

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
 Data File : BG047639.D
 Acq On : 8 Dec 2020 6:13
 Operator : CG/JU
 Sample : L4862-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AZ1

Manual Integrations
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Quant Time: Dec 08 07:49:45 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG120720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 08 07:34:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.22	152	28419	20.00	ng/ul	0.00
18) Naphthalene-d8	11.04	136	107258	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.84	164	81860	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.57	188	211418m	20.00	ng/ul	0.00
78) Chrysene-d12	21.85	240	206652m	20.00	ng/ul	0.00
86) Perylene-d12	25.21	264	219853	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.54	96	3253m	6.10	ng/uL	0.00
5) Phenol-d5	7.35	99	68756	28.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.53	67	36602	29.27	ng/ul	0.00
9) 2-Chlorophenol-d4	7.74	132	54091	29.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	49882	25.84	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	27873	31.87	ng/ul	0.00
22) 2-Nitrophenol-d4	10.11	143	32649	30.97	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.65	165	63544	27.76	ng/ul	0.00
29) 4-Chloroaniline-d4	11.16	131	57611	27.41	ng/ul	0.00
44) Dimethylphthalate-d6	14.23	166	205015	28.83	ng/ul	0.00
47) Acenaphthylene-d8	14.53	160	243721	30.01	ng/ul	0.00
52) 4-Nitrophenol-d4	15.00	143	27515	26.09	ng/ul	0.00
58) Fluorene-d10	15.82	176	189143	28.90	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.92	200	40133m	28.04	ng/ul	0.00
71) Anthracene-d10	17.67	188	310321	29.43	ng/ul	0.00
79) Pyrene-d10	19.94	212	359915	29.47	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.98	264	370404	28.84	ng/ul	0.00
Target Compounds						
6) Phenol	7.38	94	7032	3.060	ng/ul#	71
45) Dimethylphthalate	14.27	163	61200	8.497	ng/ul#	97
70) Phenanthrene	17.61	178	47550	4.150	ng/ul	97
77) Fluoranthene	19.61	202	72744m	4.989	ng/ul	
80) Pyrene	19.97	202	56200m	3.739	ng/ul	
83) Benzo(a)anthracene	21.83	228	35736m	2.420	ng/ul	
85) Chrysene	21.90	228	31612	2.269	ng/ul	96
88) Benzo(b)fluoranthene	24.14	252	41461m	2.702	ng/ul	
91) Benzo(a)pyrene	25.05	252	26525	1.917	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.06	276	18789m	1.113	ng/ul	
94) Benzo(g,h,i)perylene	30.25	276	16205m	1.169	ng/ul	

