

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047608.D
 Acq On : 5 Dec 2020 16:34
 Operator : CG/JU
 Sample : L4864-14
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B72

Manual Integrations
 APPROVED

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 12/7/2020 2:01:32 PM

Quant Time: Dec 07 06:04:46 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Dec 07 05:06:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	40724	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	155813	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.87	164	121483	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	285396	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	253836	20.00	ng/ul	-0.02
86) Perylene-d12	25.27	264	263191	20.00	ng/ul	-0.02

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	1898	1.69	ng/uL	-0.02
5) Phenol-d5	7.39	99	47270	11.57	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.56	67	25302	10.86	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.77	132	36469	13.31	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	32219	10.27	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	18705	14.53	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.14	143	20765	14.79	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.68	165	43943	13.67	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	33672	10.36	ng/ul	-0.02
44) Dimethylphthalate-d6	14.25	166	140692	13.49	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	165002	13.69	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	18075	11.36	ng/ul	0.00
58) Fluorene-d10	15.85	176	130901	13.70	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	22121	13.62	ng/ul	-0.02
71) Anthracene-d10	17.70	188	201539	14.24	ng/ul	-0.02
79) Pyrene-d10	19.97	212	219601	14.87	ng/ul	-0.01
90) Benzo(a)pyrene-d12	25.03	264	226254	14.94	ng/ul	-0.03

Target Compounds

					Ovalue
6) Phenol	7.42	94	4263	1.089 ng/ul	87
45) Dimethylphthalate	14.30	163	42122	3.960 ng/ul	99
70) Phenanthrene	17.64	178	17423	1.130 ng/ul#	91
77) Fluoranthene	19.63	202	59940	3.080 ng/ul	99
80) Pyrene	20.00	202	52968	2.946 ng/ul#	93
83) Benzo(a)anthracene	21.86	228	34623	1.917 ng/ul	97
85) Chrysene	21.93	228	35912m	2.089 ng/ul	
88) Benzo(b)fluoranthene	24.18	252	51523	2.773 ng/ul	97
89) Benzo(k)fluoranthene	24.25	252	18693m	1.021 ng/ul	
91) Benzo(a)pyrene	25.10	252	34577	2.087 ng/ul	97
92) Indeno(1,2,3-cd)pyrene	29.14	276	22966m	1.140 ng/ul	
94) Benzo(g,h,i)perylene	30.35	276	18048m	1.085 ng/ul	

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

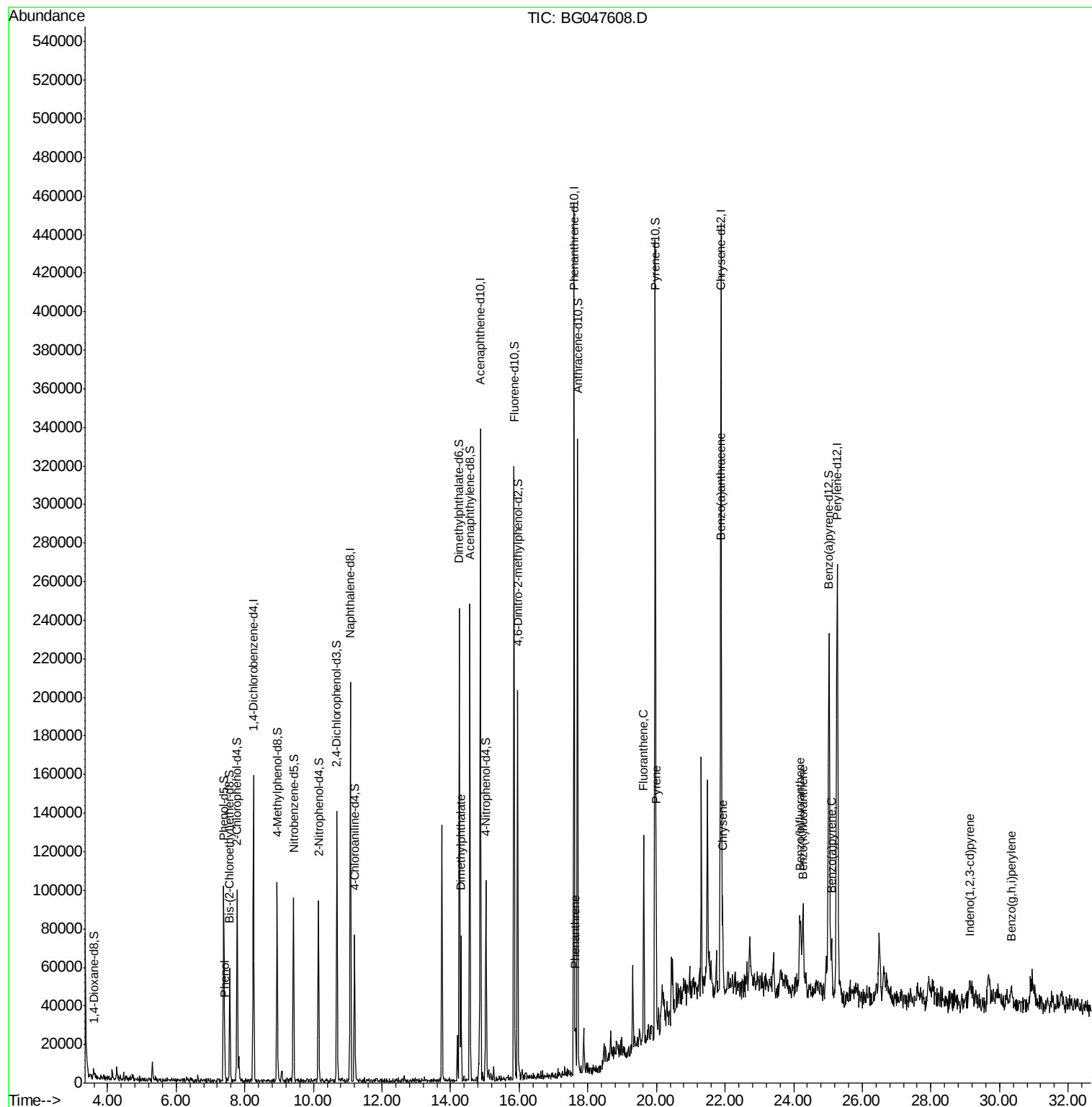
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
Data File : BG047608.D
Acq On : 5 Dec 2020 16:34
Operator : CG/JU
Sample : L4864-14
Misc :
ALS Vial : 41 Sample Multiplier: 1

