

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120820\
 Data File : BG047663.D
 Acq On : 9 Dec 2020 1:37
 Operator : CG/JU
 Sample : L4942-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B60

Manual Integrations
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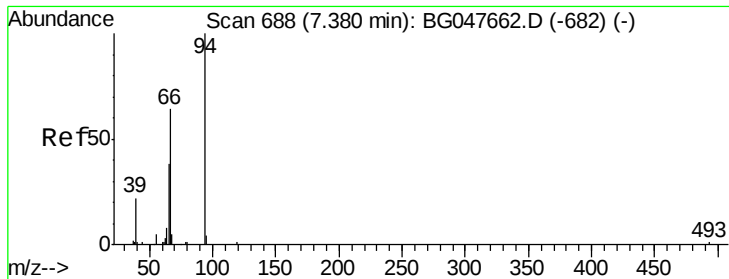
Quant Time: Dec 09 04:10:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Dec 09 02:42:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.21	152	27830	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	108161	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	82997	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	199512m	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	206140	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	213338	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	994	1.90	ng/uL	0.00
5) Phenol-d5	7.35	99	30447	12.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.52	67	18387	15.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	25163	13.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	20907	11.06	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	12974	14.71	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	13987	13.16	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	28370	12.29	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	27845	13.14	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	92428	12.82	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	113927	13.84	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	9519	8.90	ng/ul	0.00
58) Fluorene-d10	15.82	176	86832	13.08	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	15889m	11.77	ng/ul	0.00
71) Anthracene-d10	17.67	188	146616m	14.73	ng/ul	0.00
79) Pyrene-d10	19.94	212	180922	14.85	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.97	264	181610	14.57	ng/ul	0.00

Target Compounds				Ovalue		
6) Phenol	7.38	94	3711	1.649	ng/ul#	91
45) Dimethylphthalate	14.27	163	18911	2.590	ng/ul#	96
70) Phenanthrene	17.62	178	28017	2.591	ng/ul	97
77) Fluoranthene	19.61	202	104481m	7.594	ng/ul	
80) Pyrene	19.97	202	87133	5.812	ng/ul#	96
83) Benzo(a)anthracene	21.83	228	52633	3.574	ng/ul	98
85) Chrysene	21.90	228	49758	3.580	ng/ul	94
88) Benzo(b)fluoranthene	24.14	252	67610	4.540	ng/ul#	93
89) Benzo(k)fluoranthene	24.20	252	27370m	1.854	ng/ul	
91) Benzo(a)pyrene	25.05	252	45321	3.375	ng/ul#	98
92) Indeno(1,2,3-cd)pyrene	29.06	276	34001m	2.076	ng/ul	
94) Benzo(g,h,i)perylene	30.25	276	28854m	2.146	ng/ul	

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



#6

Phenol

Concen: 1.649 ng/ul

RT: 7.38 min Scan# 688

Delta R.T. -0.00 min

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Instrument :

BNA_G

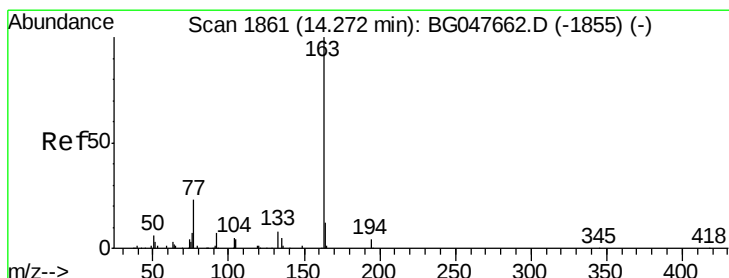
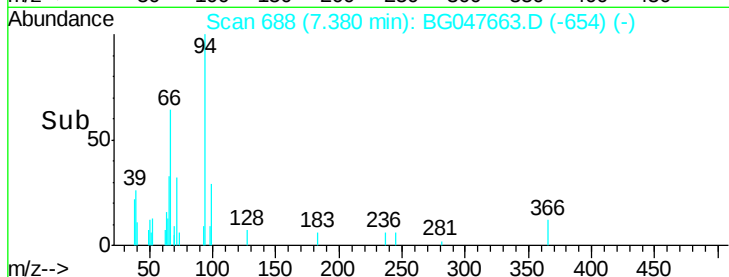
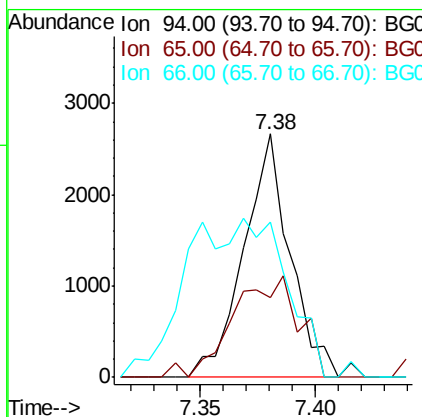
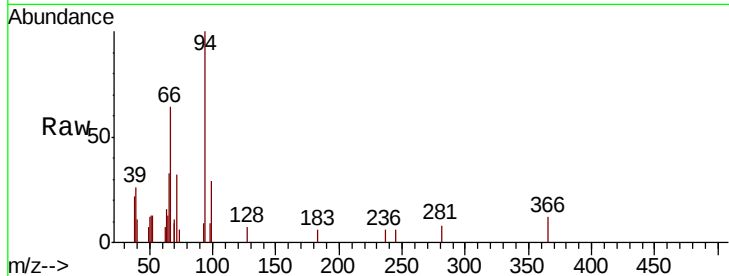
ClientSampleId :

