	176	62907	11.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	8175	8.99	ng/ul	0.00
71) Anthracene-d10	17.53	188	99843	12.19	ng/ul	0.00
79) Pyrene-d10	19.81	212	116710	12.29	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.74	264	126340	12.42	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.13	163	22730	3.57	ng/ul	99
50) Acenaphthene	14.74	153	4989	1.03	ng/ul	95
59) Fluorene	15.72	166	7055	1.19	ng/ul	97
70) Phenanthrene	17.47	178	200932	20.21	ng/ul	99
72) Anthracene	17.56	178	22157	2.21	ng/ul	98
77) Fluoranthene	19.48	202	363028	30.03	ng/ul	99
80) Pyrene	19.84	202	513296	40.55	ng/ul	98
83) Benzo(a)anthracene	21.69	228	223455	17.94	ng/ul	97
85) Chrysene	21.75	228	265669	22.56	ng/ul	96
88) Benzo(b)fluoranthene	23.93	252	256725	20.88	ng/ul#	99
89) Benzo(k)fluoranthene	23.98	252	77347m	6.37	ng/ul	
91) Benzo(a)pyrene	24.81	252	221879	18.76	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.68	276	141004	10.10	ng/ul	98
93) Dibenzo(a,h)anthracene	28.71	278	41765	3.63	ng/ul#	92
94) Benzo(g,h,i)perylene	29.86	276	146581	12.73	ng/ul	98

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

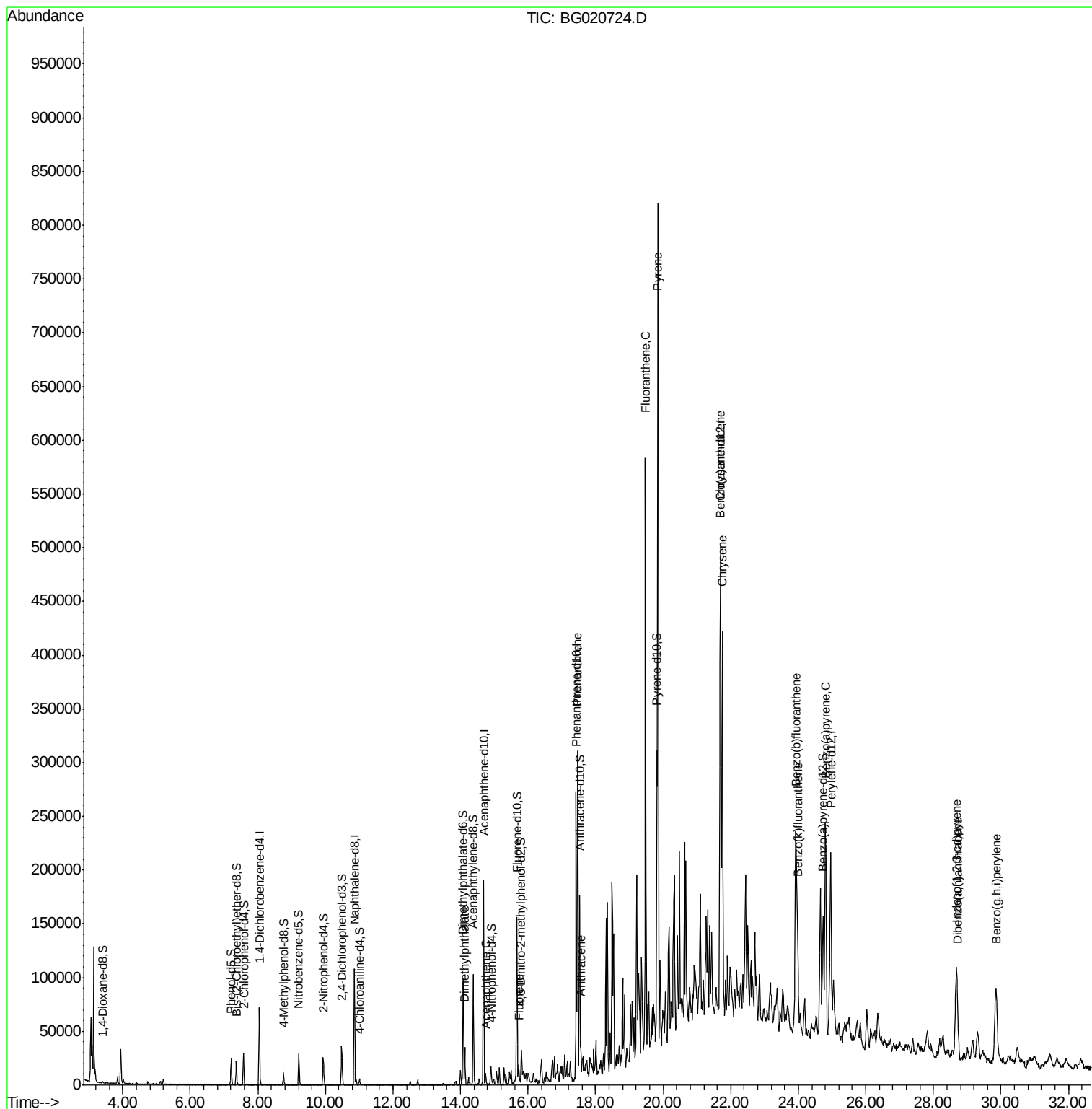
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011316\
Data File : BG020724.D
Acq On : 14 Jan 2016 6:46
Operator : SJ/IZ
Sample : H1096-08
Misc :
ALS Vial : 21 Sample Multiplier: 1

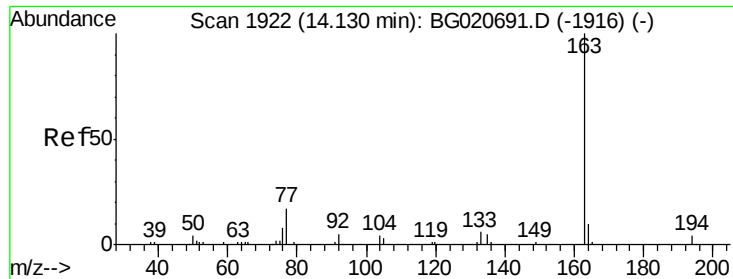
Instrument :
BNA_G
ClientSampled :
BC938

