

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
 Data File : BG020797.D
 Acq On : 4 Feb 2016 22:25
 Operator : SJ/IZ
 Sample : H1334-20
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BBG17

Manual Integrations
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 2/5/2016 3:39:27 PM

Quant Time: Feb 05 07:48:19 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 05 07:34:32 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	18767	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	95724	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.89	164	54878	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	106595	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	92712	20.00	ng/ul	0.00
86) Perylene-d12	25.28	264	86692	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	913	2.33	ng/uL	0.00
5) Phenol-d5	7.41	99	23932	12.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	14411	14.40	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	20909	14.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	20522	12.38	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	10185	17.44	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	9043	17.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	19666	14.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.23	131	26862	13.66	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	64538	13.77	ng/ul	0.00
47) Acenaphthylene-d8	14.59	160	87484	15.31	ng/ul	0.00
52) 4-Nitrophenol-d4	15.05	143	6888	8.31	ng/ul	0.00
58) Fluorene-d10	15.87	176	58320	14.23	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	2971	8.44	ng/ul	0.00
71) Anthracene-d10	17.72	188	82021	15.65	ng/ul	0.00
79) Pyrene-d10	19.98	212	80332	15.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.05	264	76878	16.55	ng/ul	0.00

Target Compounds

						Ovalue
45) Dimethylphthalate	14.33	163	24642	5.04	ng/ul	99
70) Phenanthrene	17.66	178	54960	8.21	ng/ul	98
72) Anthracene	17.75	178	15537	2.32	ng/ul	99
77) Fluoranthene	19.66	202	92509	13.45	ng/ul#	81
80) Pyrene	20.01	202	79194	11.30	ng/ul#	76
83) Benzo(a)anthracene	21.88	228	47905	8.02	ng/ul	95
85) Chrysene	21.95	228	40122	7.23	ng/ul	95
88) Benzo(b)fluoranthene	24.21	252	49867	8.78	ng/ul#	90
89) Benzo(k)fluoranthene	24.26	252	17028m	3.06	ng/ul	
91) Benzo(a)pyrene	25.13	252	37543	6.91	ng/ul#	92
92) Indeno(1,2,3-cd)pyrene	29.15	276	23254	3.66	ng/ul#	80
94) Benzo(g,h,i)perylene	30.37	276	20326m	3.90	ng/ul	

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

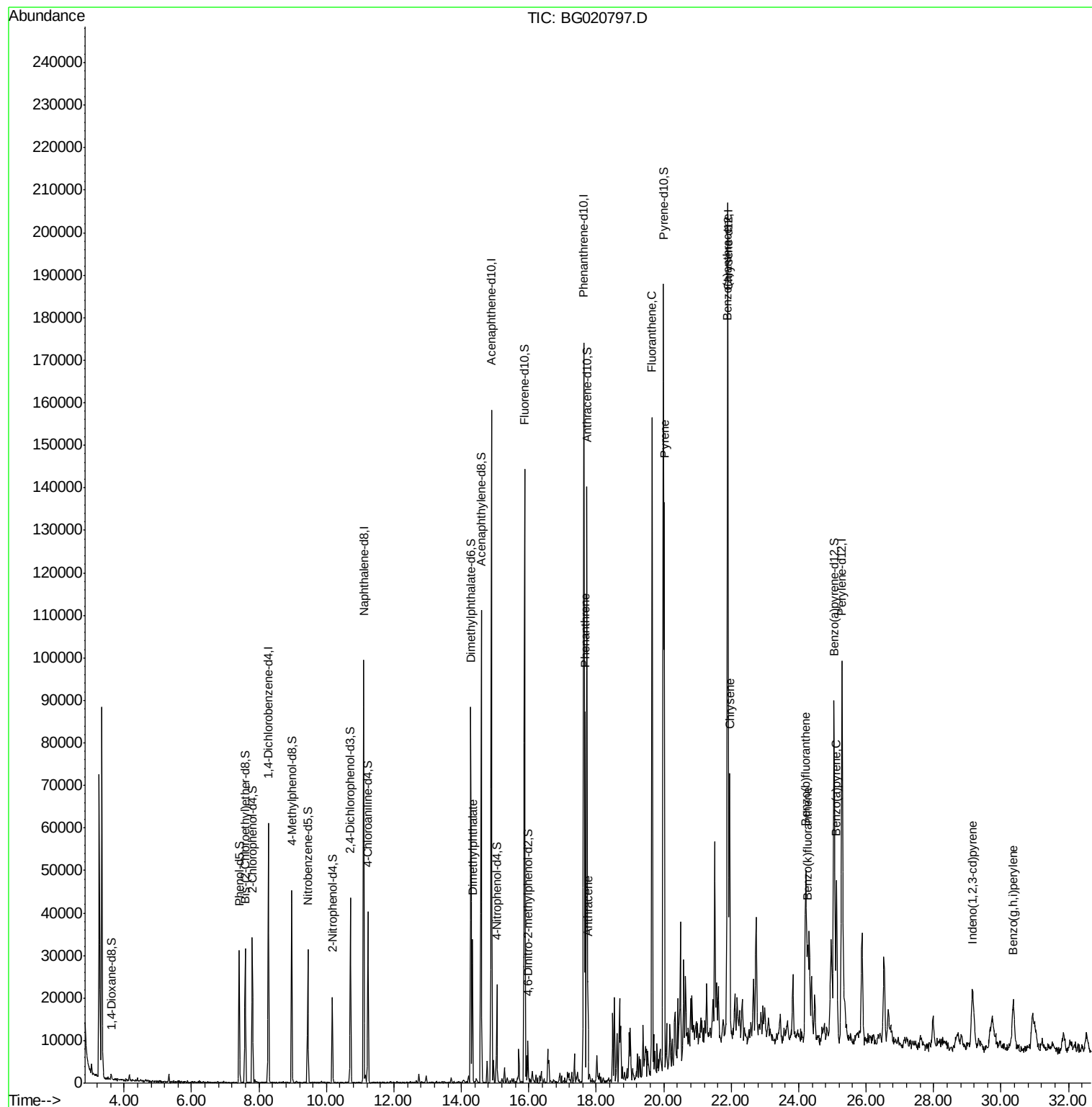
Data Path : Z:\HPCHEM1\BNA G\DATA\BG020416\
Data File : BG020797.D
Acq On : 4 Feb 2016 22:25
Operator : SJ/IZ
Sample : H1334-20
Misc :
ALS Vial : 16 Sample Multiplier: 1