C0B60

Tot Ion:	94	Resp:	3711
Ion	Ratio	Lower	Upper
94	100		
65	32.7	35.9	53.9#
66	63.8	50.1	75.1

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#45

Dimethylphthalate

Concen: 2.590 ng/ul

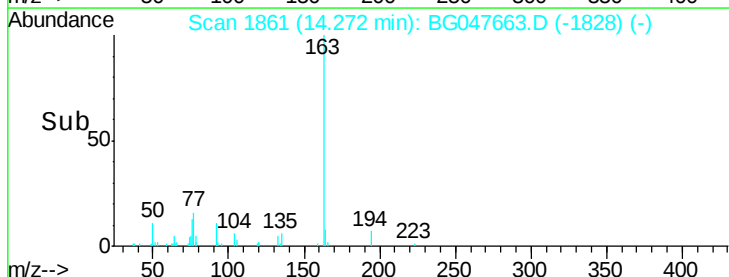
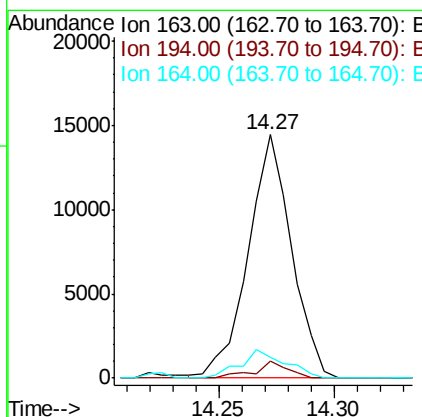
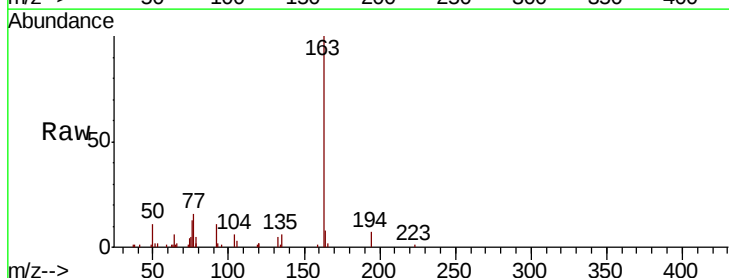
RT: 14.27 min Scan# 1861

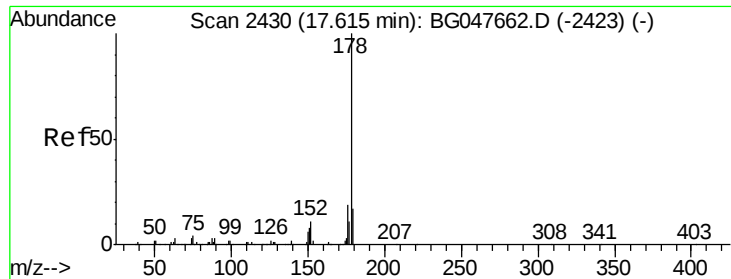
Delta R.T. -0.01 min

Lab File: BG047663.D

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Tgt Ion:	163	Resp:	18911
Ion	Ratio	Lower	Upper
163	100		
194	7.1	3.9	5.9#
164	8.5	7.4	11.2





#70

Phenanthrene

Concen: 2.591 ng/ul

RT: 17.62 min Scan# 2430

Delta R.T. -0.00 min

Lab File: BG047663.D

Acq: 9 Dec 2020 1:37

Instrument :

