

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
 Data File : BG046938.D
 Acq On : 17 Oct 2020 12:14
 Operator : CG/JU
 Sample : L4201-09
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AL3

Manual Integrations
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Quant Time: Oct 17 13:35:15 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Oct 17 13:26:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	59172	20.00	ng/ul	0.00
18) Naphthalene-d8	10.88	136	256908	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.70	164	190814	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.44	188	436081	20.00	ng/ul	0.00
78) Chrysene-d12	21.71	240	385836	20.00	ng/ul	0.00
86) Perylene-d12	24.96	264	388216	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.48	96	3834	2.88	ng/uL	0.00
5) Phenol-d5	7.22	99	70600	13.64	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	49993	16.54	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	60160	15.45	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	44677	10.72	ng/ul	0.00
19) Nitrobenzene-d5	9.23	128	34563	15.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	39942	16.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.50	165	68930	14.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.01	131	62111	11.06	ng/ul	0.00
44) Dimethylphthalate-d6	14.10	166	262347	16.55	ng/ul	0.00
47) Acenaphthylene-d8	14.39	160	282610	15.64	ng/ul	0.00
52) 4-Nitrophenol-d4	14.88	143	29102	10.65	ng/ul	0.00
58) Fluorene-d10	15.69	176	223721	15.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.80	200	37634	12.53	ng/ul	0.00
71) Anthracene-d10	17.54	188	317593	15.04	ng/ul	0.00
79) Pyrene-d10	19.83	212	356845	16.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.73	264	322509	14.75	ng/ul	-0.02

Target Compounds

					Ovalue
45) Dimethylphthalate	14.15	163	75849	4.616 ng/ul#	98
70) Phenanthrene	17.48	178	72102	2.890 ng/ul	96
77) Fluoranthene	19.49	202	134986	4.430 ng/ul	99
80) Pyrene	19.85	202	108889	4.170 ng/ul	99
83) Benzo(a)anthracene	21.70	228	66707	2.505 ng/ul	95
85) Chrysene	21.76	228	56262	2.190 ng/ul	96
88) Benzo(b)fluoranthene	23.92	252	72697	2.700 ng/ul#	99
91) Benzo(a)pyrene	24.80	252	49307	2.037 ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	28.64	276	34617m	1.167 ng/ul	
94) Benzo(a,h,i)perylene	29.78	276	28324m	1.138 ng/ul	