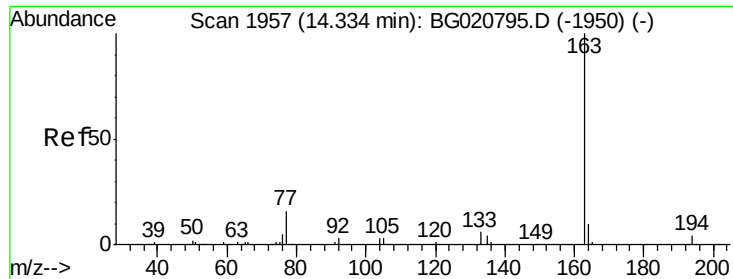
Instrument :
BNA_G
ClientSampleID :
BBG17

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Quant Time: Feb 05 07:48:19 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG012716.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 05 07:34:32 2016
Response via : Initial Calibration





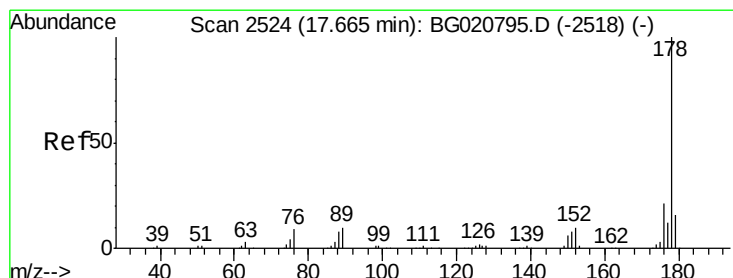
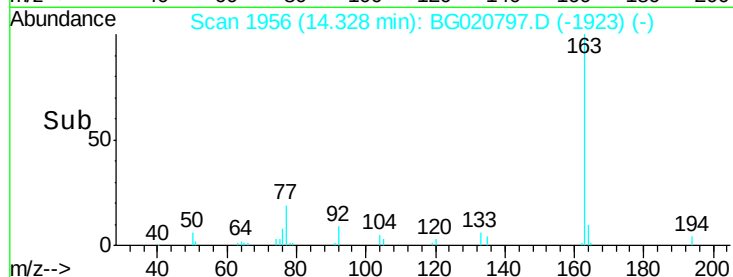
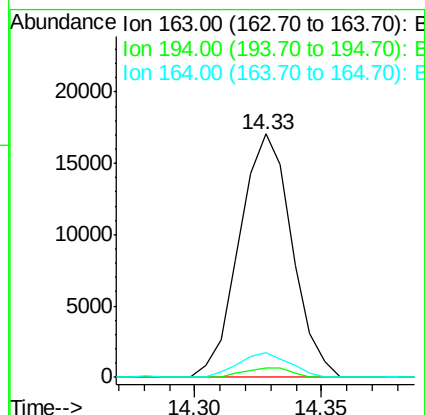
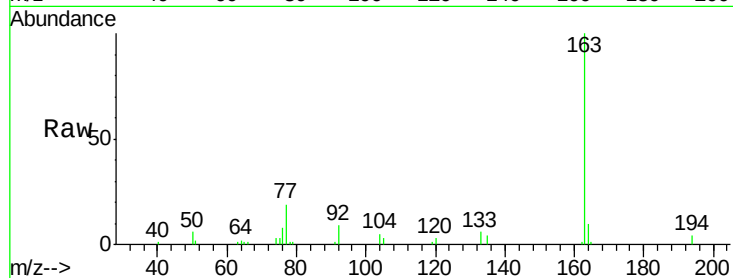
#45
Dimethylphthalate
Concen: 5.04 ng/ul
RT: 14.33 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG020797.D
Acq: 4 Feb 2016 22:25

