

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
 Data File : BG020788.D
 Acq On : 4 Feb 2016 15:51
 Operator : SJ/IZ
 Sample : H1334-16
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBG13

Manual Integrations
 APPROVED

mohammad
 2/5/2016 3:39:00 PM

Quant Time: Feb 05 04:57:19 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 05 04:10:17 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	19540	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	98618	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	56386	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	108640	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	90811	20.00	ng/ul	0.00
86) Perylene-d12	25.29	264	87934	20.00	ng/ul	0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.62	96	1110	2.72	ng/uL	0.00
5) Phenol-d5	7.41	99	30501	15.25	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	17851	17.13	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	25842	17.21	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	26107	15.13	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	12476	20.73	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	10626	20.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	24929	17.31	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	34655	17.11	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	85318	17.71	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	112957	19.24	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	10229	12.01	ng/ul	0.00
58) Fluorene-d10	15.87	176	74993	17.81	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	4565	12.72	ng/ul	0.00
71) Anthracene-d10	17.72	188	103005	19.28	ng/ul	0.00
79) Pyrene-d10	19.99	212	95421	19.36	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	91604	19.44	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.33	163	25887	5.15	ng/ul#	98
70) Phenanthrene	17.66	178	28719	4.21	ng/ul	97
77) Fluoranthene	19.65	202	56034	7.99	ng/ul#	76
80) Pyrene	20.01	202	44538	6.49	ng/ul#	76
83) Benzo(a)anthracene	21.88	228	23852	4.08	ng/ul	98
85) Chrysene	21.95	228	20370m	3.75	ng/ul	
88) Benzo(b)fluoranthene	24.20	252	26942	4.68	ng/ul#	90
89) Benzo(k)fluoranthene	24.27	252	11034m	1.96	ng/ul	
91) Benzo(a)pyrene	25.12	252	18636	3.38	ng/ul#	83
92) Indeno(1,2,3-cd)pyrene	29.14	276	13380	2.08	ng/ul#	83
94) Benzo(g,h,i)perylene	30.35	276	11785m	2.23	ng/ul	

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

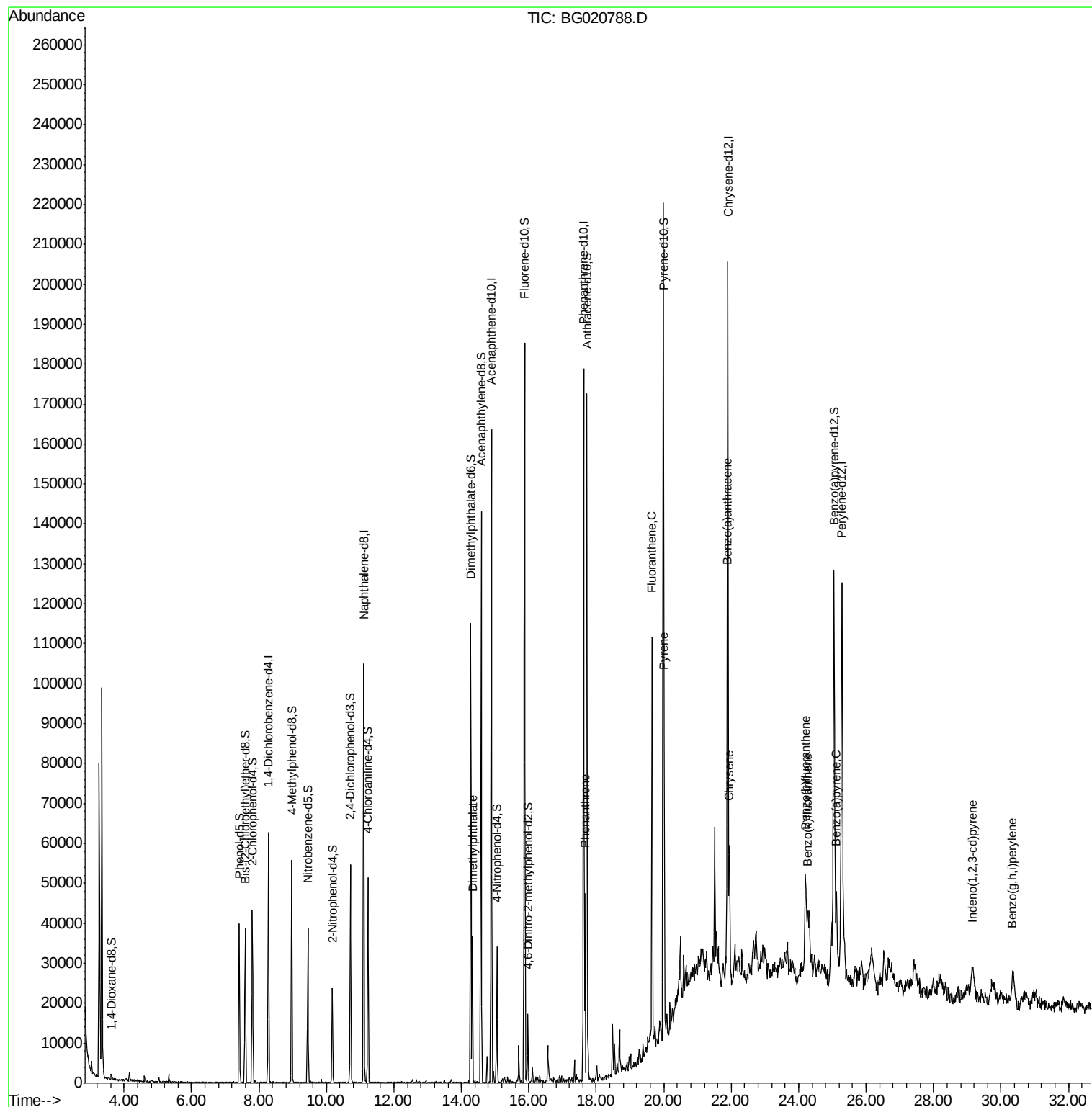
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020788.D
Acq On : 4 Feb 2016 15:51
Operator : SJ/IZ
Sample : H1334-16
Misc :
ALS Vial : 8 Sample Multiplier: 1