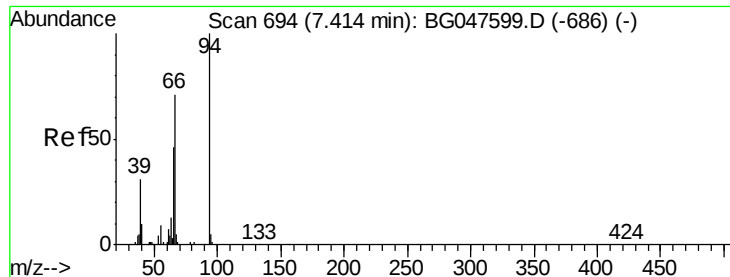
Instrument :
BNA_G
ClientSampleId :
C0B72

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Quant Title : SVOA CALIBRATION
QLast Update : Mon Dec 07 05:06:33 2020
Response via : Initial Calibration





#6

Phenol

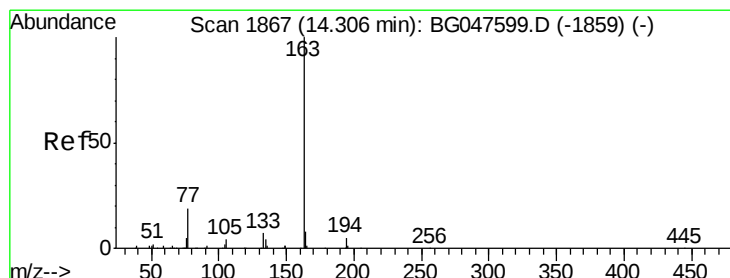
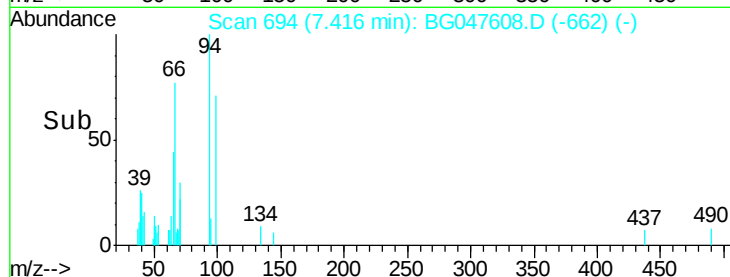
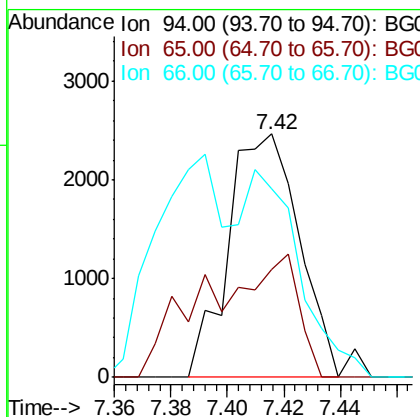
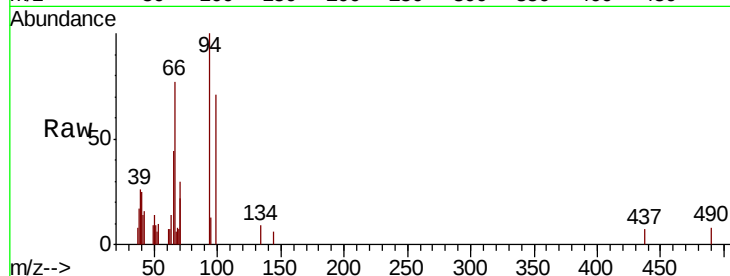
Concen: 1.089 ng/ul
 RT: 7.42 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BG047608.D
 Acq: 5 Dec 2020 16:34

