

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011416\
 Data File : BG020738.D
 Acq On : 15 Jan 2016 00:27
 Operator : SJ/IZ
 Sample : H1101-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC9F2

Manual Integrations
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mohammad
 1/15/2016 2:44:01 PM

Quant Time: Jan 15 01:30:11 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Jan 14 23:48:02 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	19765	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	83531	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	58212	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	147548	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	174542	20.00	ng/ul	0.00
86) Perylene-d12	24.95	264	160109	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.41	96	884	2.19	ng/uL	0.00
5) Phenol-d5	7.20	99	21464	12.67	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.36	67	14585	14.32	ng/ul	0.00
9) 2-Chlorophenol-d4	7.57	132	17870	13.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.76	113	3840m	2.69	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	9938	15.08	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	11307	14.77	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	18263	12.53	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	15802	10.95	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	76756	15.11	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	88518	15.52	ng/ul	0.00
52) 4-Nitrophenol-d4	14.90	143	7770m	11.39	ng/ul	0.00
58) Fluorene-d10	15.68	176	71182	15.72	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	9307m	11.60	ng/ul	0.00
71) Anthracene-d10	17.53	188	114294	15.80	ng/ul	0.00
79) Pyrene-d10	19.81	212	136587	16.45	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	137532	16.11	ng/ul	0.00

Target Compounds

						Qvalue
45) Dimethylphthalate	14.12	163	41663	7.63	ng/ul#	98
70) Phenanthrene	17.47	178	42501	4.84	ng/ul	99
72) Anthracene	17.56	178	9777	1.10	ng/ul	95
77) Fluoranthene	19.48	202	57782	5.41	ng/ul	99
80) Pyrene	19.84	202	81282	7.34	ng/ul	99
83) Benzo(a)anthracene	21.68	228	40507	3.72	ng/ul	97
85) Chrysene	21.74	228	40462	3.93	ng/ul	97
88) Benzo(b)fluoranthene	23.92	252	32264	3.13	ng/ul#	95
89) Benzo(k)fluoranthene	23.97	252	12943m	1.27	ng/ul	
91) Benzo(a)pyrene	24.79	252	30676	3.09	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.65	276	15602m	1.33	ng/ul	
94) Benzo(g,h,i)perylene	29.84	276	15090m	1.56	ng/ul	

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

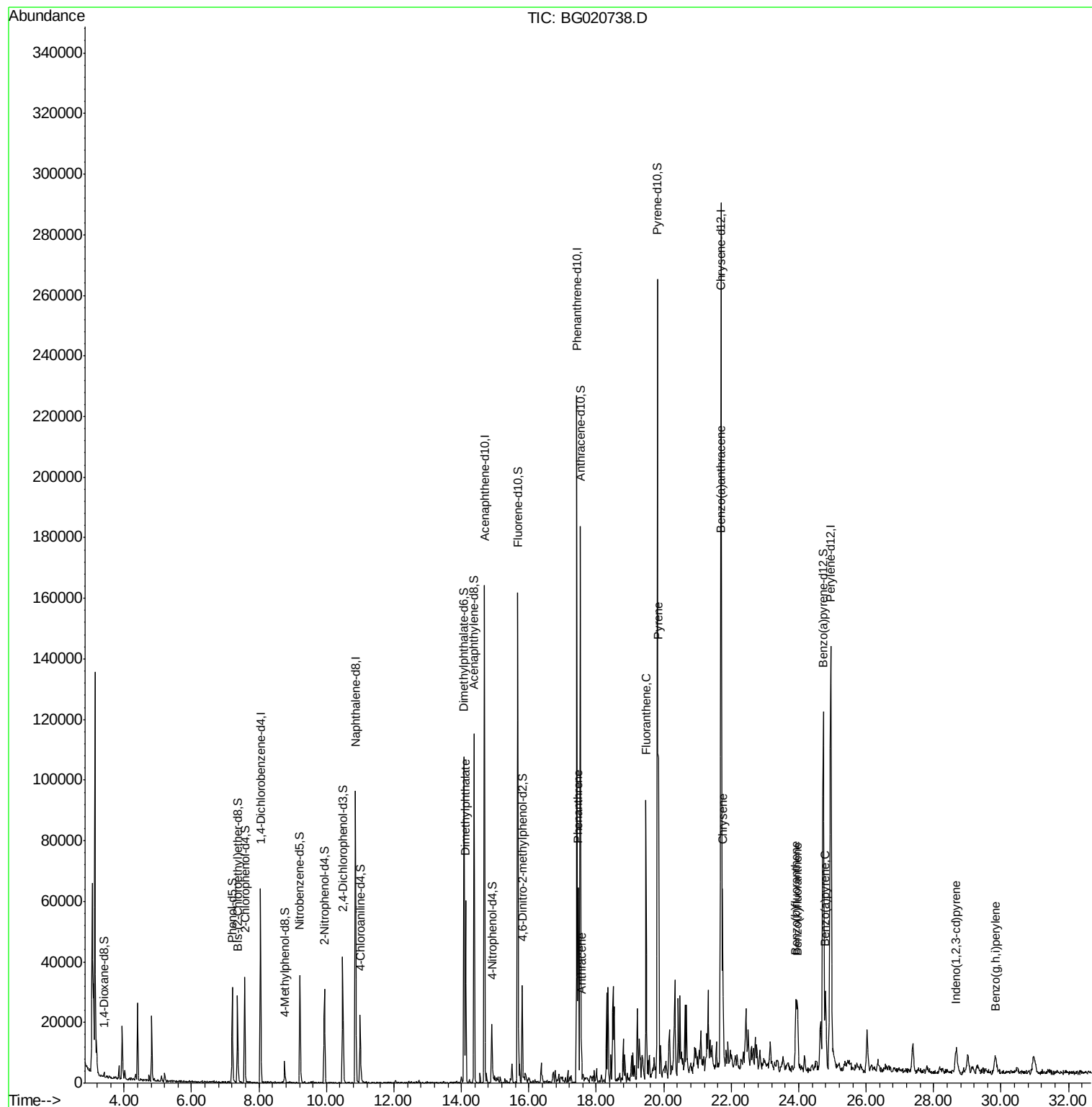
Data Path : Z:\HPCHEM1\BNA_G\DATA\BG011416\
Data File : BG020738.D
Acq On : 15 Jan 2016 00:27
Operator : SJ/IZ
Sample : H1101-11
Misc :
ALS Vial : 11 Sample Multiplier: 1