Manual Integrations
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Quant Time: Jan 14 11:29:12 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jan 13 07:56:00 2016
Response via : Initial Calibration





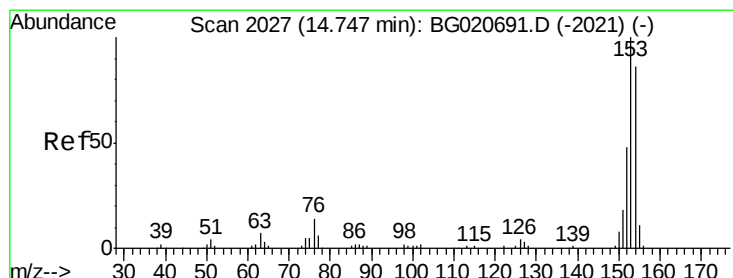
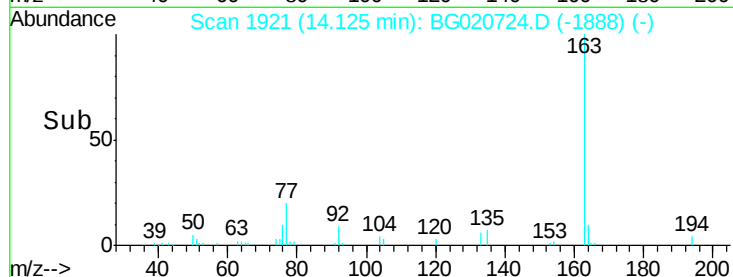
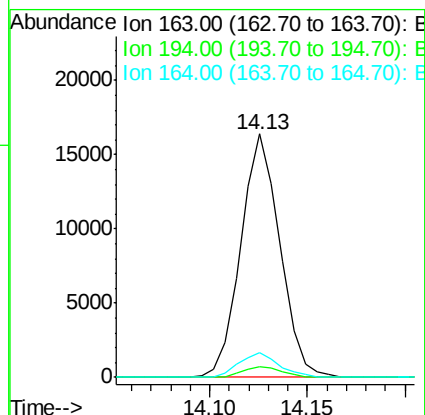
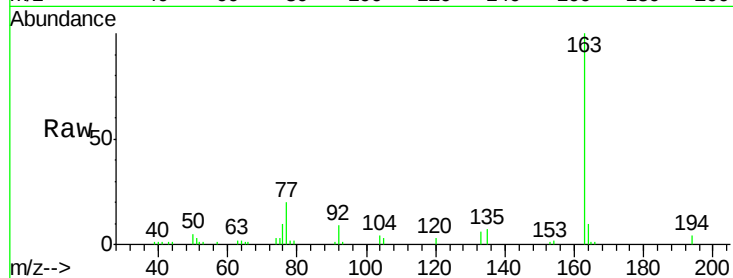
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Dimethylphthalate
Concen: 3.57 ng/ul
RT: 14.13 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG020724.D
Acq: 14 Jan 2016 6:46

Instrument :
BNA_G
ClientSampleId :
BC938

Tgt Ion:	163	Resp:	22730
Ion Ratio	Lower	Upper	
163	100		
194	4.3	4.0	6.0
164	10.3	8.4	12.6

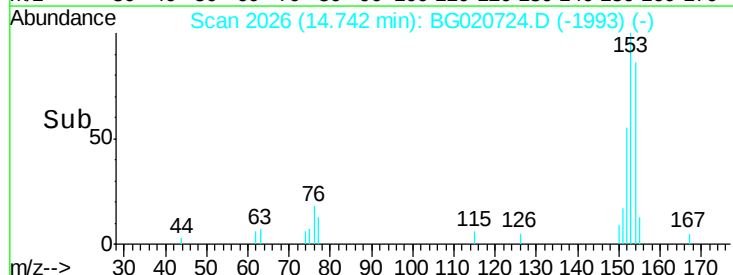
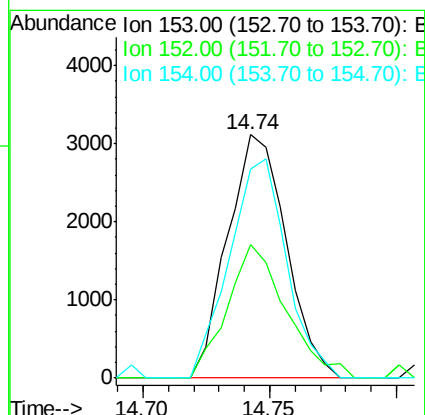
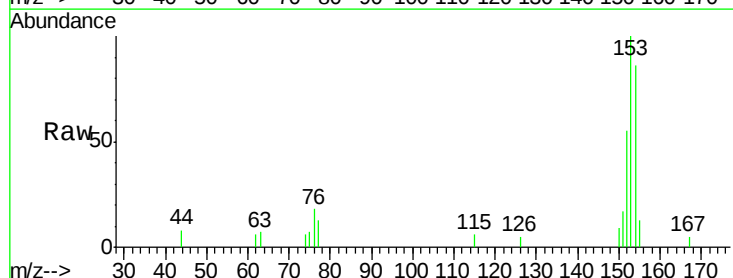
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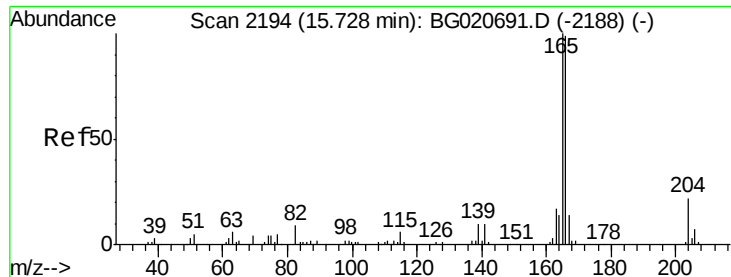
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#50
Acenaphthene
Concen: 1.03 ng/ul
RT: 14.74 min Scan# 2026
Delta R.T. -0.00 min
Lab File: BG020724.D
Acq: 14 Jan 2016 6:46

