

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020749.D
 Acq On : 15 Jan 2016 12:45
 Operator : SJ/IZ
 Sample : H1101-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9F0

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:02:55 AM

Quant Time: Jan 15 23:51:14 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jan 15 22:12:27 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	18508	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	79954	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	58020	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	145006	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	171267	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	163400	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	854	2.25	ng/uL	0.00
5) Phenol-d5	7.20	99	21783	13.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	14427	15.12	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	19046	15.31	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	8479	6.34	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	10034	15.91	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	12153	16.58	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	21398	15.33	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	14269	10.33	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	81177	16.03	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	95616	16.82	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	7732m	11.37	ng/ul	0.01
58) Fluorene-d10	15.67	176	75438	16.71	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.81	200	10109	12.82	ng/ul	0.00
71) Anthracene-d10	17.53	188	120307	16.93	ng/ul	0.00
79) Pyrene-d10	19.81	212	143871	17.66	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	151724	17.42	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.13	163	49857	9.16	ng/ul#	98
59) Fluorene	15.73	166	6042	1.19	ng/ul	95
70) Phenanthrene	17.47	178	105923	12.28	ng/ul	100
72) Anthracene	17.56	178	21997	2.53	ng/ul	96
75) Carbazole	17.83	167	10054	1.41	ng/ul	96
77) Fluoranthene	19.48	202	217802	20.77	ng/ul	99
80) Pyrene	19.84	202	218063	20.08	ng/ul	99
83) Benzo(a)anthracene	21.68	228	118615	11.10	ng/ul	96
85) Chrysene	21.75	228	122232	12.10	ng/ul	97
88) Benzo(b)fluoranthene	23.93	252	128377	12.20	ng/ul#	98
89) Benzo(k)fluoranthene	23.98	252	50079m	4.82	ng/ul	
91) Benzo(a)pyrene	24.80	252	100193	9.89	ng/ul	96
92) Indeno(1,2,3-cd)pyrene	28.67	276	63463	5.31	ng/ul	98
93) Dibenzo(a,h)anthracene	28.72	278	20197m	2.05	ng/ul	
94) Benzo(g,h,i)perylene	29.84	276	58280	5.91	ng/ul	96

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

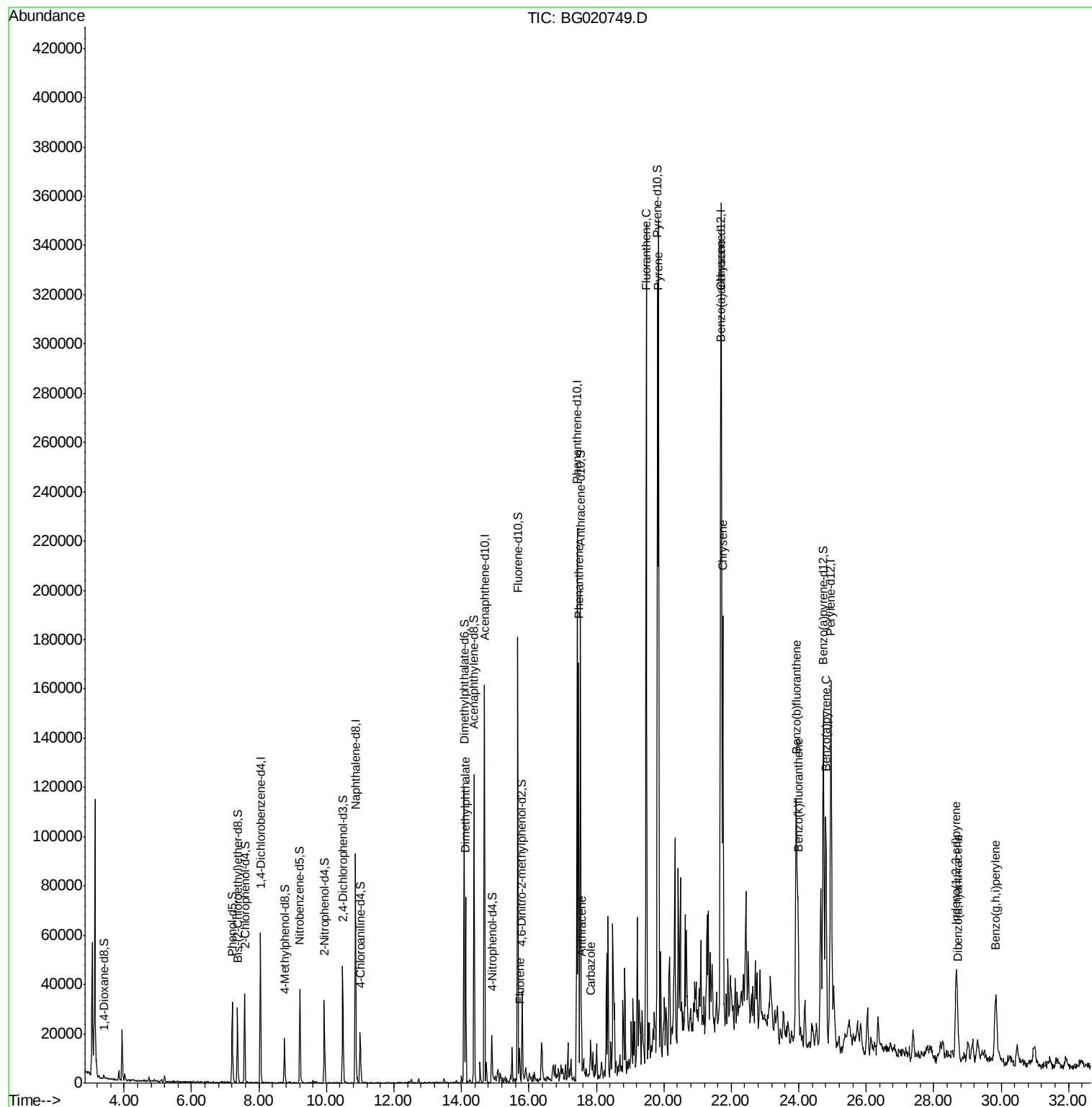
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020749.D
Acq On : 15 Jan 2016 12:45
Operator : SJ/IZ
Sample : H1101-09
Misc :
ALS Vial : 19 Sample Multiplier: 1