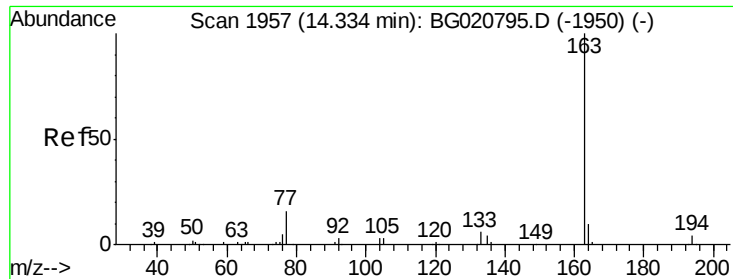
Instrument :
BNA_G
ClientSampleId :
BBG13

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Quant Time: Feb 05 04:57:19 2016
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Quant Title : SVOA CALIBRATION
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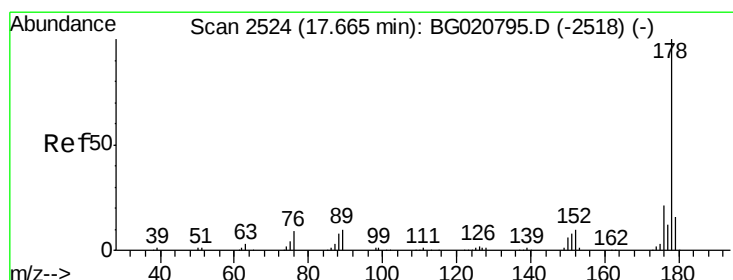
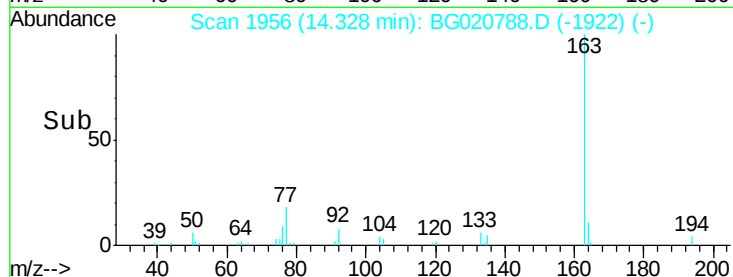
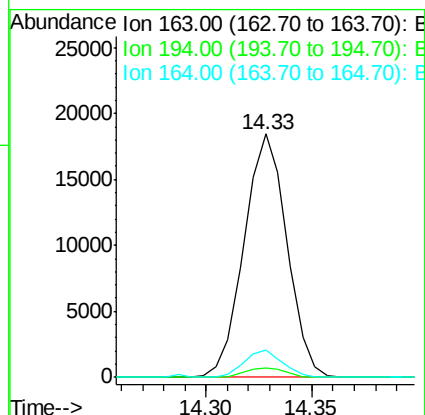
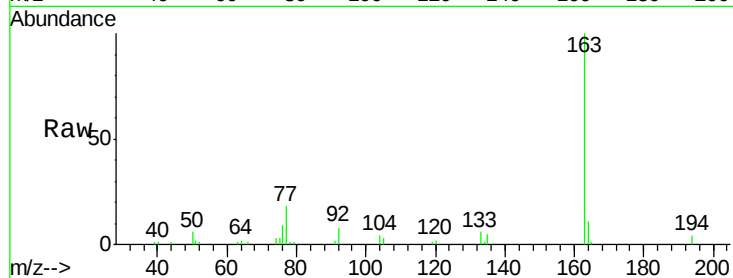
#45
Dimethylphthalate
Concen: 5.15 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. 0.00 min
Lab File: BG020788.D
Acq: 4 Feb 2016 15:51

