

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
 Data File : BG020746.D
 Acq On : 15 Jan 2016 10:48
 Operator : SJ/IZ
 Sample : H1101-02
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9B0

Manual Integrations
 APPROVED

Sohil
 1/16/2016 3:02:39 AM

Quant Time: Jan 15 22:43:35 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	18789	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	79610	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	56700	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	142976	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	182429	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	169989	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.40	96	1219	3.17	ng/uL	0.00
5) Phenol-d5	7.21	99	25942	16.11	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	17458	18.03	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	21847	17.30	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	13100	9.65	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	11030	17.56	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	13566	18.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	22522	16.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	24090m	17.52	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	87173	17.62	ng/ul	0.00
47) Acenaphthylene-d8	14.37	160	103428	18.61	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	9445m	14.22	ng/ul	0.00
58) Fluorene-d10	15.67	176	80741	18.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	11118m	14.30	ng/ul	0.00
71) Anthracene-d10	17.52	188	129451	18.47	ng/ul	0.00
79) Pyrene-d10	19.81	212	165813	19.11	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	172534	19.04	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.13	163	47124	8.86	ng/ul	99
70) Phenanthrene	17.47	178	19990	2.35	ng/ul	98
77) Fluoranthene	19.48	202	43440	4.20	ng/ul	97
80) Pyrene	19.84	202	45121	3.90	ng/ul	99
83) Benzo(a)anthracene	21.68	228	24012	2.11	ng/ul	97
85) Chrysene	21.74	228	26003m	2.42	ng/ul	
88) Benzo(b)fluoranthene	23.92	252	25189	2.30	ng/ul#	95
91) Benzo(a)pyrene	24.79	252	20972	1.99	ng/ul#	98
94) Benzo(g,h,i)perylene	29.83	276	11417m	1.11	ng/ul	

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

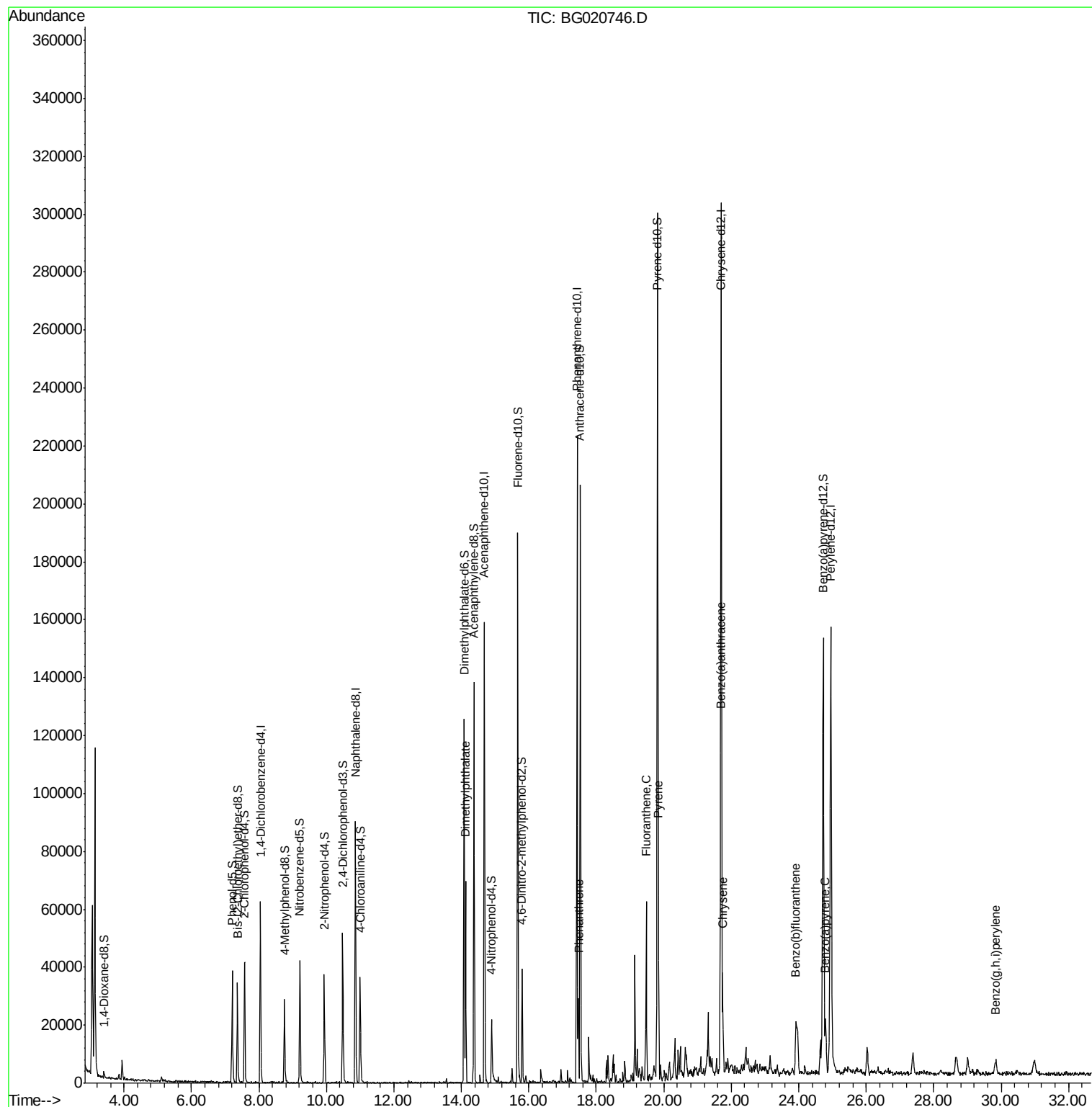
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011516\
Data File : BG020746.D
Acq On : 15 Jan 2016 10:48
Operator : SJ/IZ
Sample : H1101-02
Misc :
ALS Vial : 16 Sample Multiplier: 1