Instrument :
BNA_G
ClientSampleId :
BBG17

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	4.0	6.0
164	10.3	8.4	12.6

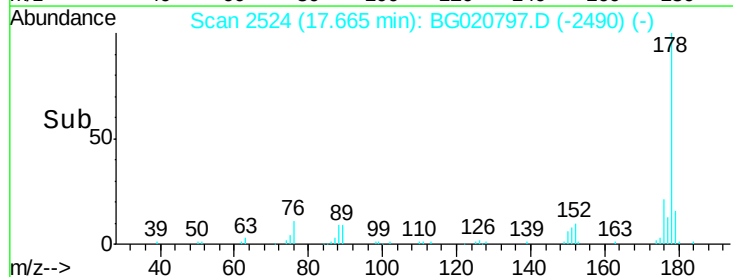
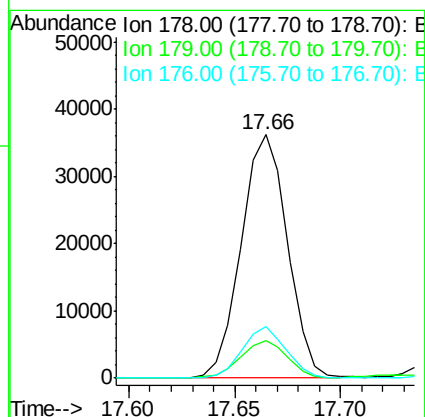
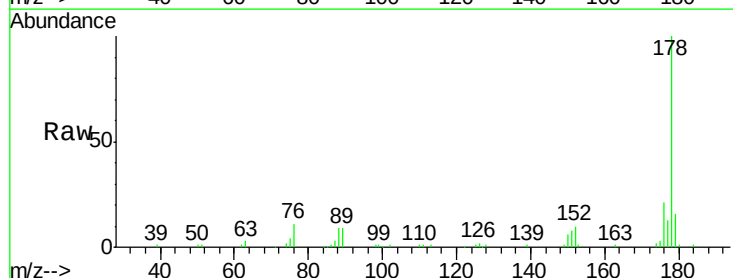
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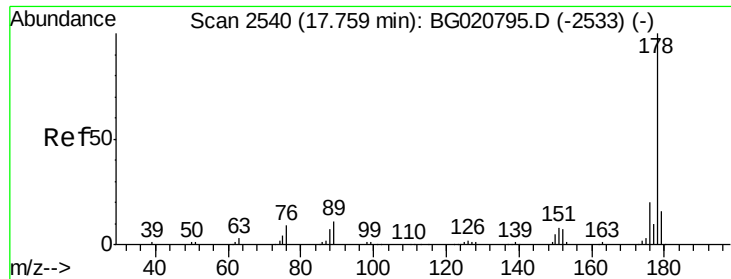
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#70
Phenanthrene
Concen: 8.21 ng/ul
RT: 17.66 min Scan# 2524
Delta R.T. -0.00 min
Lab File: BG020797.D
Acq: 4 Feb 2016 22:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	21.0	15.4	23.0





#72

Anthracene

Concen: 2.32 ng/ul

RT: 17.75 min Scan# 2539

Delta R.T. -0.01 min

Lab File: BG020797.D

Acq: 4 Feb 2016 22:25

Instrument :

BNA_G

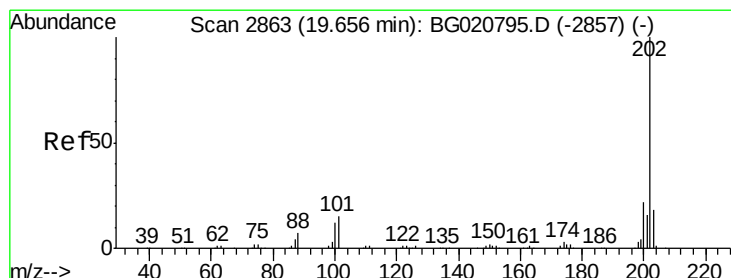
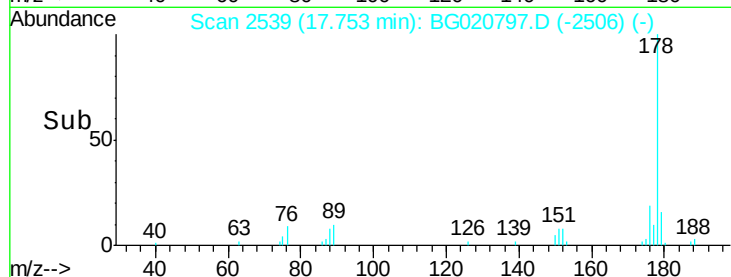
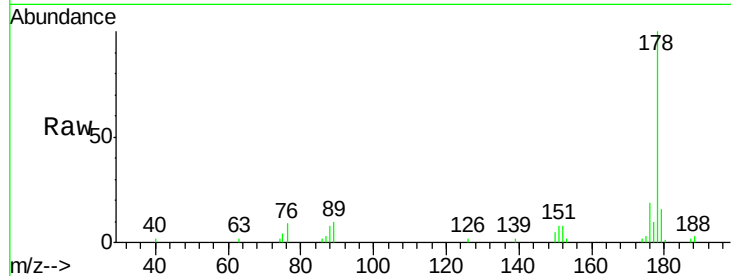
ClientSampleId :