Tgt Ion:	153	Resp:	4989
Ion Ratio	Lower	Upper	
153	100		
152	54.9	37.9	56.9
154	86.0	69.8	104.6





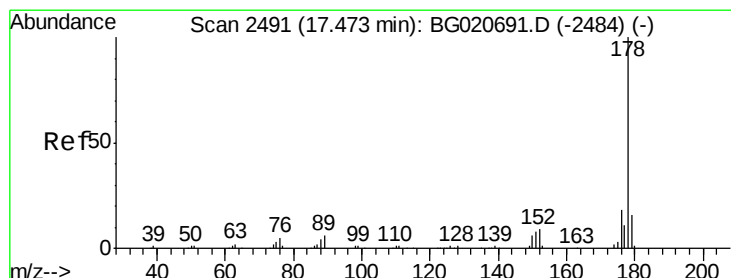
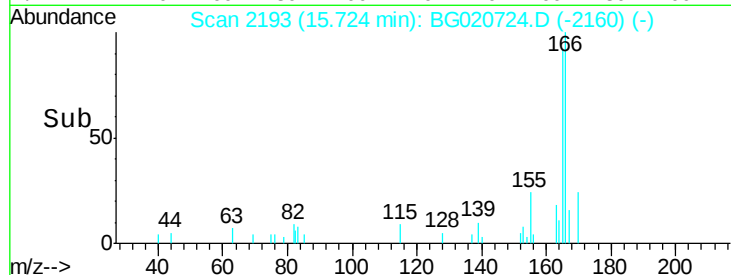
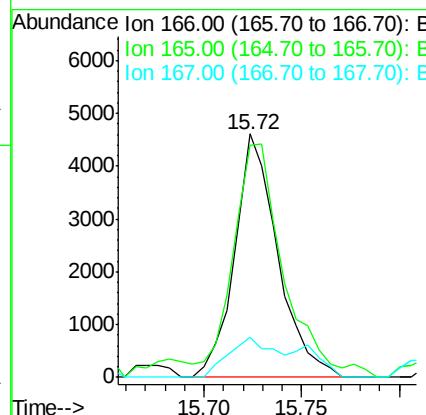
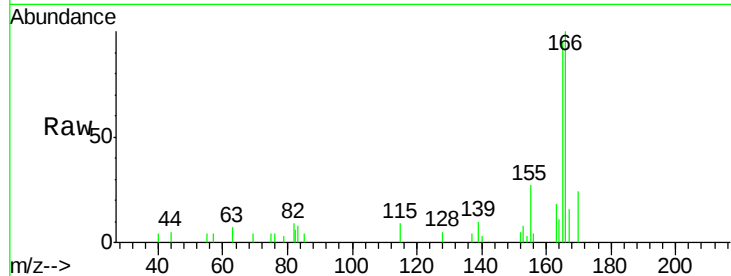
#59
Fluorene
Concen: 1.19 ng/ul
RT: 15.72 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG020724.D
Acq: 14 Jan 2016 6:46

Instrument :
BNA_G
ClientSampleId :
BC938

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	78.4	117.6
167	16.4	11.1	16.7

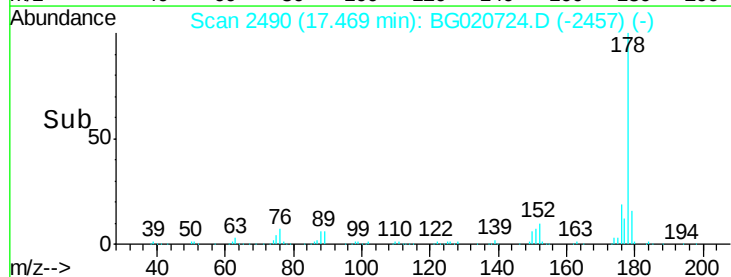
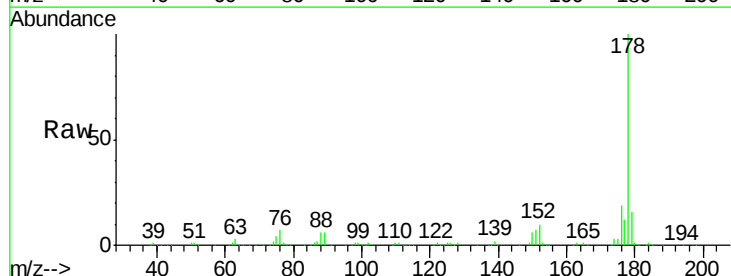
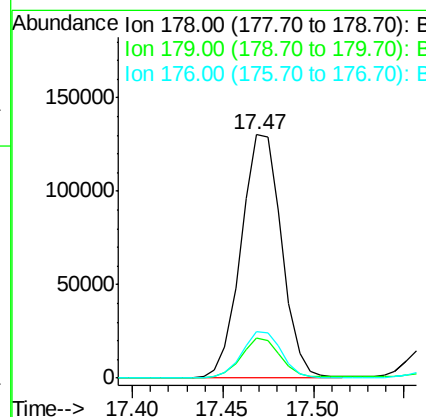
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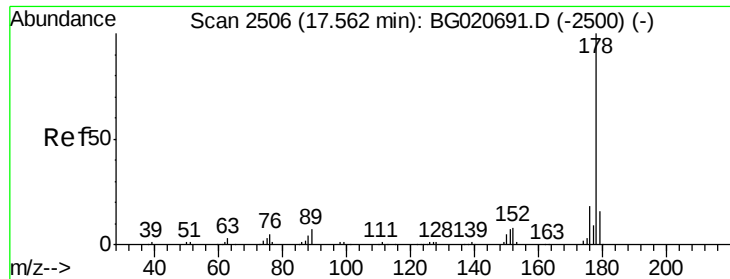
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#70
Phenanthrene
Concen: 20.21 ng/ul
RT: 17.47 min Scan# 2490
Delta R.T. -0.00 min
Lab File: BG020724.D
Acq: 14 Jan 2016 6:46