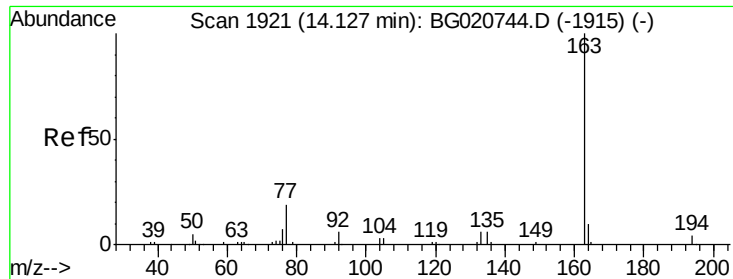
Instrument :
BNA_G
ClientSampleId :
BC9B0

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Quant Time: Jan 15 22:43:35 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





#45

Dimethylphthalate

Concen: 8.86 ng/ul

RT: 14.13 min Scan# 1921

Delta R.T. 0.00 min

Lab File: BG020746.D

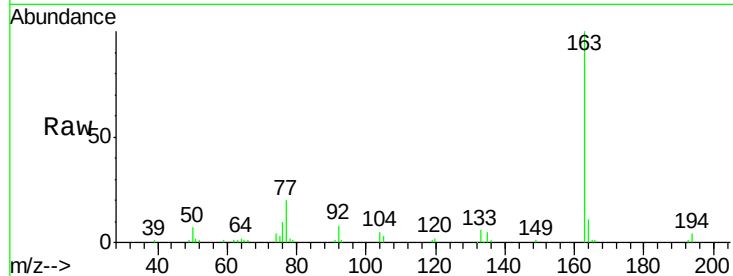
Acq: 15 Jan 2016 10:48

Instrument :

BNA_G

ClientSampled :