BBG17

Tot Ion:	178	Resp:	15537
Ion Ratio	Lower	Upper	
178	100		
179	15.5	13.4	20.2
176	19.2	15.4	23.0

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#77

Fluoranthene

Concen: 13.45 ng/ul

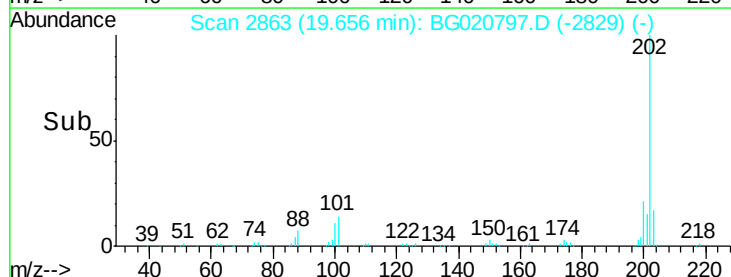
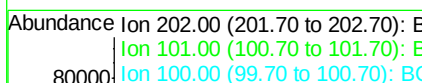
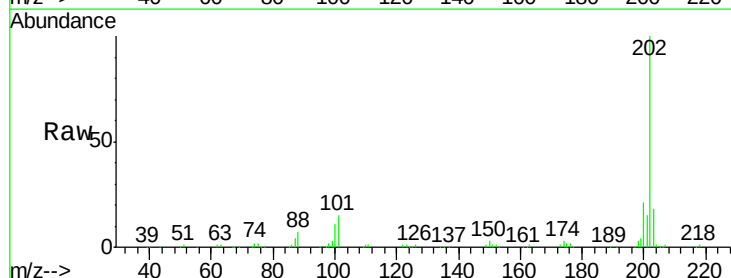
RT: 19.66 min Scan# 2863

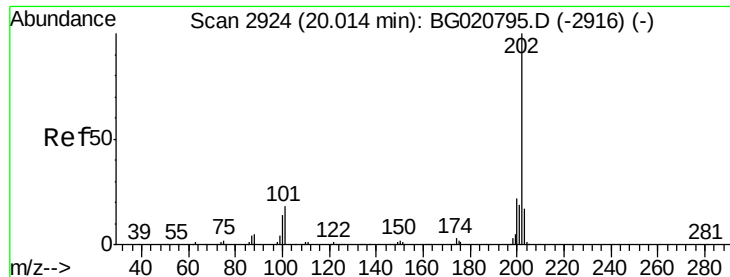
Delta R.T. 0.00 min

Lab File: BG020797.D

Acq: 4 Feb 2016 22:25

Tgt Ion:	202	Resp:	92509
Ion Ratio	Lower	Upper	
202	100		
101	14.8	6.1	9.1#
100	11.1	4.6	7.0#