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	19.1	15.4	23.0





#72

Anthracene

Concen: 2.21 ng/ul

RT: 17.56 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG020724.D

Acq: 14 Jan 2016 6:46

Instrument :

BNA_G

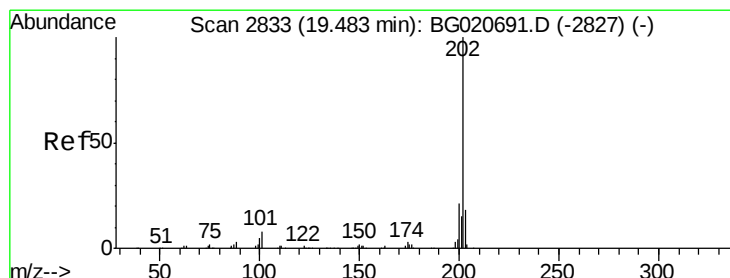
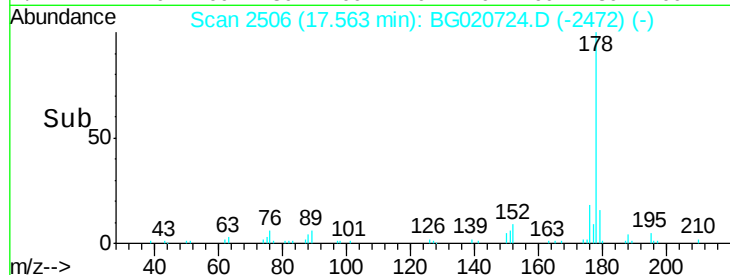
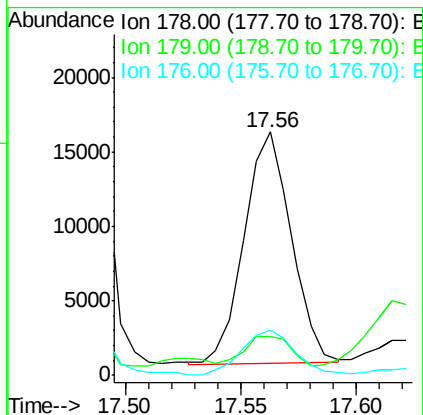
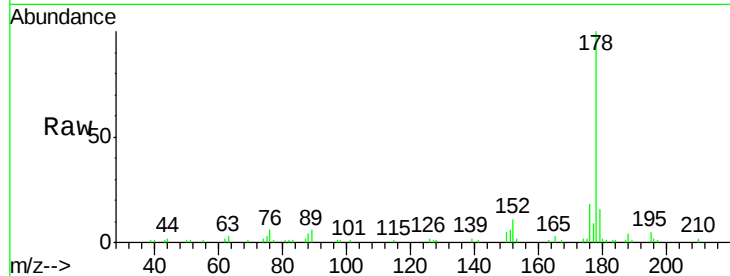
ClientSampleId :

BC938

Tgt Ion:	178	Resp:	22157
Ion Ratio	Lower	Upper	
178	100		
179	16.1	13.4	20.2
176	18.5	15.4	23.0

Manual Integrations
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#77

Fluoranthene

Concen: 30.03 ng/ul

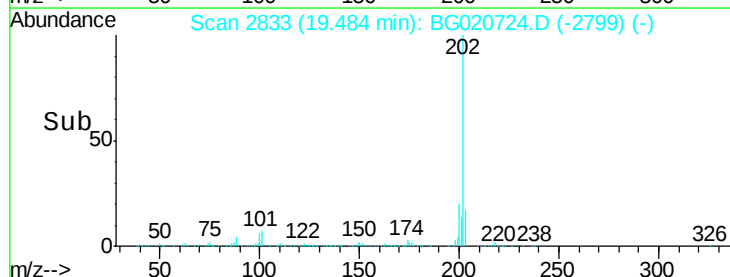
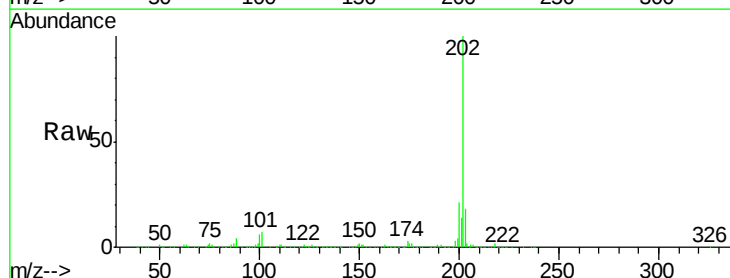
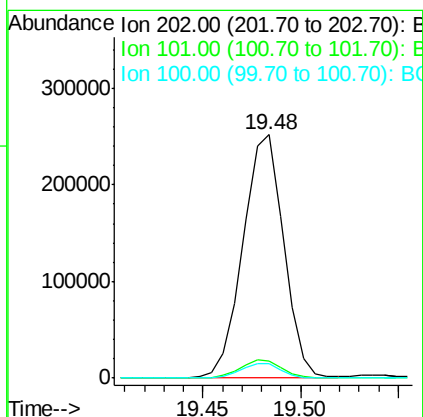
RT: 19.48 min Scan# 2833

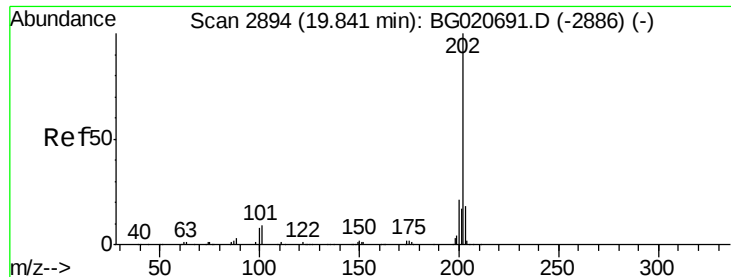
Delta R.T. 0.00 min

Lab File: BG020724.D

Acq: 14 Jan 2016 6:46

Tgt Ion:	202	Resp:	363028
Ion Ratio	Lower	Upper	
202	100		
101	7.2	6.1	9.1
100	5.9	4.6	7.0