Instrument :
BNA_G
ClientSampleID :
BBG13

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.6	4.0	6.0
164	11.0	8.4	12.6

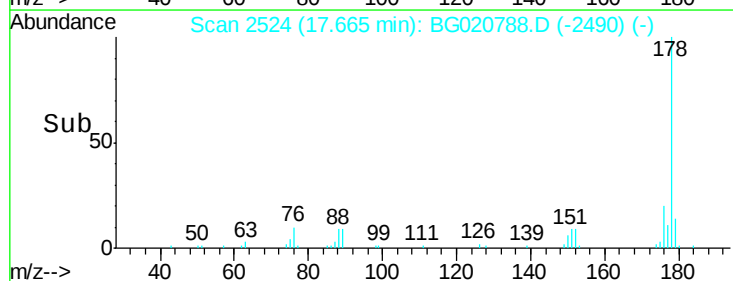
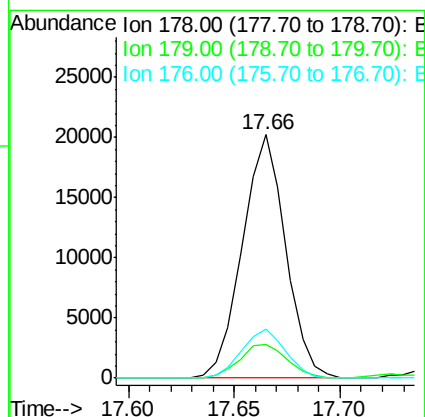
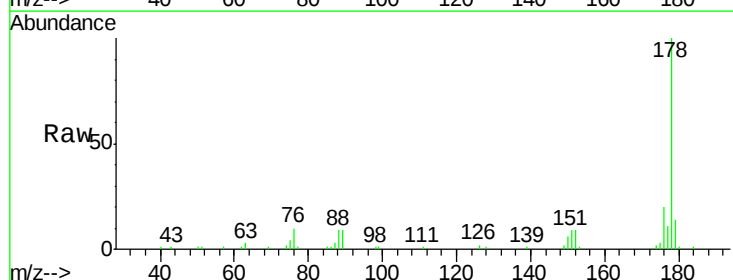
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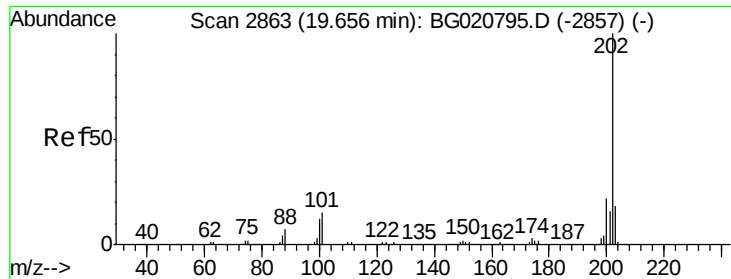
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#70
Phenanthrene
Concen: 4.21 ng/ul
RT: 17.66 min Scan# 2524
Delta R.T. 0.00 min
Lab File: BG020788.D
Acq: 4 Feb 2016 15:51

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.8	12.3	18.5
176	20.2	15.4	23.0





#77

Fluoranthene

Concen: 7.99 ng/ul

RT: 19.65 min Scan# 2862

Delta R.T. 0.00 min

Lab File: BG020788.D

Acq: 4 Feb 2016 15:51

Instrument :