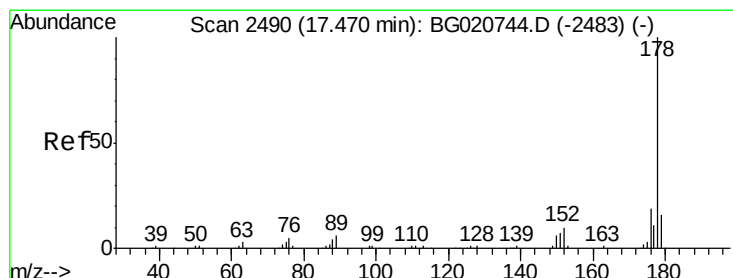
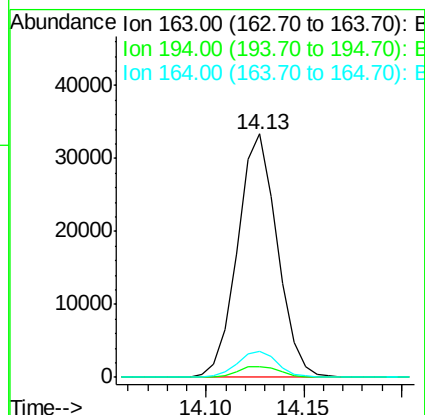
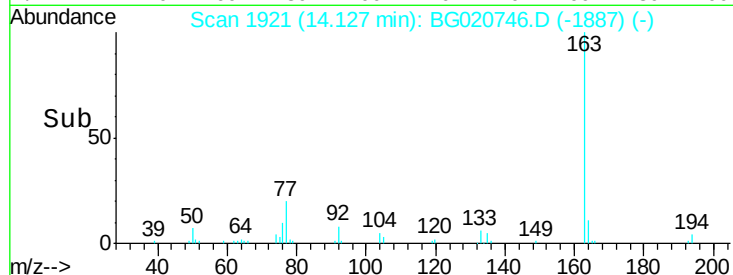
BC9B0



Tgt Ion:	163	Resp:	47124
Ion Ratio	Lower	Upper	
163	100		
194	4.2	4.0	6.0
164	10.8	8.4	12.6

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#70

Phenanthrene

Concen: 2.35 ng/ul

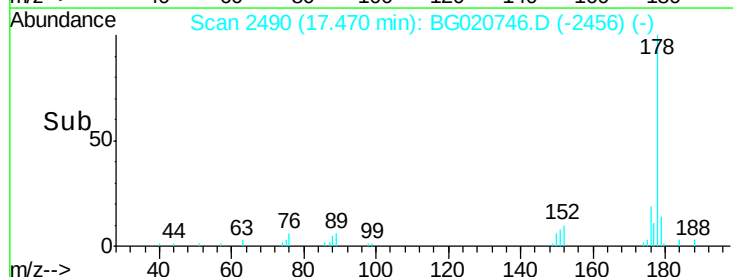
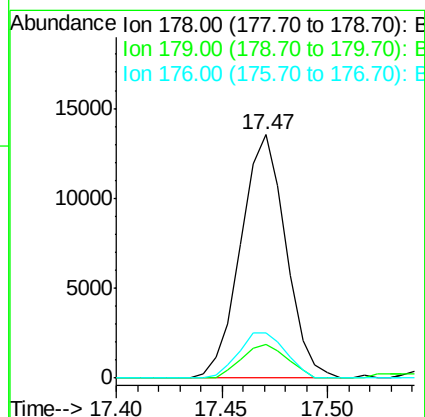
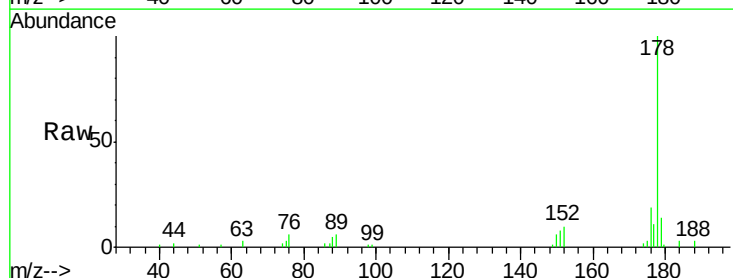
RT: 17.47 min Scan# 2490