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

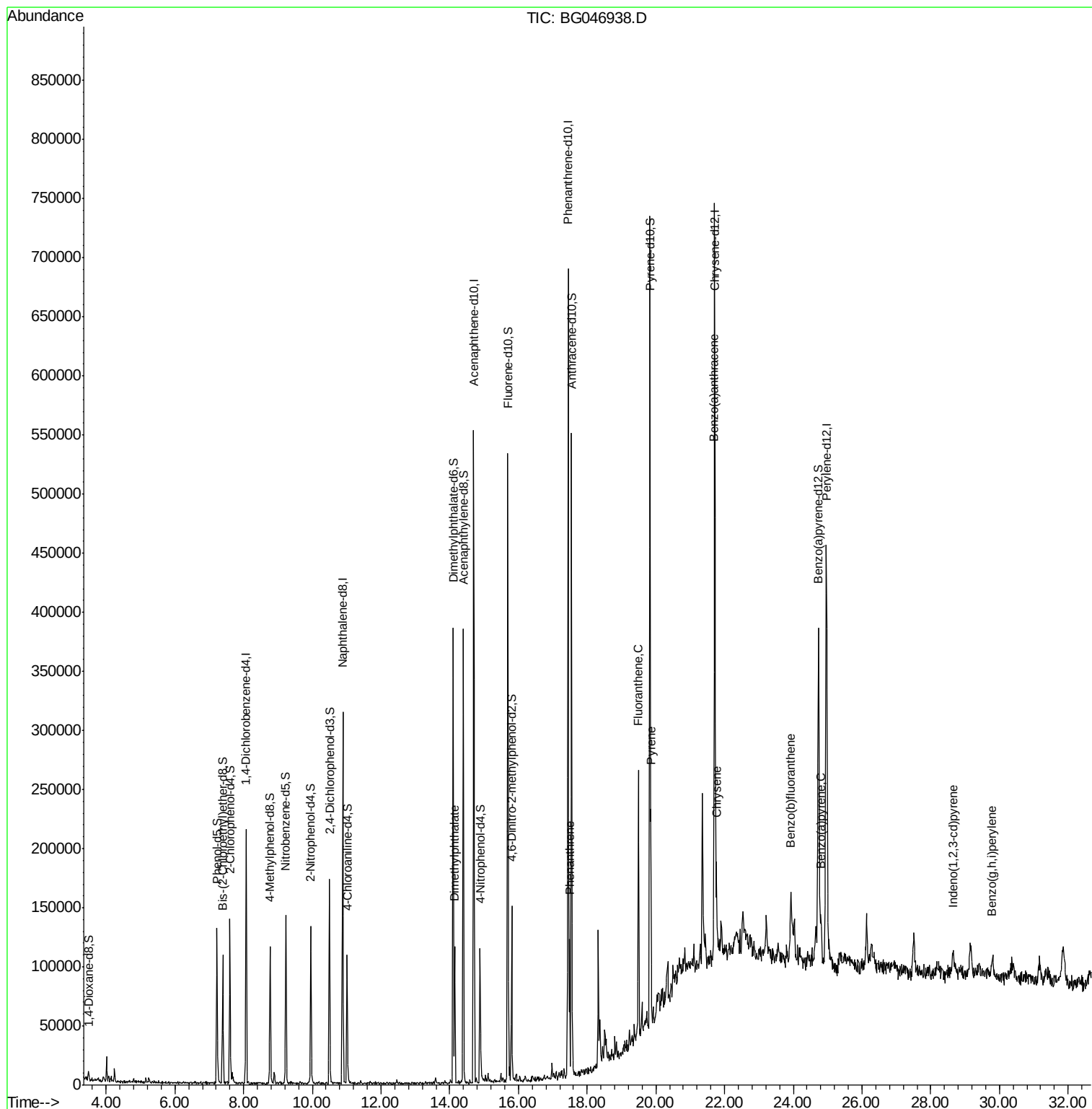
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101720\
Data File : BG046938.D
Acq On : 17 Oct 2020 12:14
Operator : CG/JU
Sample : L4201-09
Misc :
ALS Vial : 4 Sample Multiplier: 1

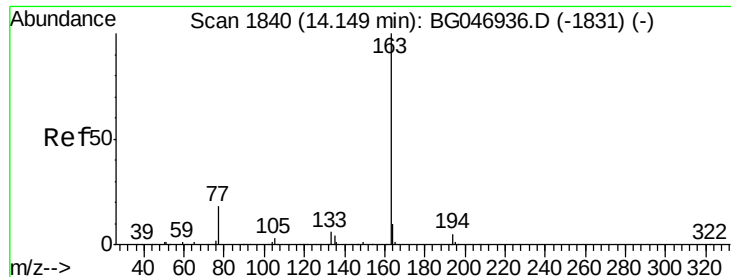
Instrument :
BNA_G
ClientSampleId :
C0AL3

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Quant Time: Oct 17 13:35:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101520MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Oct 17 13:26:44 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 4.616 ng/ul

RT: 14.15 min Scan# 1839

Delta R.T. -0.00 min

Lab File: BG046938.D

Acq: 17 Oct 2020 12:14

Instrument :

BNA_G

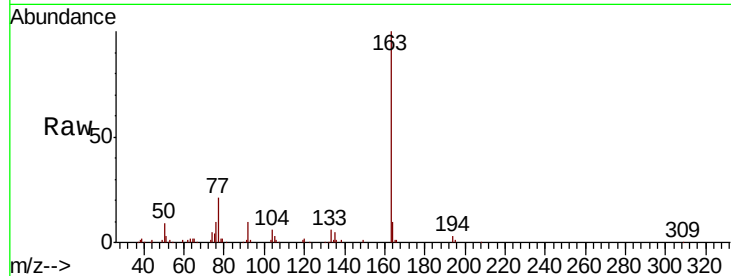
ClientSampleId :