BNA_G

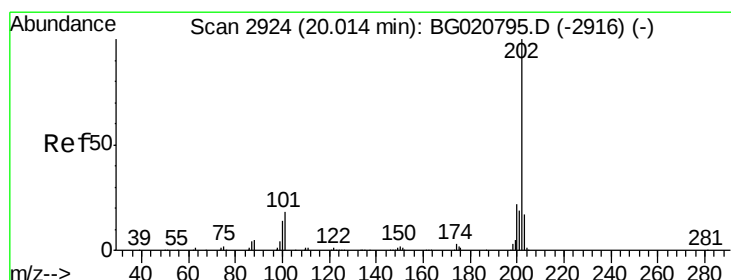
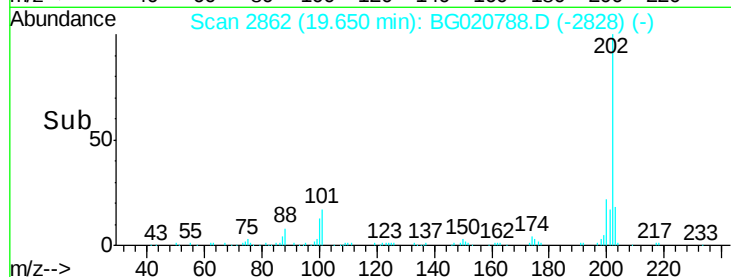
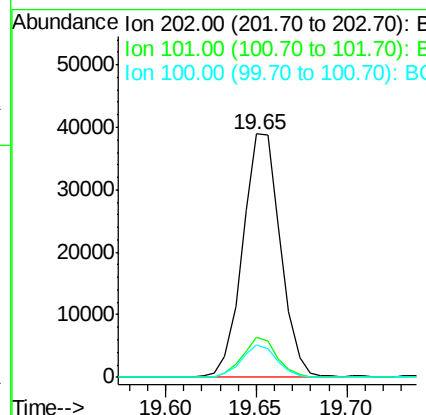
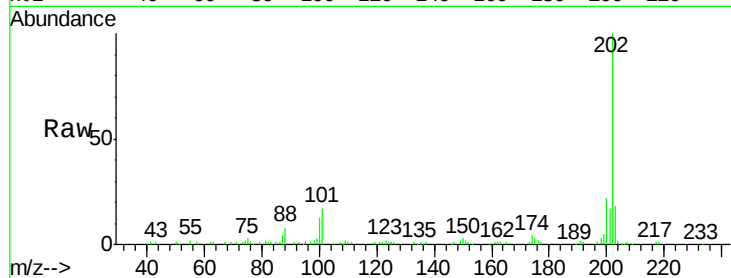
ClientSampleId :

BBG13

Tot Ion:	202	Resp:	56034
Ion Ratio	Lower	Upper	
202	100		
101	16.6	6.1	9.1#
100	13.1	4.6	7.0#

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#80

Pyrene

Concen: 6.49 ng/ul

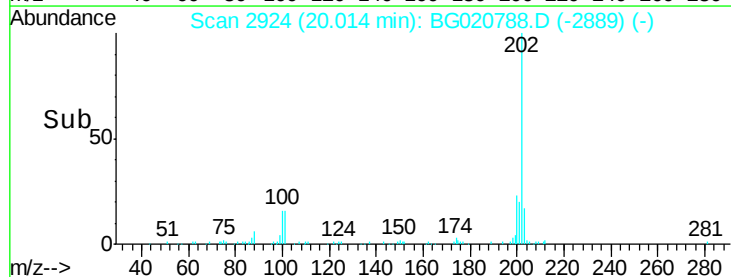
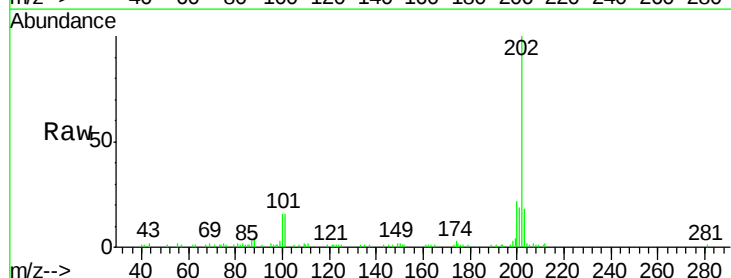
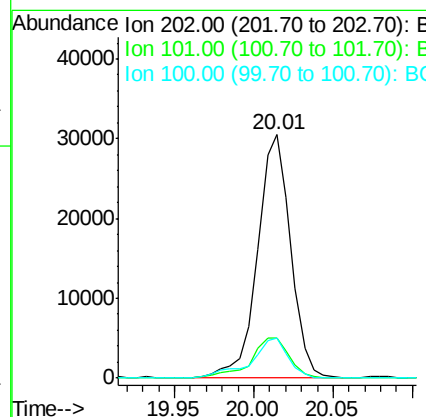
RT: 20.01 min Scan# 2924

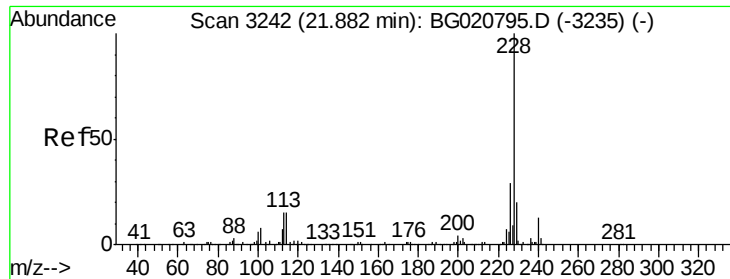
Delta R.T. 0.01 min

Lab File: BG020788.D

Acq: 4 Feb 2016 15:51

Tgt Ion:	202	Resp:	44538
Ion Ratio	Lower	Upper	
202	100		
101	16.2	6.9	10.3#
100	16.3	5.6	8.4#