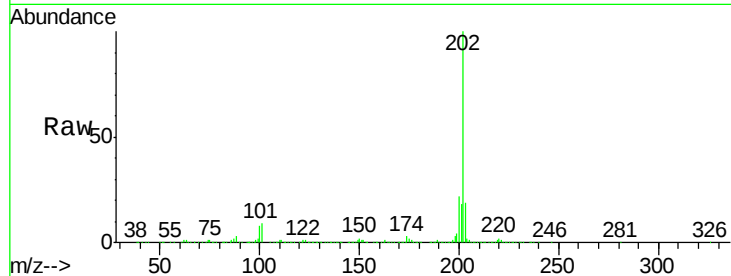
#80
 Pyrene
 Concen: 40.55 ng/ul
 RT: 19.84 min Scan# 2894
 Delta R.T. 0.00 min
 Lab File: BG020724.D
 Acq: 14 Jan 2016 6:46

Instrument :
 BNA_G
 ClientSampleId :
 BC938

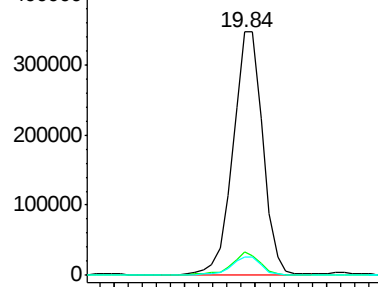
Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.5	6.9	10.3
100	7.6	5.6	8.4

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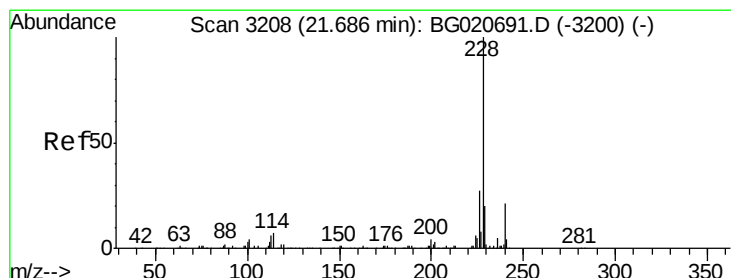
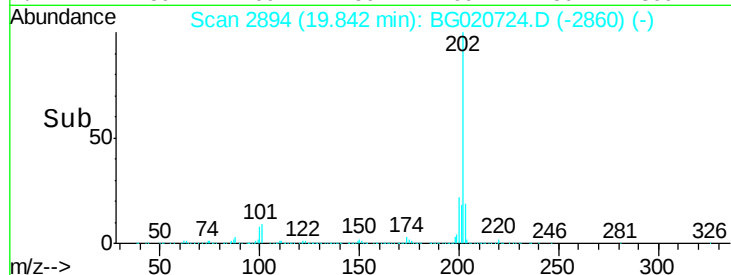
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Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B



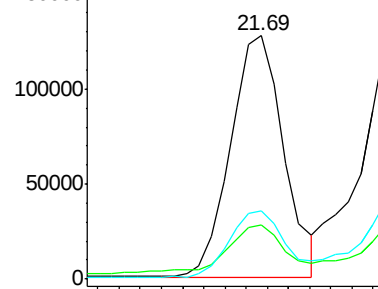
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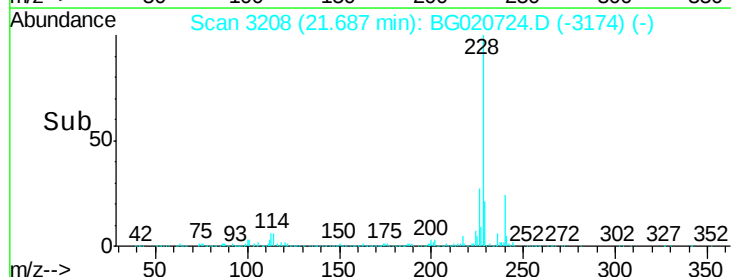
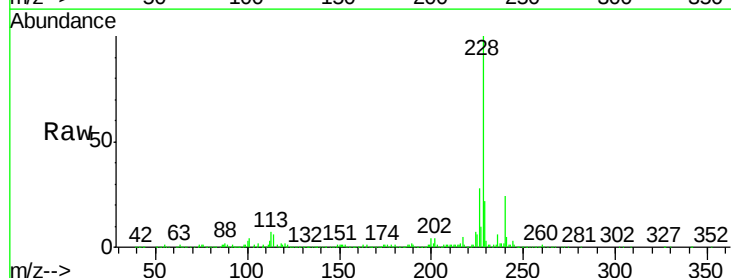
#83
 Benzo(a)anthracene
 Concen: 17.94 ng/ul
 RT: 21.69 min Scan# 3208
 Delta R.T. 0.00 min
 Lab File: BG020724.D
 Acq: 14 Jan 2016 6:46

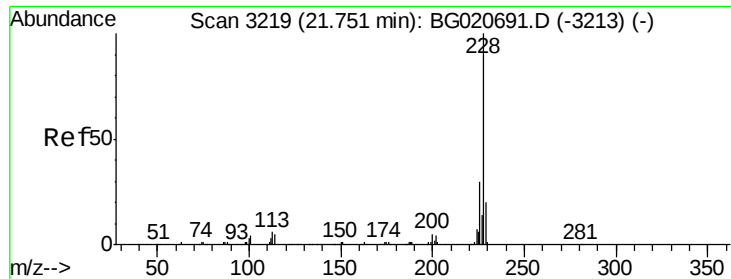
Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	22.5	16.0	24.0
226	27.8	21.8	32.8

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



Time-->





#85

Chrysene

Concen: 22.56 ng/ul

RT: 21.75 min Scan# 3219

Delta R.T. 0.00 min

Lab File: BG020724.D

Acq: 14 Jan 2016 6:46

Instrument :