Instrument :
 BNA_G
 ClientSampleId :
 C0B72

Tot Ion	Ratio	Lower	Upper
94	100		
65	44.4	31.2	46.8
66	77.4	52.2	78.2

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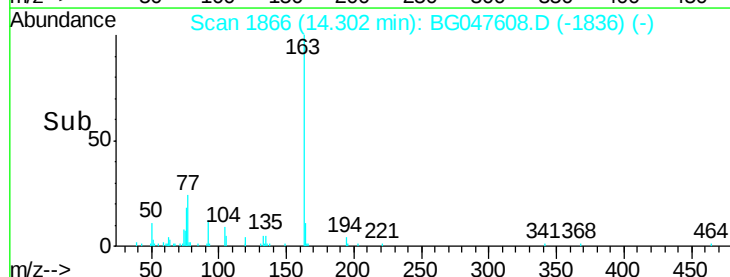
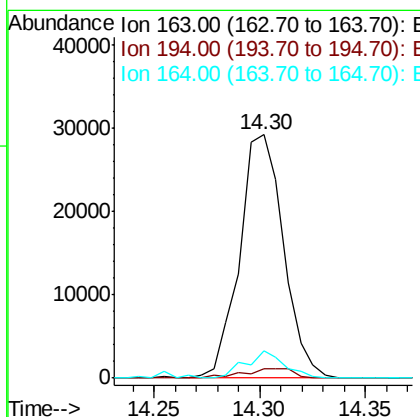
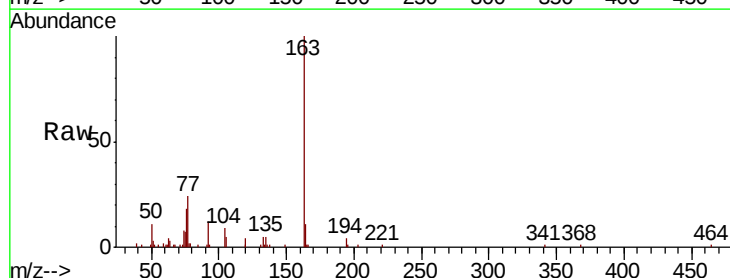


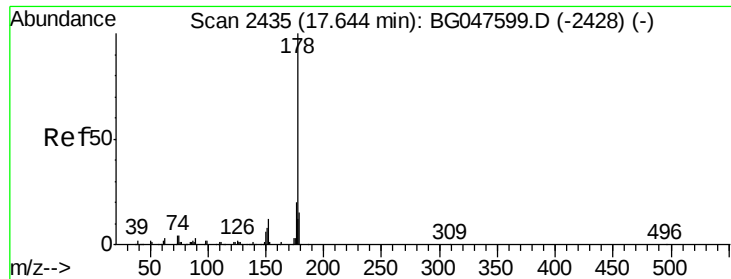
#45

Dimethylphthalate

Concen: 3.960 ng/ul
 RT: 14.30 min Scan# 1866
 Delta R.T. -0.02 min
 Lab File: BG047608.D
 Acq: 5 Dec 2020 16:34

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.8	3.4	5.2
164	11.1	8.8	13.2





#70

Phenanthrene

Concen: 1.130 ng/ul

RT: 17.64 min Scan# 2434

Delta R.T. -0.02 min

Lab File: BG047608.D

Acq: 5 Dec 2020 16:34

Instrument :

BNA_G

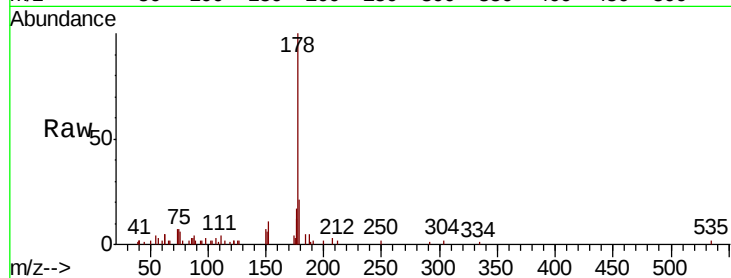
ClientSampleId :

C0B72

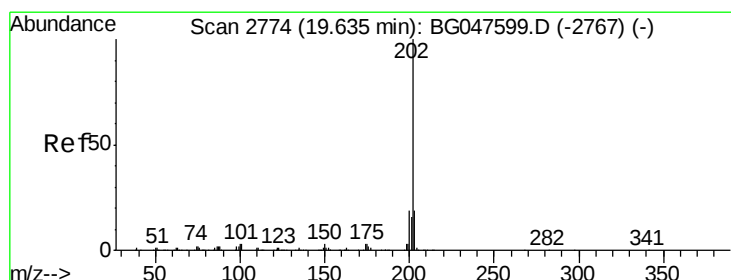
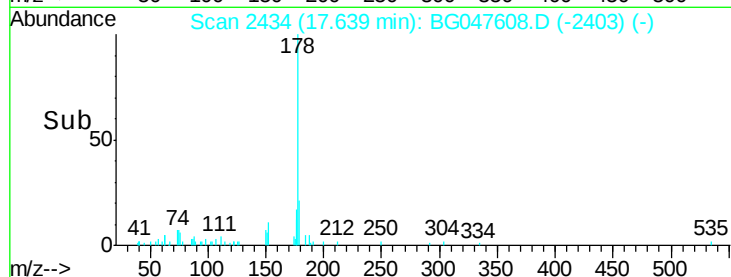
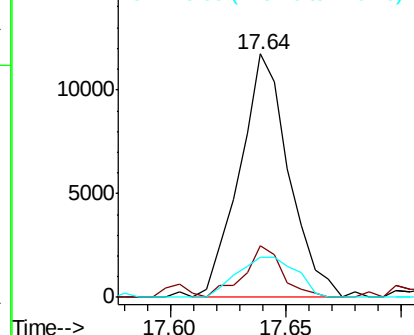
Tot Ion:	178	Resp:	17423
Ion Ratio	Lower	Upper	
178	100		
179	21.3	12.8	19.2#
176	16.6	15.7	23.5

