

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047644.D
 Acq On : 8 Dec 2020 10:16
 Operator : CG/JU
 Sample : L4862-10
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BB5

Manual Integrations
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Quant Time: Dec 08 14:48:50 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 18:31:37 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	30414	20.00	ng/ul	0.00
18) Naphthalene-d8	11.05	136	113430	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	83429	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	195545	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	180924	20.00	ng/ul	0.00
86) Perylene-d12	25.22	264	199212	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.55	96	2918m	5.11	ng/uL	0.02
5) Phenol-d5	7.36	99	62354	23.96	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	34136	25.51	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	49690	25.17	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	48190	23.32	ng/ul	0.00
19) Nitrobenzene-d5	9.39	128	24782	26.80	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	30442	27.31	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.66	165	61025	25.21	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	60817	27.36	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	179795	24.81	ng/ul	0.00
47) Acenaphthylene-d8	14.54	160	216933	26.21	ng/ul	0.00
52) 4-Nitrophenol-d4	15.01	143	25133	23.38	ng/ul	0.00
58) Fluorene-d10	15.82	176	166346	24.94	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.93	200	24651	18.62	ng/ul	0.00
71) Anthracene-d10	17.67	188	252418m	25.88	ng/ul	0.00
79) Pyrene-d10	19.94	212	265896	24.87	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	291784	25.08	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	7.38	94	6967	2.833	ng/ul#	90
45) Dimethylphthalate	14.27	163	51404	7.002	ng/ul	97
77) Fluoranthene	19.61	202	28285	2.097	ng/ul#	94
80) Pyrene	19.97	202	23866m	1.814	ng/ul	
83) Benzo(a)anthracene	21.83	228	13439	1.040	ng/ul	95
84) Bis(2-ethylhexyl)phthalate	21.72	149	36492	5.939	ng/ul#	89
85) Chrysene	21.90	228	18983m	1.556	ng/ul	
88) Benzo(b)fluoranthene	24.15	252	25949	1.866	ng/ul#	93
91) Benzo(a)pyrene	25.05	252	18629	1.486	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	29.07	276	15363m	1.005	ng/ul	
94) Benzo(g,h,i)perylene	30.27	276	16130m	1.285	ng/ul	

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

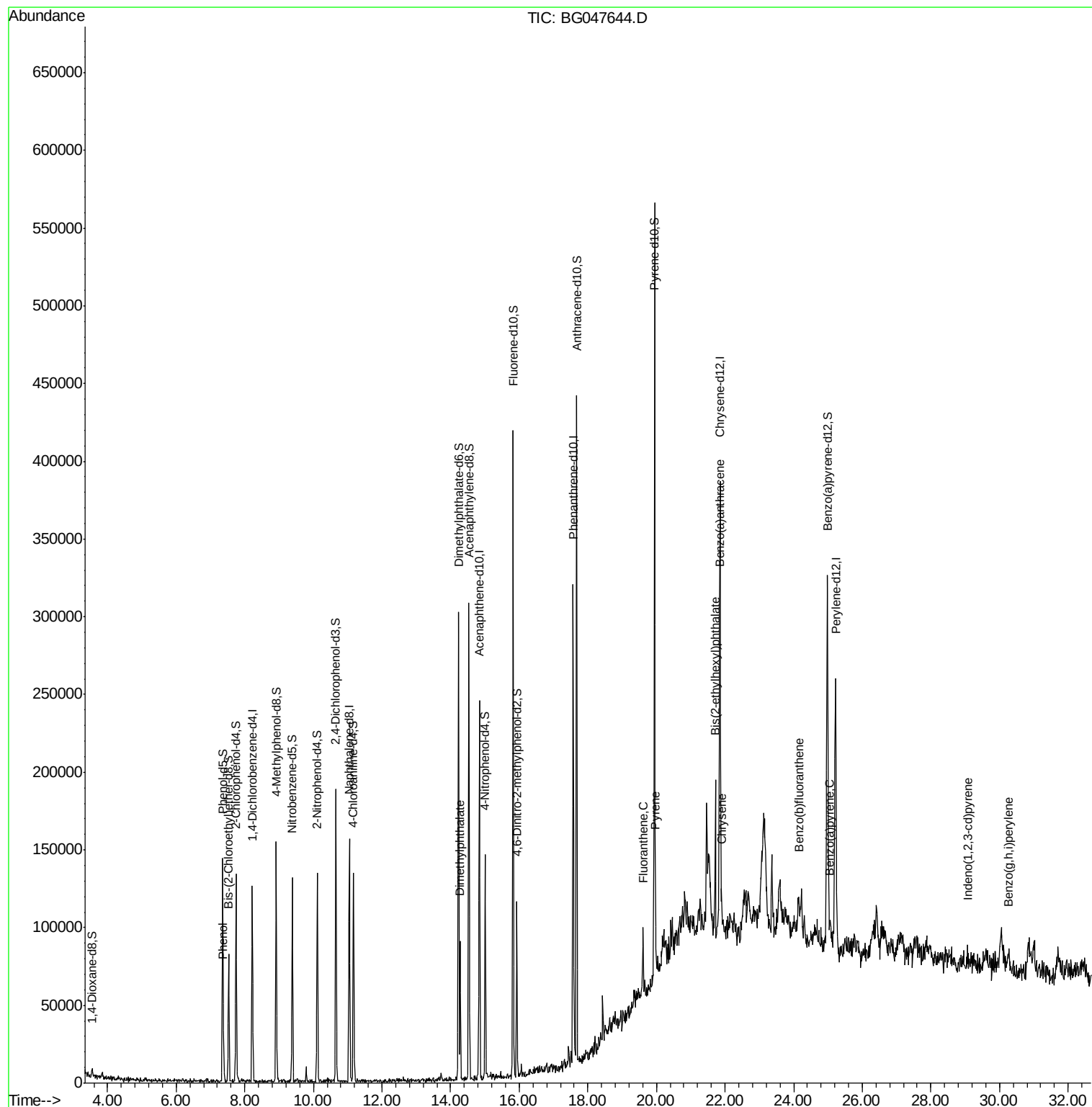
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047644.D
Acq On : 8 Dec 2020 10:16
Operator : CG/JU
Sample : L4862-10
Misc :
ALS Vial : 23 Sample Multiplier: 1