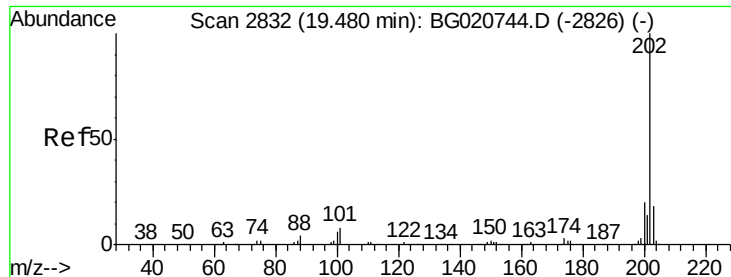
Delta R.T. 0.00 min

Lab File: BG020746.D

Acq: 15 Jan 2016 10:48

Tgt Ion:	178	Resp:	19990
Ion Ratio	Lower	Upper	
178	100		
179	13.7	12.3	18.5
176	18.7	15.4	23.0





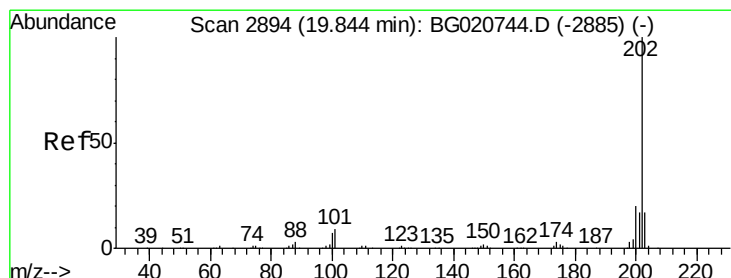
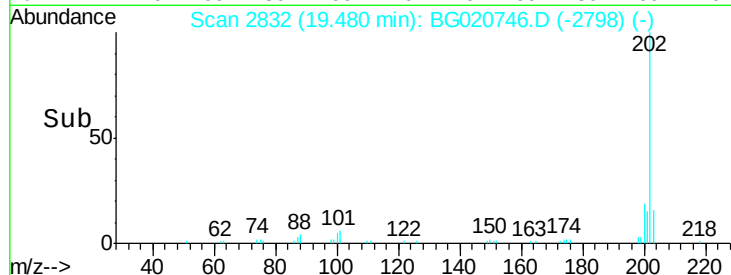
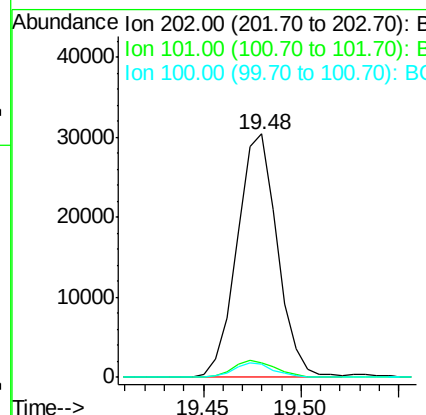
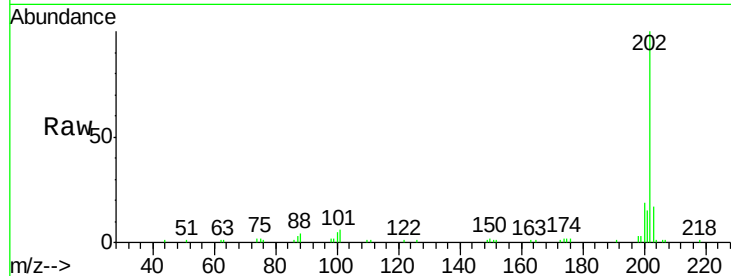
#77
 Fluoranthene
 Concen: 4.20 ng/ul
 RT: 19.48 min Scan# 2832
 Delta R.T. 0.00 min
 Lab File: BG020746.D
 Acq: 15 Jan 2016 10:48

Instrument :
 BNA_G
 ClientSampleId :
 BC9B0

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	43440		
101	6.2		6.1	9.1
100	5.3		4.6	7.0

