

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047563.D
 Acq On : 4 Dec 2020 8:14
 Operator : CG/JU
 Sample : L4855-15
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB802

Manual Integrations
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 12/4/2020 4:31:32 PM

Quant Time: Dec 04 08:58:59 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 03 15:14:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	39509	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	145049	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.87	164	108258	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.60	188	240322	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	199642	20.00	ng/ul	0.00
86) Perylene-d12	25.27	264	225262	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	4274	3.93	ng/uL	0.00
5) Phenol-d5	7.39	99	105785	26.70	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	56829	25.15	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	79479	29.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	83573	27.45	ng/ul	0.00
19) Nitrobenzene-d5	9.42	128	39020	32.57	ng/ul	0.00
22) 2-Nitrophenol-d4	10.15	143	49514	37.88	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	97604	32.61	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	94522	31.23	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	286823	30.86	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	358690	33.40	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	45252	31.91	ng/ul	0.01
58) Fluorene-d10	15.85	176	271708	31.92	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.96	200	40402	29.54	ng/ul	0.01
71) Anthracene-d10	17.70	188	393290	32.99	ng/ul	0.00
79) Pyrene-d10	19.97	212	394996	34.00	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.04	264	402081	31.01	ng/ul	0.02

Target Compounds				Ovalue		
6) Phenol	7.42	94	4478	1.180	ng/ul#	86
45) Dimethylphthalate	14.30	163	11490	1.212	ng/ul#	95
70) Phenanthrene	17.65	178	36351m	2.801	ng/ul	
77) Fluoranthene	19.63	202	67713	4.131	ng/ul#	97
80) Pyrene	20.00	202	58615	4.145	ng/ul#	96
83) Benzo(a)anthracene	21.86	228	33808	2.380	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.75	149	10226	1.477	ng/ul#	96
85) Chrysene	21.93	228	32679	2.417	ng/ul	94
88) Benzo(b)fluoranthene	24.19	252	49536	3.115	ng/ul#	96
91) Benzo(a)pyrene	25.11	252	28754m	2.028	ng/ul	
92) Indeno(1,2,3-cd)pyrene	29.16	276	22676m	1.315	ng/ul	
94) Benzo(g,h,i)perylene	30.38	276	23797m	1.672	ng/ul	

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

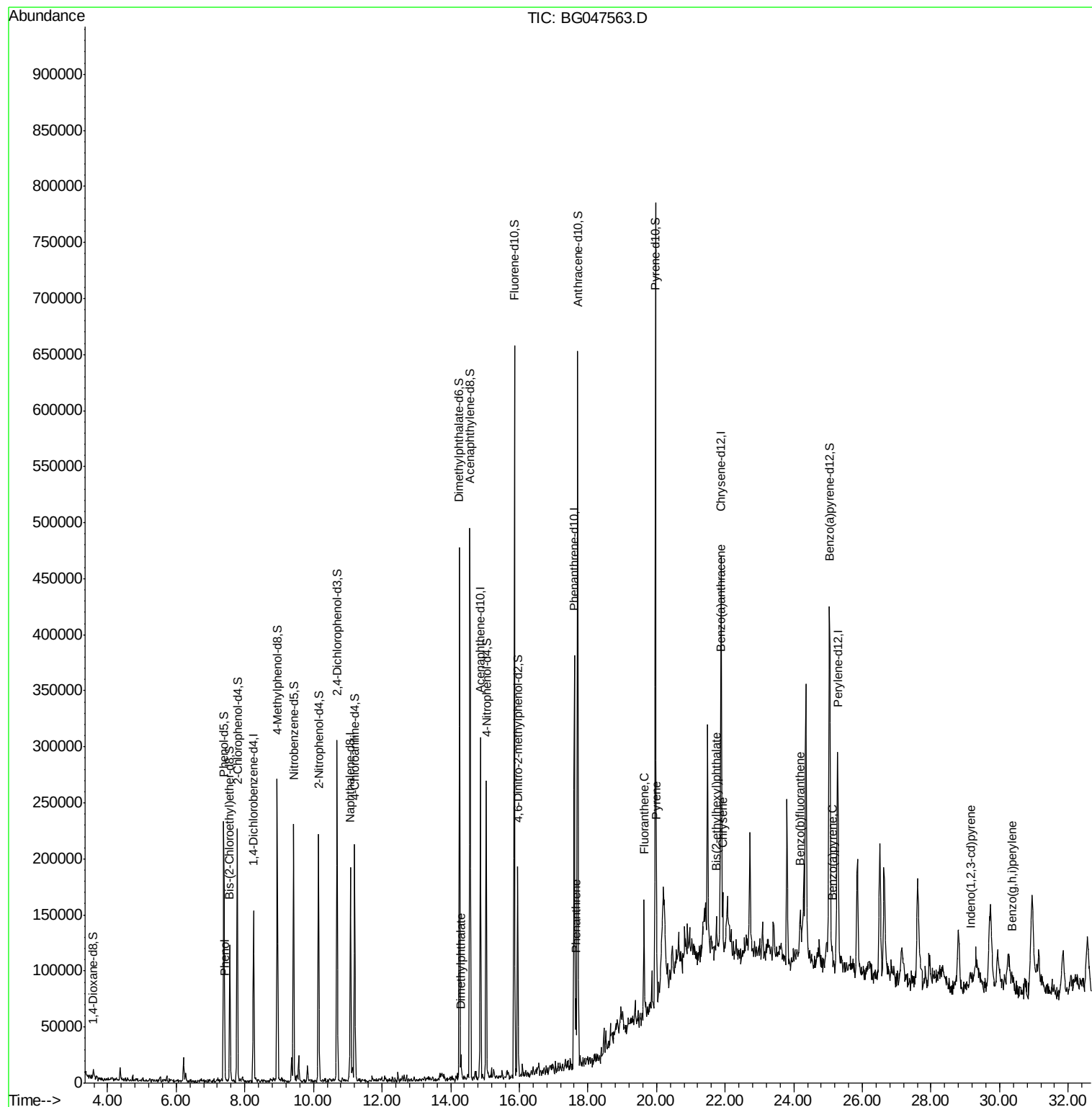
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
Data File : BG047563.D
Acq On : 4 Dec 2020 8:14
Operator : CG/JU
Sample : L4855-15
Misc :
ALS Vial : 27 Sample Multiplier: 1