BNA_G

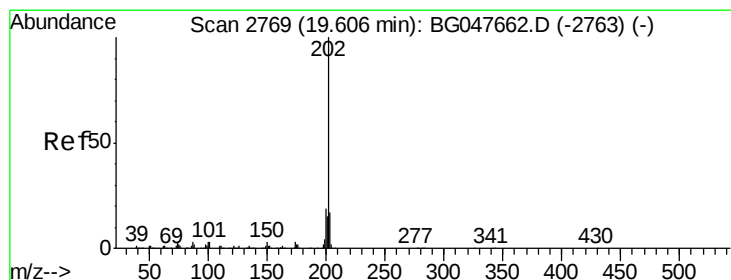
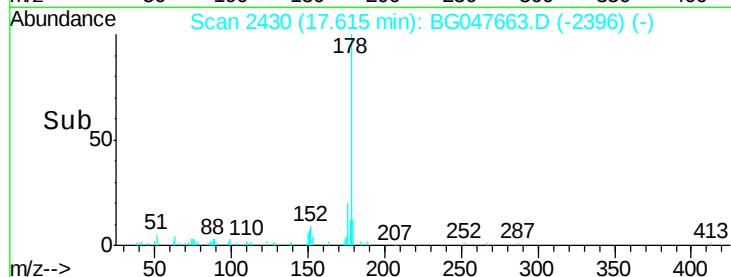
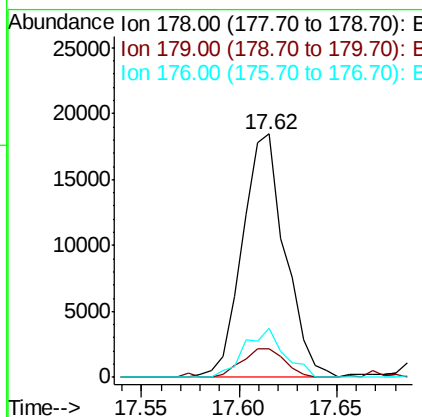
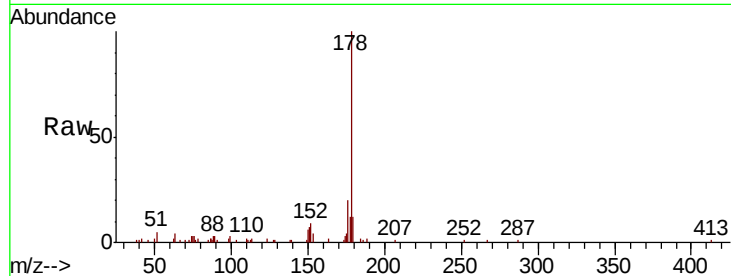
ClientSampleId :

C0B60

Tot Ion:	178	Resp:	28017
Ion Ratio	Lower	Upper	
178	100		
179	11.9	11.6	17.4
176	19.9	15.8	23.8

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#77

Fluoranthene

Concen: 7.594 ng/ul m

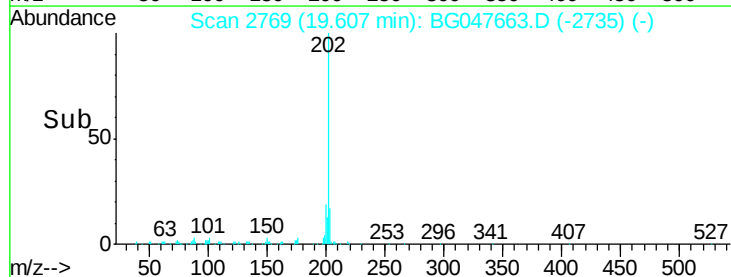
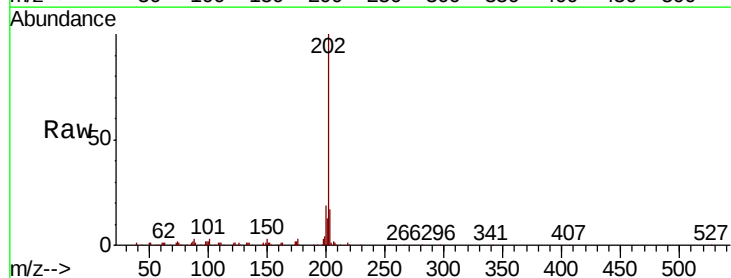
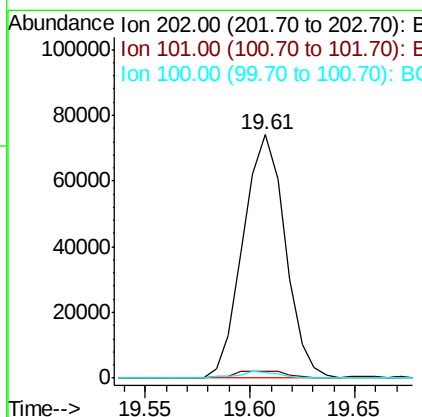
RT: 19.61 min Scan# 2769