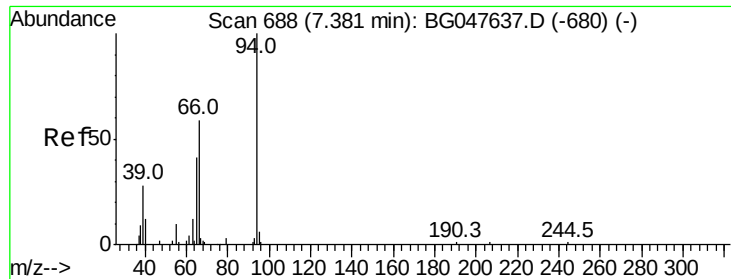
Instrument :
BNA_G
ClientSampleId :
C0BB5

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Quant Time: Dec 08 14:48:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 18:31:37 2020
Response via : Initial Calibration





#6

Phenol

Concen: 2.833 ng/ul

RT: 7.38 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG047644.D

Acq: 8 Dec 2020 10:16

Instrument :

BNA_G

ClientSampled :

C0BB5

Tot Ion: 94 Resp: 6967

Ion Ratio Lower Upper

94 100

65 54.0 35.9 53.9#

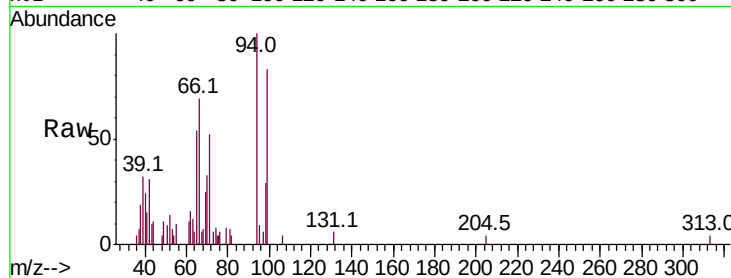
66 68.7 50.1 75.1

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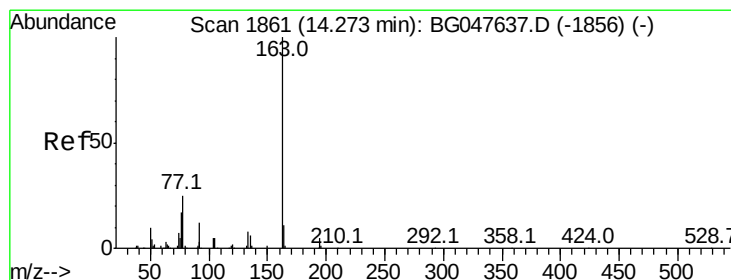
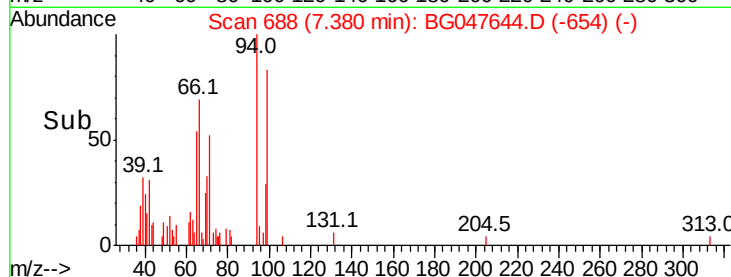
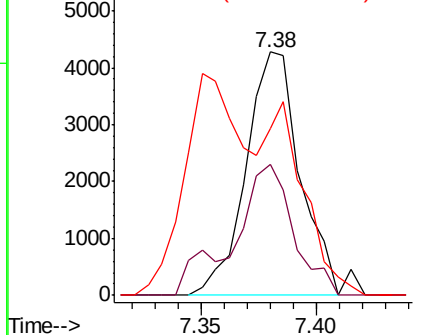
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Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#45