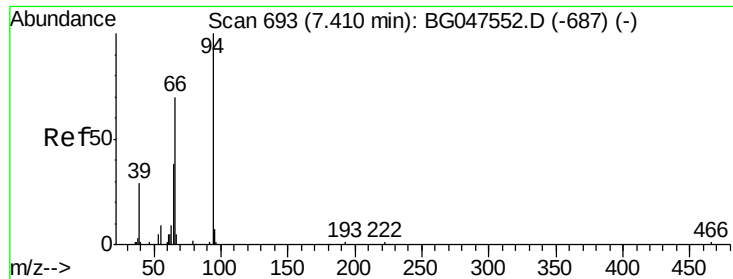
Instrument :
BNA_G
ClientSampled :
CB802

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Quant Time: Dec 04 08:58:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Dec 03 15:14:44 2020
Response via : Initial Calibration





#6

Phenol

Concen: 1.180 ng/ul

RT: 7.42 min Scan# 694

Delta R.T. 0.01 min

Lab File: BG047563.D

Acq: 4 Dec 2020 8:14

Instrument :

BNA_G

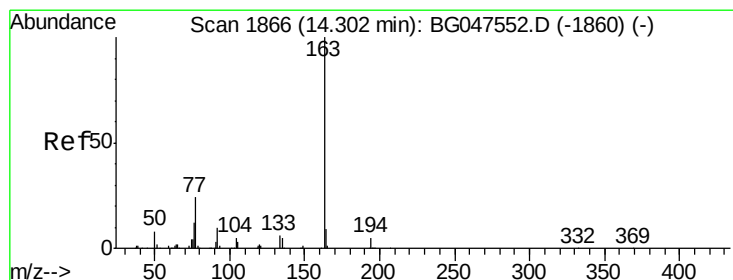
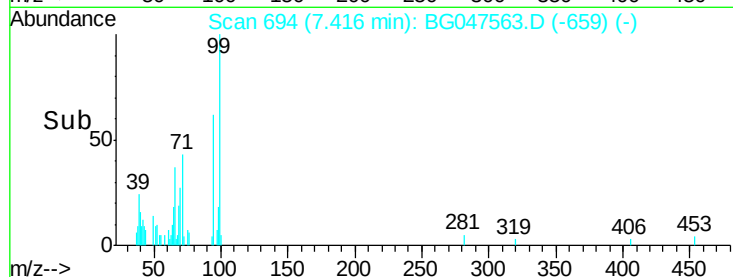
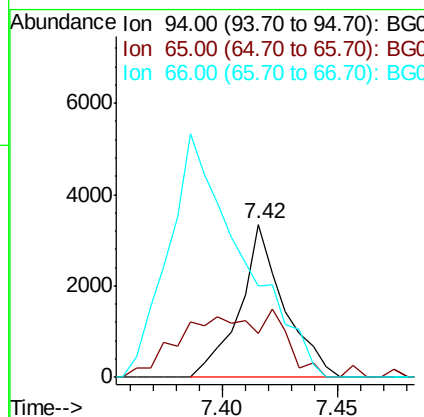
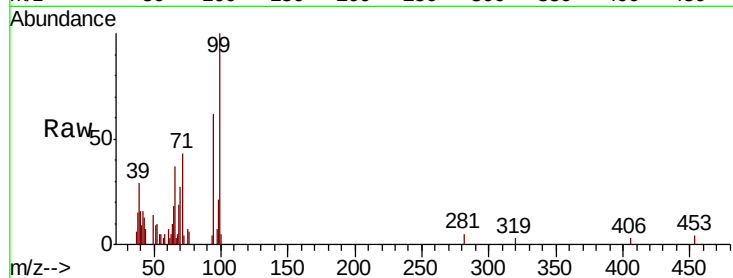
ClientSampleId :