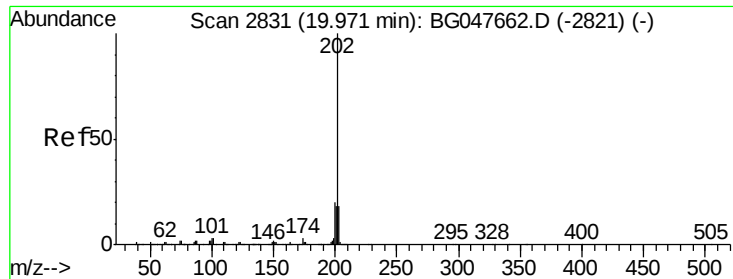
Delta R.T. -0.00 min

Lab File: BG047663.D

Acq: 9 Dec 2020 1:37

Tgt Ion:	202	Resp:	104481
Ion Ratio	Lower	Upper	
202	100		
101	2.7	2.4	3.6
100	2.2	2.6	3.8#





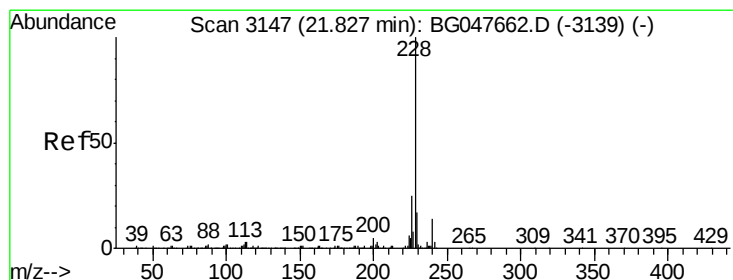
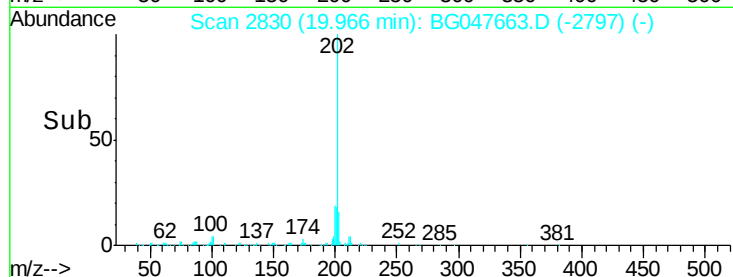
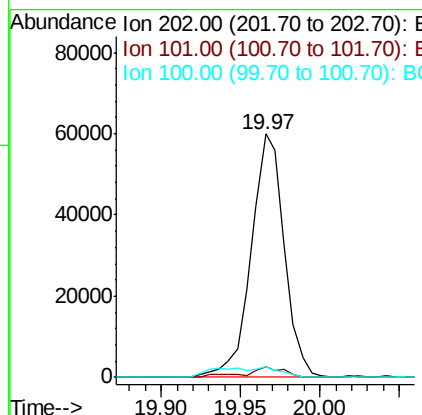
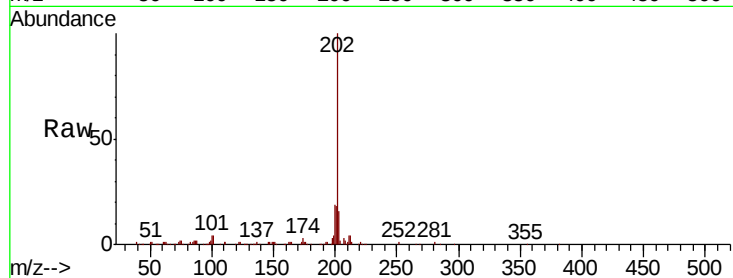
#80
Pvrene
Concen: 5.812 ng/ul
RT: 19.97 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BG047663.D
Acq: 9 Dec 2020 1:37

Instrument :
BNA_G
ClientSampleId :
C0B60

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	4.4	2.5	3.7#
100	4.5	2.4	3.6#