C0AL3

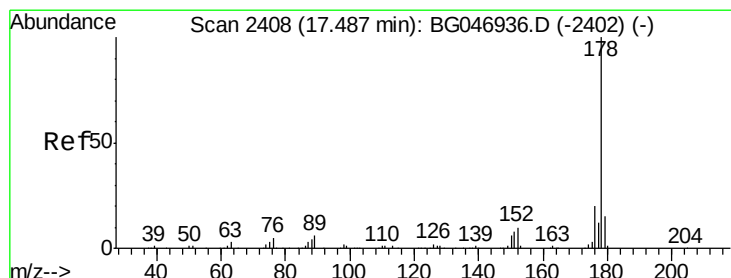
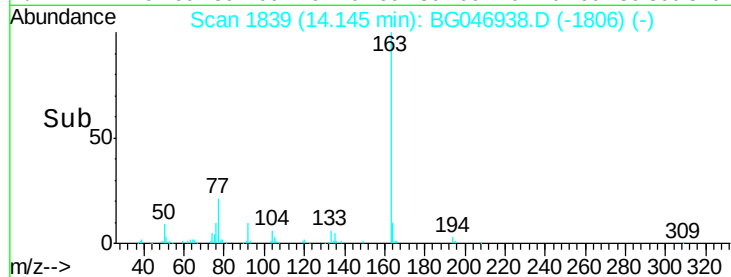
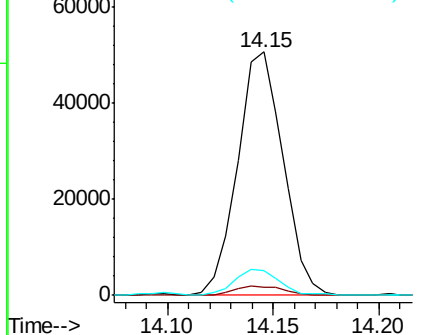
Tot Ion:	163	Resp:	75849
Ion Ratio	Lower	Upper	
163	100		
194	3.5	3.9	5.9#
164	10.2	7.8	11.8

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Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 2.890 ng/ul

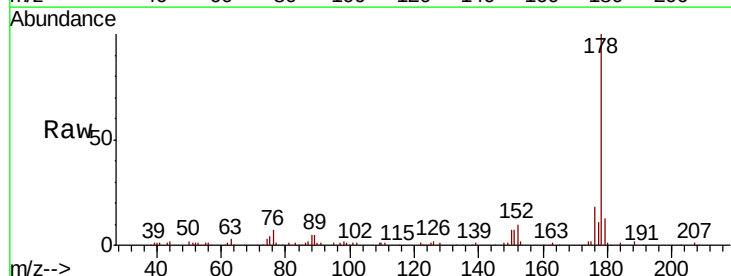
RT: 17.48 min Scan# 2407

Delta R.T. -0.00 min

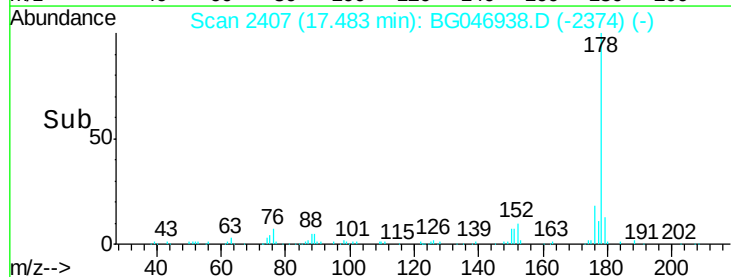
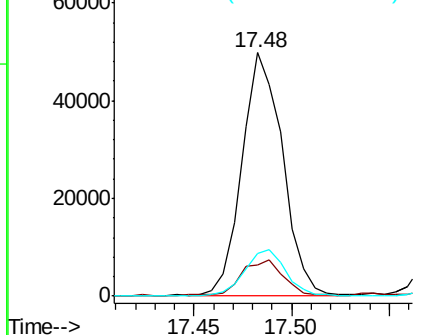
Lab File: BG046938.D

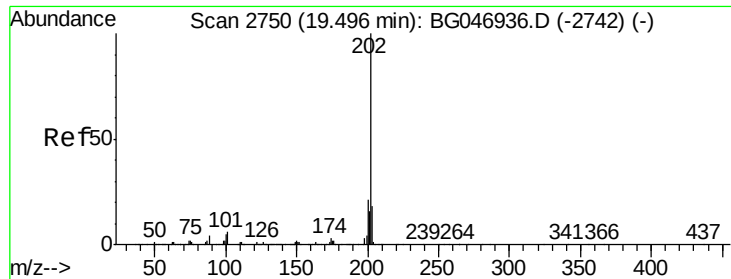
Acq: 17 Oct 2020 12:14

Tgt Ion:	178	Resp:	72102
Ion Ratio	Lower	Upper	
178	100		
179	13.0	12.5	18.7
176	17.7	15.0	22.4