CB802

Tot Ion	Ratio	Lower	Upper
94	100		
65	28.3	33.8	50.6#
66	59.7	53.5	80.3

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#45

Dimethylphthalate

Concen: 1.212 ng/ul

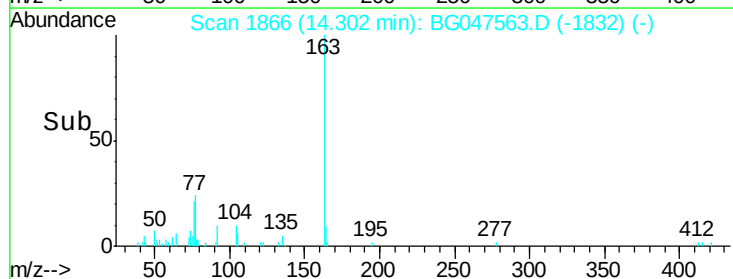
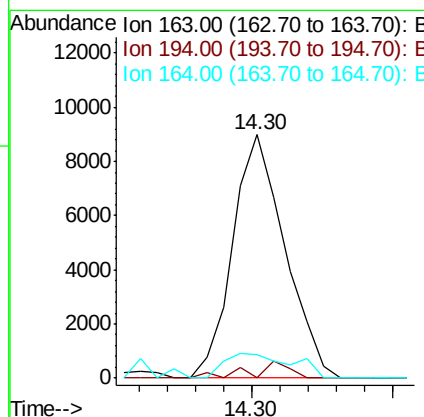
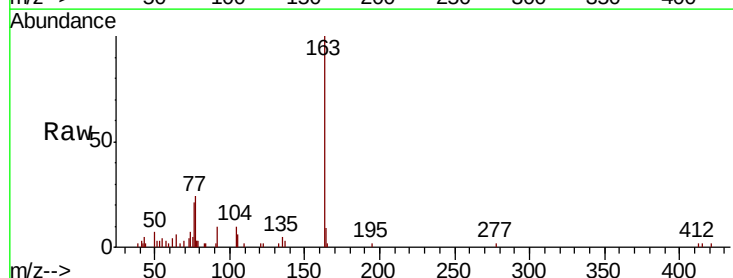
RT: 14.30 min Scan# 1866

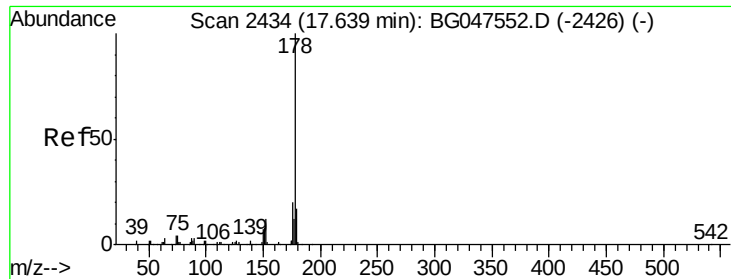
Delta R.T. 0.00 min

Lab File: BG047563.D

Acq: 4 Dec 2020 8:14

Tgt Ion	Ratio	Lower	Upper
163	100		
194	0.0	3.6	5.4#
164	9.5	8.0	12.0





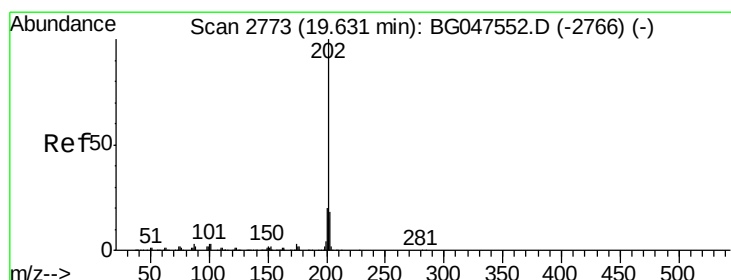
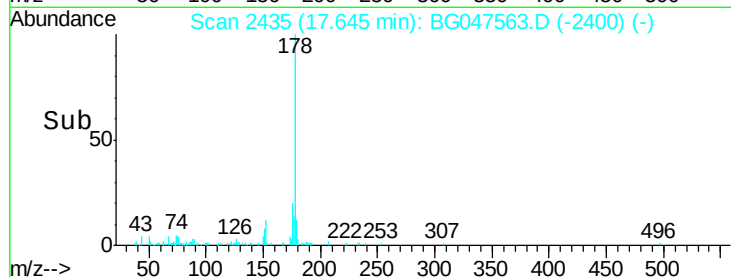
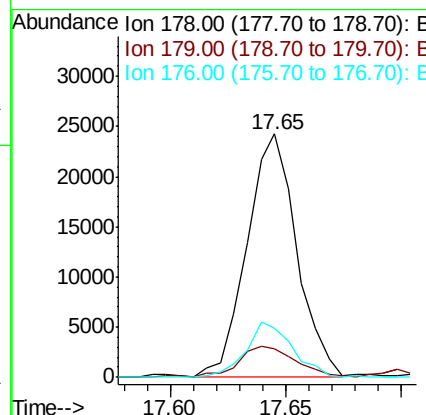
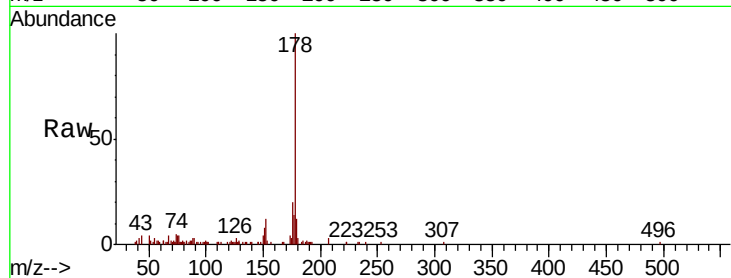
#70
Phenanthrene
Concen: 2.801 ng/ul m
RT: 17.65 min Scan# 2435
Delta R.T. 0.01 min
Lab File: BG047563.D
Acq: 4 Dec 2020 8:14