Dimethylphthalate

Concen: 7.002 ng/ul

RT: 14.27 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG047644.D

Acq: 8 Dec 2020 10:16

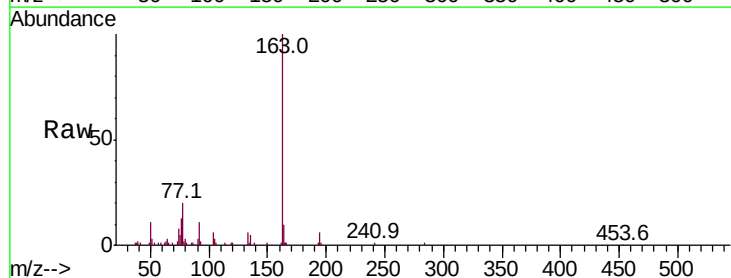
Tgt Ion:163 Resp: 51404

Ion Ratio Lower Upper

163 100

194 5.8 3.9 5.9

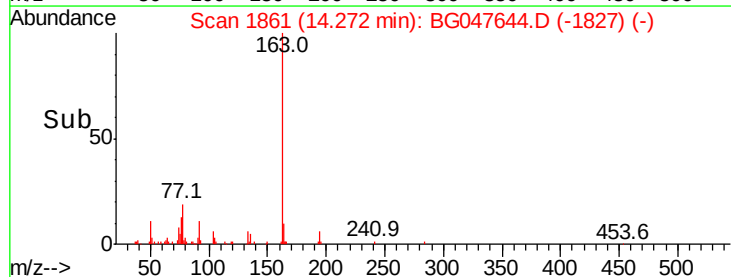
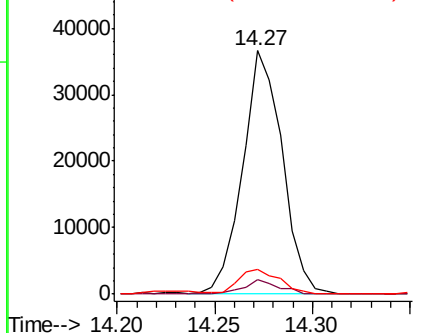
164 10.4 7.4 11.2

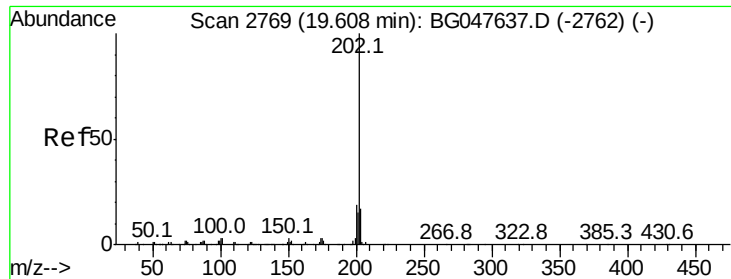


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#77

Fluoranthene

Concen: 2.097 ng/ul

RT: 19.61 min Scan# 2769

Delta R.T. -0.00 min

Lab File: BG047644.D

Acq: 8 Dec 2020 10:16

Instrument :

BNA_G

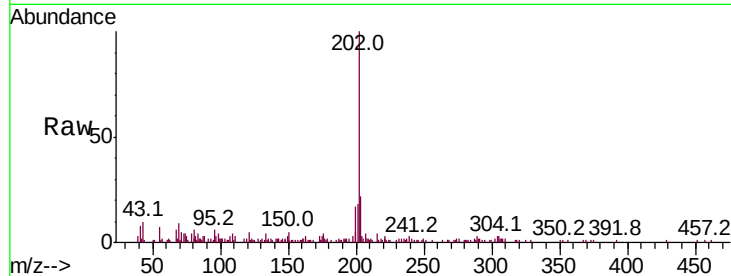
ClientSampleId :

C0BB5

Tot Ion:	202	Resp:	28285
Ion Ratio	Lower	Upper	
202	100		
101	3.9	2.4	3.6#
100	6.0	2.6	3.8#