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





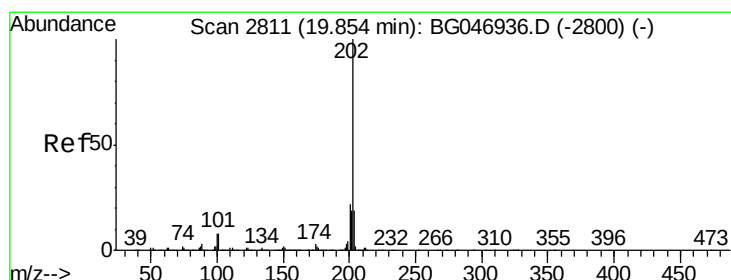
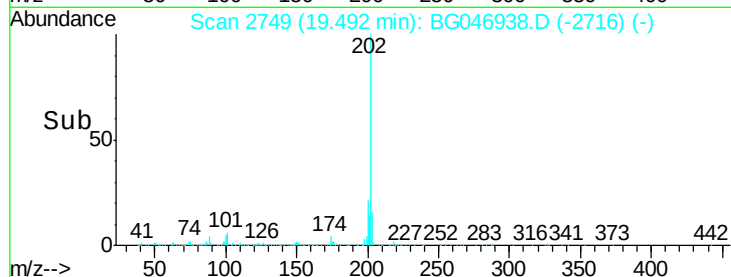
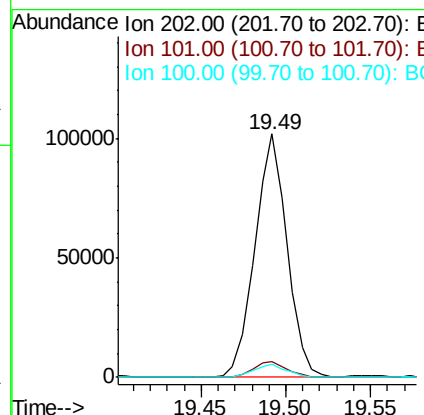
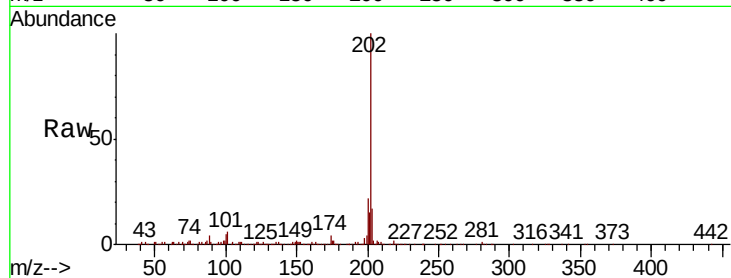
#77
Fluoranthene
Concen: 4.430 ng/ul
RT: 19.49 min Scan# 2749
Delta R.T. -0.00 min
Lab File: BG046938.D
Acq: 17 Oct 2020 12:14

Instrument :
BNA_G
ClientSampleId :
C0AL3

Tot Ion	Ratio	Resp	Lower	Upper
202	100	134986		
101	6.5		4.9	7.3
100	5.2		4.6	6.8