Instrument :
BNA_G
ClientSampleId :
CB802

Tot Ion	Ratio	Lower	Upper
178	100		
179	11.6	12.3	18.5#
176	20.0	15.0	22.4

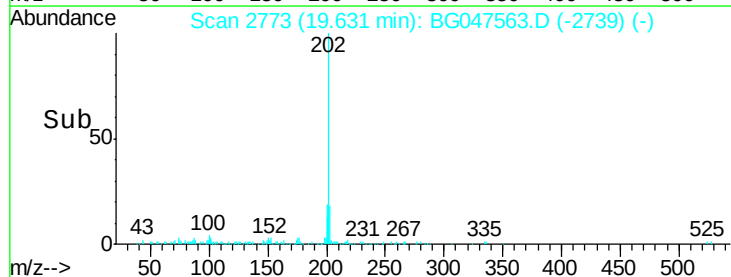
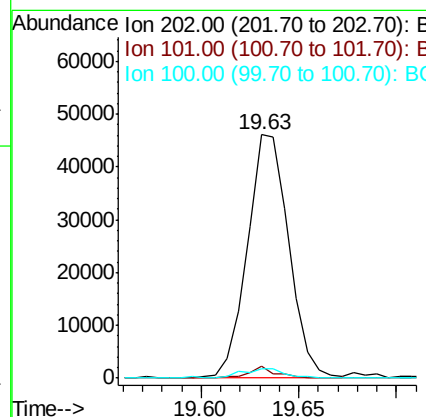
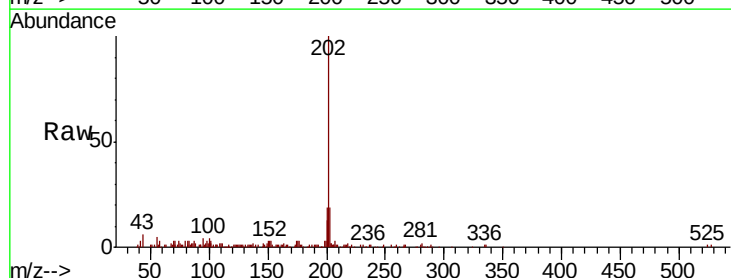
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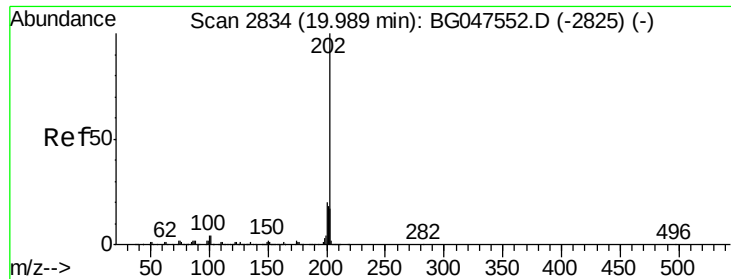
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#77
Fluoranthene
Concen: 4.131 ng/ul
RT: 19.63 min Scan# 2773
Delta R.T. 0.00 min
Lab File: BG047563.D
Acq: 4 Dec 2020 8:14