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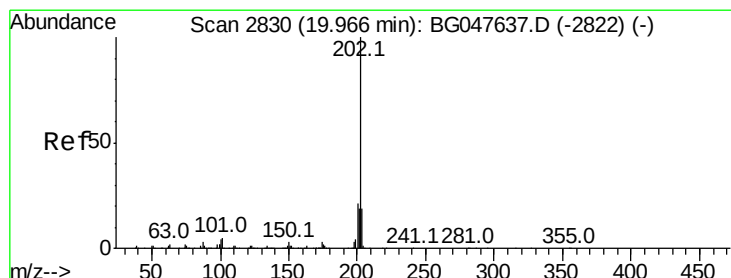
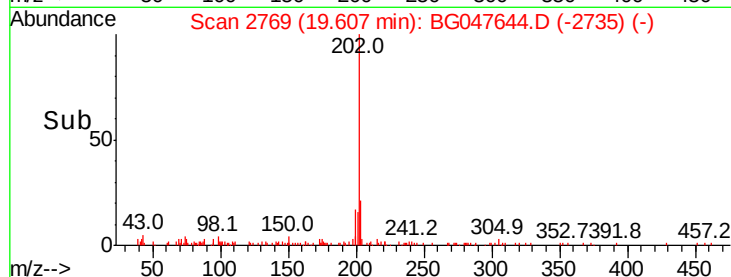
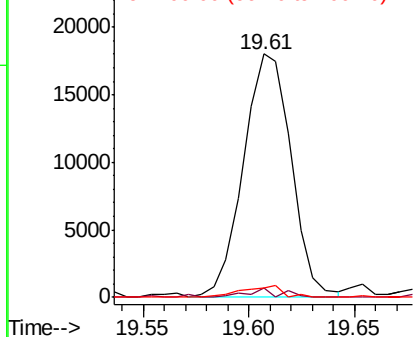


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#80

Pyrene

Concen: 1.814 ng/ul m

RT: 19.97 min Scan# 2831

Delta R.T. -0.00 min

Lab File: BG047644.D

Acq: 8 Dec 2020 10:16

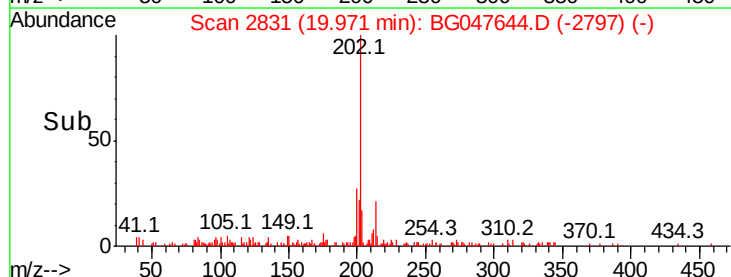
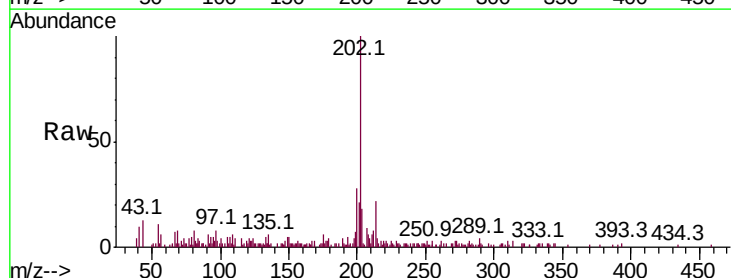
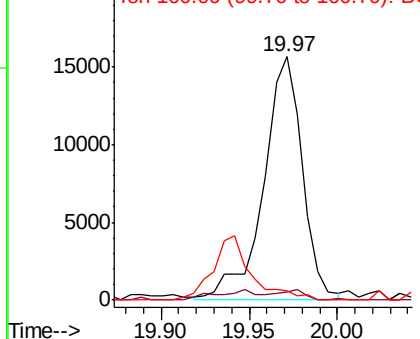
Tgt Ion:	202	Resp:	23866
Ion Ratio	Lower	Upper	
202	100		
101	2.0	2.5	3.7#
100	3.7	2.4	3.6#

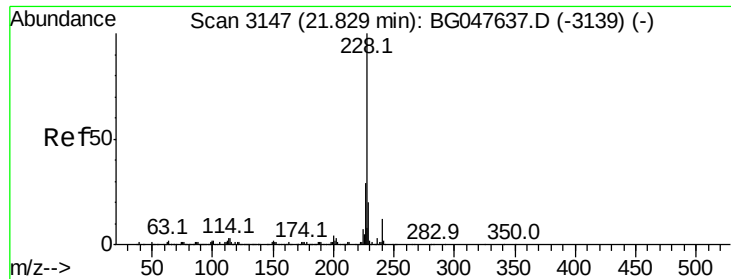
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.040 ng/ul