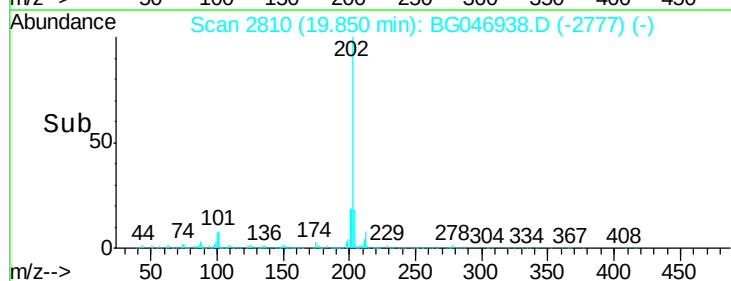
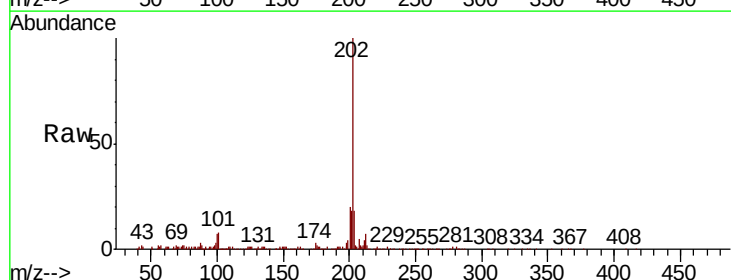
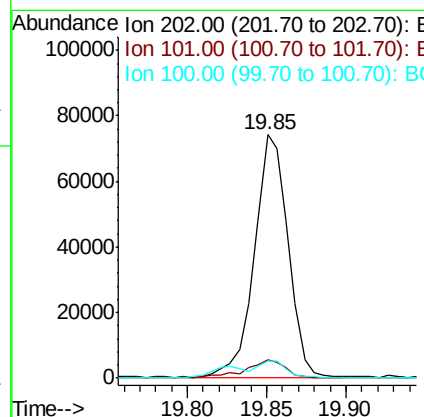
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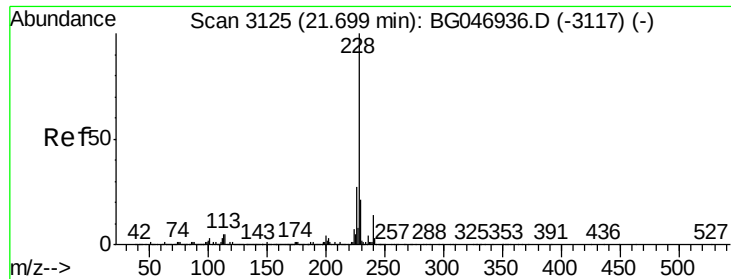
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#80
Pyrene
Concen: 4.170 ng/ul
RT: 19.85 min Scan# 2810
Delta R.T. -0.00 min
Lab File: BG046938.D
Acq: 17 Oct 2020 12:14

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	108889		
101	7.6		6.5	9.7
100	7.0		5.2	7.8





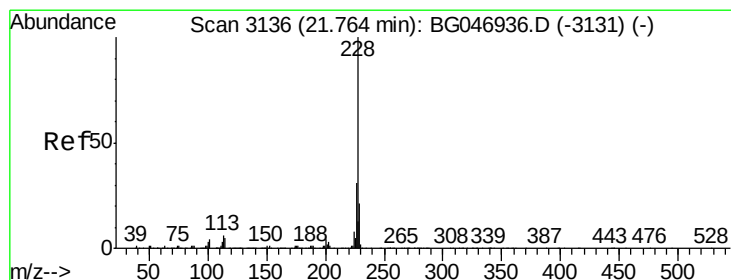
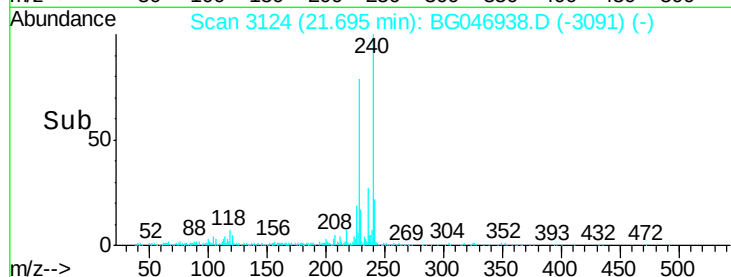
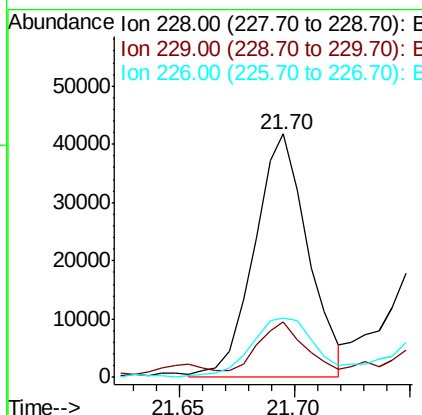
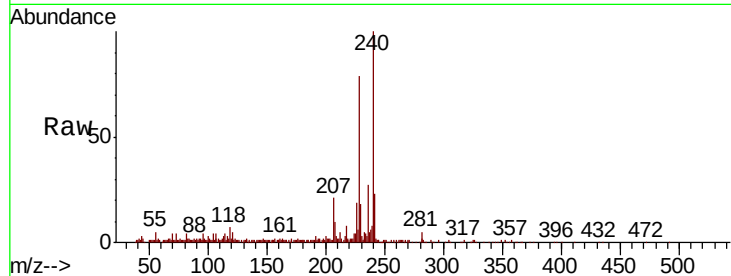
#83
Benzo(a)anthracene
Concen: 2.505 ng/ul
RT: 21.70 min Scan# 3124
Delta R.T. -0.00 min
Lab File: BG046938.D
Acq: 17 Oct 2020 12:14