Tgt Ion	Ratio	Lower	Upper
202	100		
101	4.9	2.8	4.2#
100	4.0	2.6	3.8#





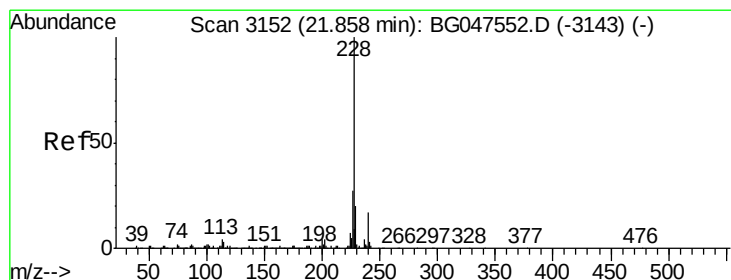
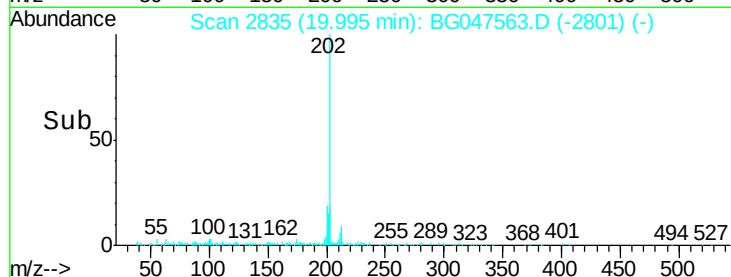
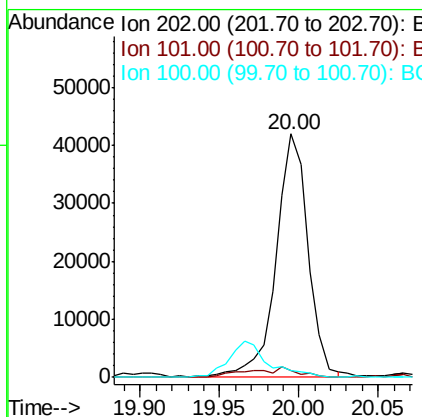
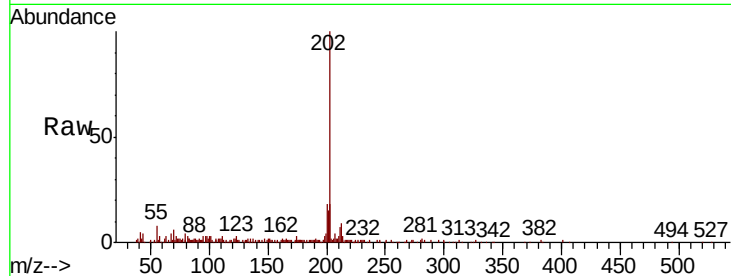
#80
Pvrene
Concen: 4.145 ng/ul
RT: 20.00 min Scan# 2835
Delta R.T. 0.00 min
Lab File: BG047563.D
Acq: 4 Dec 2020 8:14

Instrument :
BNA_G
ClientSampleId :
CB802

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	2.8	3.8	5.6#
100	2.8	2.2	3.4

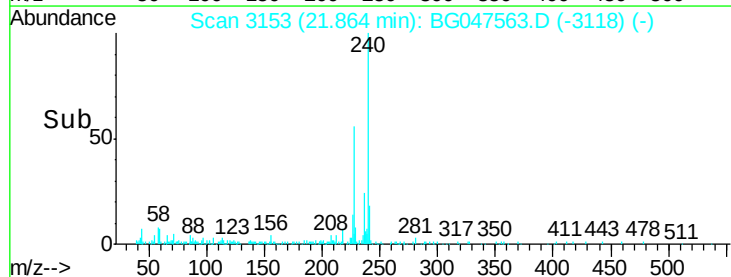
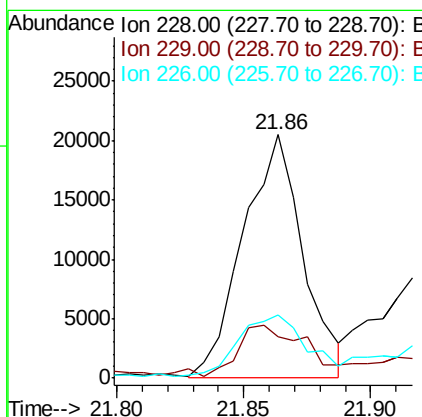
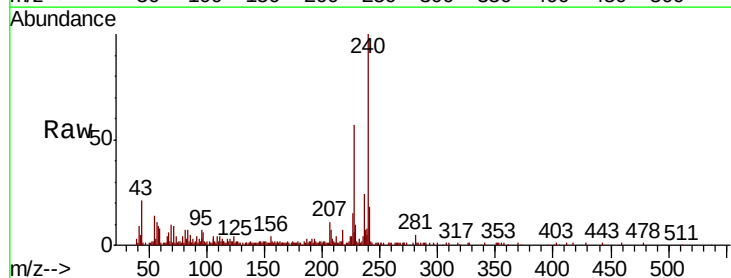
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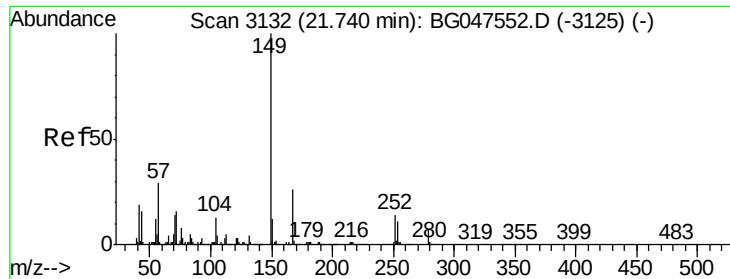
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#83
Benzo(a)anthracene
Concen: 2.380 ng/ul
RT: 21.86 min Scan# 3153
Delta R.T. 0.01 min
Lab File: BG047563.D
Acq: 4 Dec 2020 8:14

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	17.1	14.7	22.1
226	26.0	21.6	32.4