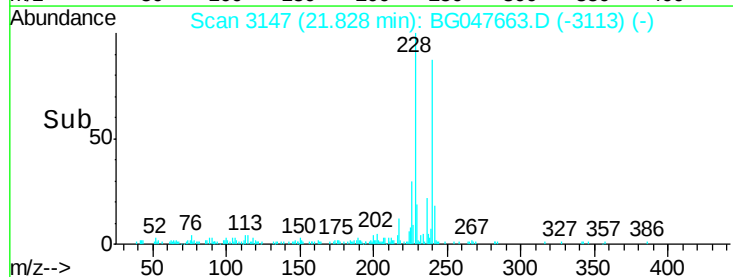
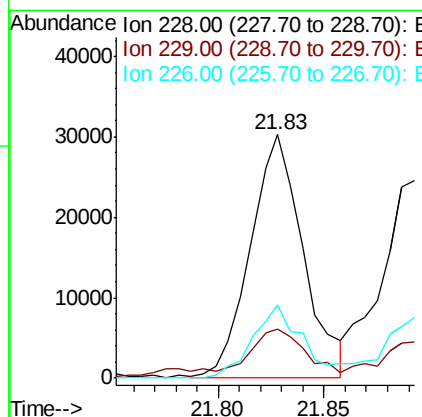
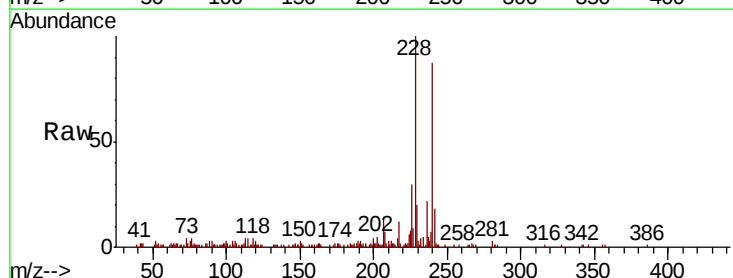
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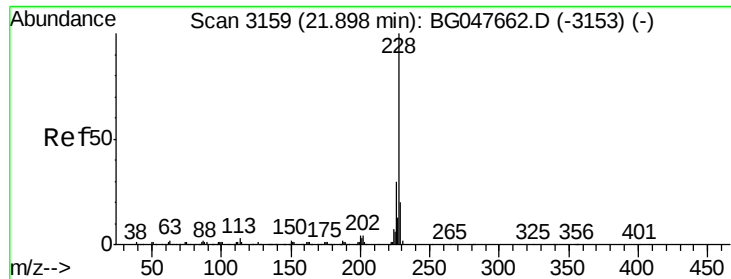
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#83
Benzo(a)anthracene
Concen: 3.574 ng/ul
RT: 21.83 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG047663.D
Acq: 9 Dec 2020 1:37

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.4	16.0	24.0
226	29.9	22.4	33.6





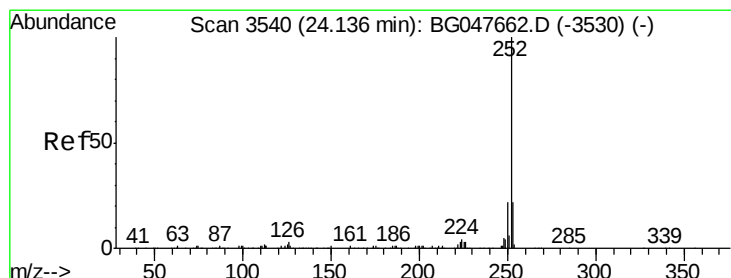
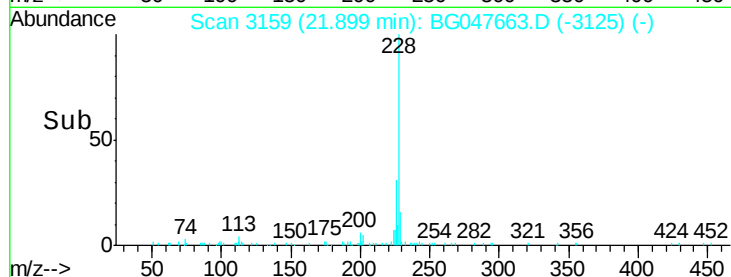
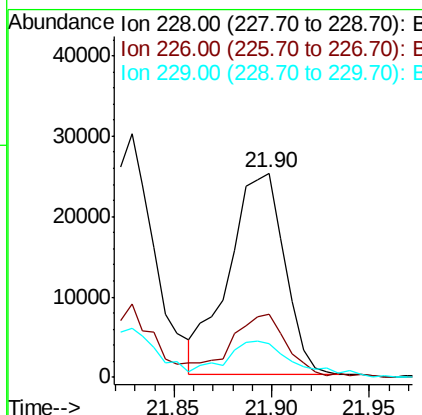
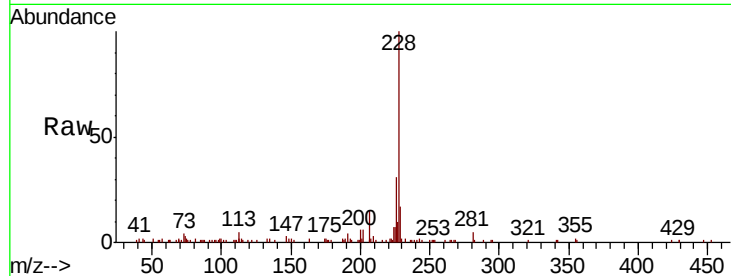
#85
Chrysene
Concen: 3.580 ng/ul
RT: 21.90 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG047663.D
Acq: 9 Dec 2020 1:37