Instrument :
BNA_G
ClientSampleId :
C0AL3

Tot Ion:	228	Resp:	66707
Ion Ratio	Lower	Upper	
228	100		
229	23.0	16.2	24.2
226	24.5	21.6	32.4

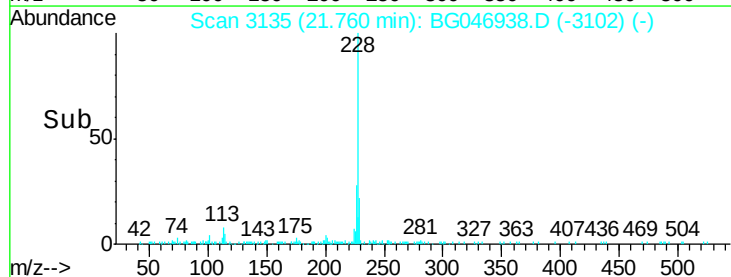
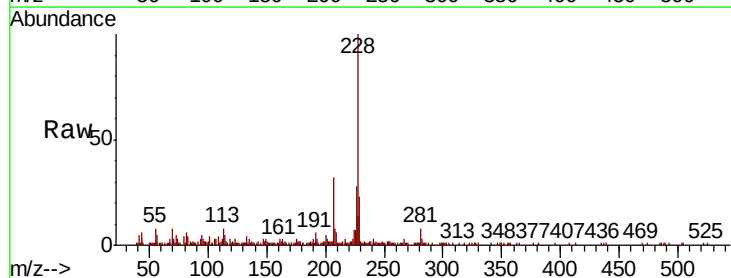
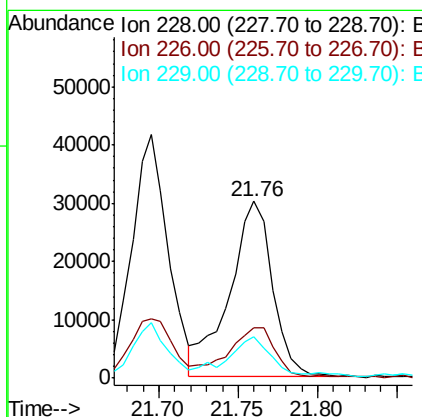
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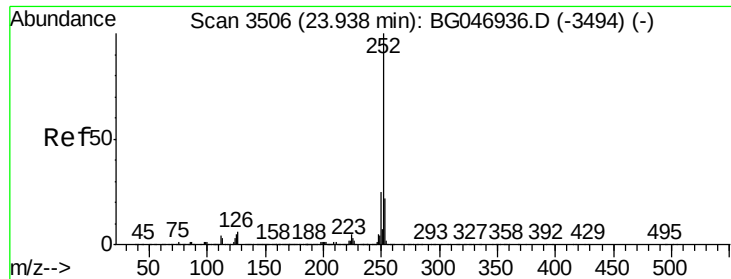
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#85
Chrysene
Concen: 2.190 ng/ul
RT: 21.76 min Scan# 3135
Delta R.T. -0.00 min
Lab File: BG046938.D
Acq: 17 Oct 2020 12:14

Tgt Ion:	228	Resp:	56262
Ion Ratio	Lower	Upper	
228	100		
226	28.2	23.2	34.8
229	23.3	15.6	23.4