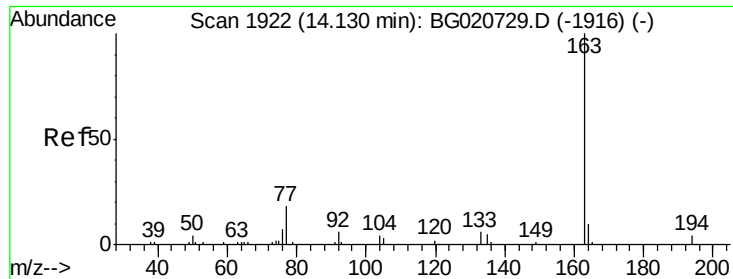
Instrument :
BNA_G
ClientSampleId :
BC9F2

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Quant Time: Jan 15 01:30:11 2016
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG011216.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jan 14 23:48:02 2016
Response via : Initial Calibration





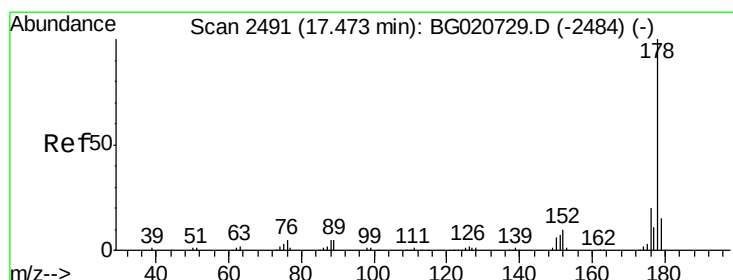
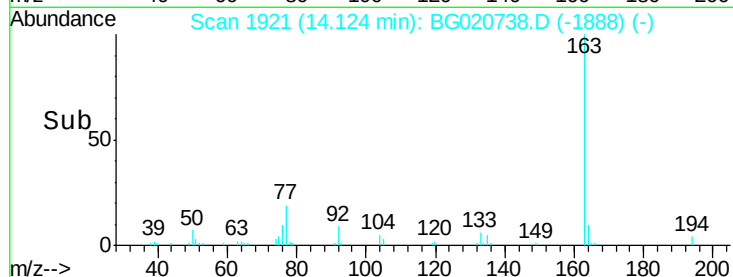
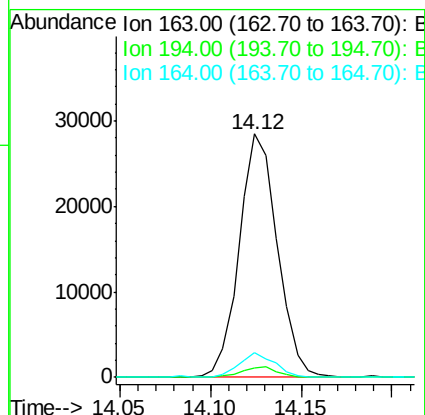
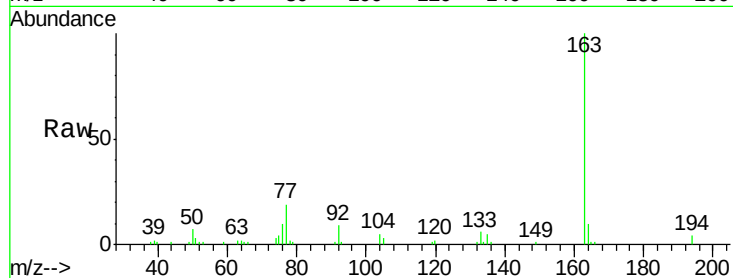
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Dimethylphthalate
Concen: 7.63 ng/ul
RT: 14.12 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG020738.D
Acq: 15 Jan 2016 00:27