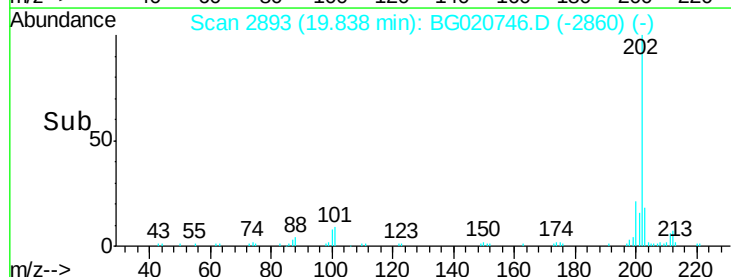
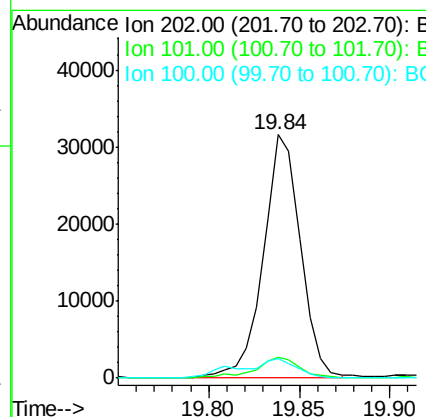
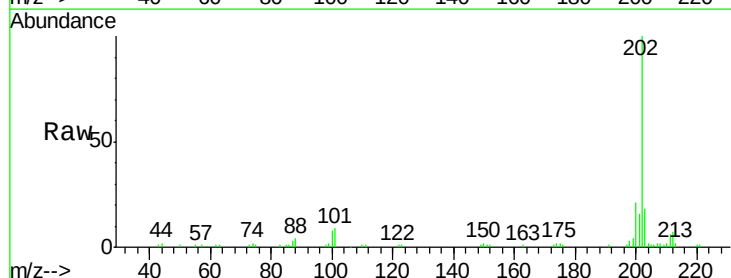
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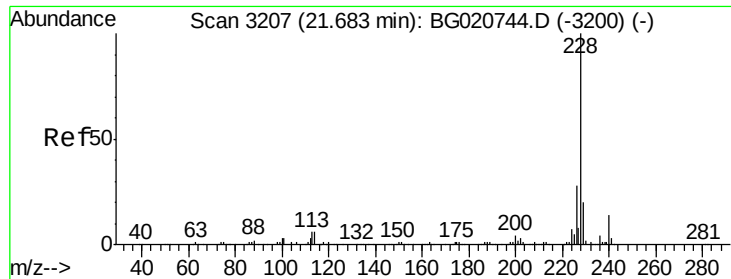
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#80
 Pyrene
 Concen: 3.90 ng/ul
 RT: 19.84 min Scan# 2893
 Delta R.T. -0.01 min
 Lab File: BG020746.D
 Acq: 15 Jan 2016 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	45121		
101	8.6		6.9	10.3
100	7.8		5.6	8.4





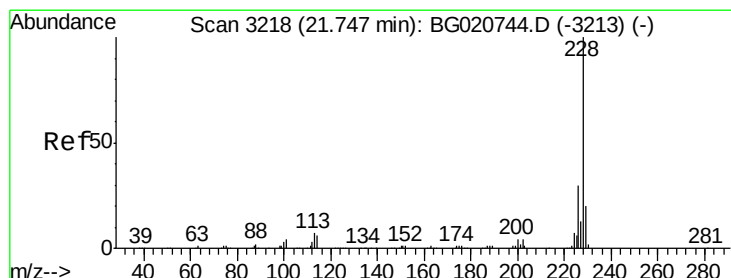
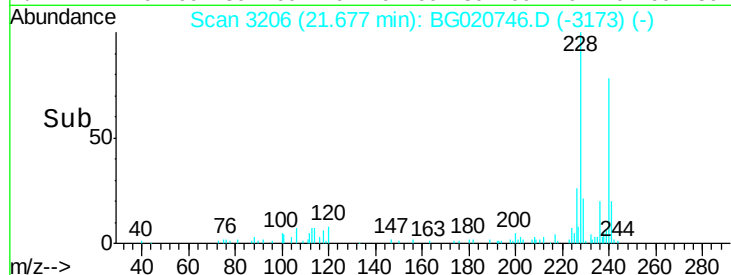
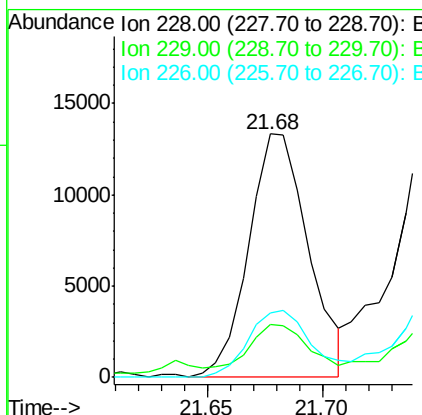
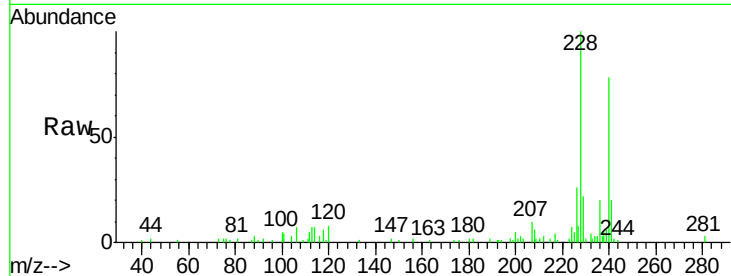
#83
Benzo(a)anthracene
Concen: 2.11 ng/ul
RT: 21.68 min Scan# 3206
Delta R.T. -0.01 min
Lab File: BG020746.D
Acq: 15 Jan 2016 10:48