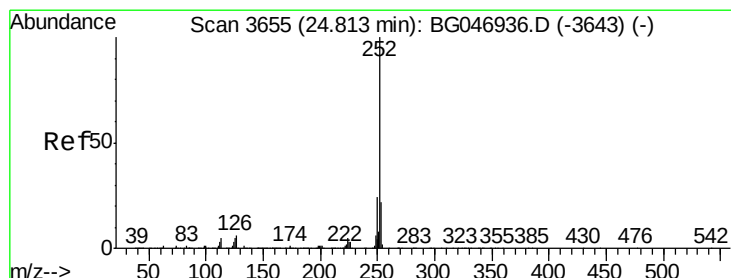
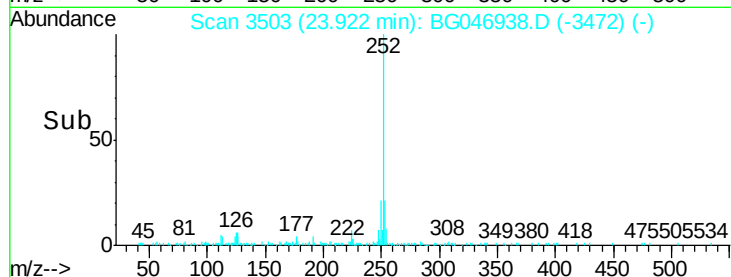
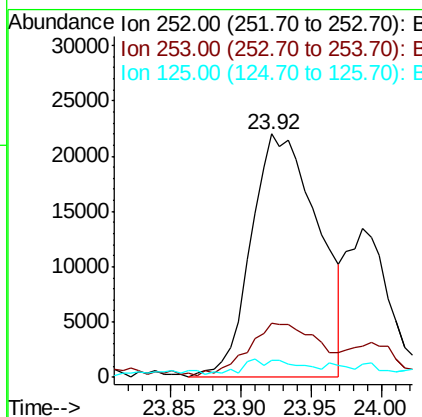
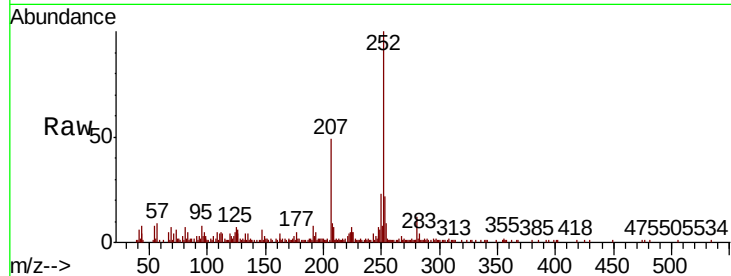
#88
Benzo(b)fluoranthene
Concen: 2.700 ng/ul
RT: 23.92 min Scan# 3503
Delta R.T. -0.02 min
Lab File: BG046938.D
Acq: 17 Oct 2020 12:14

Instrument :
BNA_G
ClientSampleId :
C0AL3

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	7.1	4.6	7.0#

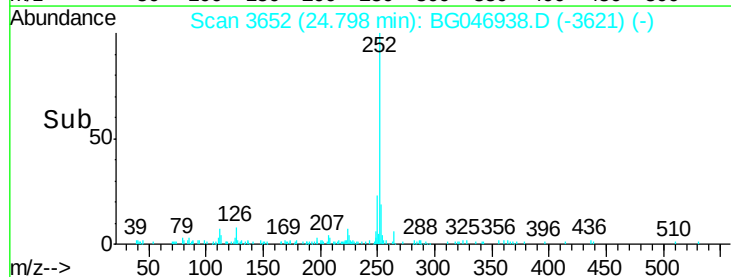
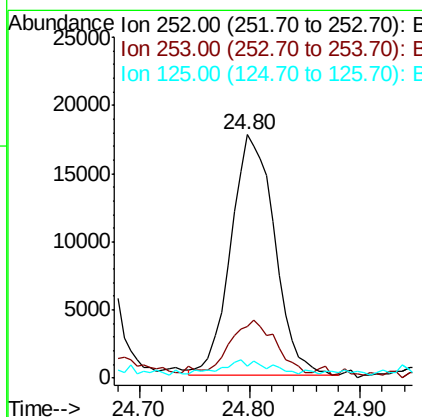
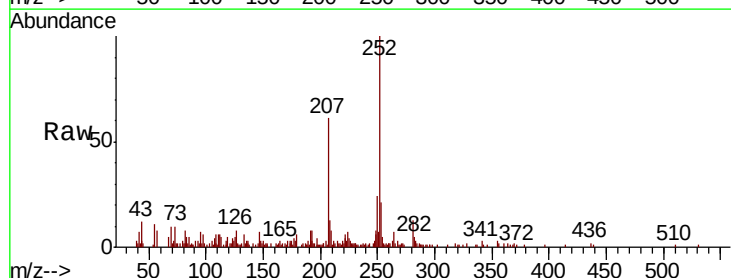
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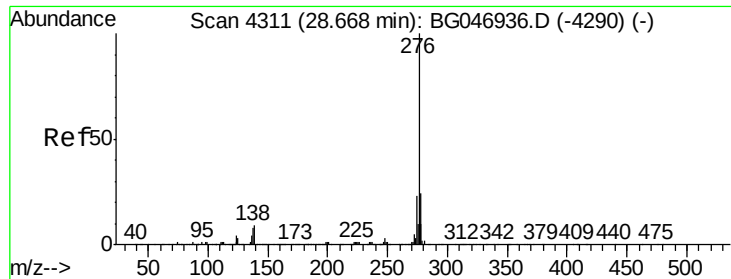
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#91
Benzo(a)pyrene
Concen: 2.037 ng/ul
RT: 24.80 min Scan# 3652
Delta R.T. -0.02 min
Lab File: BG046938.D
Acq: 17 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.4	17.2	25.8
125	4.7	5.4	8.0#