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

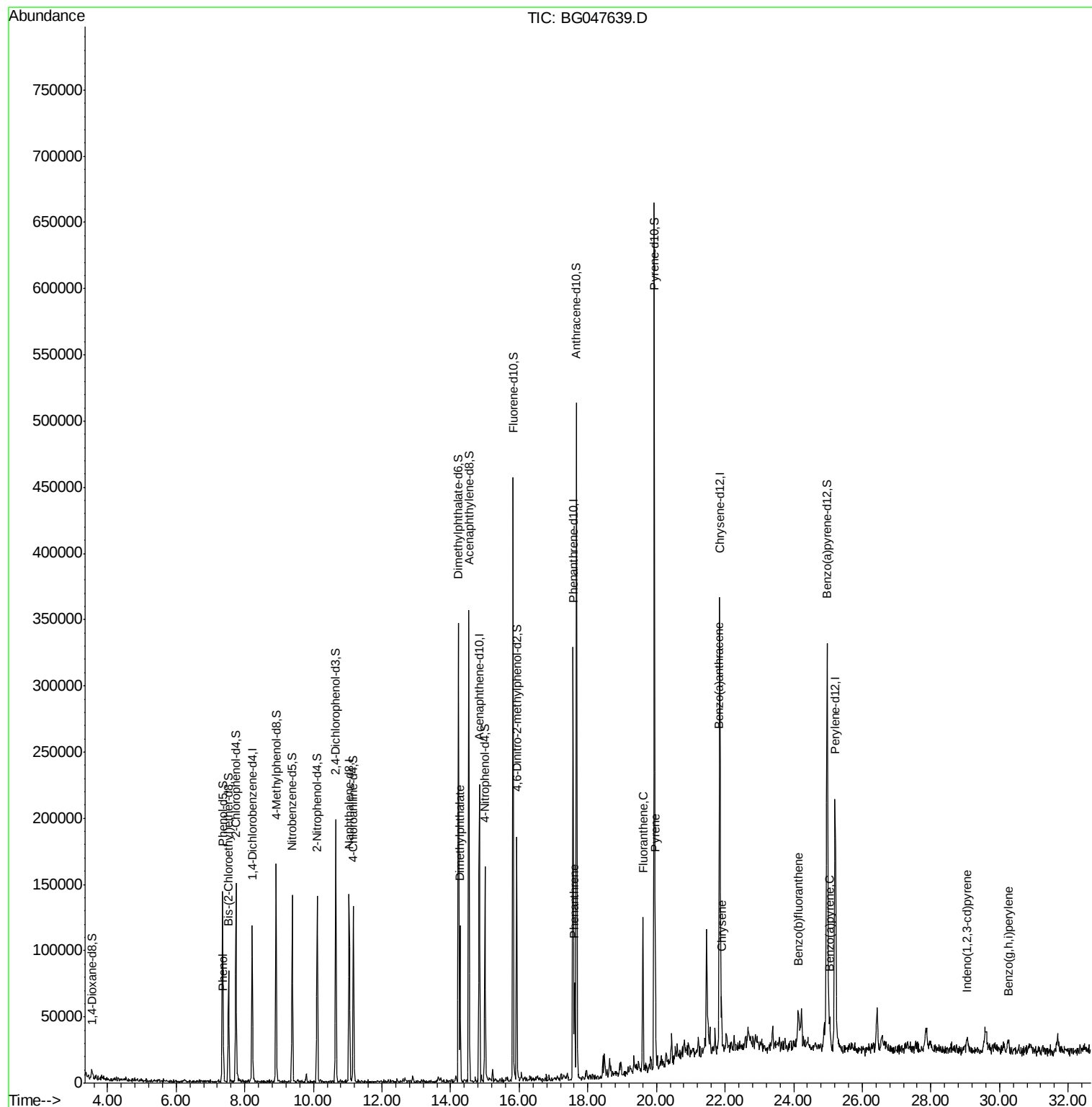
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120720\
Data File : BG047639.D
Acq On : 8 Dec 2020 6:13
Operator : CG/JU
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Misc :
ALS Vial : 17 Sample Multiplier: 1

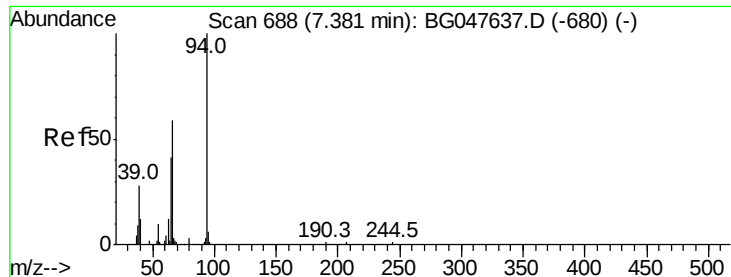
Instrument :
BNA_G
ClientSampleId :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 08 07:34:04 2020
Response via : Initial Calibration





#6

Phenol

Concen: 3.060 ng/ul

RT: 7.38 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG047639.D

Acq: 8 Dec 2020 6:13

Instrument :

BNA_G

ClientSampleId :