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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: 3.080 ng/ul

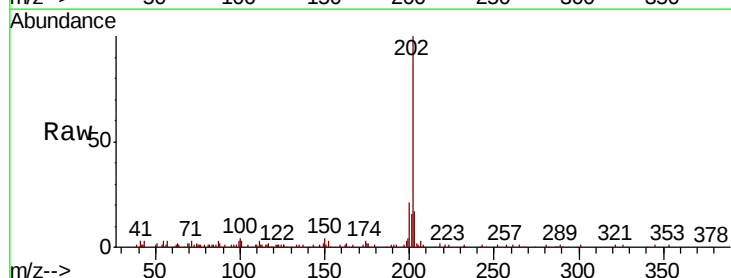
RT: 19.63 min Scan# 2773

Delta R.T. -0.02 min

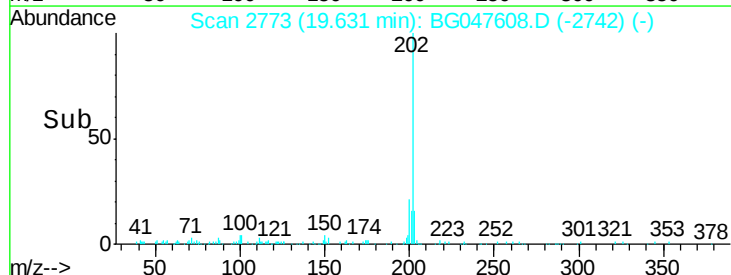
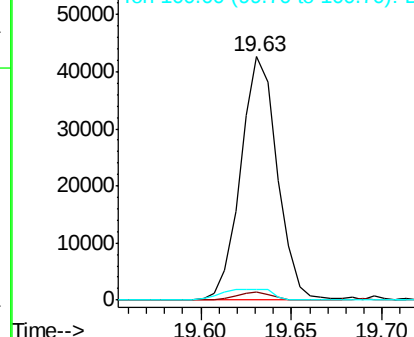
Lab File: BG047608.D

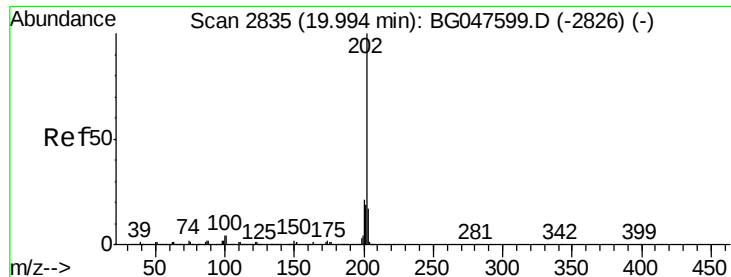
Acq: 5 Dec 2020 16:34

Tgt Ion:	202	Resp:	59940
Ion Ratio	Lower	Upper	
202	100		
101	3.5	3.3	4.9
100	4.4	3.4	5.0