Instrument :
BNA_G
ClientSampleId :
BC9B0

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	24012		
229	21.8	16.0	24.0	
226	26.4	21.8	32.8	

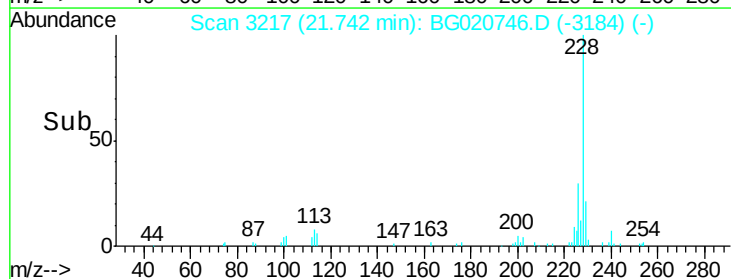
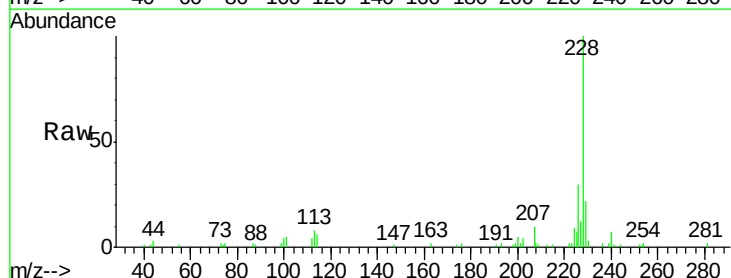
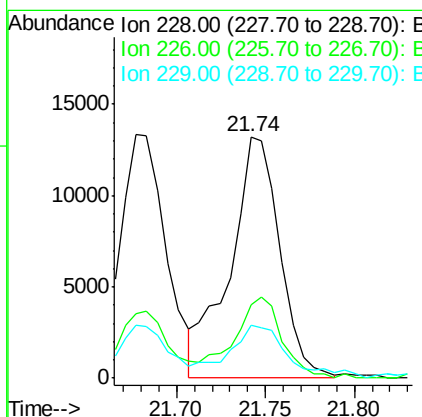
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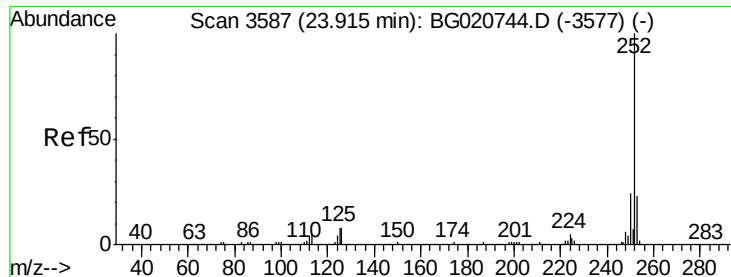
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#85
Chrysene
Concen: 2.42 ng/ul m
RT: 21.74 min Scan# 3217
Delta R.T. -0.01 min
Lab File: BG020746.D
Acq: 15 Jan 2016 10:48