Instrument :
BNA_G
ClientSampleId :
C0B60

Tot Ion:	228	Resp:	49758
Ion Ratio	Lower	Upper	
228	100		
226	31.2	23.0	34.4
229	16.6	15.8	23.8

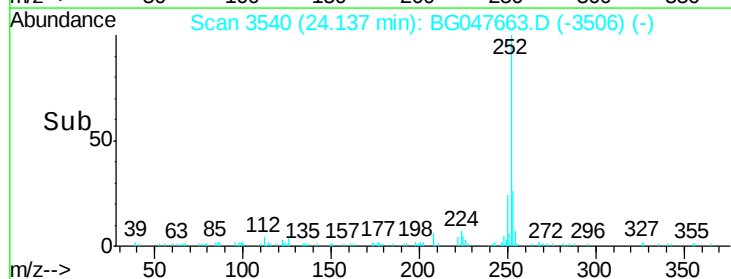
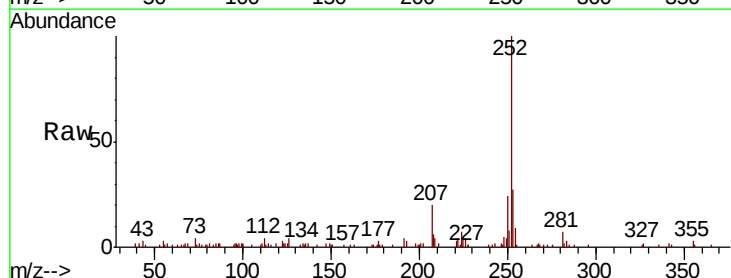
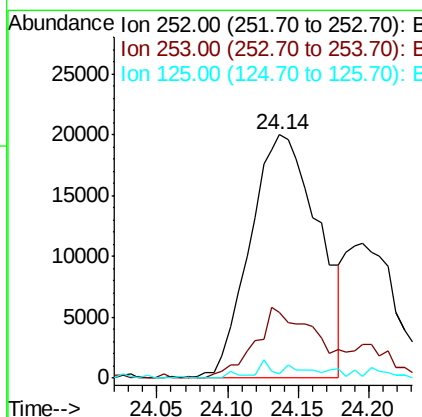
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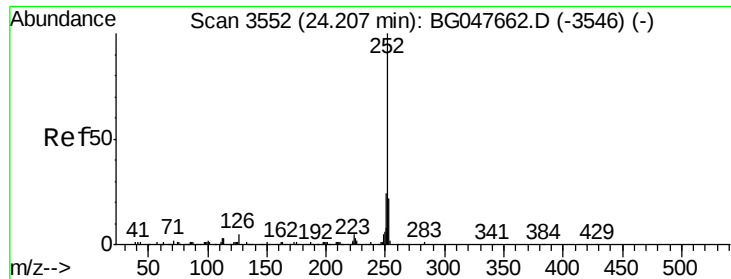
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#88
Benzo(b)fluoranthene
Concen: 4.540 ng/ul
RT: 24.14 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG047663.D
Acq: 9 Dec 2020 1:37

Tgt Ion:	252	Resp:	67610
Ion Ratio	Lower	Upper	
252	100		
253	27.1	18.7	28.1
125	1.8	2.6	3.8#





#89

Benzo(k)fluoranthene

Concen: 1.854 ng/ul

RT: 24.20 min Scan# 3550

Delta R.T. -0.01 min

Lab File: BG047663.D

Acq: 9 Dec 2020 1:37

Instrument :