BNA_G

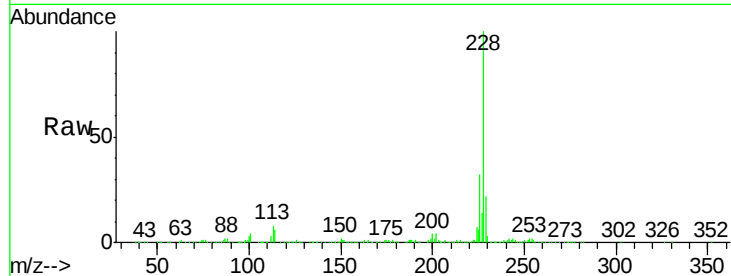
ClientSampleId :

BC938

Tgt Ion:	228	Resp:	265669
Ion Ratio	Lower	Upper	
228	100		
226	31.8	24.1	36.1
229	22.5	16.0	24.0

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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

21.75

150000

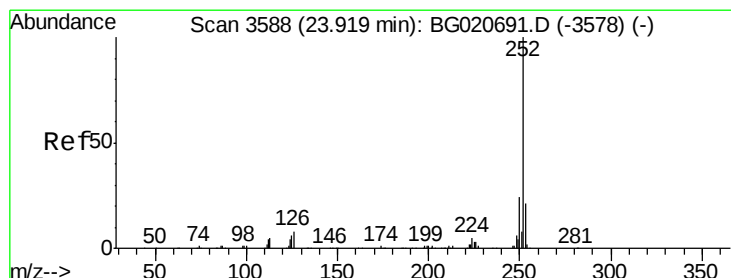
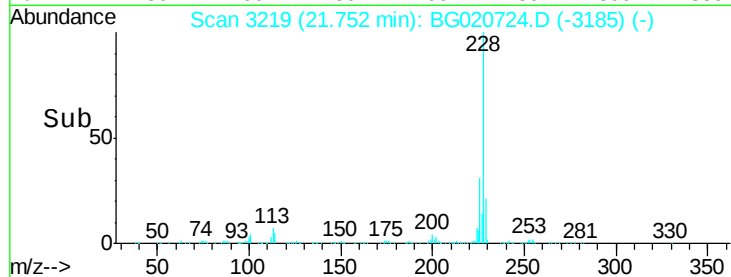
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50000

0

21.70 21.80

Time-->



#88

Benzo(b)fluoranthene

Concen: 20.88 ng/ul

RT: 23.93 min Scan# 3589

Delta R.T. 0.01 min

Lab File: BG020724.D

Acq: 14 Jan 2016 6:46

Tgt Ion:	252	Resp:	256725
Ion Ratio	Lower	Upper	
252	100		
253	21.9	17.4	26.0
125	7.4	4.9	7.3#

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

23.93

100000

80000

60000

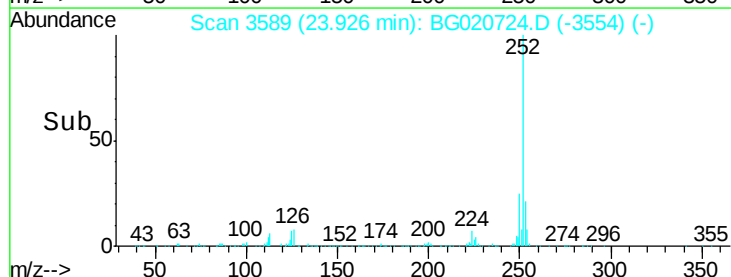
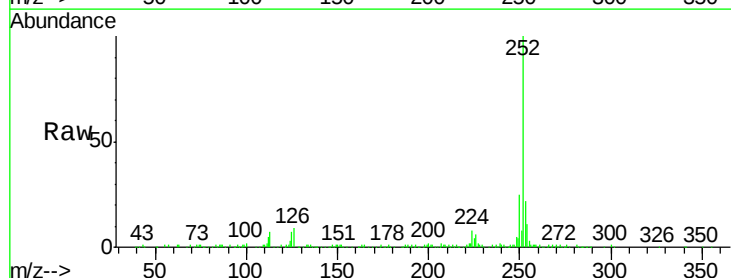
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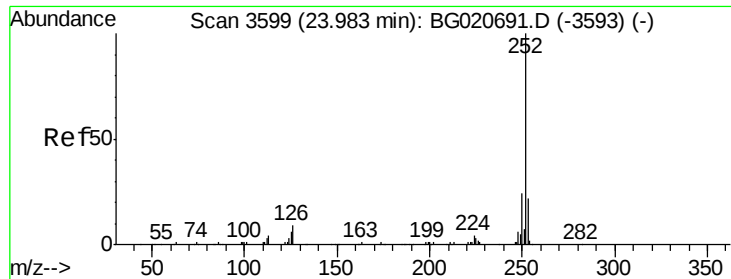
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0

23.80 23.90 24.00

Time-->





#89

Benzo(k)fluoranthene

Concen: 6.37 ng/ul m

RT: 23.98 min Scan# 3599

Delta R.T. 0.00 min

Lab File: BG020724.D

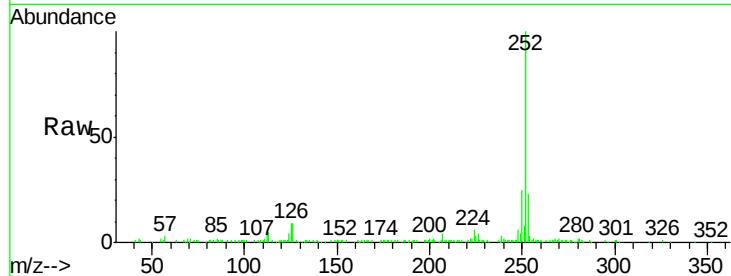
Acq: 14 Jan 2016 6:46

Instrument :

BNA_G

ClientSampleId :