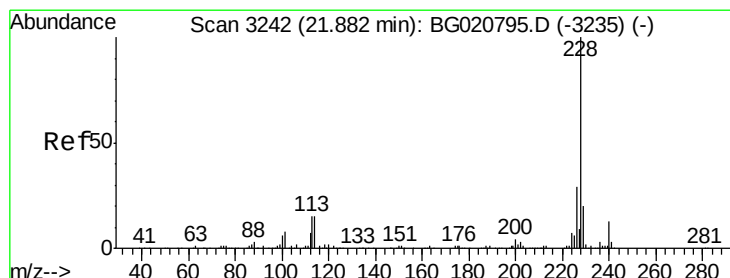
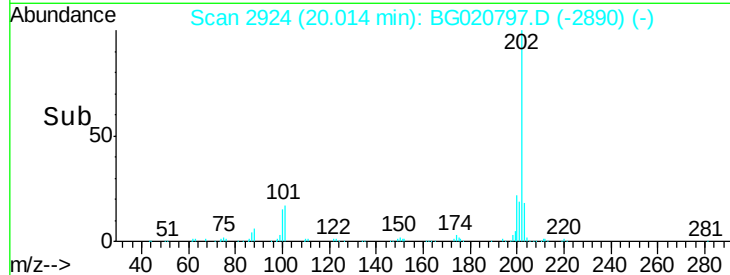
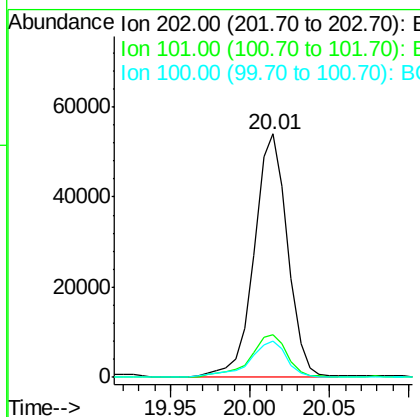
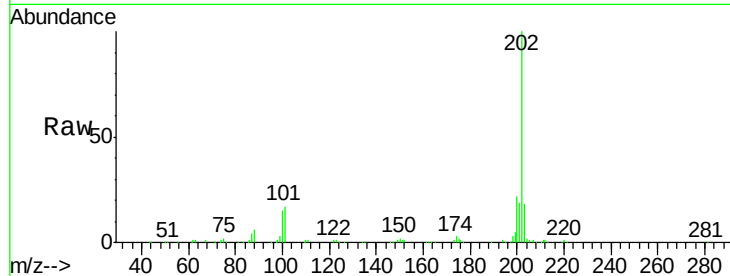
#80
Pvrene
Concen: 11.30 ng/ul
RT: 20.01 min Scan# 2924
Delta R.T. 0.00 min
Lab File: BG020797.D
Acq: 4 Feb 2016 22:25

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	17.4	6.9	10.3#
100	15.1	5.6	8.4#

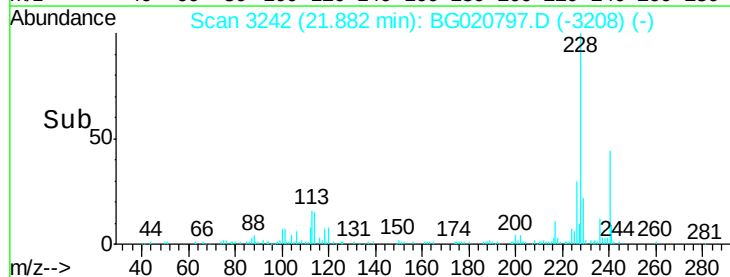
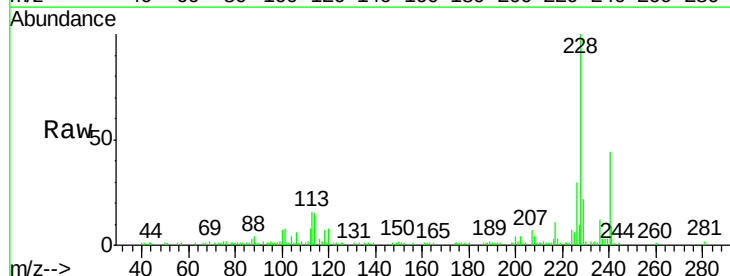
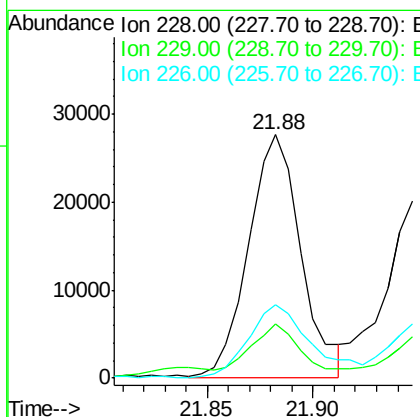
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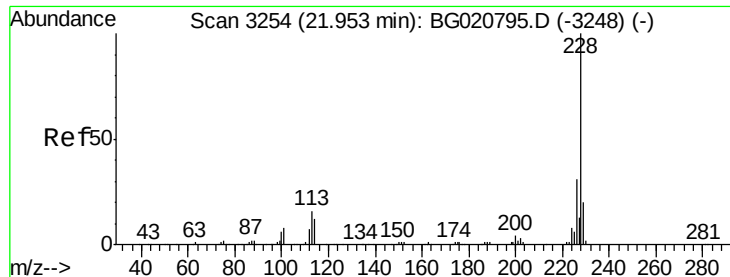
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#83
Benzo(a)anthracene
Concen: 8.02 ng/ul
RT: 21.88 min Scan# 3242
Delta R.T. 0.00 min
Lab File: BG020797.D
Acq: 4 Feb 2016 22:25

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	22.1	16.0	24.0
226	30.0	21.8	32.8