BNA_G

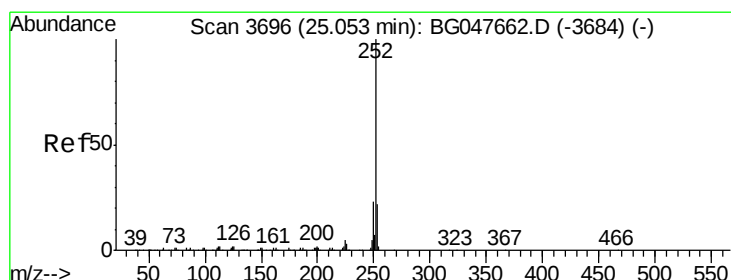
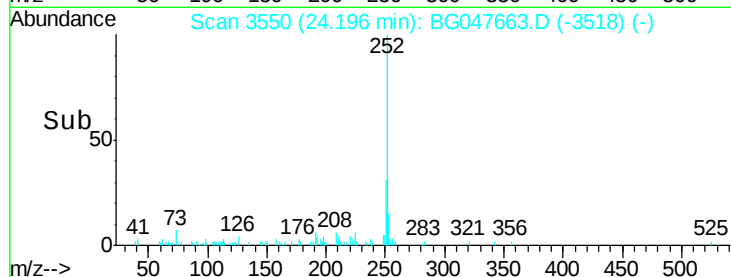
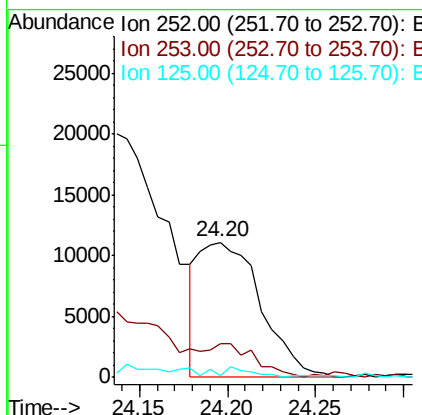
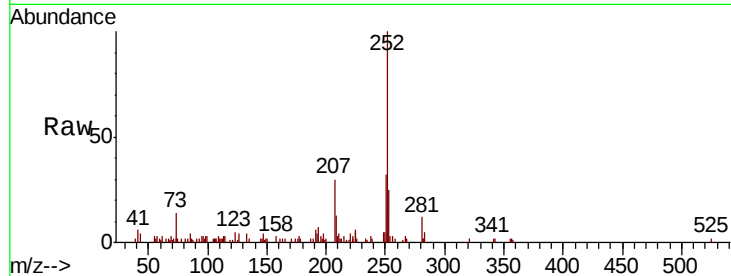
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
252	100		
253	24.5	16.9	25.3
125	1.4	2.2	3.4

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#91

Benzo(a)pyrene

Concen: 3.375 ng/ul

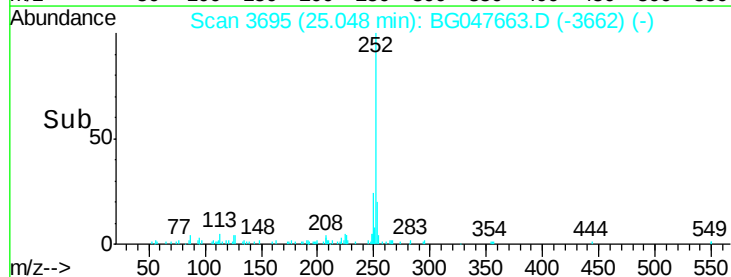
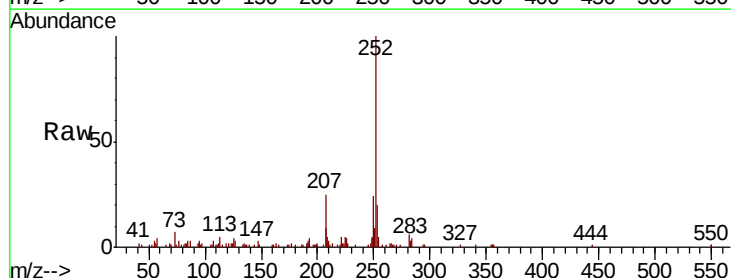
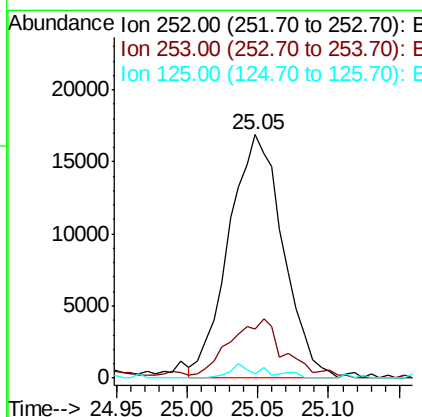
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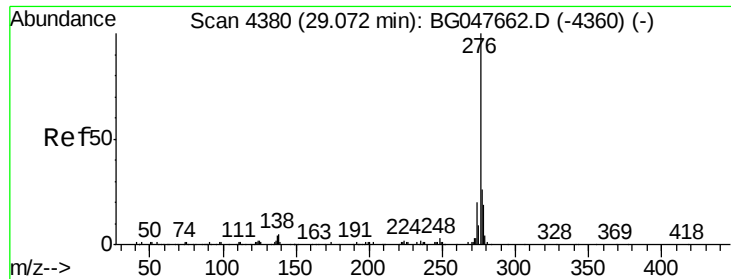
Delta R.T. -0.01 min