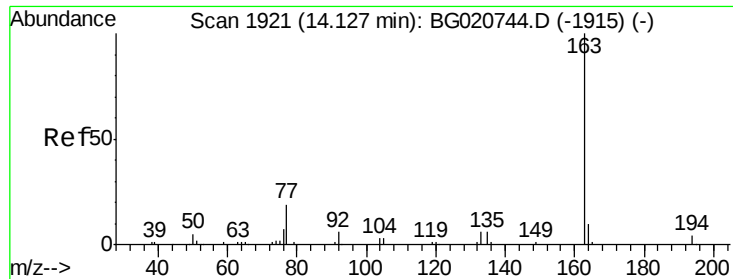
Instrument :
BNA_G
ClientSampled :
BC9F0

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Quant Time: Jan 15 23:51:14 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





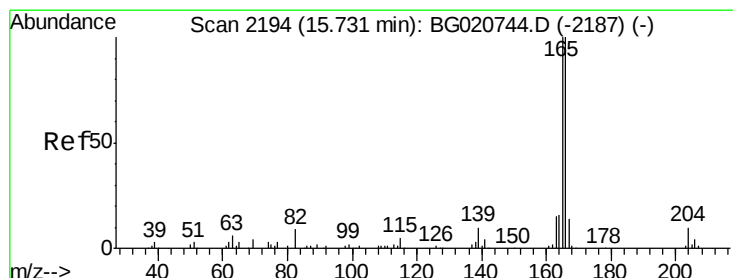
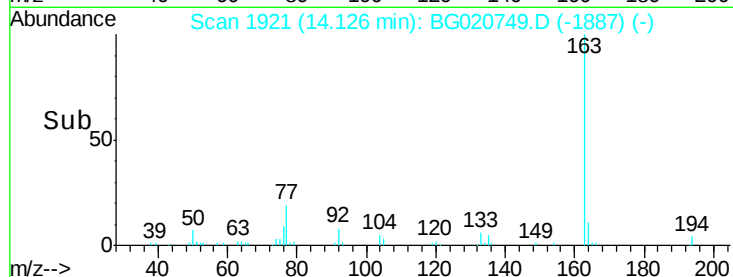
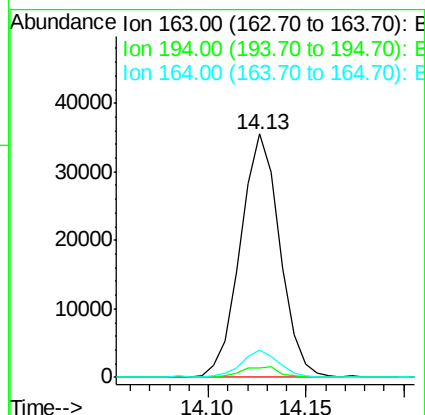
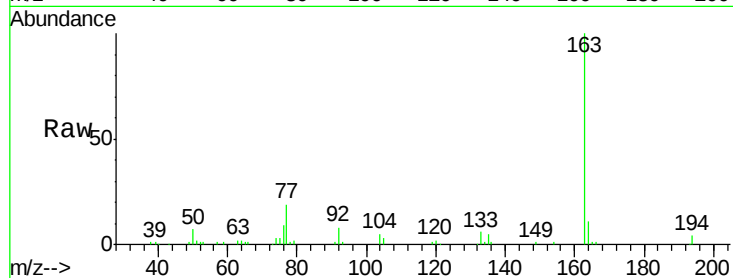
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Dimethylphthalate
Concen: 9.16 ng/ul
RT: 14.13 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG020749.D
Acq: 15 Jan 2016 12:45

Instrument :
BNA_G
ClientSampleId :
BC9F0

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	49857		
194	4.0	4.0	6.0	
164	11.1	8.4	12.6	

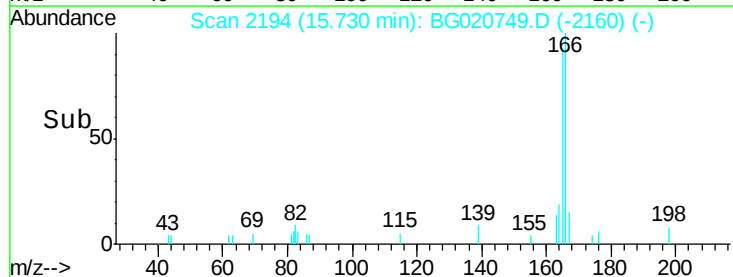
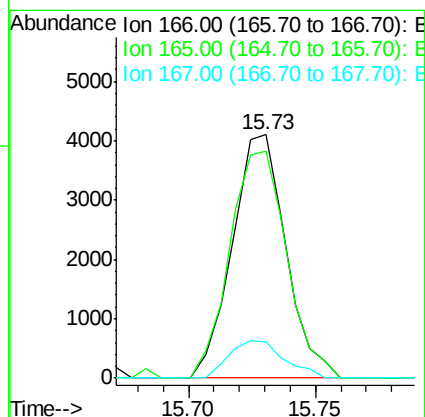
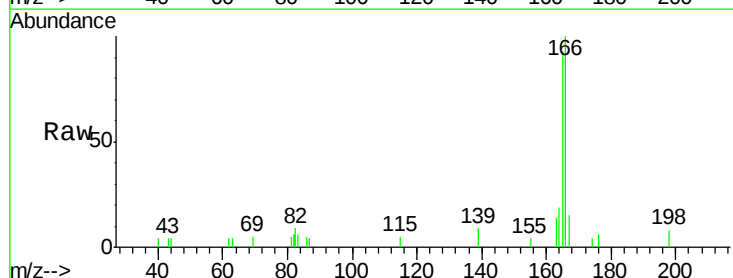
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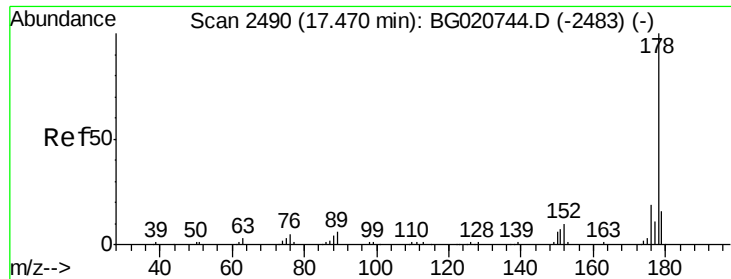
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#59
Fluorene
Concen: 1.19 ng/ul
RT: 15.73 min Scan# 2194
Delta R.T. -0.00 min
Lab File: BG020749.D
Acq: 15 Jan 2016 12:45