Instrument :
BNA_G
ClientSampleId :
BC9F2

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.0	6.0#
164	10.1	8.4	12.6

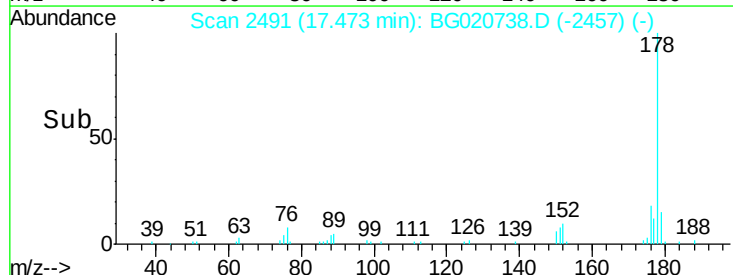
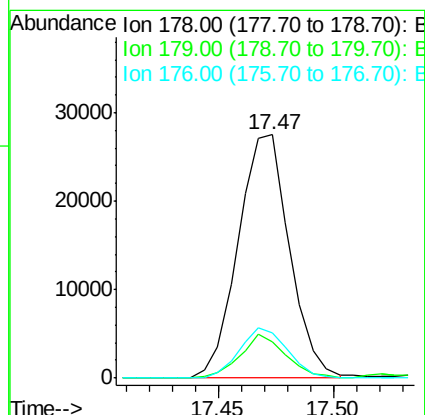
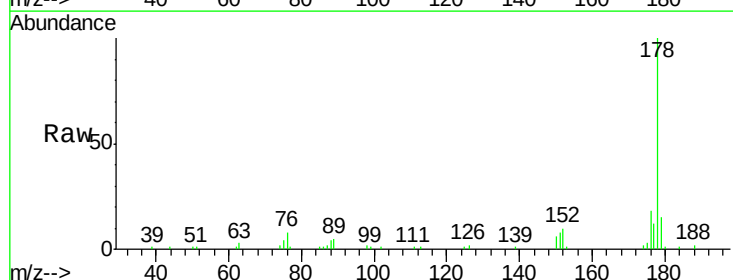
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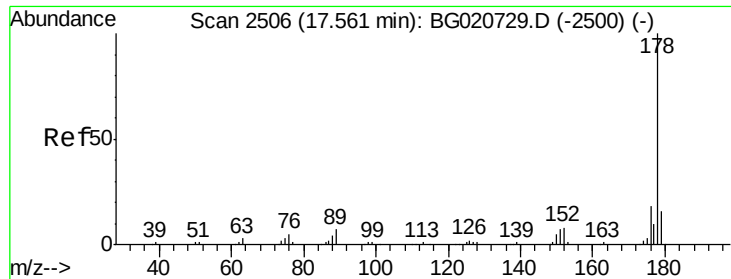
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#70
Phenanthrene
Concen: 4.84 ng/ul
RT: 17.47 min Scan# 2491
Delta R.T. 0.00 min
Lab File: BG020738.D
Acq: 15 Jan 2016 00:27

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	18.5	15.4	23.0





#72

Anthracene

Concen: 1.10 ng/ul

RT: 17.56 min Scan# 2506

Delta R.T. 0.00 min

Lab File: BG020738.D

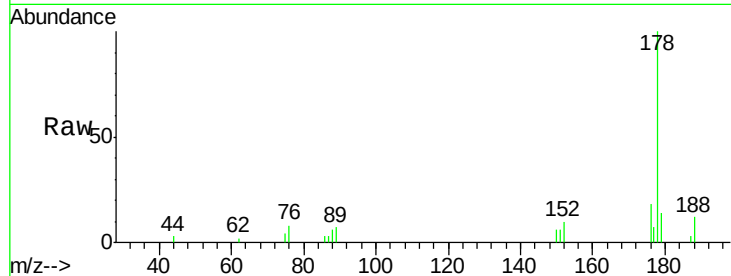
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Instrument :

BNA_G

ClientSampleId :

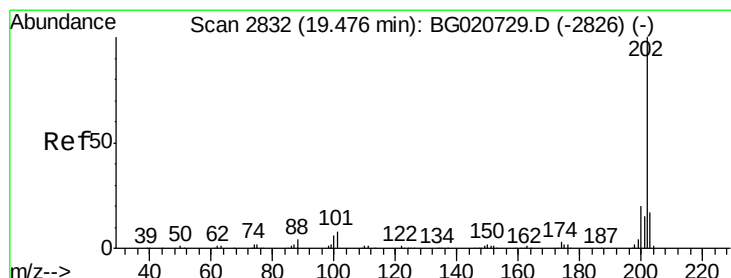
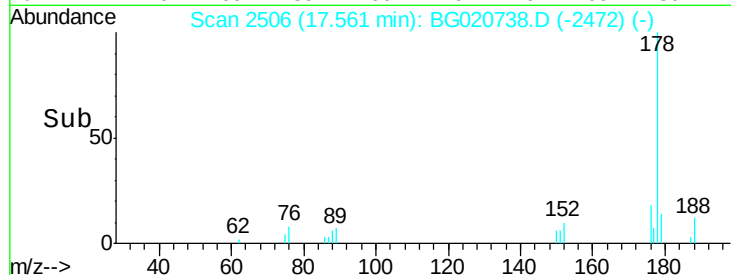
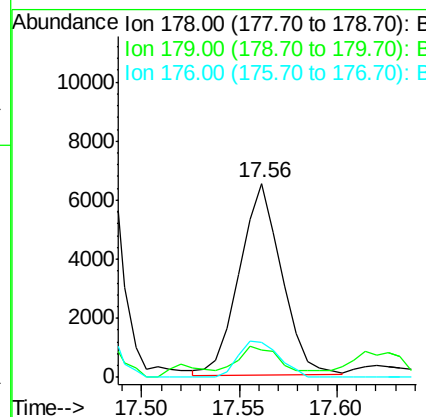
BC9F2