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	26003		
226	30.2	24.1	36.1	
229	21.7	16.0	24.0	





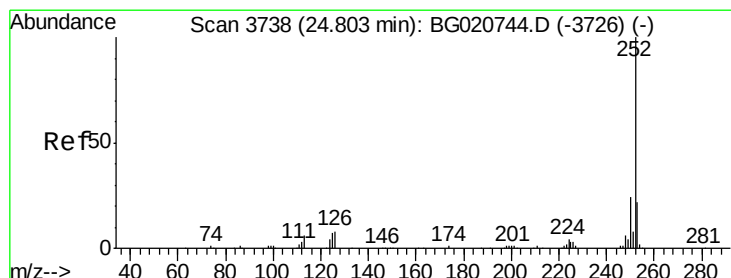
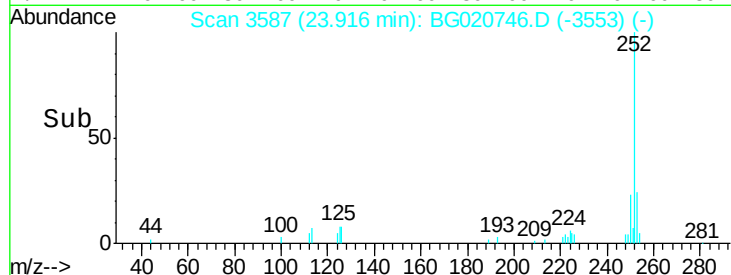
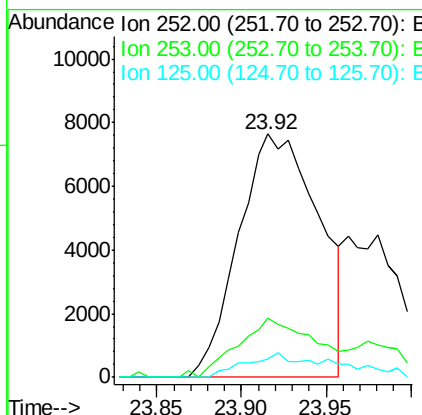
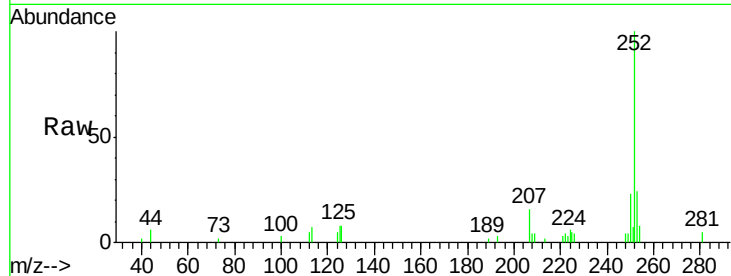
#88
Benzo(b)fluoranthene
Concen: 2.30 ng/ul
RT: 23.92 min Scan# 3587
Delta R.T. 0.00 min
Lab File: BG020746.D
Acq: 15 Jan 2016 10:48