C0AZ1

Tot Ion: 94 Resp: 7032

Ion Ratio Lower Upper

94 100

65 57.4 35.9 53.9#

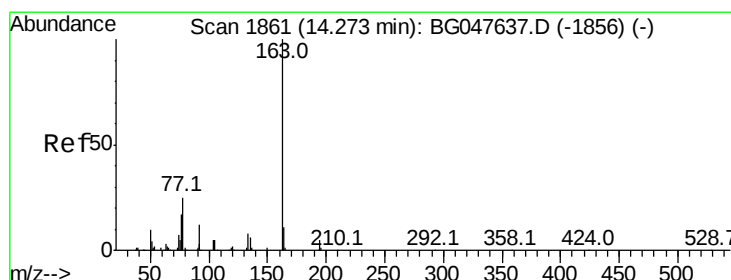
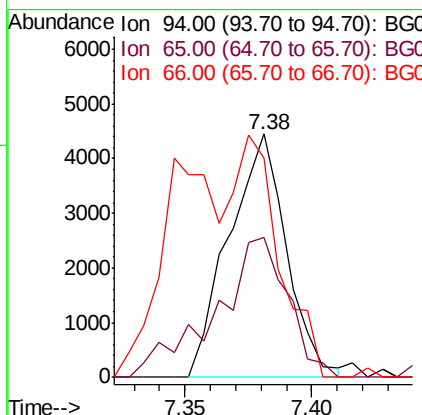
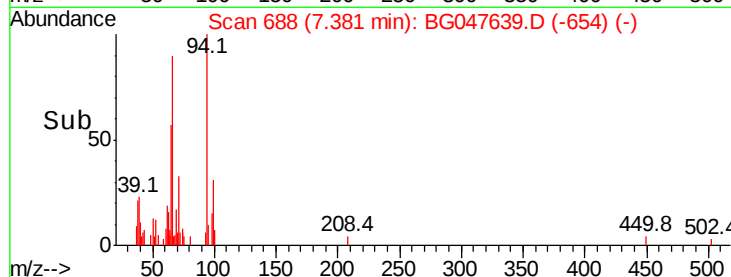
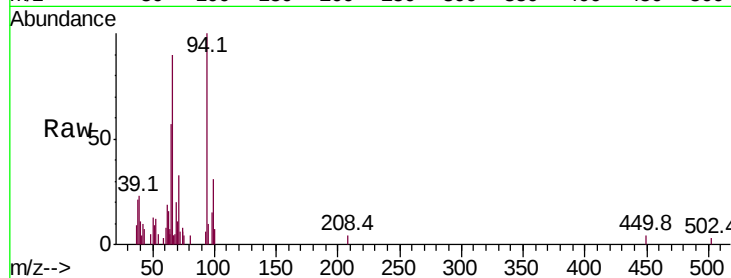
66 90.3 50.1 75.1#

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#45

Dimethylphthalate

Concen: 8.497 ng/ul

RT: 14.27 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG047639.D

Acq: 8 Dec 2020 6:13

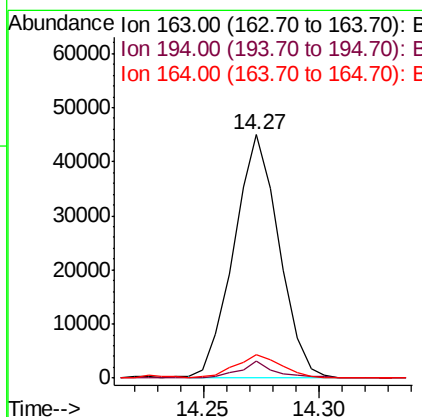
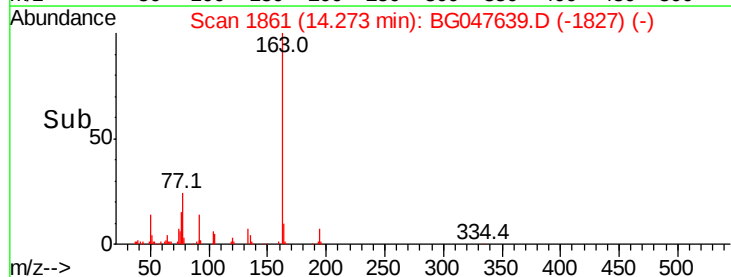
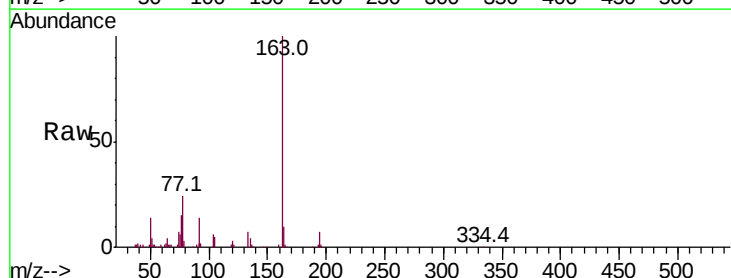
Tgt Ion: 163 Resp: 61200