Tgt Ion:	178	Resp:	9777
Ion	Ratio	Lower	Upper
178	100		
179	14.0	13.4	20.2
176	17.7	15.4	23.0

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#77

Fluoranthene

Concen: 5.41 ng/ul

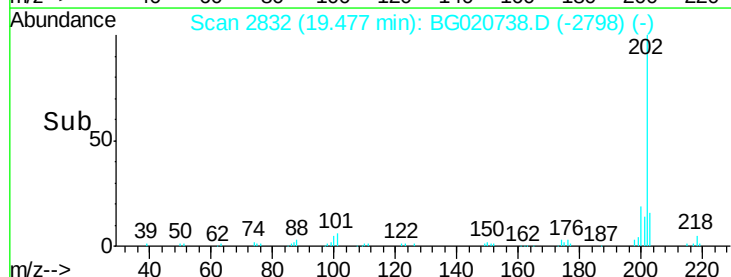
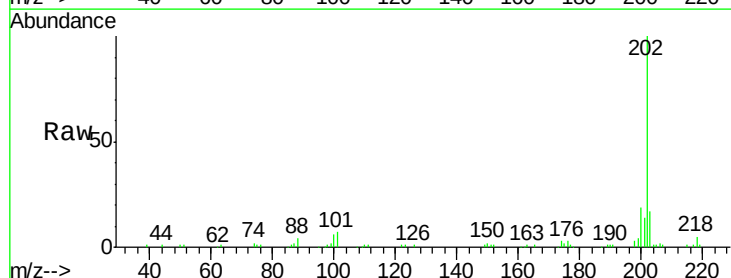
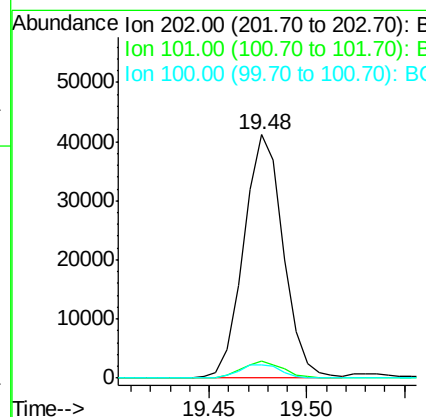
RT: 19.48 min Scan# 2832

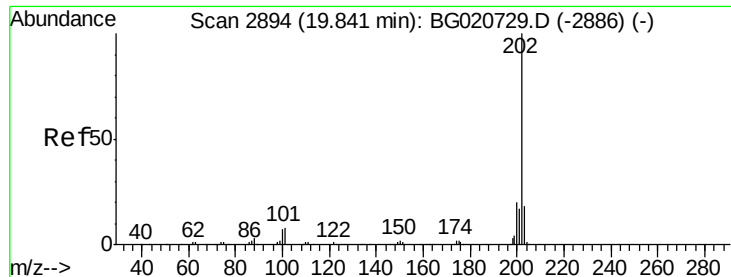
Delta R.T. 0.00 min

Lab File: BG020738.D

Acq: 15 Jan 2016 00:27

Tgt Ion:	202	Resp:	57782
Ion	Ratio	Lower	Upper
202	100		
101	7.2	6.1	9.1
100	5.6	4.6	7.0