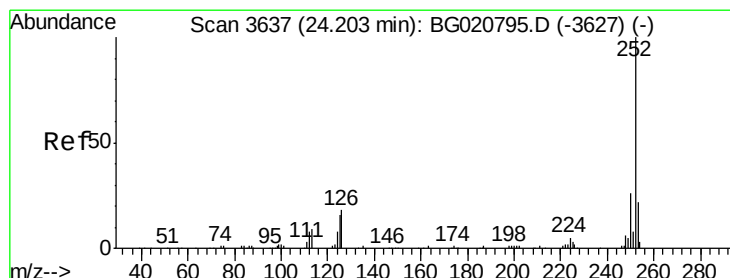
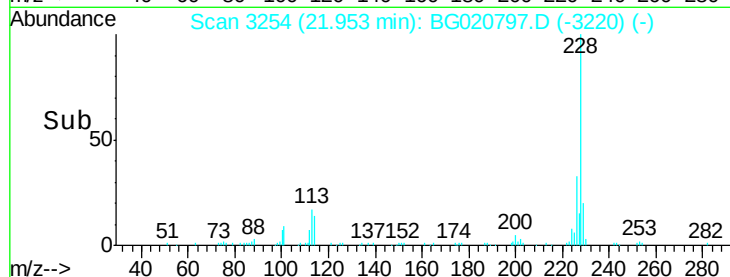
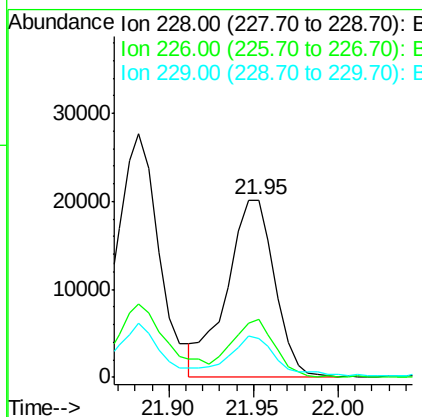
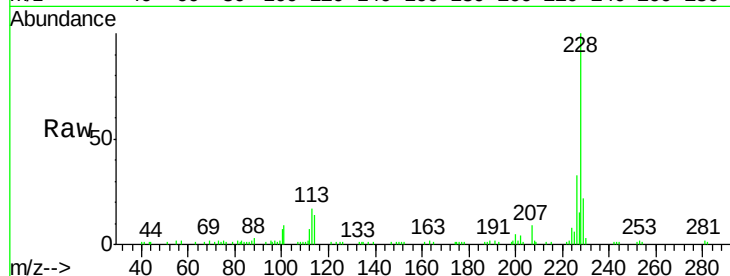
#85
Chrysene
Concen: 7.23 ng/ul
RT: 21.95 min Scan# 3254
Delta R.T. -0.00 min
Lab File: BG020797.D
Acq: 4 Feb 2016 22:25

Instrument :
BNA_G
ClientSampleId :
BBG17

Tot Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.1	36.1
229	21.7	16.0	24.0

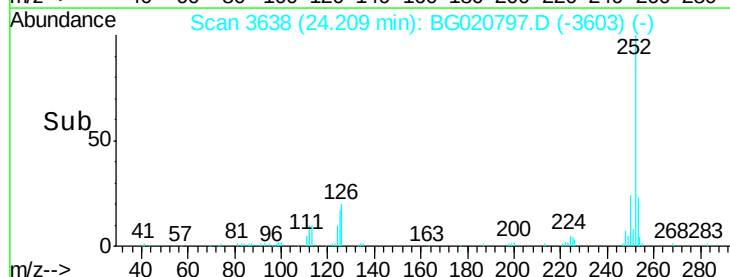
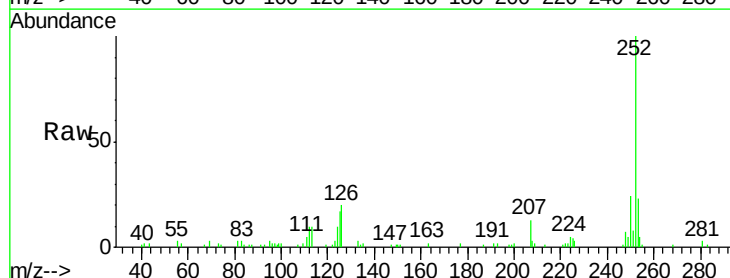
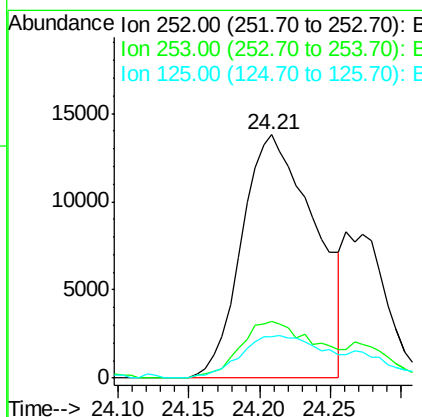
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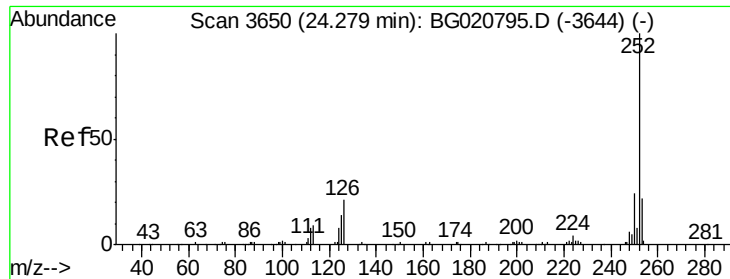
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#88
Benzo(b)fluoranthene
Concen: 8.78 ng/ul
RT: 24.21 min Scan# 3638
Delta R.T. 0.01 min
Lab File: BG020797.D
Acq: 4 Feb 2016 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	16.9	4.9	7.3#