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	6042		
165	93.1	78.4	117.6	
167	15.1	11.1	16.7	





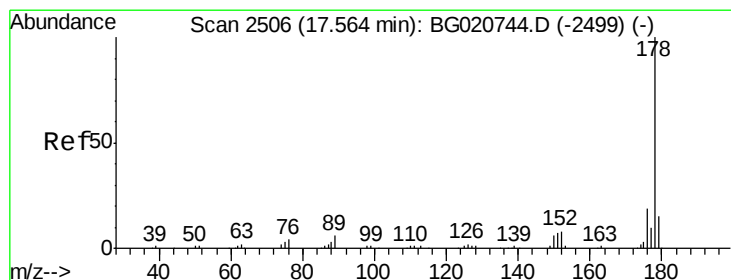
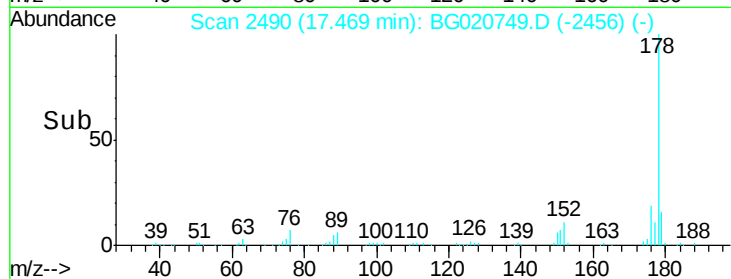
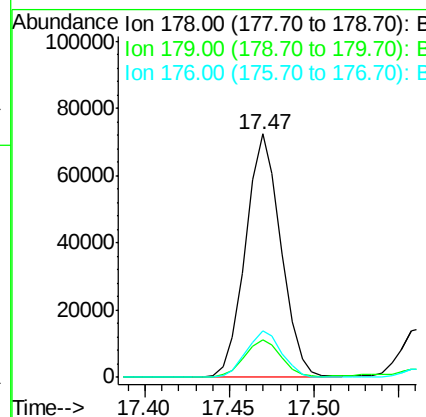
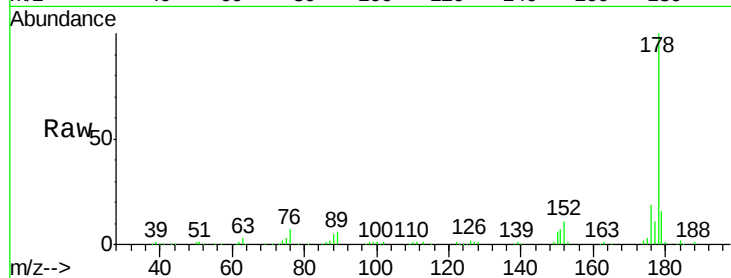
#70
 Phenanthrene
 Concen: 12.28 ng/ul
 RT: 17.47 min Scan# 2490
 Delta R.T. -0.00 min
 Lab File: BG020749.D
 Acq: 15 Jan 2016 12:45

Instrument :
 BNA_G
 ClientSampled :
 BC9F0

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.3	18.5
176	19.1	15.4	23.0

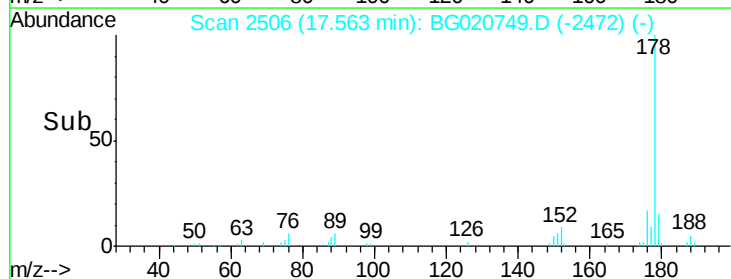
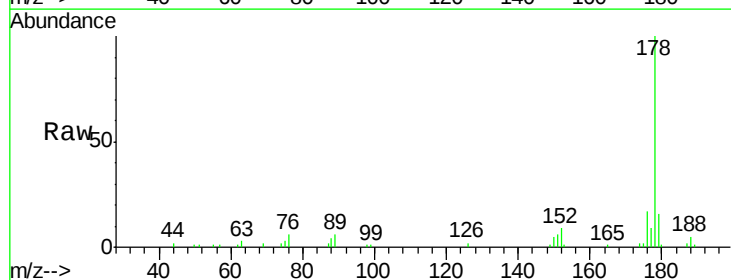
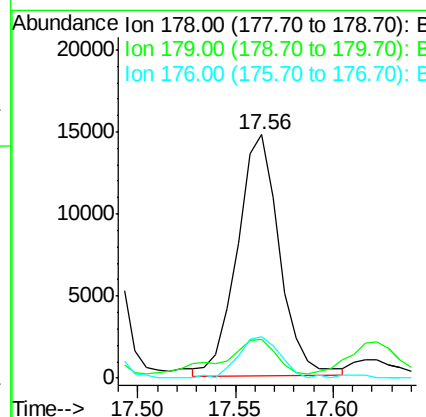
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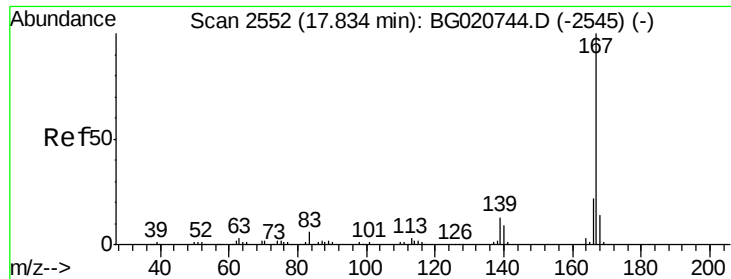
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#72
 Anthracene
 Concen: 2.53 ng/ul
 RT: 17.56 min Scan# 2506
 Delta R.T. -0.00 min
 Lab File: BG020749.D
 Acq: 15 Jan 2016 12:45