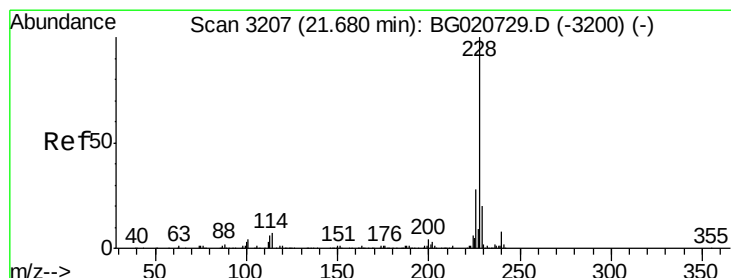
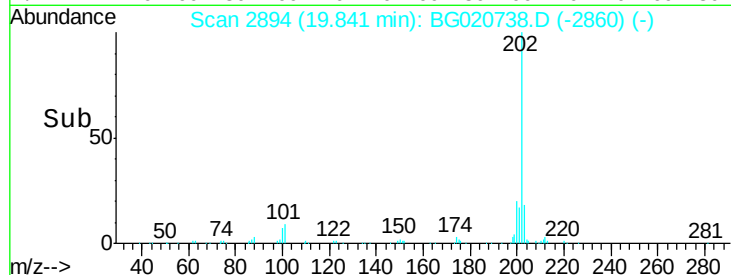
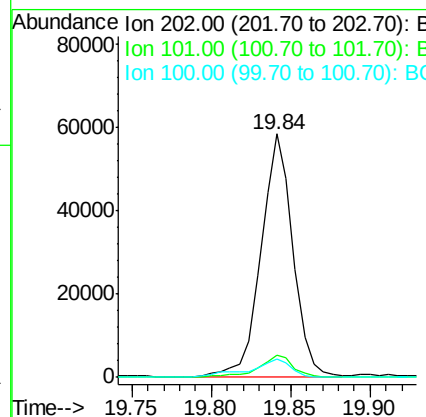
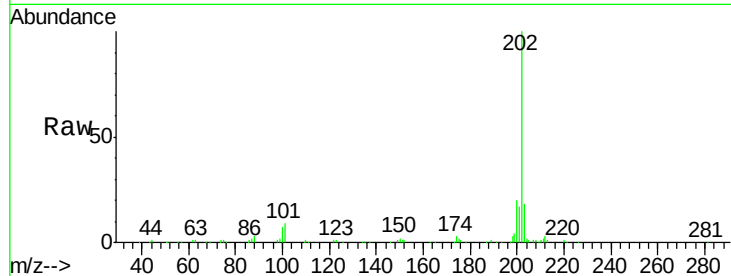
#80
Pyrene
Concen: 7.34 ng/ul
RT: 19.84 min Scan# 2894
Delta R.T. 0.00 min
Lab File: BG020738.D
Acq: 15 Jan 2016 00:27

Instrument :
BNA_G
ClientSampleId :
BC9F2

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	9.2	6.9	10.3
100	7.4	5.6	8.4

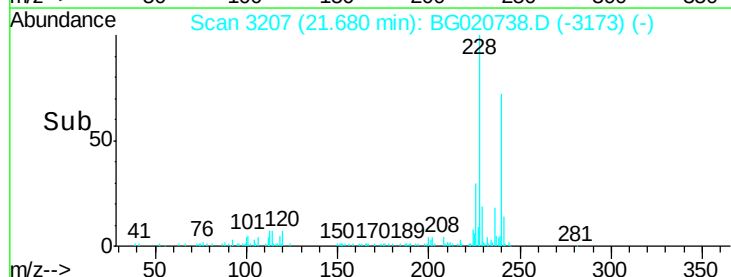
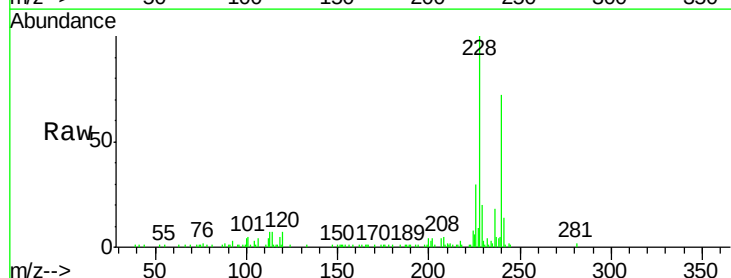
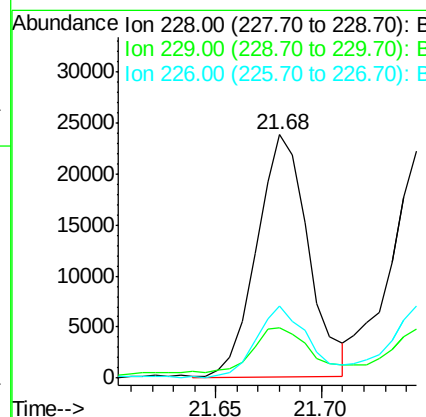
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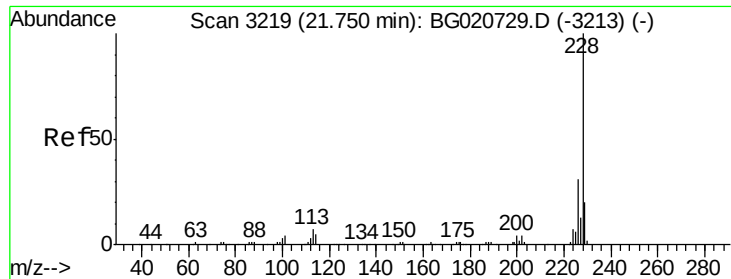
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#83
Benzo(a)anthracene
Concen: 3.72 ng/ul
RT: 21.68 min Scan# 3207
Delta R.T. 0.00 min
Lab File: BG020738.D
Acq: 15 Jan 2016 00:27

Tgt Ion	Ratio	Resp Lower	Resp Upper
228	100		
229	20.5	16.0	24.0
226	29.6	21.8	32.8