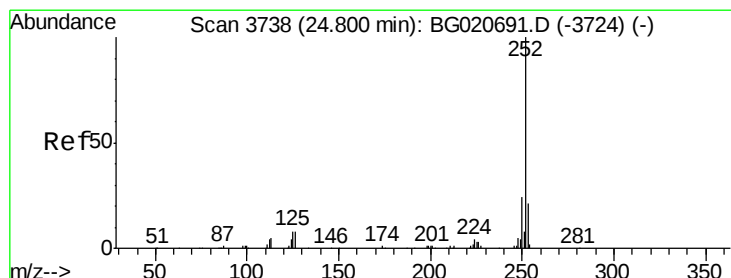
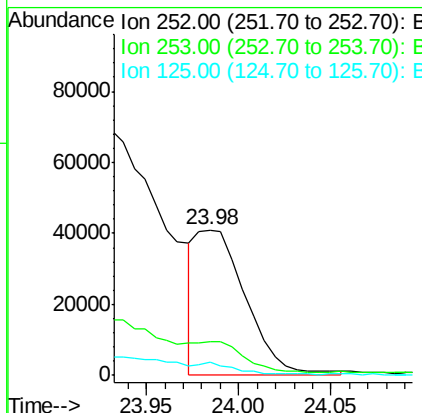
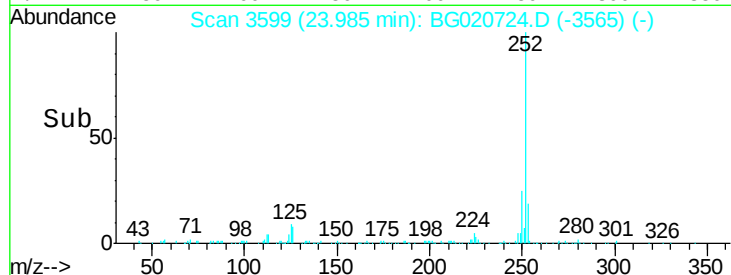
BC938



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.1	25.7
125	8.9	5.4	8.0

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 18.76 ng/ul

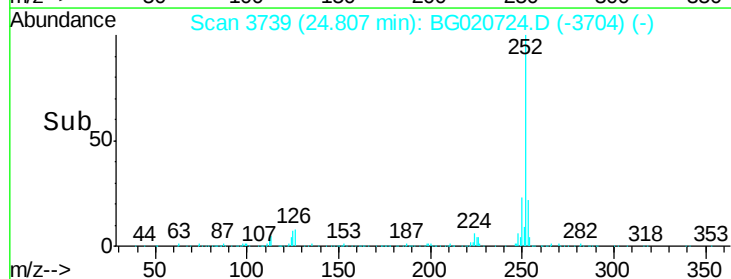
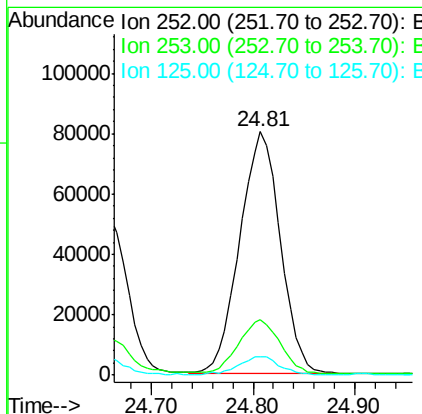
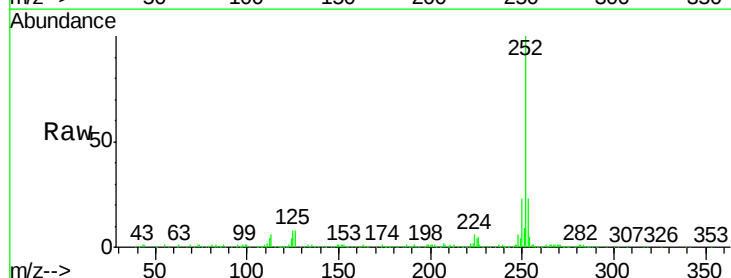
RT: 24.81 min Scan# 3739