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.4	20.2
176	16.8	15.4	23.0





#75

Carbazole

Concen: 1.41 ng/ul

RT: 17.83 min Scan# 2552

Delta R.T. -0.00 min

Lab File: BG020749.D

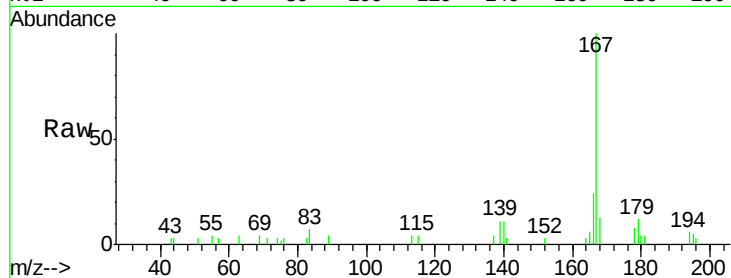
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Instrument :

BNA_G

ClientSampleId :

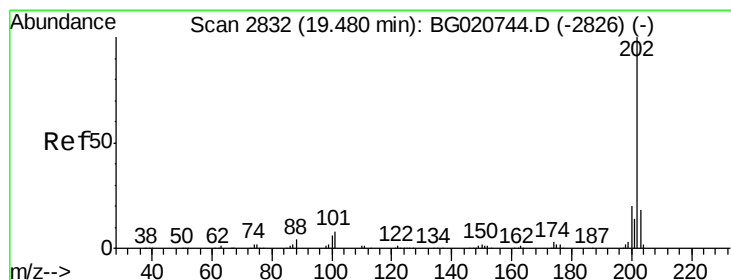
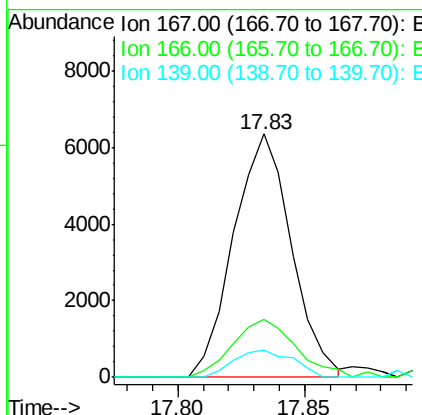
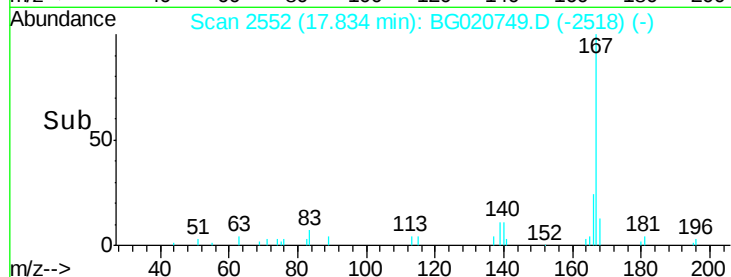
BC9F0



Tgt Ion:	167	Resp:	10054
Ion Ratio	Lower	Upper	
167	100		
166	23.7	17.0	25.4
139	11.0	9.1	13.7

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#77

Fluoranthene

Concen: 20.77 ng/ul

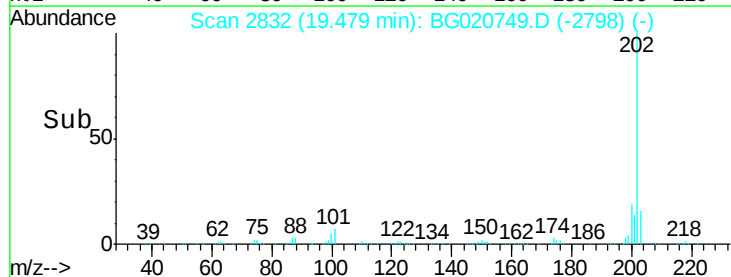
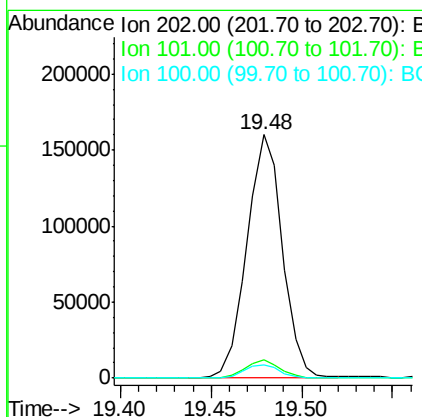
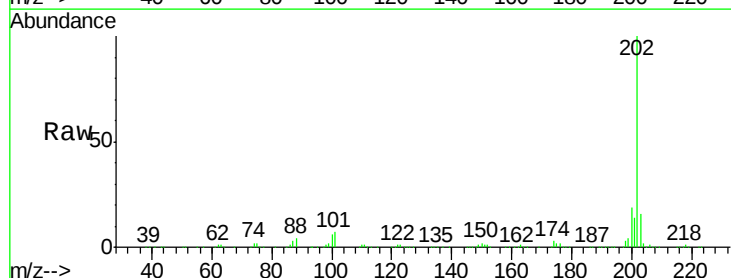
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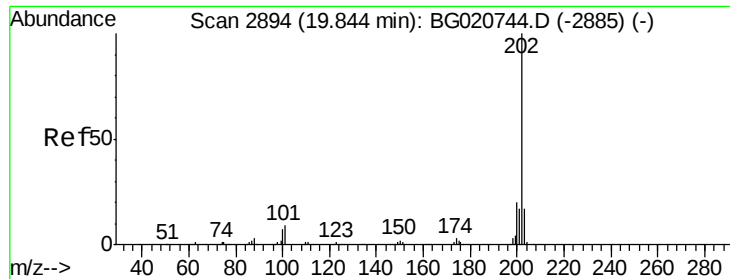
Delta R.T. -0.00 min

Lab File: BG020749.D

Acq: 15 Jan 2016 12:45

Tgt Ion:	202	Resp:	217802
Ion Ratio	Lower	Upper	
202	100		
101	7.5	6.1	9.1
100	5.5	4.6	7.0