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





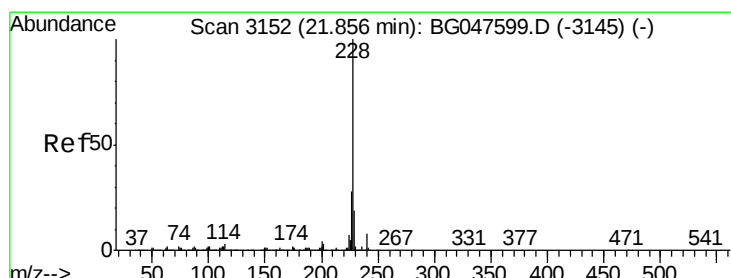
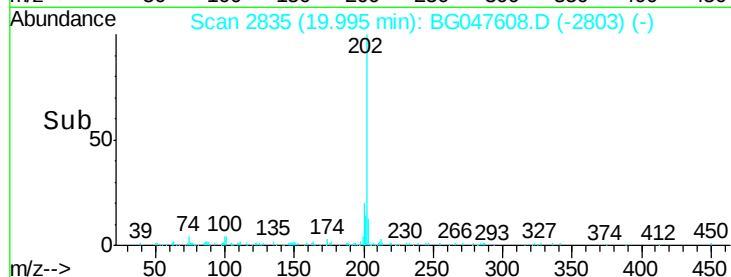
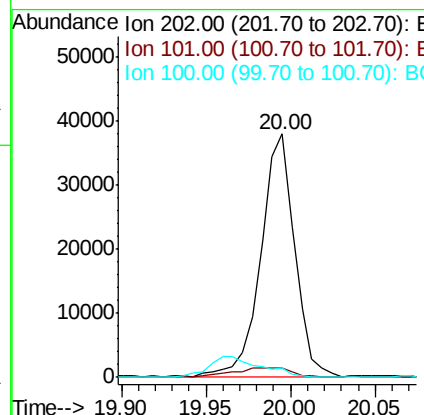
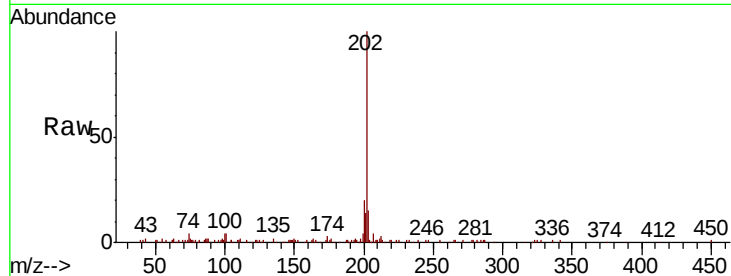
#80
Pvrene
Concen: 2.946 ng/ul
RT: 20.00 min Scan# 2835
Delta R.T. -0.01 min
Lab File: BG047608.D
Acq: 5 Dec 2020 16:34

Instrument :
BNA_G
ClientSampleId :
C0B72

Tot Ion	Ratio	Lower	Upper
202	100		
101	4.0	5.0	7.4#
100	3.6	4.6	7.0#

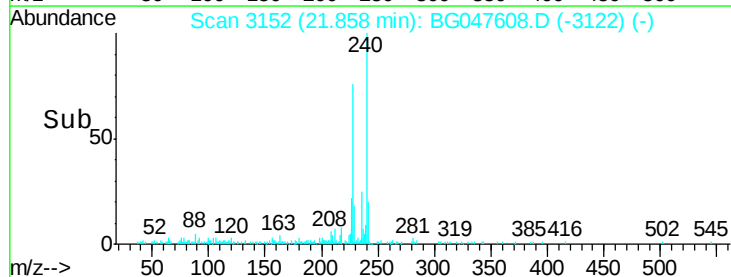
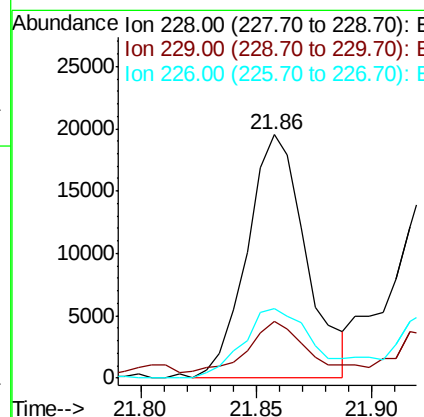
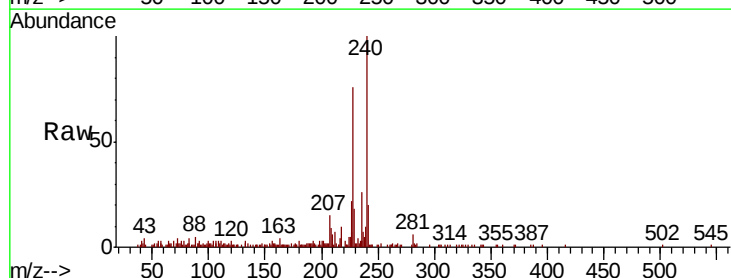
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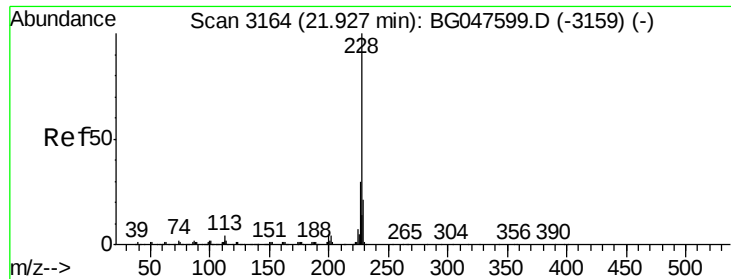
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#83
Benzo(a)anthracene
Concen: 1.917 ng/ul
RT: 21.86 min Scan# 3152
Delta R.T. -0.02 min
Lab File: BG047608.D
Acq: 5 Dec 2020 16:34

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.2	16.2	24.2
226	28.7	23.3	34.9





#85

Chrysene

Concen: 2.089 ng/ul m

RT: 21.93 min Scan# 3164

Delta R.T. -0.02 min

Lab File: BG047608.D

Acq: 5 Dec 2020 16:34

Instrument :