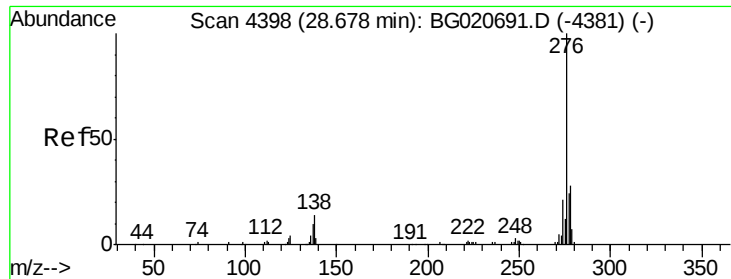
Delta R.T. 0.01 min

Lab File: BG020724.D

Acq: 14 Jan 2016 6:46

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	7.8	5.8	8.6





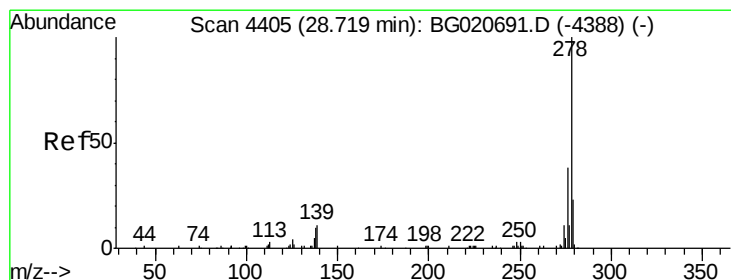
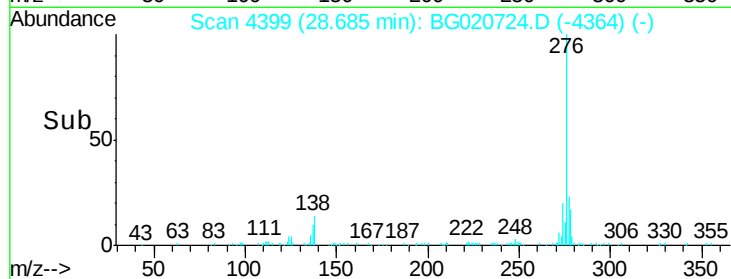
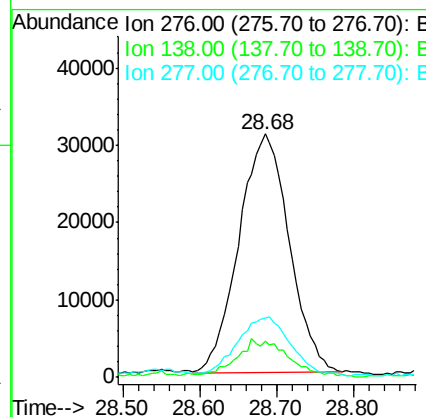
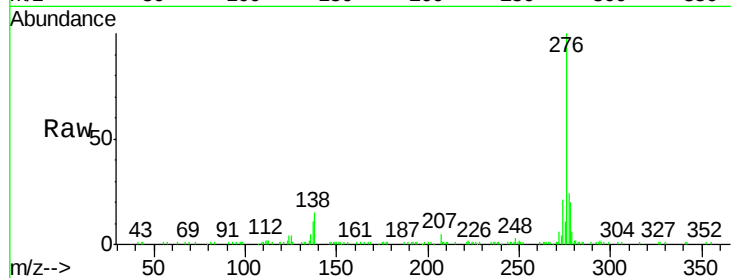
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 10.10 ng/ul
 RT: 28.68 min Scan# 4399
 Delta R.T. 0.01 min
 Lab File: BG020724.D
 Acq: 14 Jan 2016 6:46

Instrument :
 BNA_G
 ClientSampleId :
 BC938

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	141004		
138	14.9	10.9	16.3	
277	24.5	18.9	28.3	

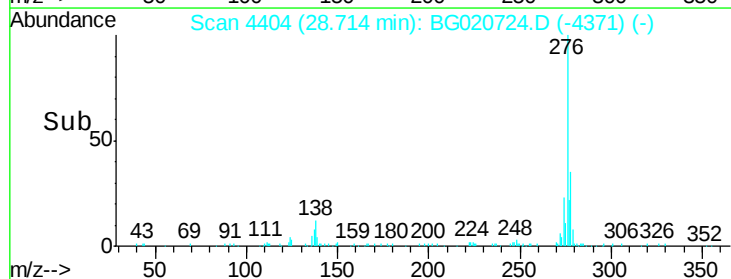
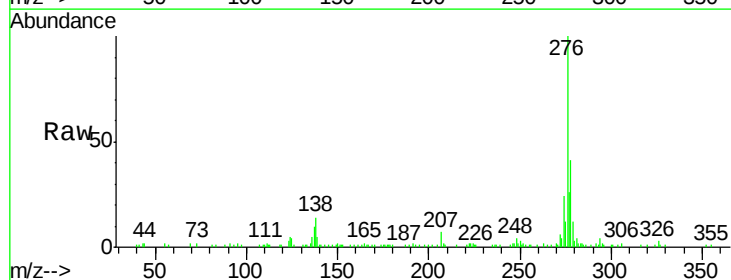
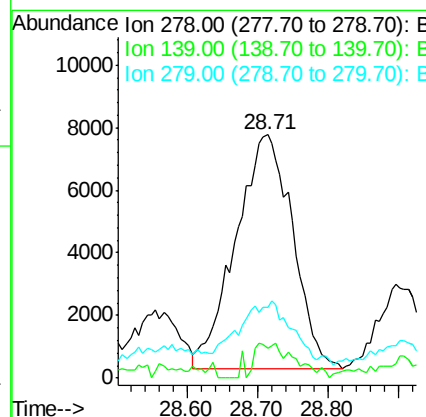
Manual Integrations
 APPROVED

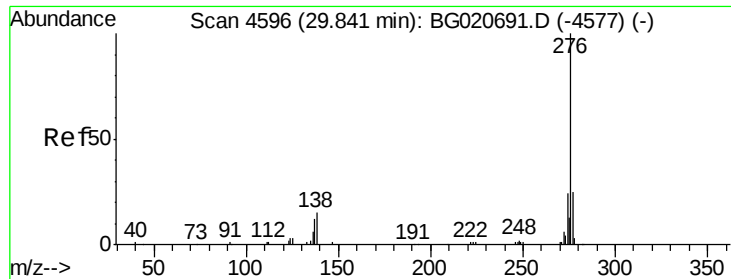
MMdadoda
 1/14/2016 5:57:50 PM



#93
 Dibenzo(a,h)anthracene
 Concen: 3.63 ng/ul
 RT: 28.71 min Scan# 4404
 Delta R.T. -0.00 min
 Lab File: BG020724.D
 Acq: 14 Jan 2016 6:46

Tgt Ion	Ratio	Resp	Lower	Upper
278	100	41765		
139	12.4	9.0	13.4	
279	29.0	19.1	28.7#	





#94

Benzo(g,h,i)perylene

Concen: 12.73 ng/ul

RT: 29.86 min Scan# 4599

Delta R.T. 0.02 min

Lab File: BG020724.D

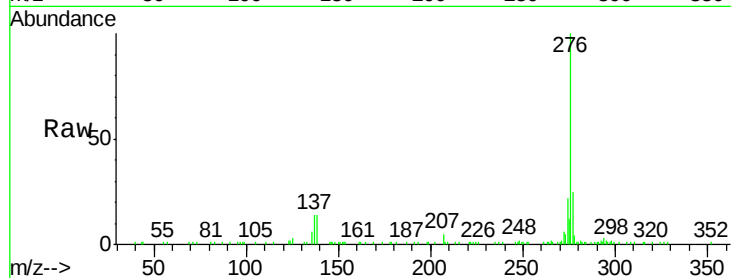
Acq: 14 Jan 2016 6:46

Instrument :

BNA_G

ClientSampleId :

BC938



Tgt	Ion	Ratio	Lower	Upper
276	100			
138	14.4	11.2	16.8	
277	24.7	19.0	28.6	

Manual Integrations
APPROVED

MMdadoda
1/14/2016 5:57:50 PM