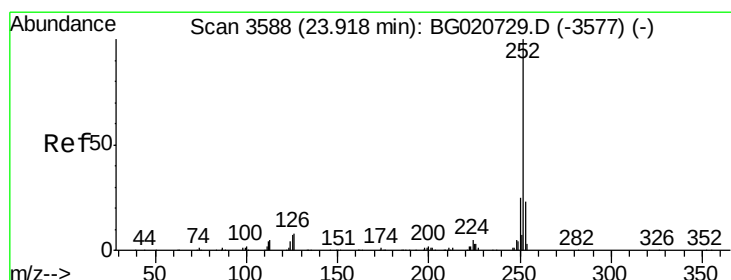
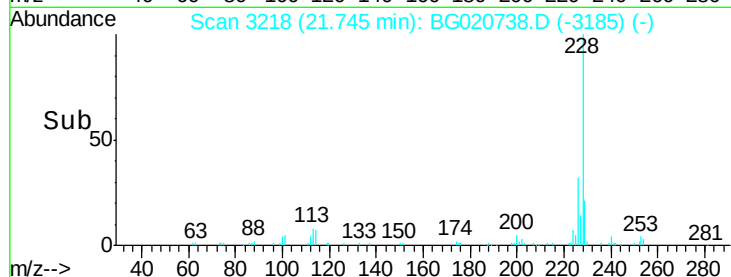
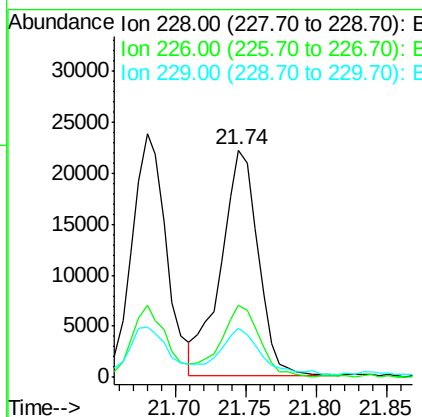
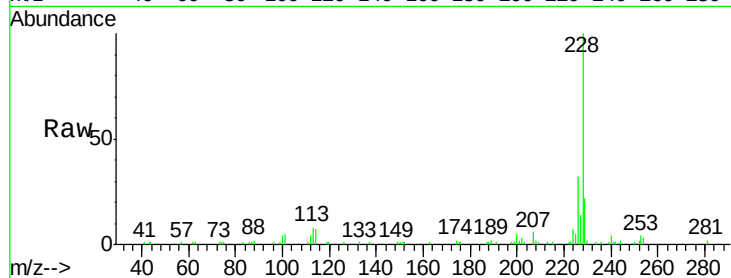
#85
Chrysene
Concen: 3.93 ng/ul
RT: 21.74 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BG020738.D
Acq: 15 Jan 2016 00:27

Instrument :
BNA_G
ClientSampleId :
BC9F2

Tgt Ion:	228	Resp:	40462
Ion Ratio	Lower	Upper	
228	100		
226	31.7	24.1	36.1
229	21.5	16.0	24.0

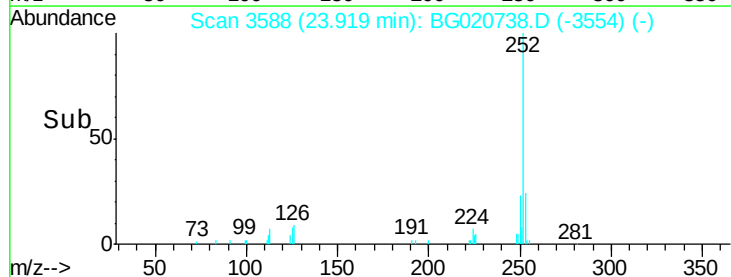
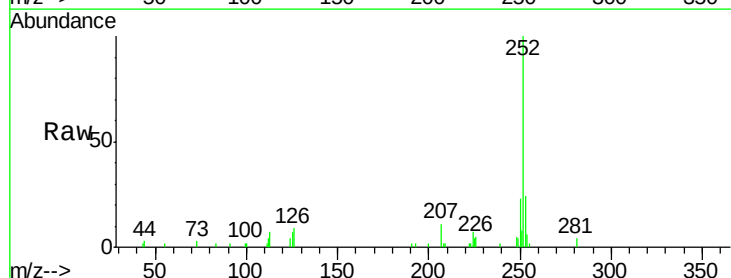
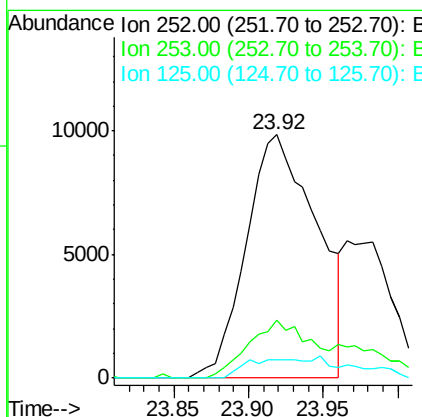
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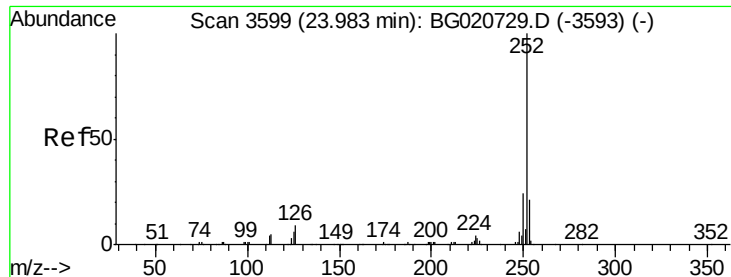
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#88
Benzo(b)fluoranthene
Concen: 3.13 ng/ul
RT: 23.92 min Scan# 3588
Delta R.T. 0.00 min
Lab File: BG020738.D
Acq: 15 Jan 2016 00:27