RT: 21.83 min Scan# 3148

Delta R.T. 0.00 min

Lab File: BG047644.D

Acq: 8 Dec 2020 10:16

Instrument :

BNA_G

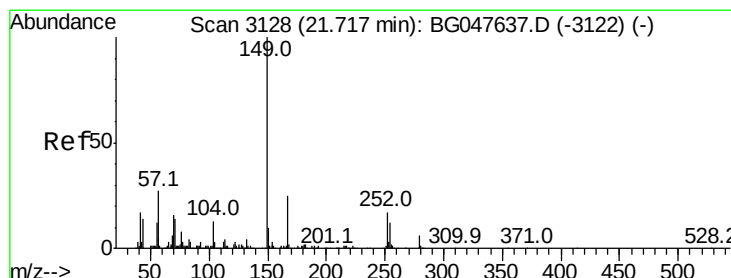
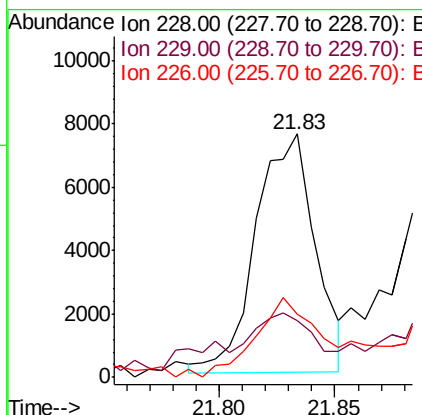
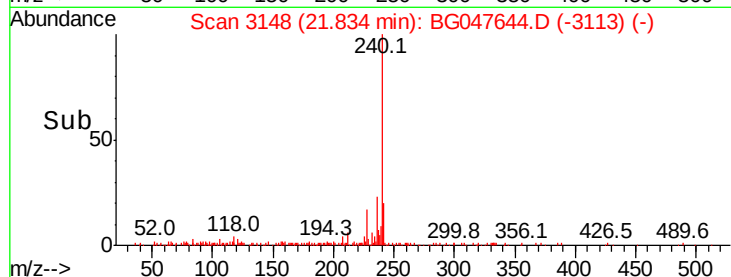
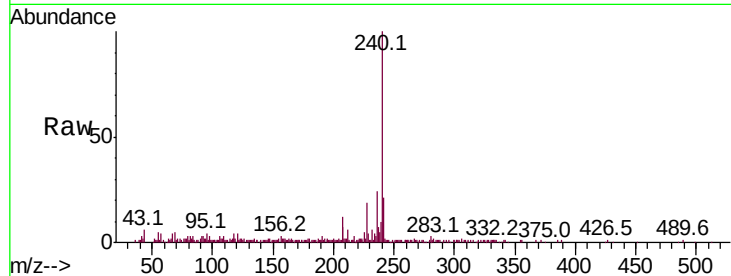
ClientSampled :

C0BB5

Tot Ion:228	Resp:	13439
Ion Ratio	Lower	Upper
228 100		
229 23.2	16.0	24.0
226 26.0	22.4	33.6

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#84

Bis(2-ethylhexyl)phthalate

Concen: 5.939 ng/ul

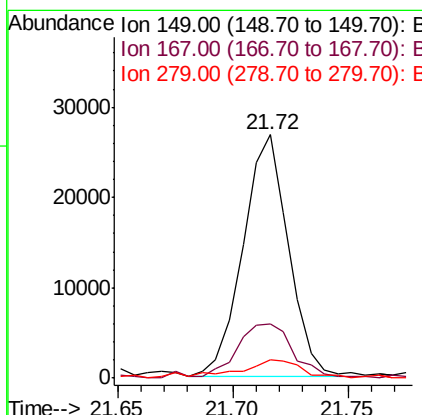
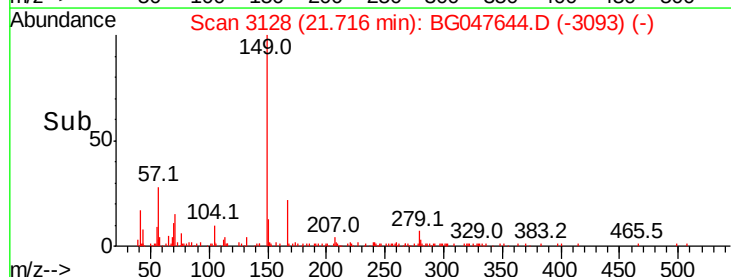
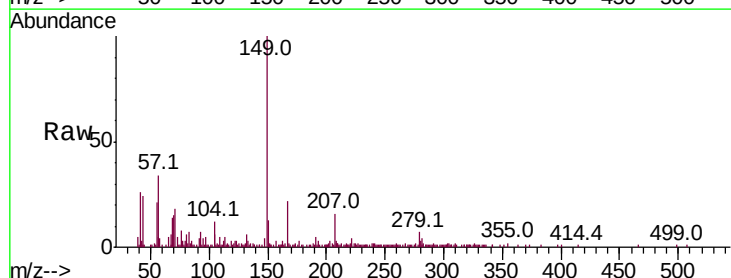
RT: 21.72 min Scan# 3128