Instrument :
BNA_G
ClientSampled :
BC9B0

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	7.7	4.9	7.3#

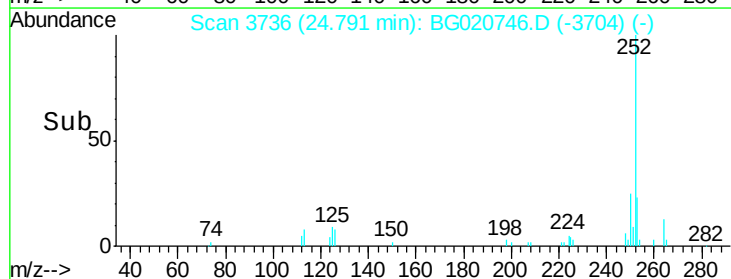
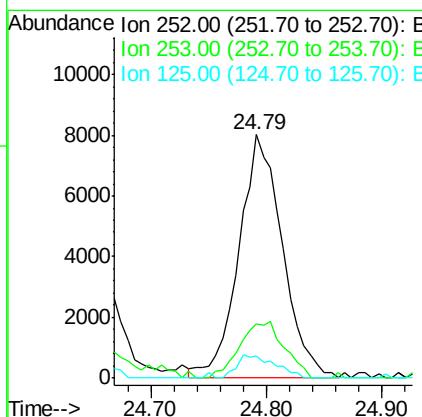
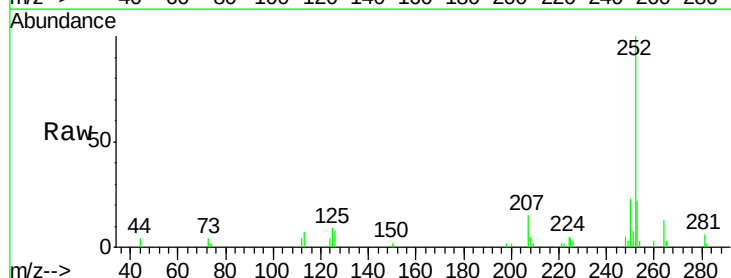
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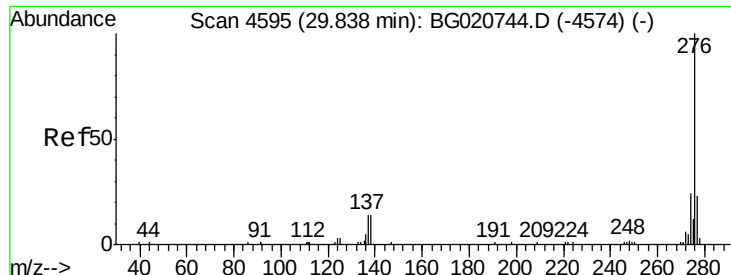
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#91
Benzo(a)pyrene
Concen: 1.99 ng/ul
RT: 24.79 min Scan# 3736
Delta R.T. -0.01 min
Lab File: BG020746.D
Acq: 15 Jan 2016 10:48

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.2	25.8
125	9.0	5.8	8.6#





#94

Benzo(g,h,i)perylene

Concen: 1.11 ng/ul m

RT: 29.83 min Scan# 4593

Delta R.T. -0.01 min

Lab File: BG020746.D

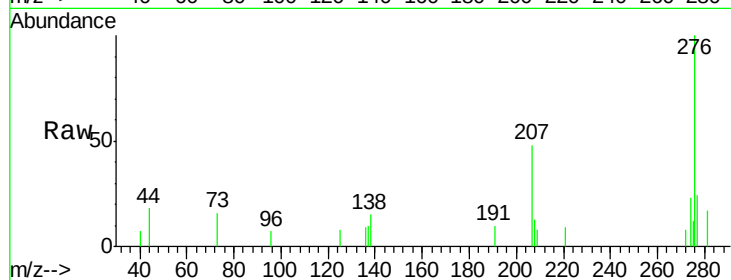
Acq: 15 Jan 2016 10:48

Instrument :

BNA_G

ClientSampleId :

BC9B0



Tgt Ion: 276 Resp: 11417

Ion Ratio Lower Upper

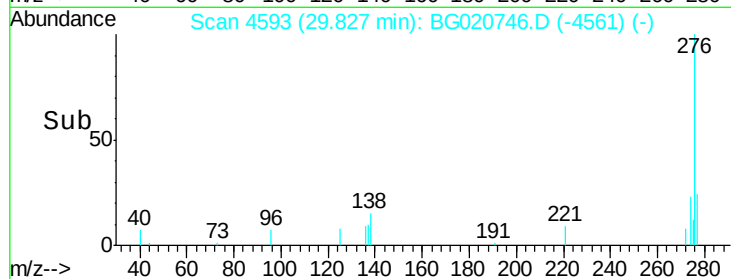
276 100

138 15.5 11.2 16.8

277 23.8 19.0 28.6

Manual Integrations
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Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