BNA_G

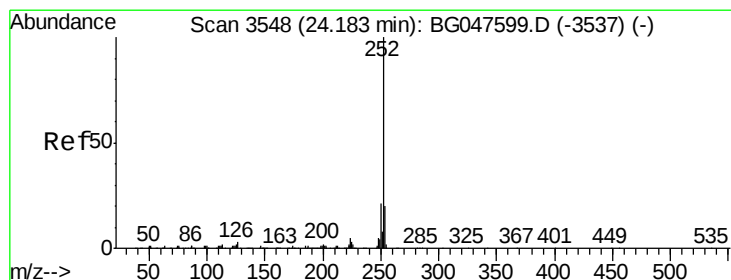
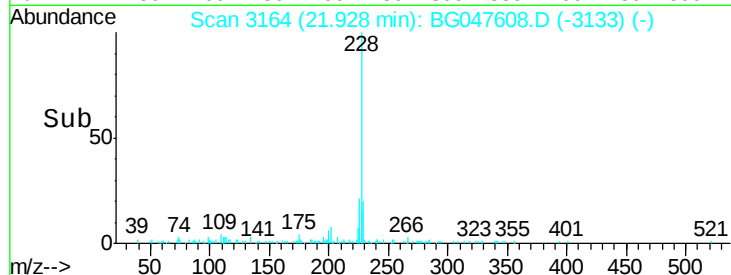
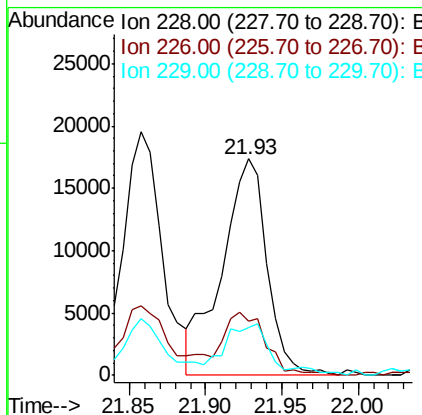
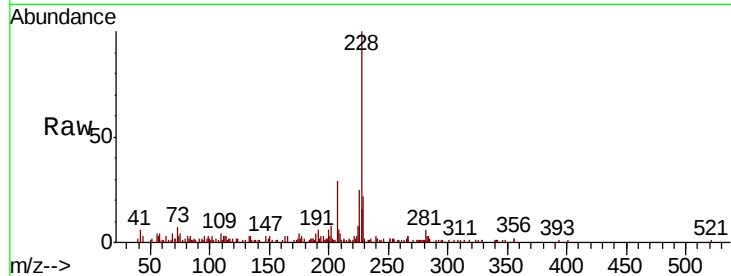
ClientSampleId :

C0B72

Tot Ion:	228	Resp:	35912
Ion Ratio	Lower	Upper	
228	100		
226	24.9	23.8	35.6
229	22.2	16.3	24.5

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#88

Benzo(b)fluoranthene

Concen: 2.773 ng/ul

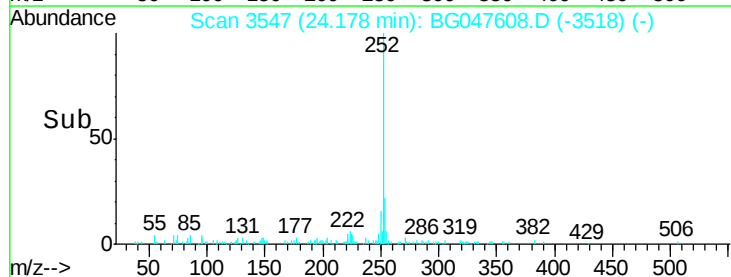
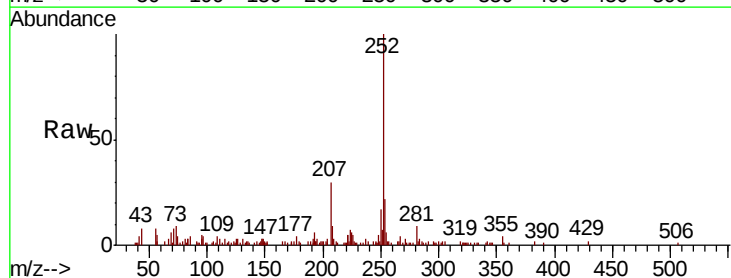
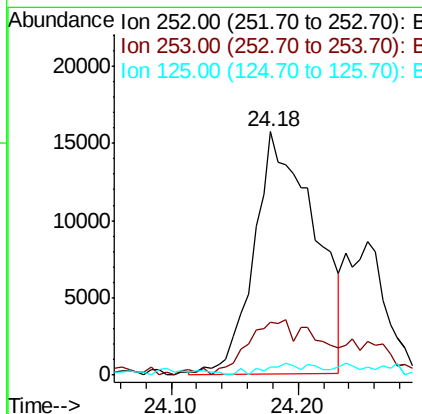
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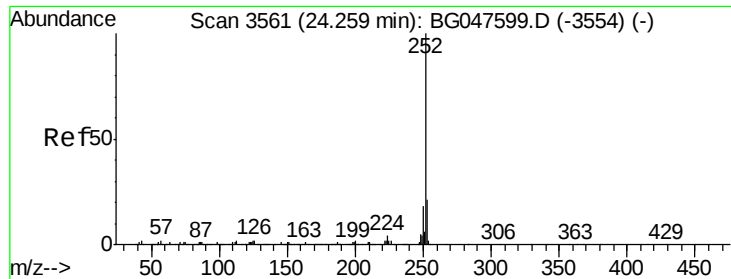
Delta R.T. -0.03 min