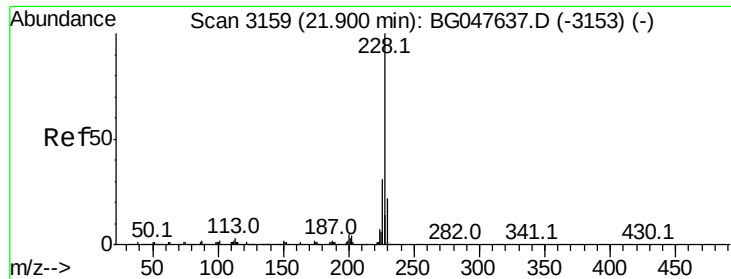
Delta R.T. 0.00 min

Lab File: BG047644.D

Acq: 8 Dec 2020 10:16

Tgt Ion:149	Resp:	36492
Ion Ratio	Lower	Upper
149 100		
167 22.5	23.8	35.6#
279 7.3	5.3	7.9





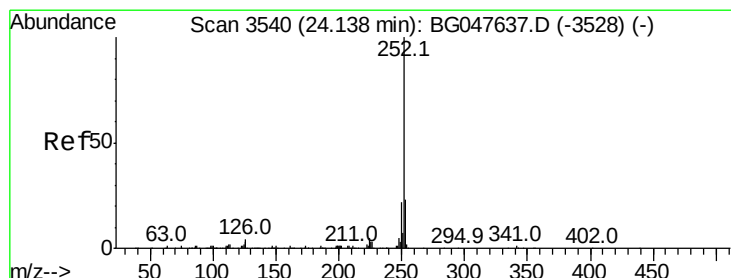
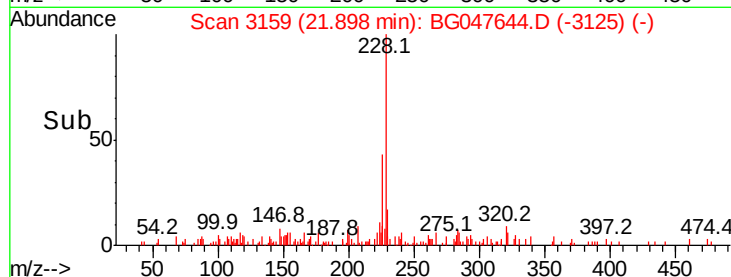
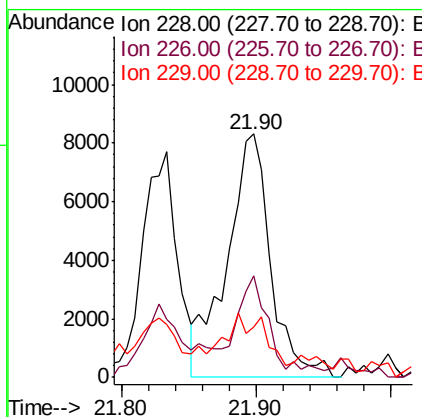
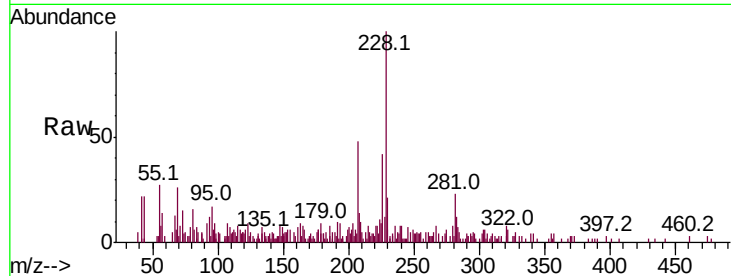
#85
Chrysene
Concen: 1.556 ng/ul m
RT: 21.90 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG047644.D
Acq: 8 Dec 2020 10:16