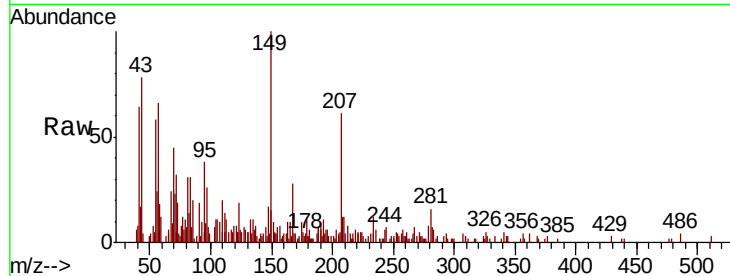
#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.477 ng/ul
 RT: 21.75 min Scan# 3133
 Delta R.T. 0.00 min
 Lab File: BG047563.D
 Acq: 4 Dec 2020 8:14

Instrument :
 BNA_G
 ClientSampled :
 CB802

Tot Ion	Ratio	Lower	Upper
149	100		
167	27.8	20.9	31.3
279	7.9	5.2	7.8

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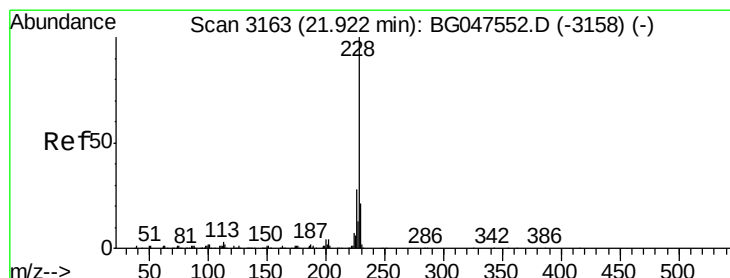
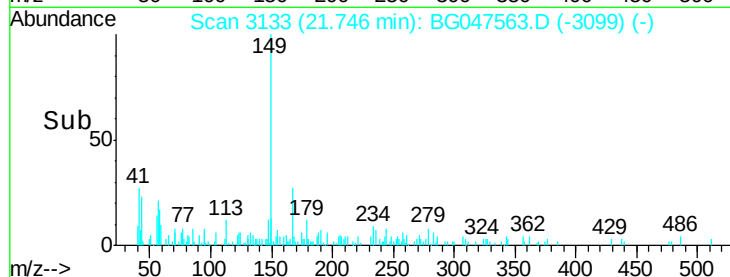
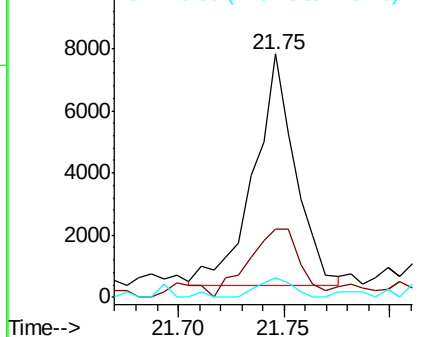


Abundance

Ion 149.00 (148.70 to 149.70): E

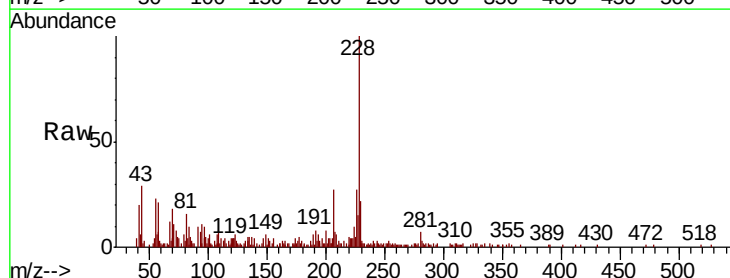
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85
 Chrysene
 Concen: 2.417 ng/ul
 RT: 21.93 min Scan# 3164
 Delta R.T. 0.00 min
 Lab File: BG047563.D
 Acq: 4 Dec 2020 8:14

Tgt Ion	Ratio	Lower	Upper
228	100		
226	27.1	23.8	35.6
229	22.5	15.5	23.3

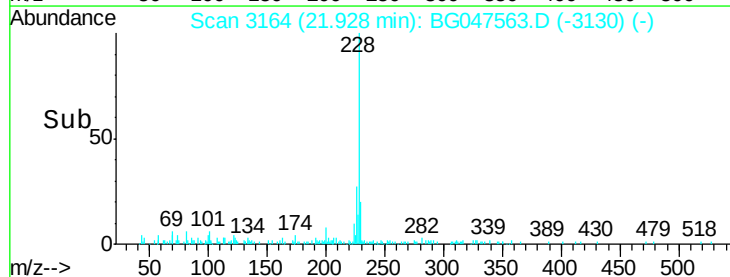
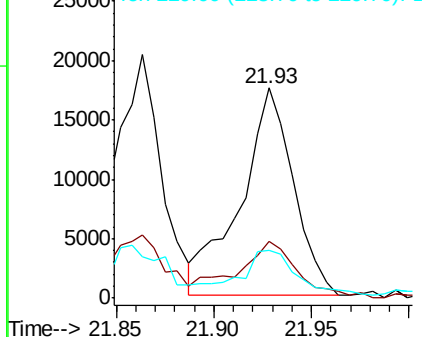