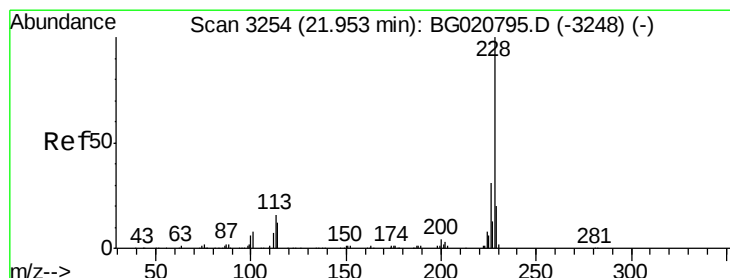
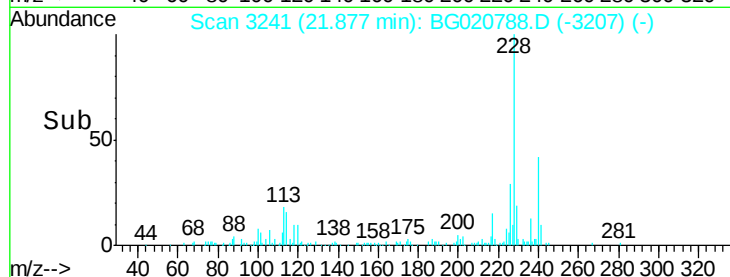
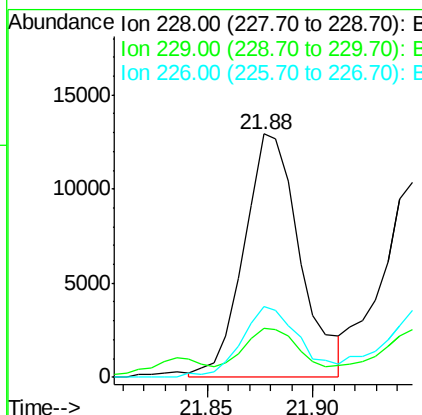
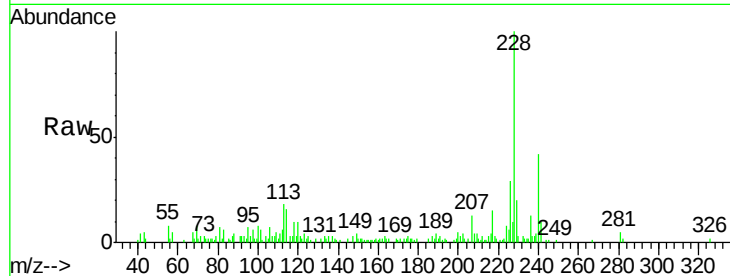
#83
Benzo(a)anthracene
Concen: 4.08 ng/ul
RT: 21.88 min Scan# 3241
Delta R.T. 0.00 min
Lab File: BG020788.D
Acq: 4 Feb 2016 15:51

Instrument :
BNA_G
ClientSampleId :
BBG13

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.4	16.0	24.0
226	29.1	21.8	32.8