Instrument :
BNA_G
ClientSampleId :
C0BB5

Tot Ion	Ratio	Lower	Upper
228	100		
226	41.9	23.0	34.4#
229	20.6	15.8	23.8

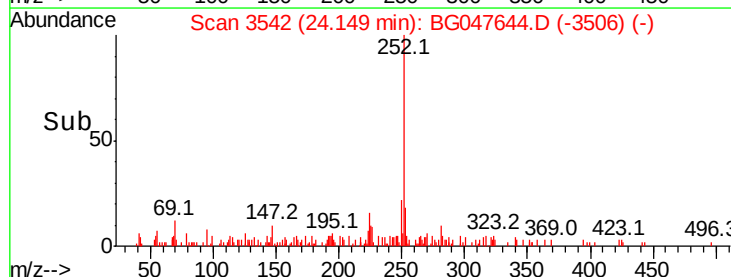
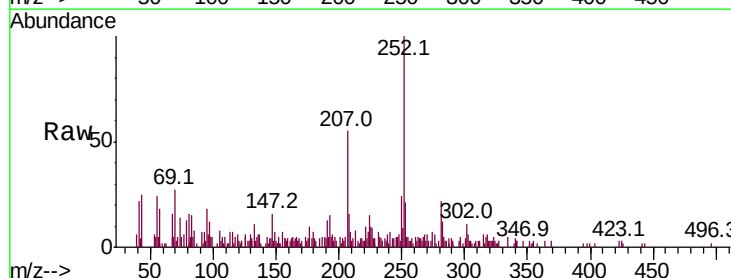
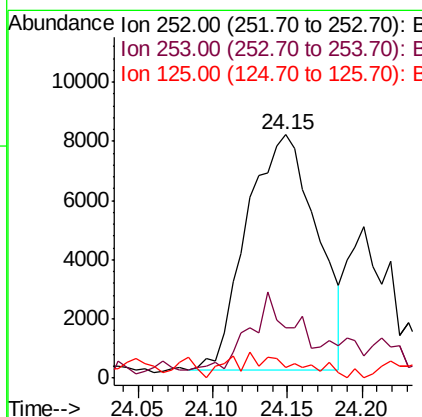
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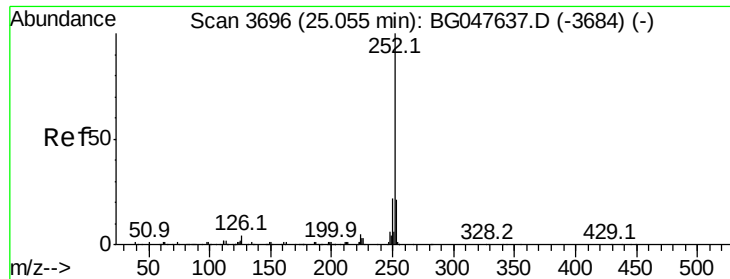
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#88
Benzo(b)fluoranthene
Concen: 1.866 ng/ul
RT: 24.15 min Scan# 3542
Delta R.T. 0.01 min
Lab File: BG047644.D
Acq: 8 Dec 2020 10:16

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.9	18.7	28.1
125	10.6	2.6	3.8#





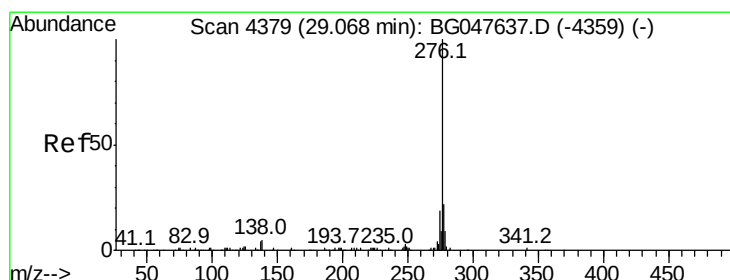
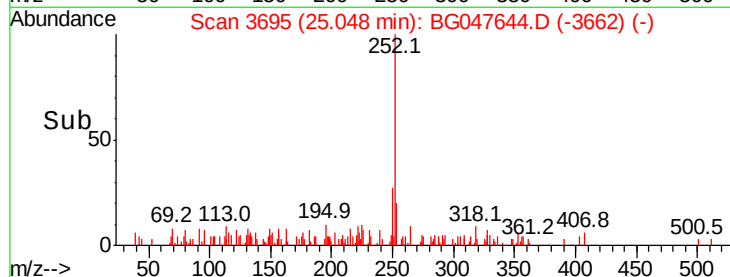
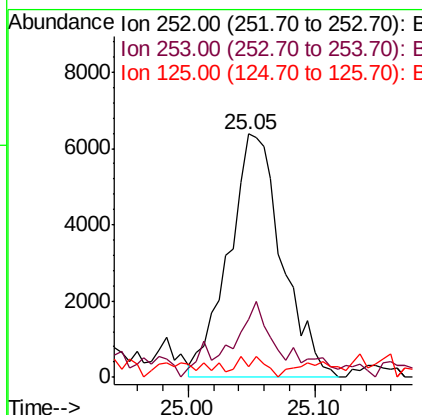
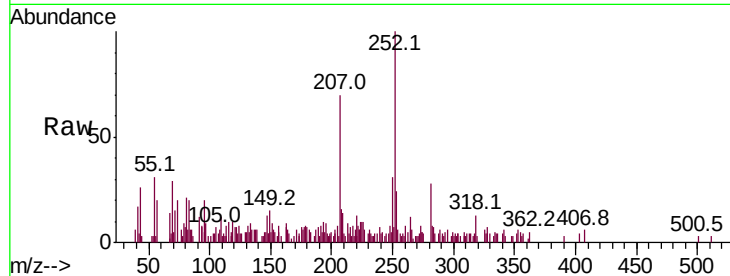
#91
Benzo(a)pyrene
Concen: 1.486 ng/ul
RT: 25.05 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BG047644.D
Acq: 8 Dec 2020 10:16