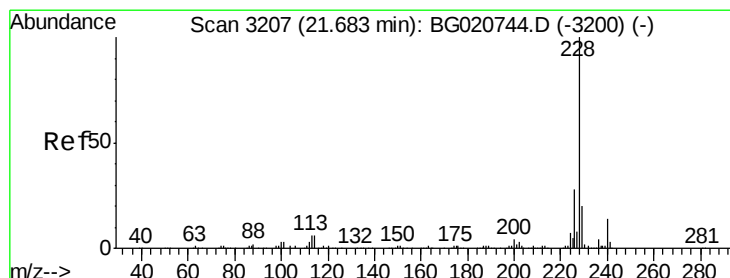
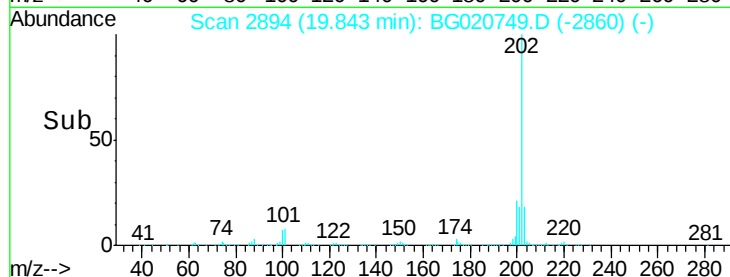
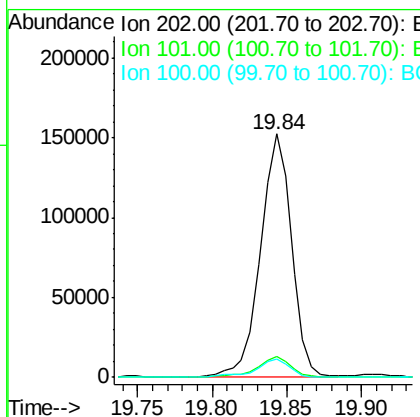
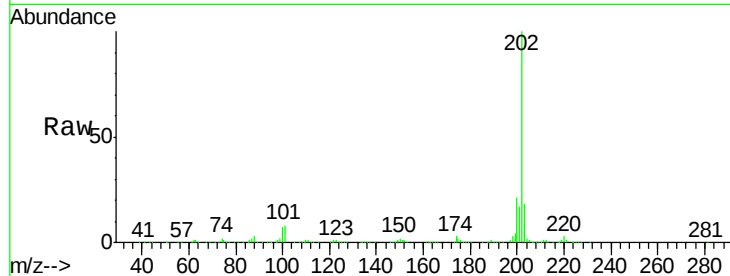
#80
 Pyrene
 Concen: 20.08 ng/u1
 RT: 19.84 min Scan# 2894
 Delta R.T. -0.00 min
 Lab File: BG020749.D
 Acq: 15 Jan 2016 12:45

Instrument :
 BNA_G
 ClientSampleId :
 BC9F0

Tgt Ion:	202	Resp:	218063
Ion Ratio	Lower	Upper	
202	100		
101	8.4	6.9	10.3
100	7.4	5.6	8.4

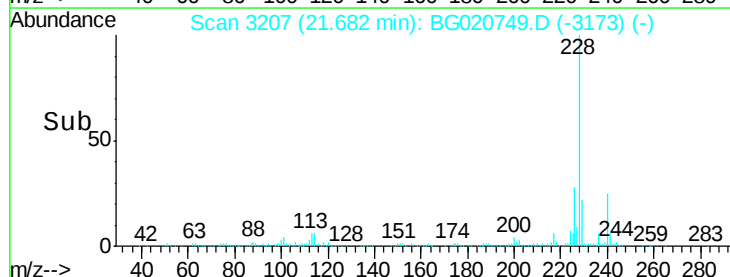
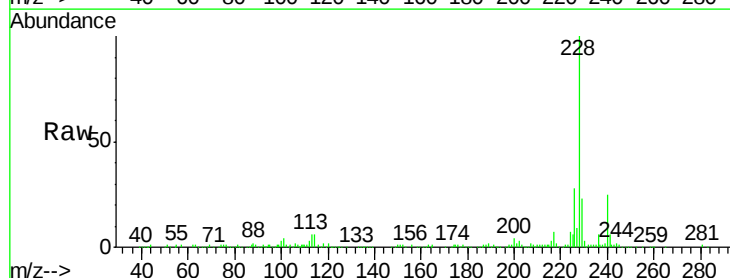
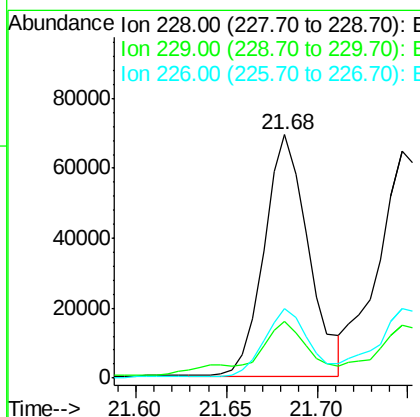
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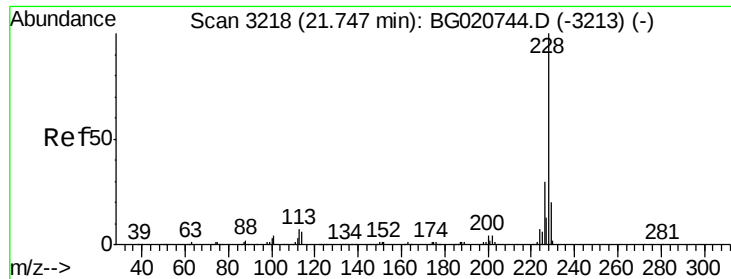
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#83
 Benzo(a)anthracene
 Concen: 11.10 ng/u1
 RT: 21.68 min Scan# 3207
 Delta R.T. -0.00 min
 Lab File: BG020749.D
 Acq: 15 Jan 2016 12:45

Tgt Ion:	228	Resp:	118615
Ion Ratio	Lower	Upper	
228	100		
229	23.1	16.0	24.0
226	28.5	21.8	32.8