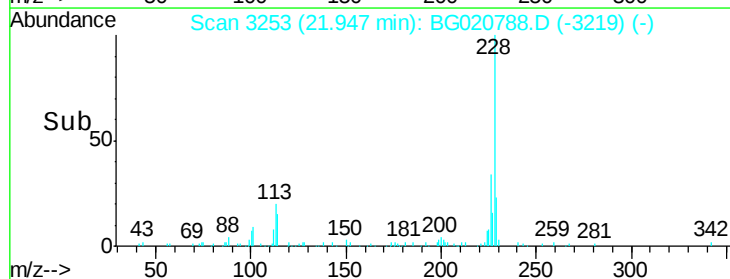
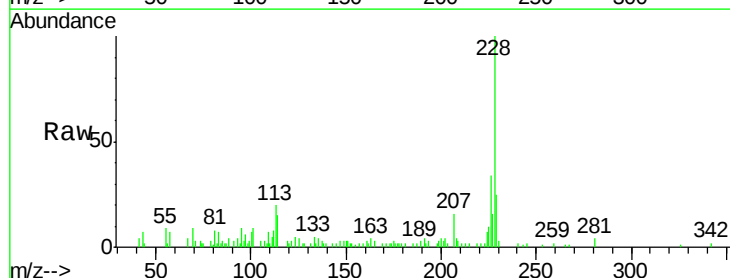
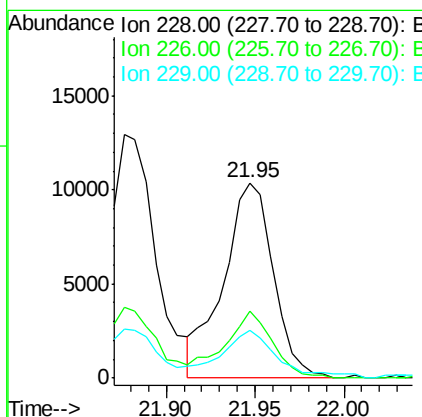
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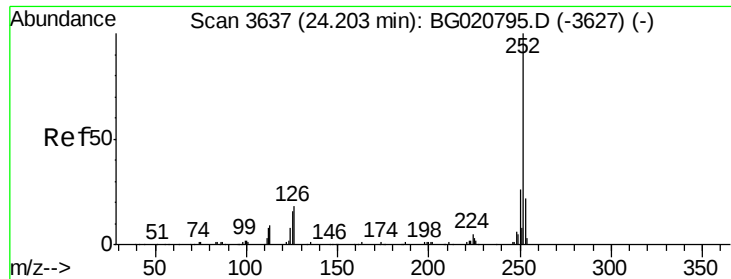
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#85
Chrysene
Concen: 3.75 ng/ul m
RT: 21.95 min Scan# 3253
Delta R.T. 0.00 min
Lab File: BG020788.D
Acq: 4 Feb 2016 15:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	34.2	24.1	36.1
229	24.6	16.0	24.0





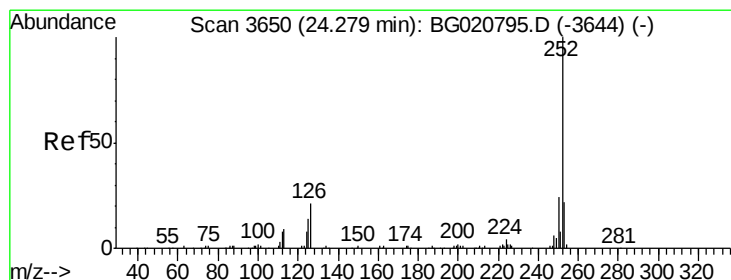
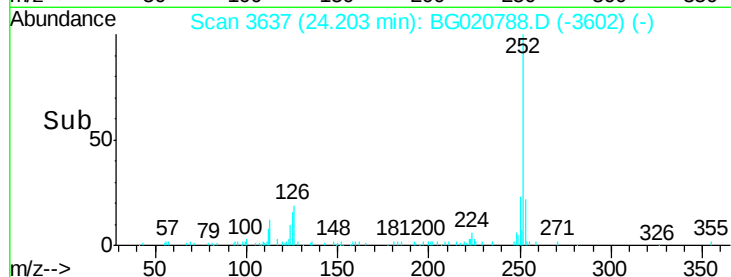
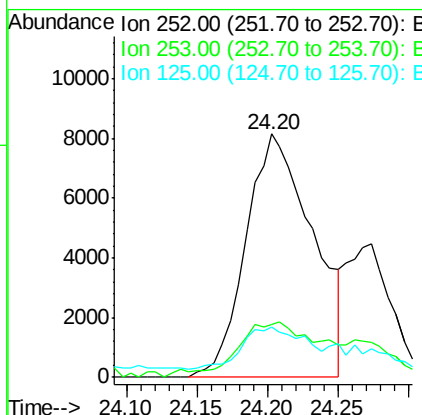
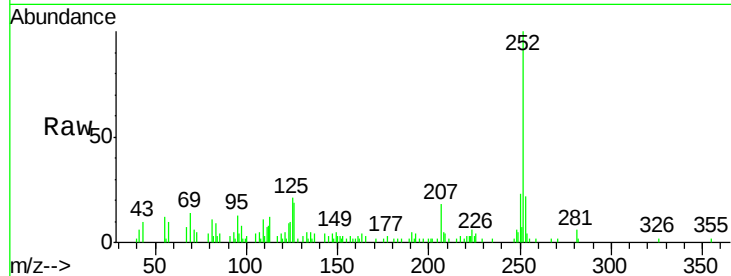
#88
Benzo(b)fluoranthene
Concen: 4.68 ng/ul
RT: 24.20 min Scan# 3637
Delta R.T. 0.01 min
Lab File: BG020788.D
Acq: 4 Feb 2016 15:51