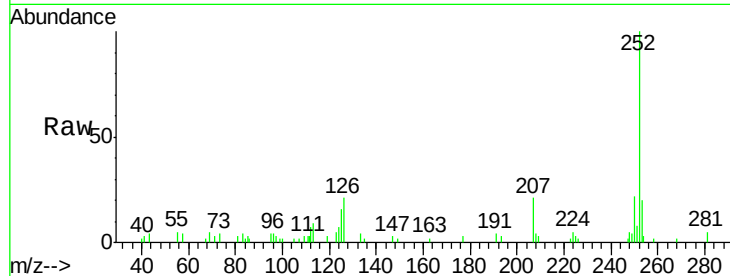
#89
Benzo(k)fluoranthene
Concen: 3.06 ng/ul m
RT: 24.26 min Scan# 3647
Delta R.T. -0.02 min
Lab File: BG020797.D
Acq: 4 Feb 2016 22:25

Instrument :
BNA_G
ClientSampleId :
BBG17

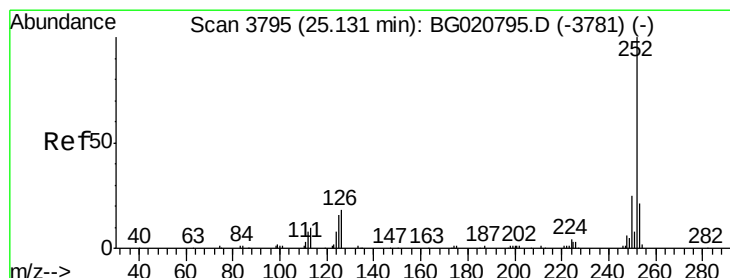
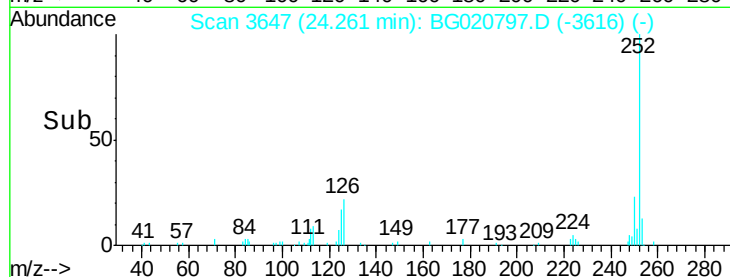
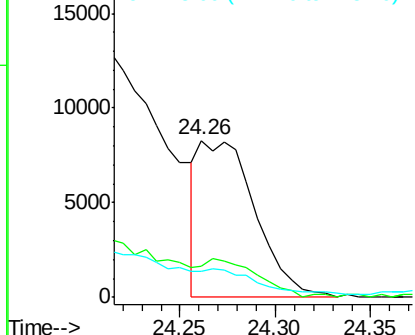
Tot Ion	Ratio	Lower	Upper
252	100		
253	19.9	17.1	25.7
125	16.2	5.4	8.0

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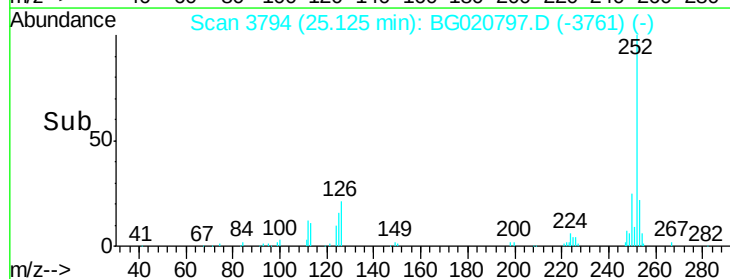
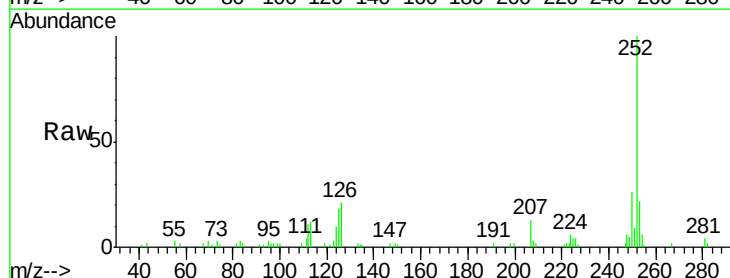
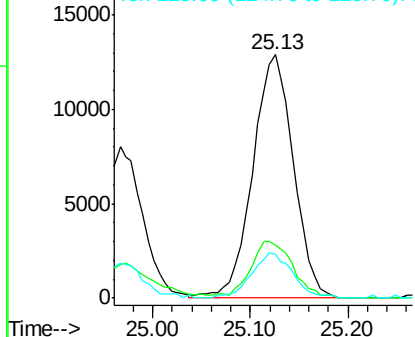
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