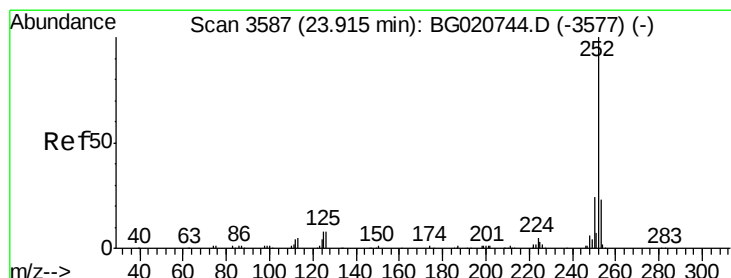
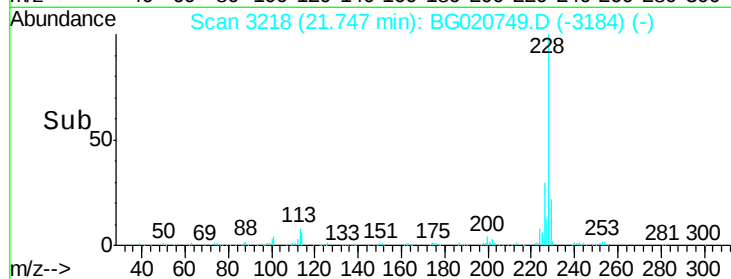
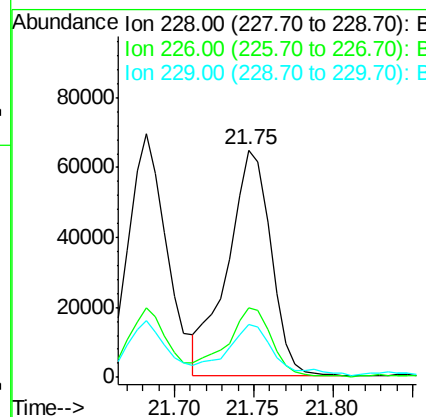
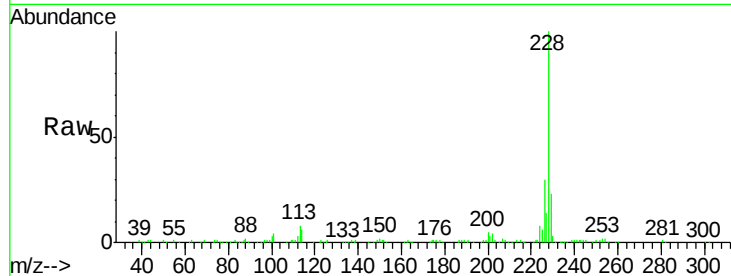
#85
 Chrysene
 Concen: 12.10 ng/u1
 RT: 21.75 min Scan# 3218
 Delta R.T. -0.00 min
 Lab File: BG020749.D
 Acq: 15 Jan 2016 12:45

Instrument :
 BNA_G
 ClientSampleId :
 BC9F0

Tgt Ion:	228	Resp:	122232
Ion Ratio	Lower	Upper	
228	100		
226	30.3	24.1	36.1
229	23.3	16.0	24.0

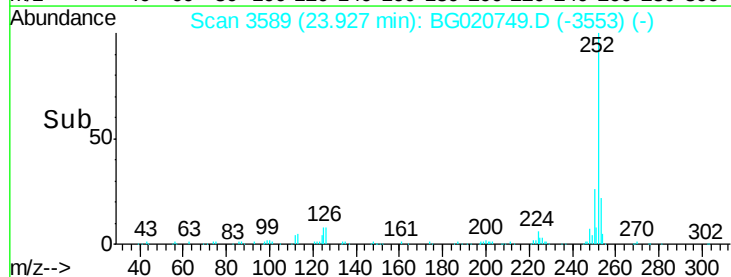
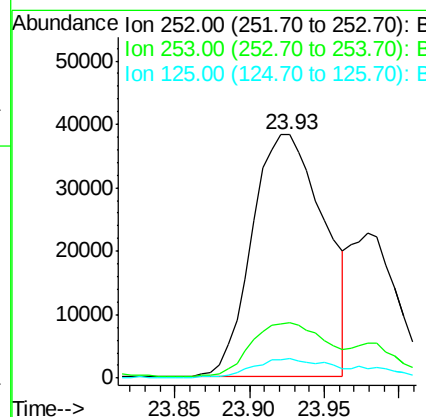
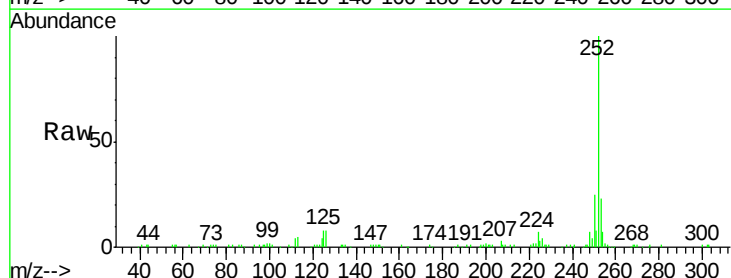
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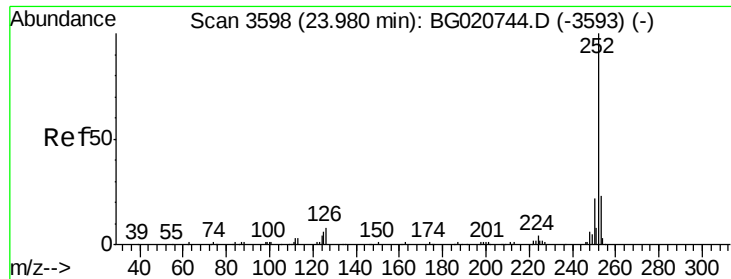
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#88
 Benzo(b)fluoranthene
 Concen: 12.20 ng/u1
 RT: 23.93 min Scan# 3589
 Delta R.T. 0.01 min
 Lab File: BG020749.D
 Acq: 15 Jan 2016 12:45

Tgt Ion:	252	Resp:	128377
Ion Ratio	Lower	Upper	
252	100		
253	22.5	17.4	26.0
125	7.8	4.9	7.3#





#89

Benzo(k)fluoranthene

Concen: 4.82 ng/ul m

RT: 23.98 min Scan# 3598

Delta R.T. -0.00 min

Lab File: BG020749.D

Acq: 15 Jan 2016 12:45

Instrument :