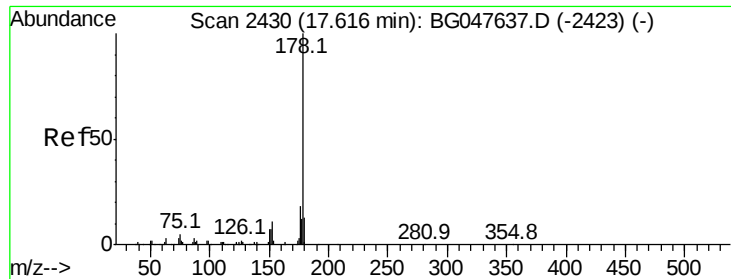
Ion Ratio Lower Upper

163 100

194 6.9 3.9 5.9#

164 9.6 7.4 11.2





#70

Phenanthrene

Concen: 4.150 ng/ul

RT: 17.61 min Scan# 2429

Delta R.T. -0.01 min

Lab File: BG047639.D

Acq: 8 Dec 2020 6:13

Instrument :

BNA_G

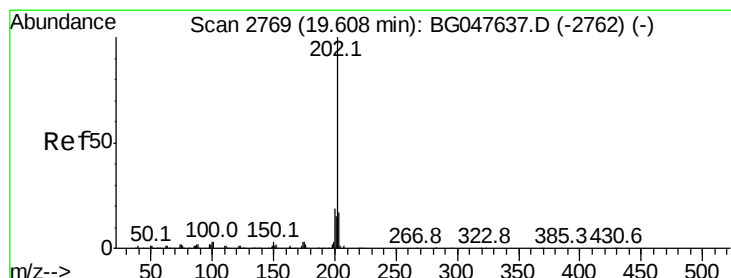
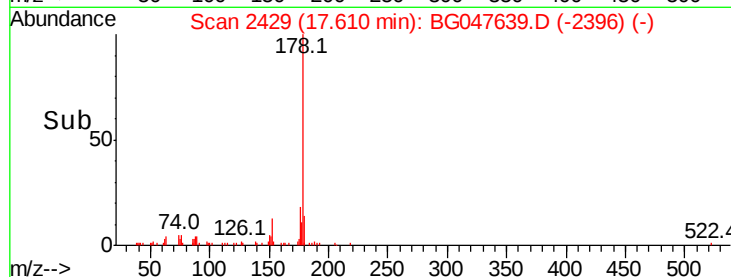
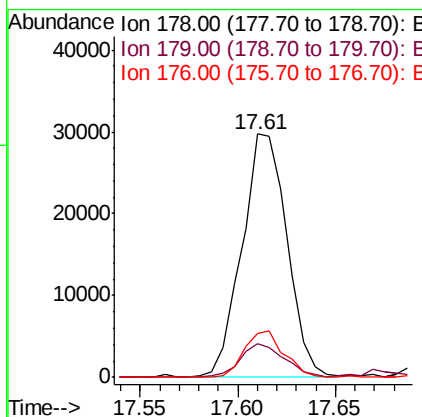
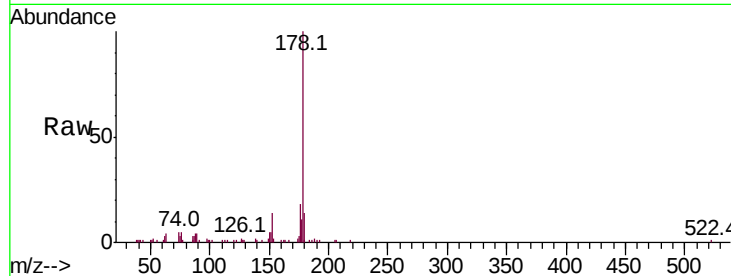
ClientSampleId :

C0AZ1

Tot Ion:	178	Resp:	47550
Ion Ratio	Lower	Upper	
178	100		
179	14.0	11.6	17.4
176	18.0	15.8	23.8