Lab File: BG047608.D

Acq: 5 Dec 2020 16:34

Tgt Ion:	252	Resp:	51523
Ion Ratio	Lower	Upper	
252	100		
253	21.6	18.4	27.6
125	3.4	2.5	3.7





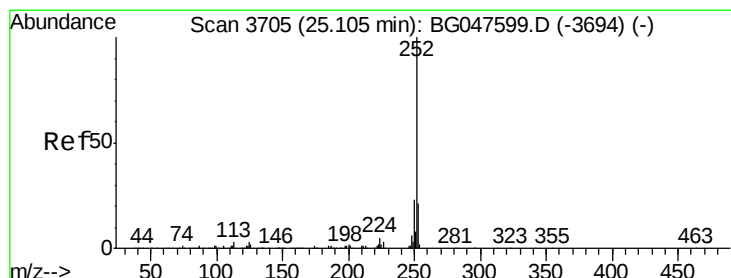
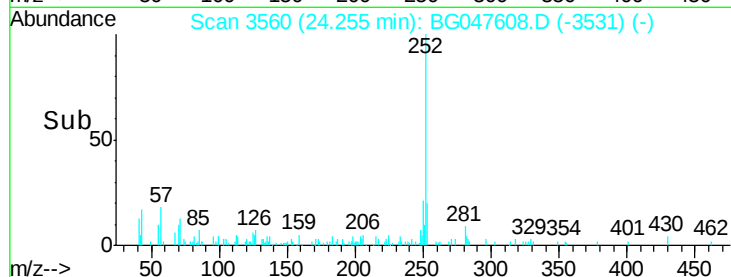
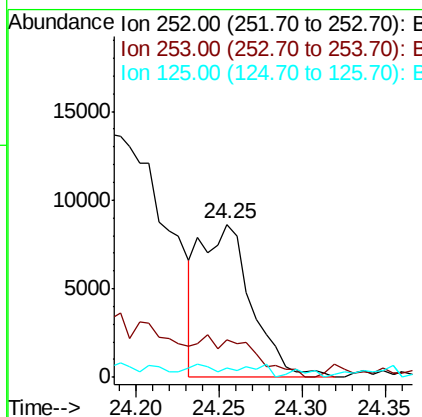
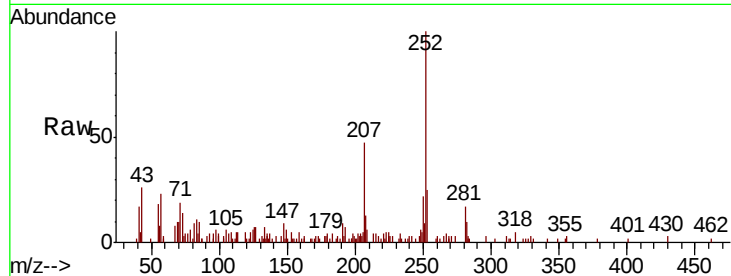
#89
Benzo(k)fluoranthene
Concen: 1.021 ng/ul m
RT: 24.25 min Scan# 3560
Delta R.T. -0.03 min
Lab File: BG047608.D
Acq: 5 Dec 2020 16:34

Instrument :
BNA_G
ClientSampleId :
C0B72

Tot Ion	Ratio	Resp	Lower	Upper
252	100	18693		
253	24.8	16.7	25.1	
125	5.9	2.6	3.8#	