Lab File: BG047663.D

Acq: 9 Dec 2020 1:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	20.4	16.9	25.3
125	2.0	2.6	3.8





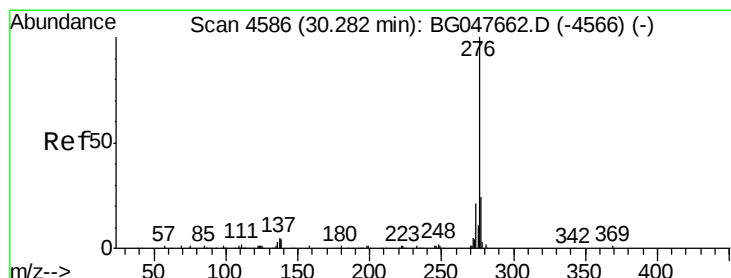
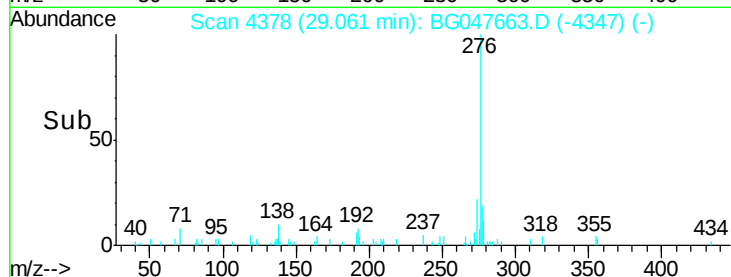
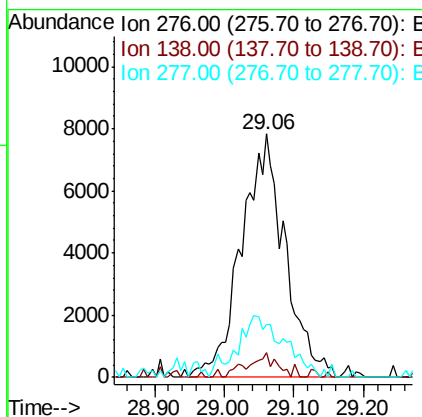
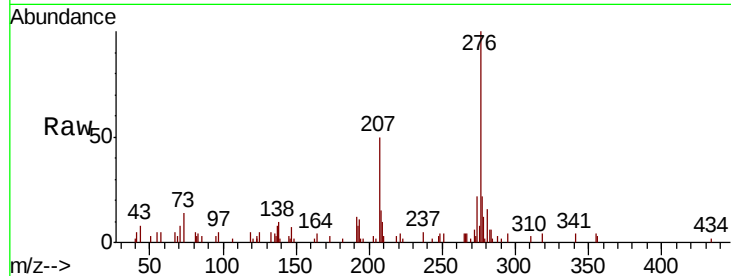
#92
 Indeno(1,2,3-cd)pyrene
 Concen: 2.076 ng/ul m
 RT: 29.06 min Scan# 4378
 Delta R.T. -0.02 min
 Lab File: BG047663.D
 Acq: 9 Dec 2020 1:37

Instrument :
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Tot Ion	Ratio	Lower	Upper
276	100		
138	10.2	3.3	4.9#
277	21.9	18.6	27.8

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#94
 Benzo(g,h,i)perylene
 Concen: 2.146 ng/ul m
 RT: 30.25 min Scan# 4580
 Delta R.T. -0.02 min
 Lab File: BG047663.D
 Acq: 9 Dec 2020 1:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.6	4.7	7.1
277	16.7	21.9	32.9#