Instrument :
BNA_G
ClientSampleId :
BBG13

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.4	26.0
125	20.6	4.9	7.3#

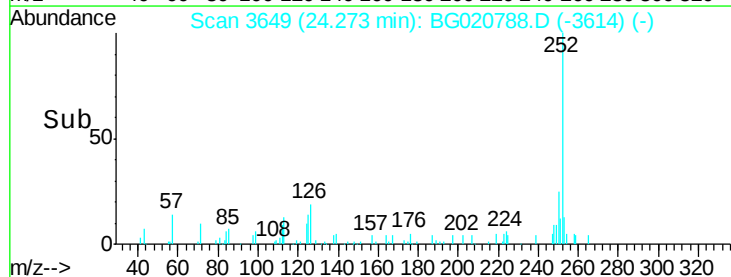
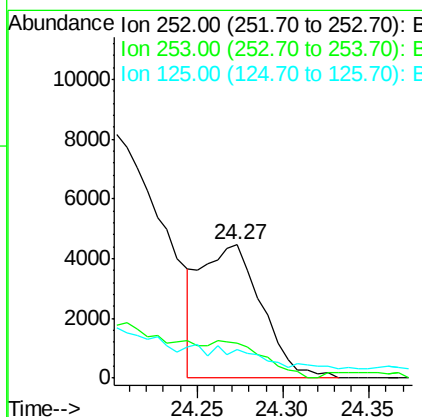
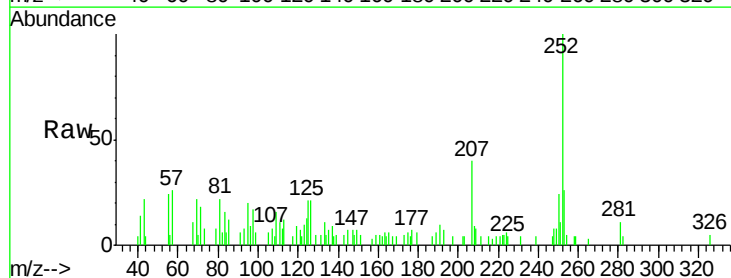
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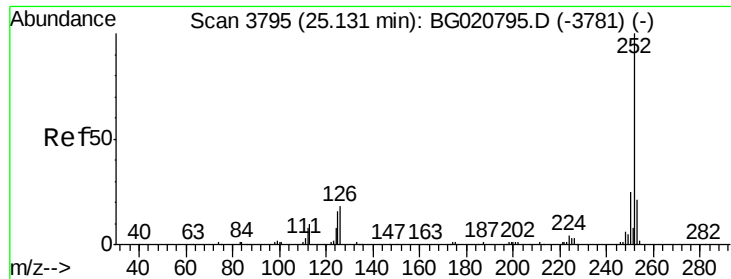
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#89
Benzo(k)fluoranthene
Concen: 1.96 ng/ul m
RT: 24.27 min Scan# 3649
Delta R.T. 0.01 min
Lab File: BG020788.D
Acq: 4 Feb 2016 15:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.0	17.1	25.7#
125	21.3	5.4	8.0#





#91

Benzo(a)pyrene

Concen: 3.38 ng/ul

RT: 25.12 min Scan# 3793

Delta R.T. 0.00 min

Lab File: BG020788.D

Acq: 4 Feb 2016 15:51

Instrument :

BNA_G

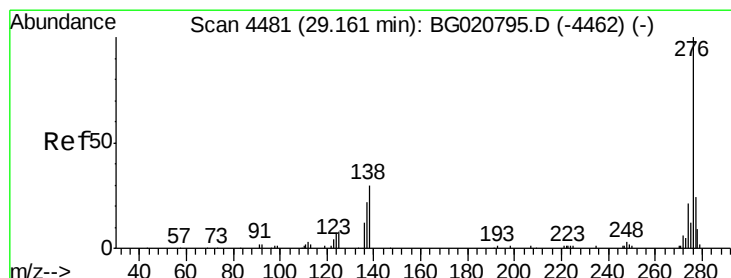
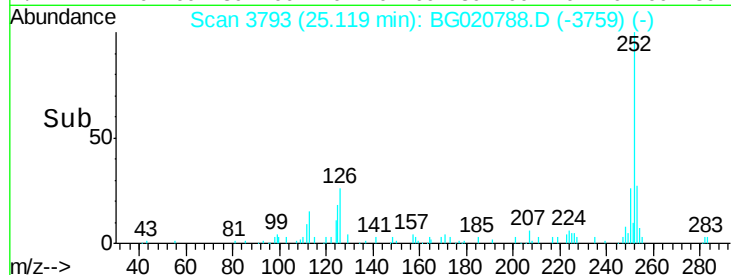
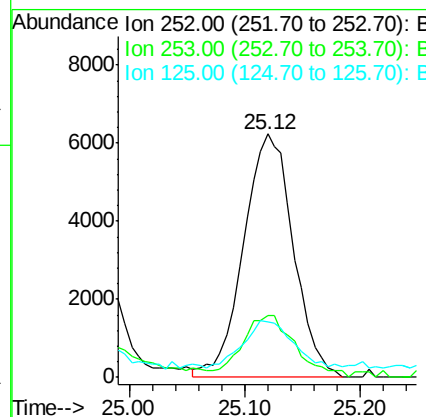
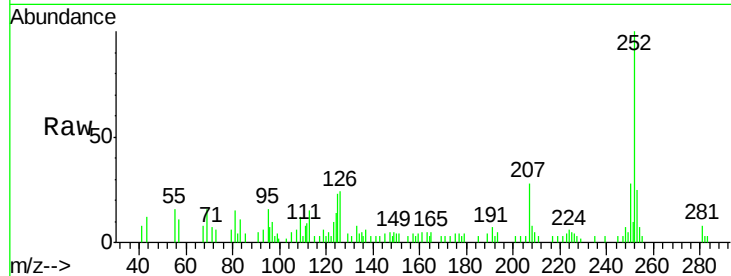
ClientSampleId :