BNA_G

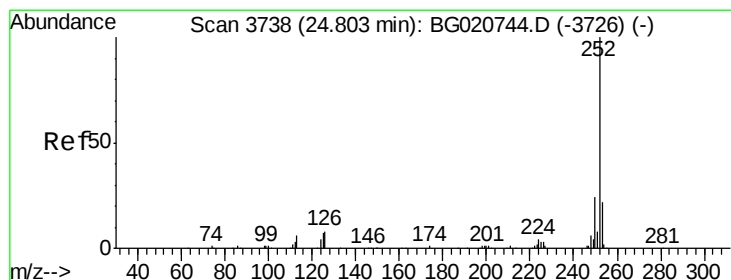
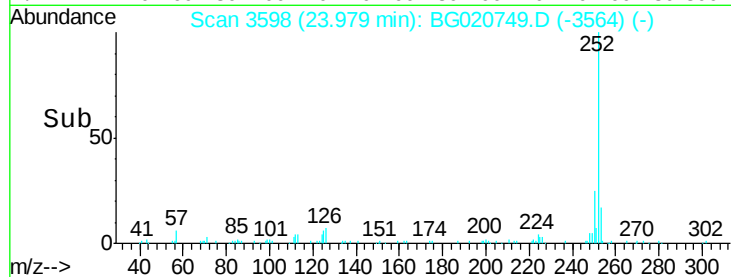
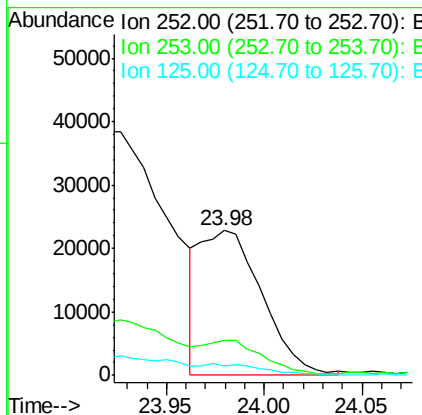
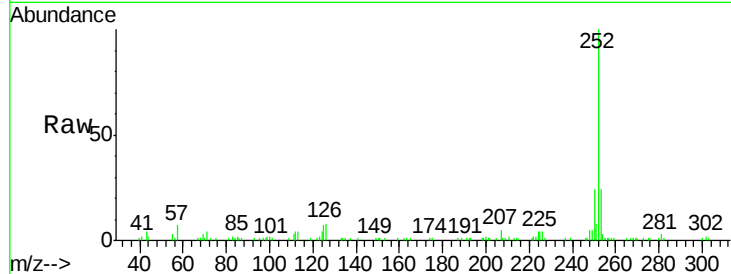
ClientSampled :

BC9F0

Tgt Ion:	252	Resp:	50079
Ion Ratio	Lower	Upper	
252	100		
253	23.8	17.1	25.7
125	6.8	5.4	8.0

Manual Integrations
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#91

Benzo(a)pyrene

Concen: 9.89 ng/ul

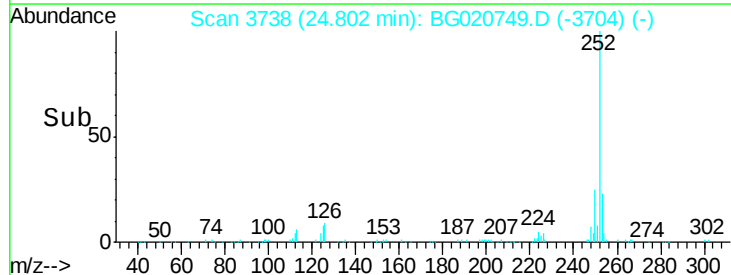
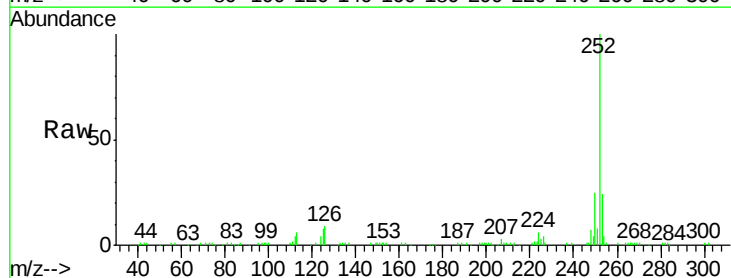
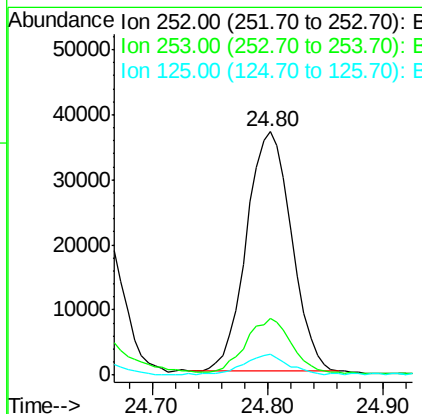
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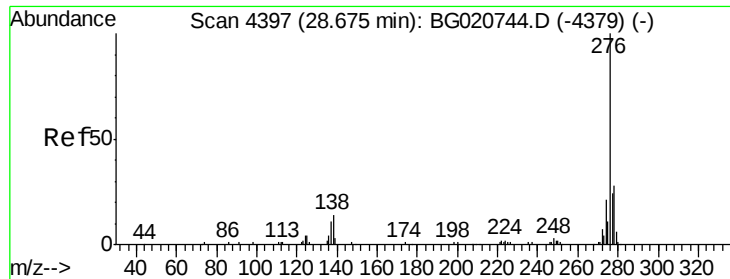
Delta R.T. -0.00 min

Lab File: BG020749.D

Acq: 15 Jan 2016 12:45

Tgt Ion:	252	Resp:	100193
Ion Ratio	Lower	Upper	
252	100		
253	23.5	17.2	25.8
125	8.3	5.8	8.6