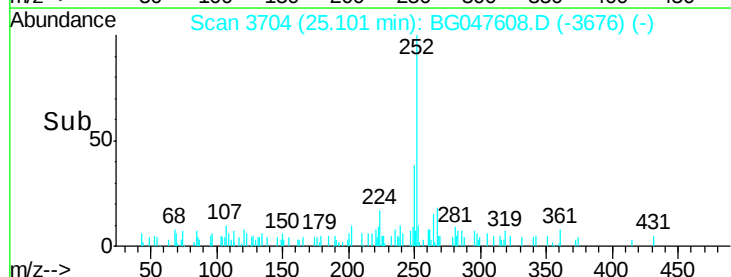
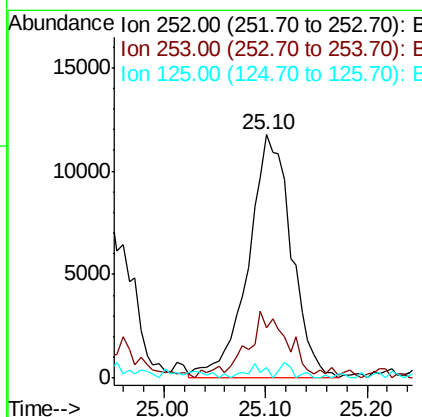
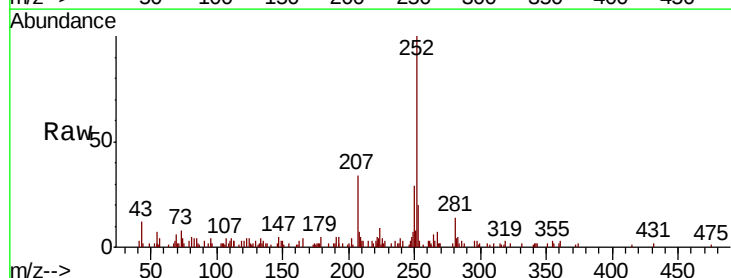
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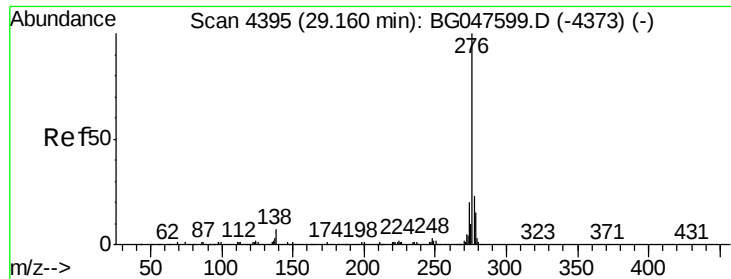
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#91
Benzo(a)pyrene
Concen: 2.087 ng/ul
RT: 25.10 min Scan# 3704
Delta R.T. -0.04 min
Lab File: BG047608.D
Acq: 5 Dec 2020 16:34

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	34577		
253	20.4	17.5	26.3	
125	4.2	3.1	4.7	





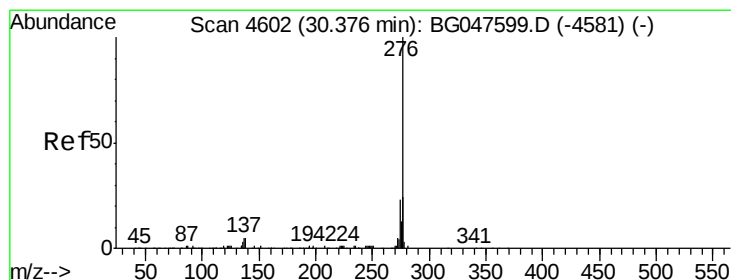
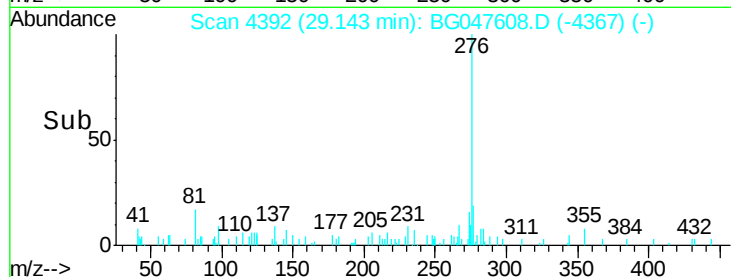
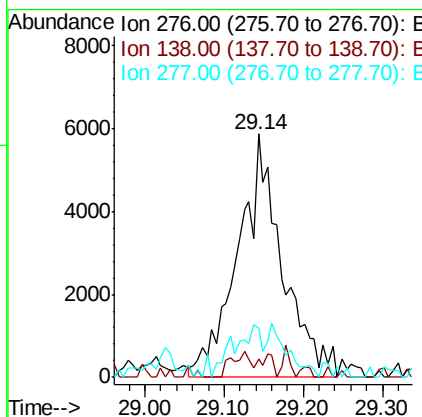
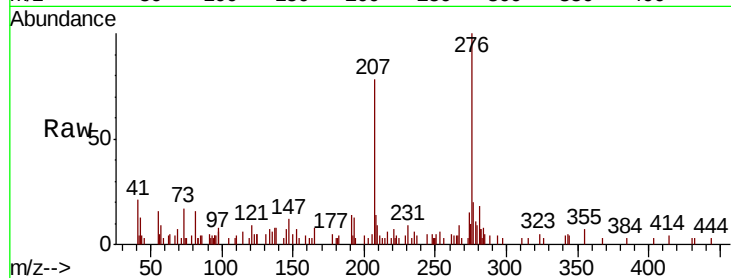
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 1.140 ng/ul m
 RT: 29.14 min Scan# 4392
 Delta R.T. -0.05 min
 Lab File: BG047608.D
 Acq: 5 Dec 2020 16:34

Instrument :
 BNA_G
 ClientSampleId :
 C0B72

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.6	7.5	11.3
277	20.3	19.9	29.9

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#94
 Benzo(g,h,i)perylene
 Concen: 1.085 ng/ul m
 RT: 30.35 min Scan# 4597
 Delta R.T. -0.07 min
 Lab File: BG047608.D
 Acq: 5 Dec 2020 16:34

Tgt Ion	Ratio	Lower	Upper
276	100		
138	0.0	8.2	12.2#
277	22.9	17.5	26.3