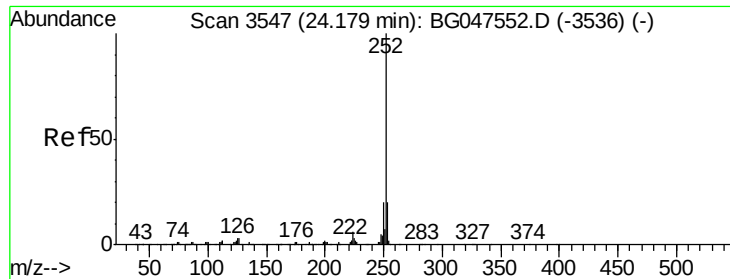
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 3.115 ng/ul

RT: 24.19 min Scan# 3549

Delta R.T. 0.01 min

Lab File: BG047563.D

Acq: 4 Dec 2020 8:14

Instrument :

BNA_G

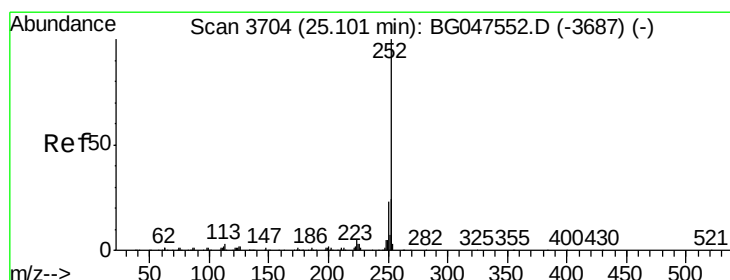
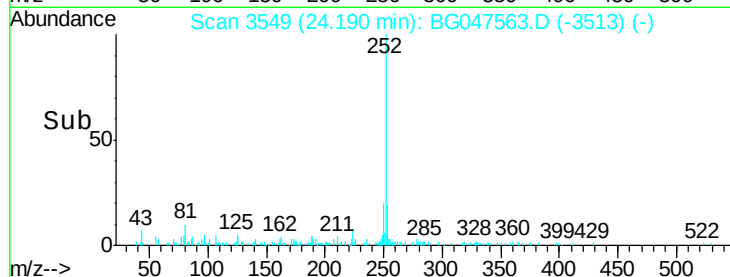
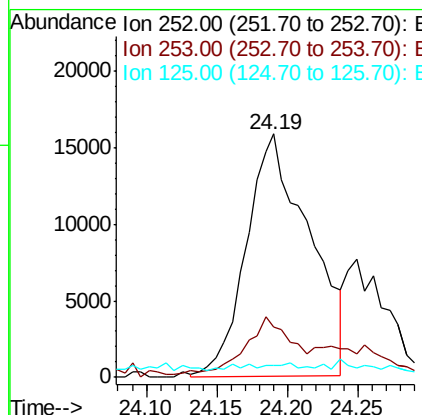
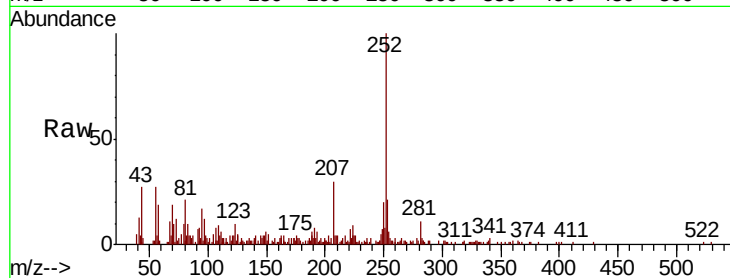
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	20.8	17.9	26.9
125	4.7	2.4	3.6

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#91

Benzo(a)pyrene

Concen: 2.028 ng/ul m

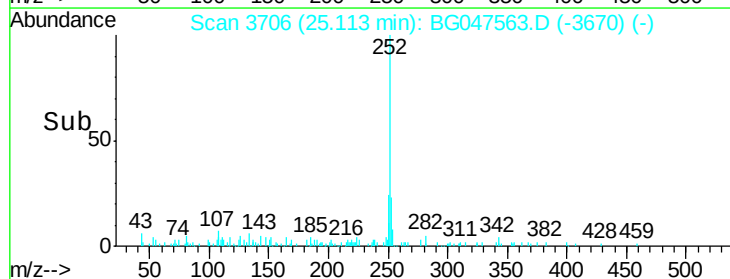
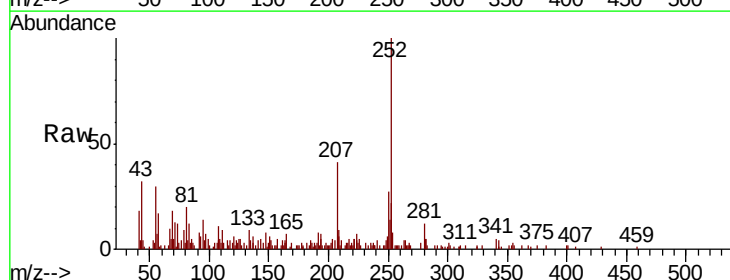
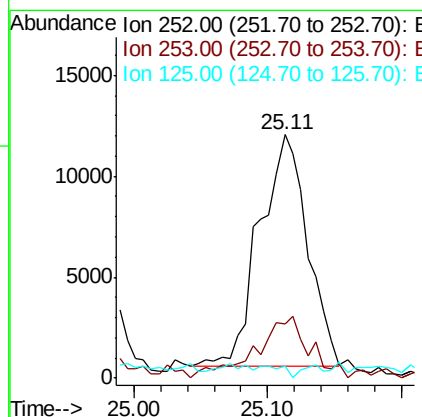
RT: 25.11 min Scan# 3706