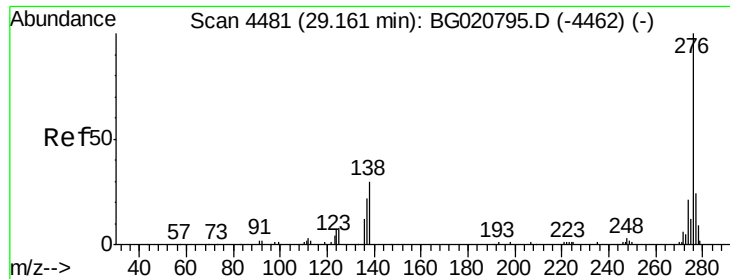


#91
Benzo(a)pyrene
Concen: 6.91 ng/ul
RT: 25.13 min Scan# 3794
Delta R.T. -0.01 min
Lab File: BG020797.D
Acq: 4 Feb 2016 22:25

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	17.2	25.8
125	18.0	5.8	8.6

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





#92

Indeno(1,2,3-cd)pyrene

Concen: 3.66 ng/ul

RT: 29.15 min Scan# 4479

Delta R.T. -0.01 min

Lab File: BG020797.D

Acq: 4 Feb 2016 22:25

Instrument :

BNA_G

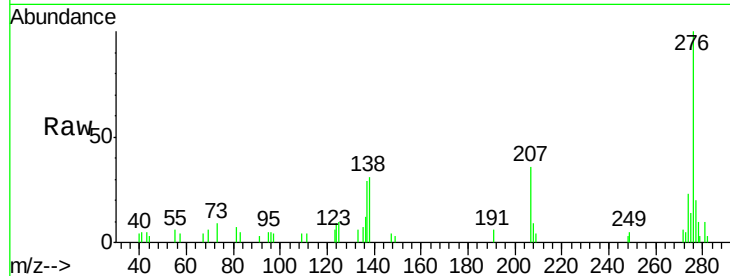
ClientSampleId :

BBG17

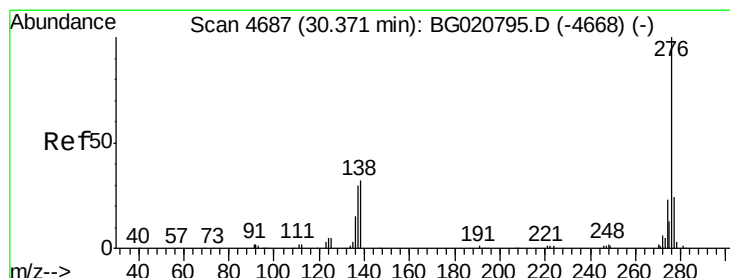
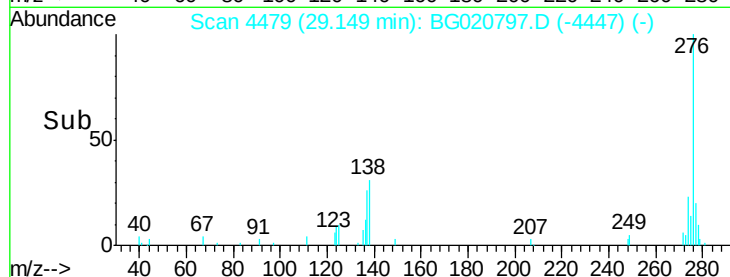
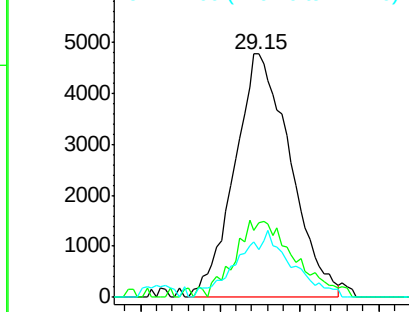
Tot Ion:	276	Resp:	23254
Ion Ratio	Lower	Upper	
276	100		
138	30.5	10.9	16.3#
277	19.6	18.9	28.3

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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



#94

Benzo(g,h,i)perylene

Concen: 3.90 ng/ul m

RT: 30.37 min Scan# 4687

Delta R.T. -0.00 min

Lab File: BG020797.D

Acq: 4 Feb 2016 22:25

Tgt Ion:	276	Resp:	20326
Ion Ratio	Lower	Upper	
276	100		
138	37.0	11.2	16.8#
277	23.7	19.0	28.6

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