BBG13

Tot Ion:	252	Resp:	18636
Ion Ratio	Lower	Upper	
252	100		
253	25.5	17.2	25.8
125	22.6	5.8	8.6#

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#92

Indeno(1,2,3-cd)pyrene

Concen: 2.08 ng/ul

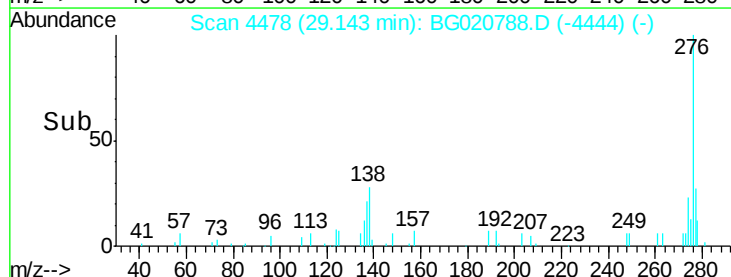
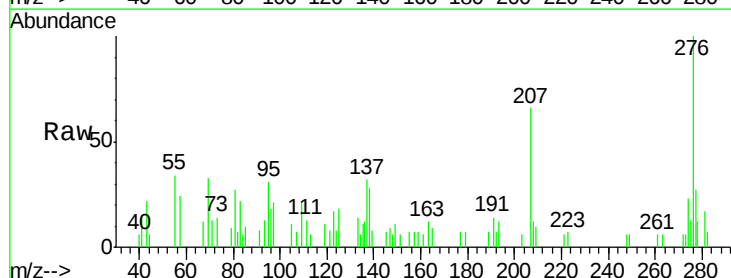
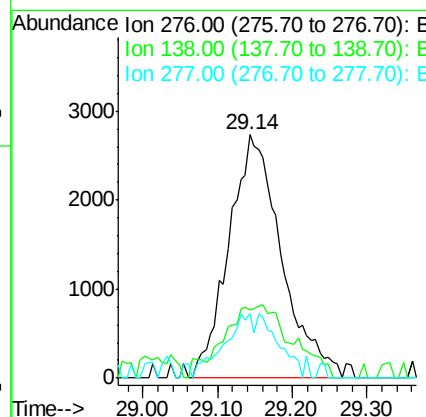
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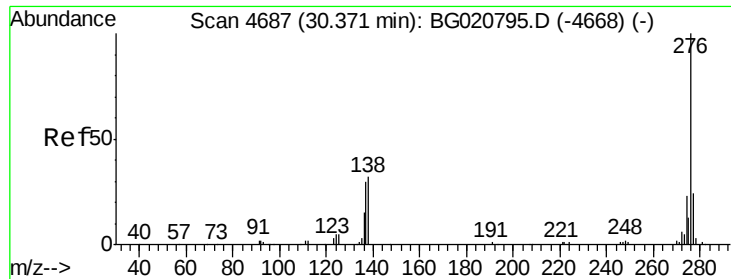
Delta R.T. 0.00 min

Lab File: BG020788.D

Acq: 4 Feb 2016 15:51

Tgt Ion:	276	Resp:	13380
Ion Ratio	Lower	Upper	
276	100		
138	28.0	10.9	16.3#
277	26.5	18.9	28.3





#94
 Benzo(a,h,i)perylene
 Concen: 2.23 ng/ul m
 RT: 30.35 min Scan# 4683
 Delta R.T. 0.00 min
 Lab File: BG020788.D
 Acq: 4 Feb 2016 15:51

Instrument :
 BNA_G
 ClientSampleId :
 BBG13

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.0	11.2	16.8#
277	26.6	19.0	28.6

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