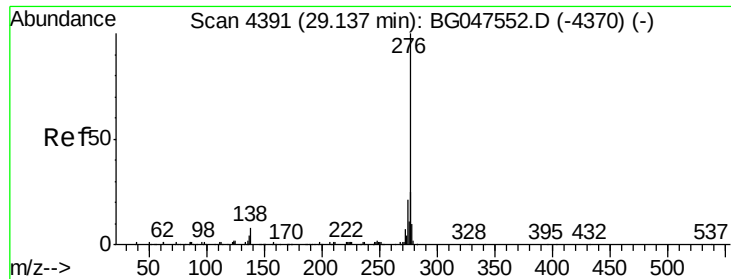
Delta R.T. 0.01 min

Lab File: BG047563.D

Acq: 4 Dec 2020 8:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.3	25.9
125	5.1	2.3	3.5





#92

Indeno(1,2,3-cd)pyrene

Concen: 1.315 ng/ul m

RT: 29.16 min Scan# 4394

Delta R.T. 0.02 min

Lab File: BG047563.D

Acq: 4 Dec 2020 8:14

Instrument :

BNA_G

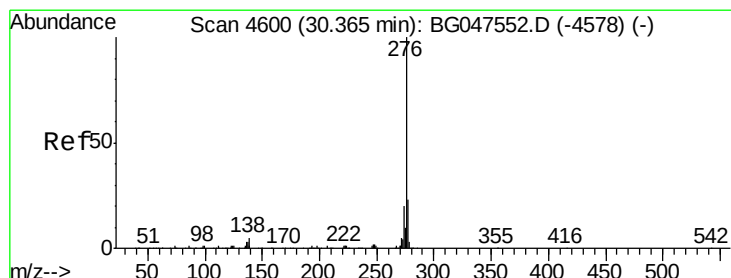
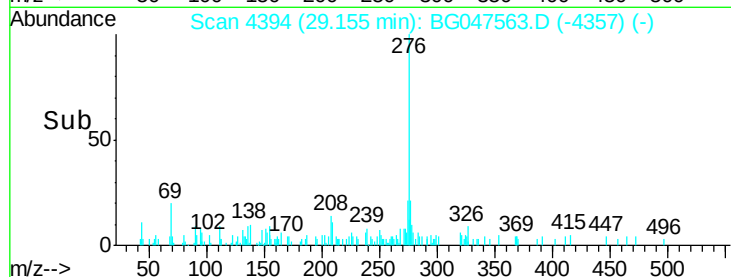
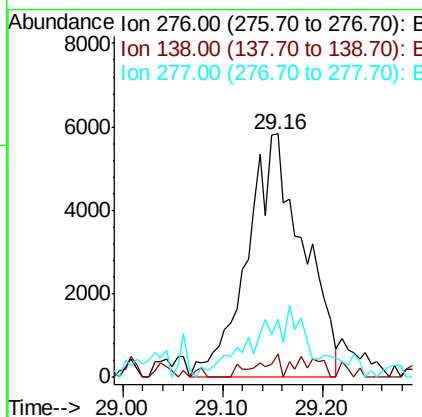
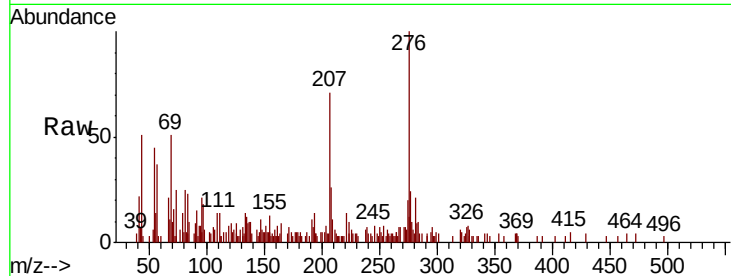
ClientSampleId :

CB802

Tot Ion:	276	Resp:	22676
Ion Ratio	Lower	Upper	
276	100		
138	9.7	3.7	5.5#
277	23.8	18.2	27.4

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#94

Benzo(g,h,i)perylene

Concen: 1.672 ng/ul m

RT: 30.38 min Scan# 4602

Delta R.T. 0.01 min

Lab File: BG047563.D

Acq: 4 Dec 2020 8:14

Tgt Ion:	276	Resp:	23797
Ion Ratio	Lower	Upper	
276	100		
138	10.3	3.6	5.4#
277	27.6	17.5	26.3#