Tgt Ion:	252	Resp:	32264
Ion Ratio	Lower	Upper	
252	100		
253	23.9	17.4	26.0
125	7.5	4.9	7.3#





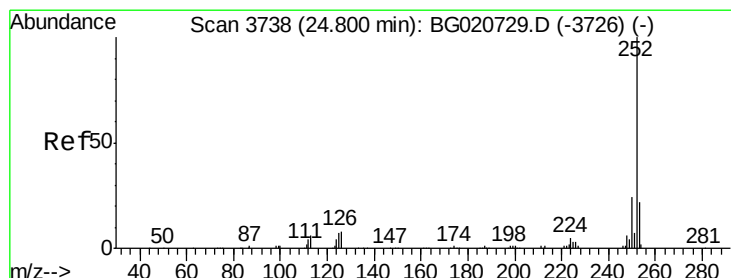
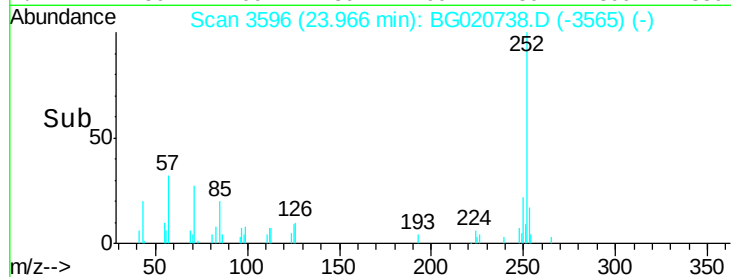
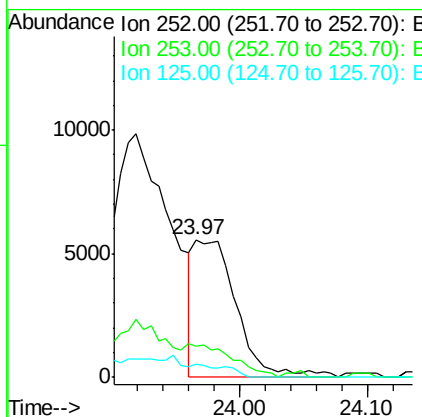
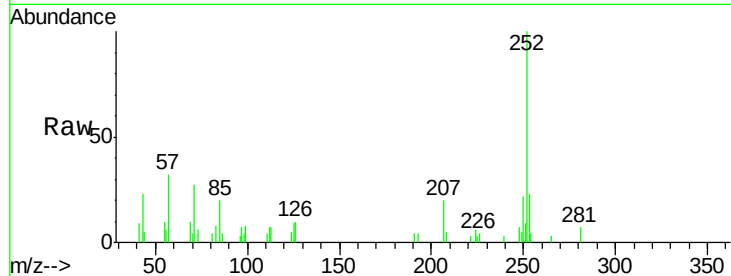
#89
Benzo(k)fluoranthene
Concen: 1.27 ng/ul m
RT: 23.97 min Scan# 3596
Delta R.T. -0.02 min
Lab File: BG020738.D
Acq: 15 Jan 2016 00:27

Instrument :
BNA_G
ClientSampleId :
BC9F2

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	12943		
253	22.9	17.1	25.7	
125	9.5	5.4	8.0#	