Instrument :
BNA_G
ClientSampleId :
C0BB5

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.1	16.9	25.3
125	4.4	2.6	3.8

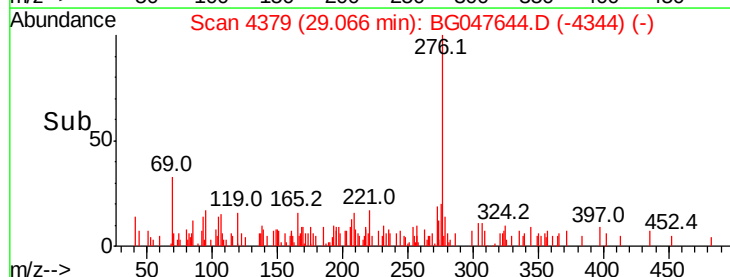
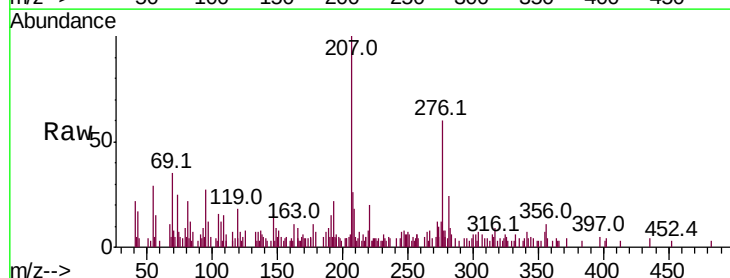
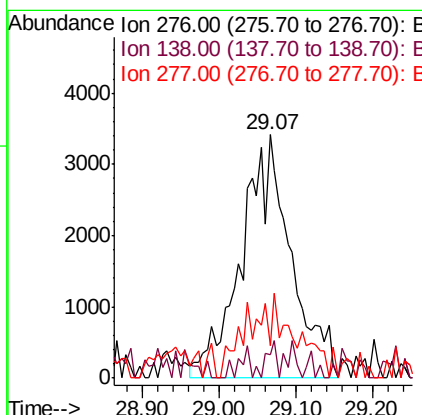
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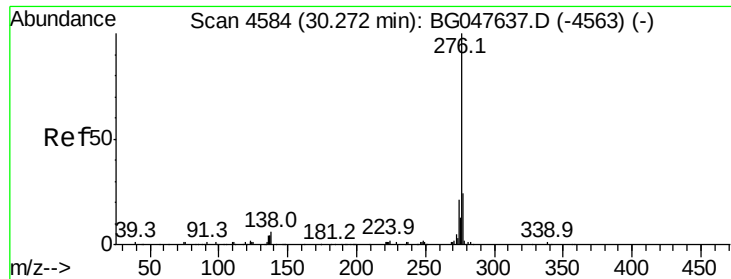
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.005 ng/ul m
RT: 29.07 min Scan# 4379
Delta R.T. 0.00 min
Lab File: BG047644.D
Acq: 8 Dec 2020 10:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	9.7	3.3	4.9
277	13.2	18.6	27.8





#94
 Benzo(a,h,i)perylene
 Concen: 1.285 ng/ul m
 RT: 30.27 min Scan# 4584
 Delta R.T. -0.01 min
 Lab File: BG047644.D
 Acq: 8 Dec 2020 10:16

Instrument :
 BNA_G
 ClientSampleId :
 C0BB5

Tot Ion	Ratio	Lower	Upper
276	100		
138	10.2	4.7	7.1#
277	33.2	21.9	32.9#

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