#92

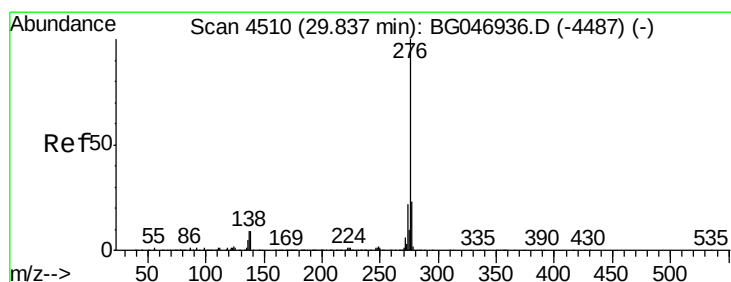
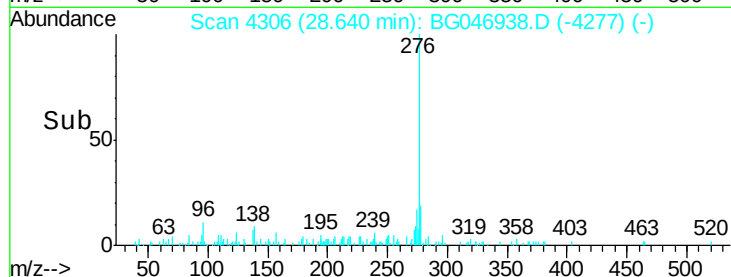
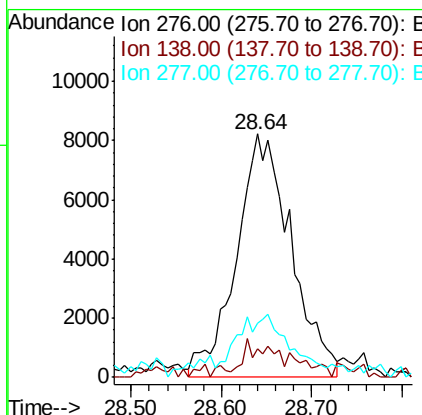
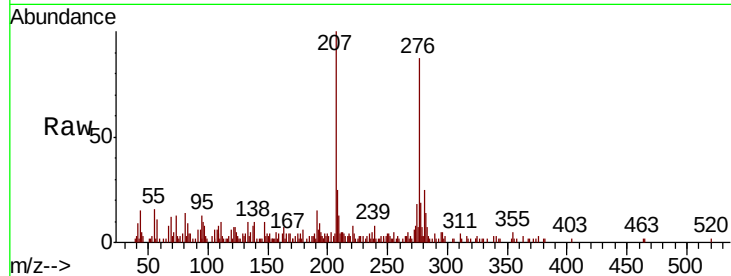
Indeno(1,2,3-cd)pyrene
Concen: 1.167 ng/ul m
RT: 28.64 min Scan# 4306
Delta R.T. -0.03 min
Lab File: BG046938.D
Acq: 17 Oct 2020 12:14

Instrument :
BNA_G
ClientSampleId :
C0AL3

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.0	7.8	11.6#
277	22.1	19.4	29.2

Manual Integrations
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#94

Benzo(g,h,i)perylene
Concen: 1.138 ng/ul m
RT: 29.78 min Scan# 4500
Delta R.T. -0.06 min
Lab File: BG046938.D
Acq: 17 Oct 2020 12:14

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.4	8.5	12.7
277	24.5	18.5	27.7