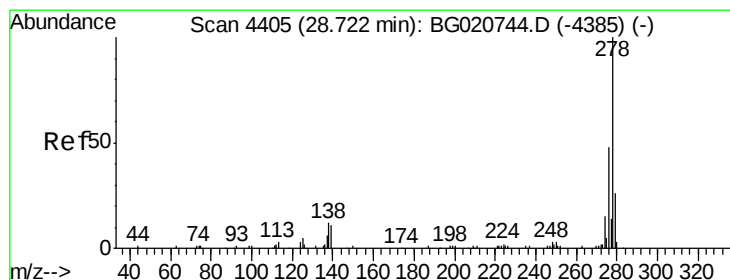
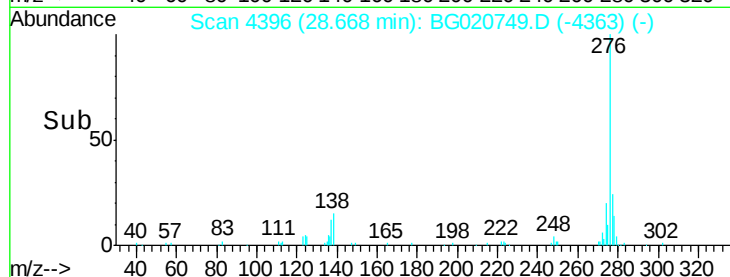
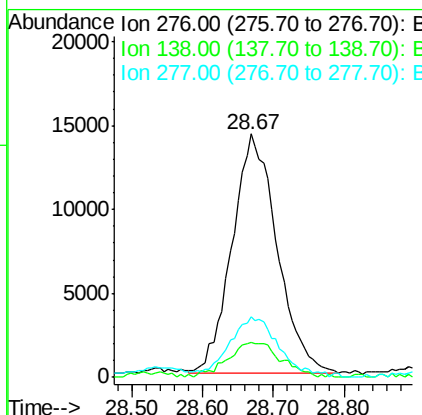
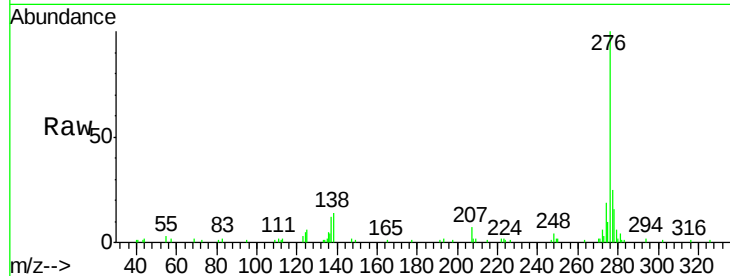
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 5.31 ng/ul
 RT: 28.67 min Scan# 4396
 Delta R.T. -0.01 min
 Lab File: BG020749.D
 Acq: 15 Jan 2016 12:45

Instrument :
 BNA_G
 ClientSampleId :
 BC9F0

Tgt Ion:	276	Resp:	63463
Ion Ratio	Lower	Upper	
276	100		
138	14.3	10.9	16.3
277	25.0	18.9	28.3

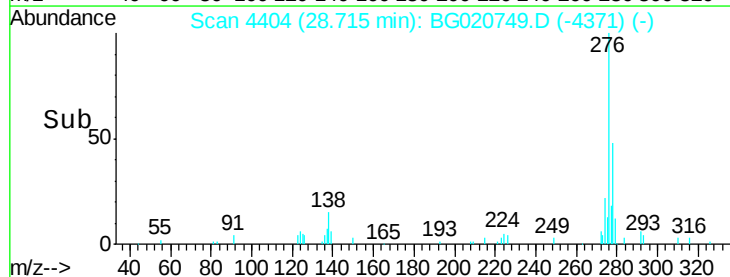
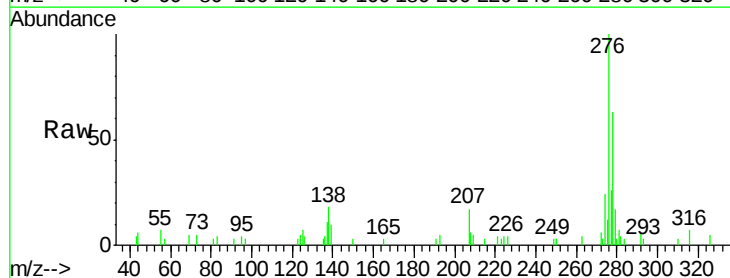
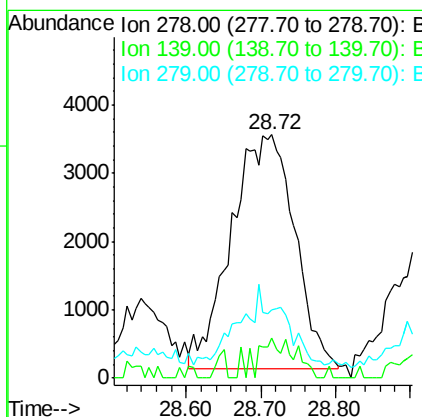
Manual Integrations
 APPROVED

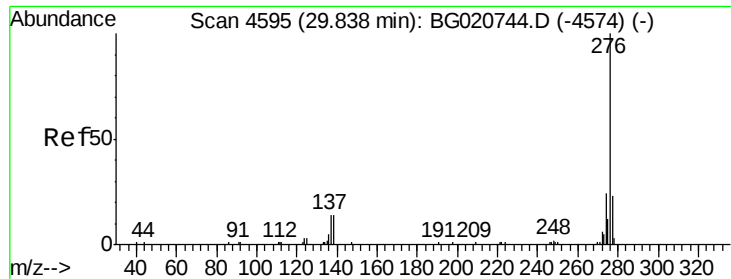
Sohil
 1/16/2016 3:02:55 AM



#93
 Dibenzo(a,h)anthracene
 Concen: 2.05 ng/ul m
 RT: 28.72 min Scan# 4404
 Delta R.T. -0.01 min
 Lab File: BG020749.D
 Acq: 15 Jan 2016 12:45

Tgt Ion:	278	Resp:	20197
Ion Ratio	Lower	Upper	
278	100		
139	16.4	9.0	13.4#
279	27.8	19.1	28.7





#94

Benzo(g,h,i)perylene

Concen: 5.91 ng/ul

RT: 29.84 min Scan# 4595

Delta R.T. -0.00 min

Lab File: BG020749.D

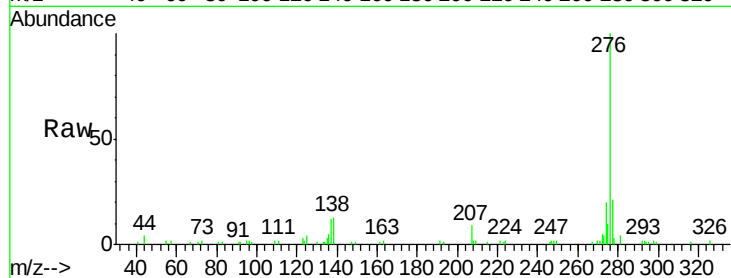
Acq: 15 Jan 2016 12:45

Instrument :

BNA_G

ClientSampleId :

BC9F0



Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.3	11.2	16.8
277	21.3	19.0	28.6

Manual Integrations
APPROVED

Sohil
1/16/2016 3:02:55 AM