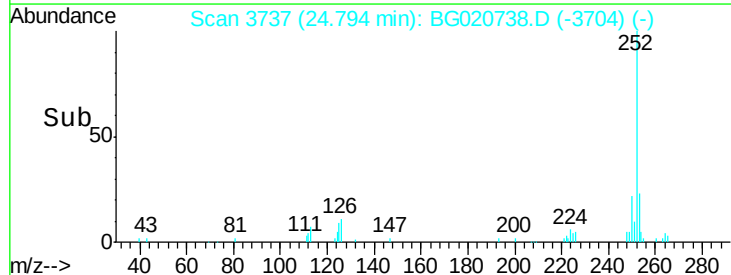
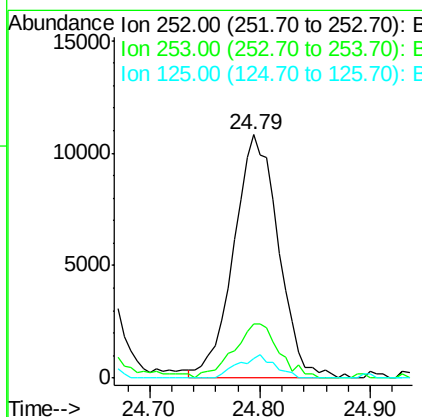
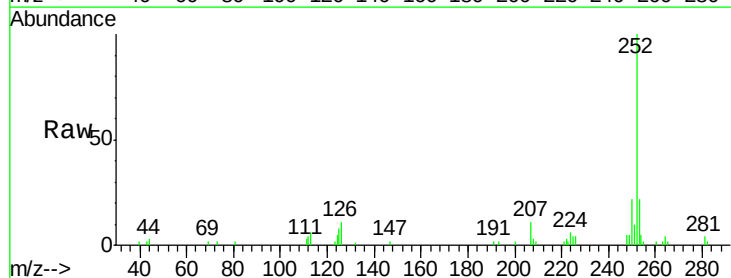
Manual Integrations
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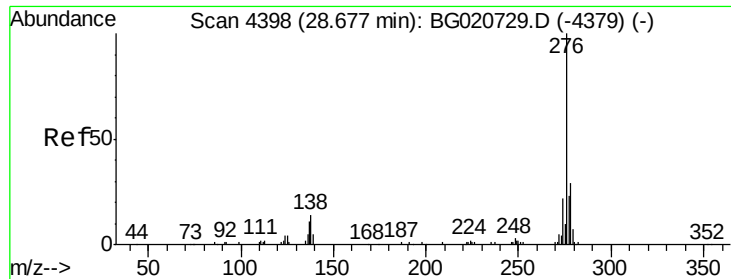
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#91
Benzo(a)pyrene
Concen: 3.09 ng/ul
RT: 24.79 min Scan# 3737
Delta R.T. -0.01 min
Lab File: BG020738.D
Acq: 15 Jan 2016 00:27

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	30676		
253	22.2	17.2	25.8	
125	8.3	5.8	8.6	





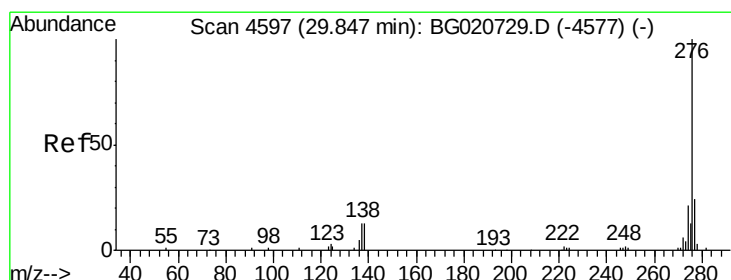
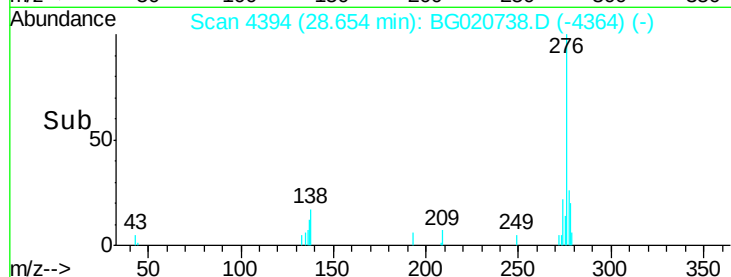
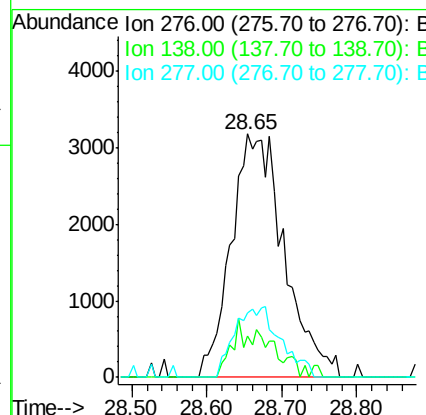
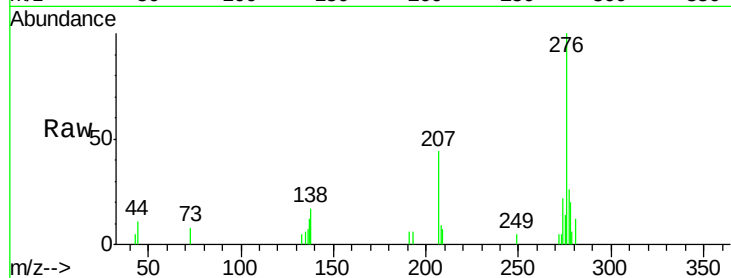
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.33 ng/ul m
 RT: 28.65 min Scan# 4394
 Delta R.T. -0.02 min
 Lab File: BG020738.D
 Acq: 15 Jan 2016 00:27

Instrument :
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Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.1	10.9	16.3#
277	26.2	18.9	28.3

Manual Integrations
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#94
 Benzo(g,h,i)perylene
 Concen: 1.56 ng/ul m
 RT: 29.84 min Scan# 4596
 Delta R.T. -0.01 min
 Lab File: BG020738.D
 Acq: 15 Jan 2016 00:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	12.8	11.2	16.8
277	22.1	19.0	28.6