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#77

Fluoranthene

Concen: 4.989 ng/ul m

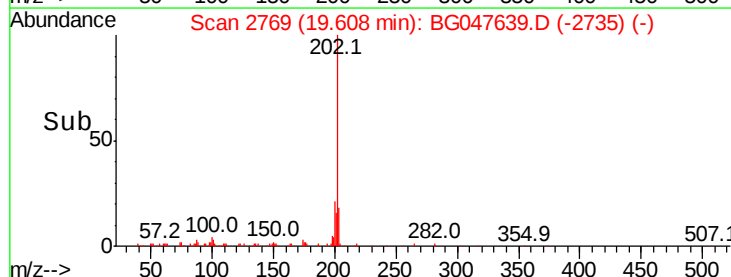
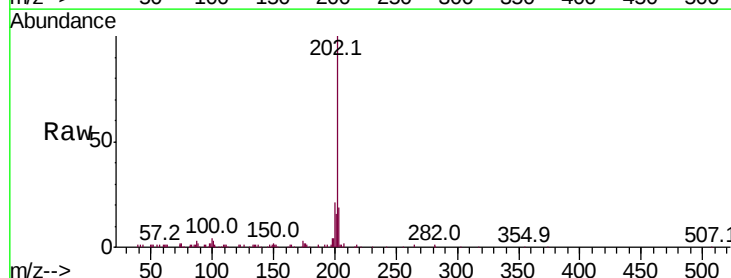
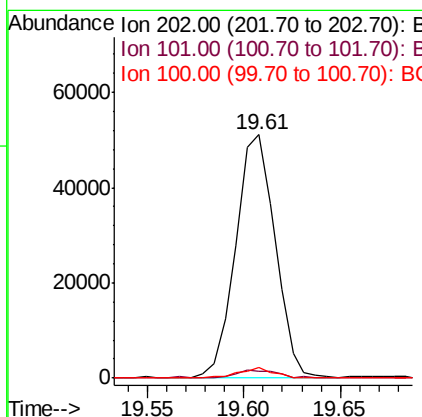
RT: 19.61 min Scan# 2769

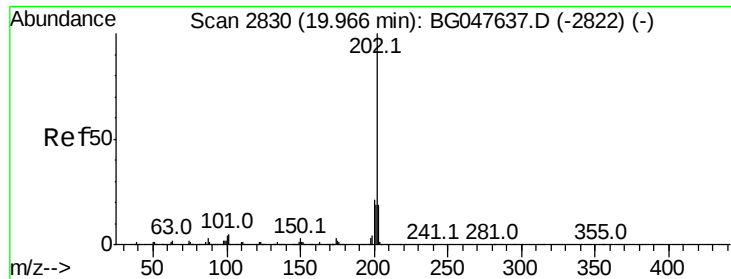
Delta R.T. -0.00 min

Lab File: BG047639.D

Acq: 8 Dec 2020 6:13

Tgt Ion:	202	Resp:	72744
Ion Ratio	Lower	Upper	
202	100		
101	2.6	2.4	3.6
100	4.2	2.6	3.8#





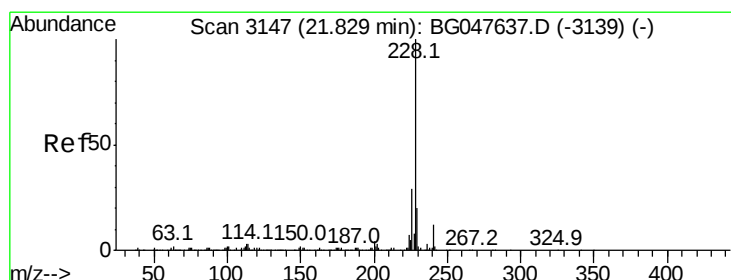
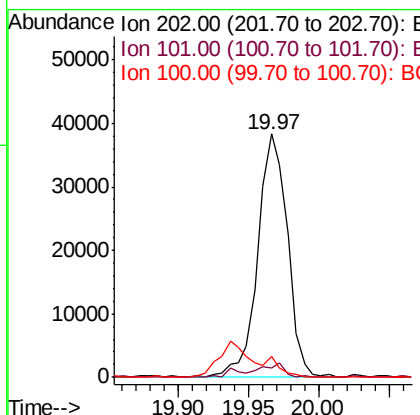
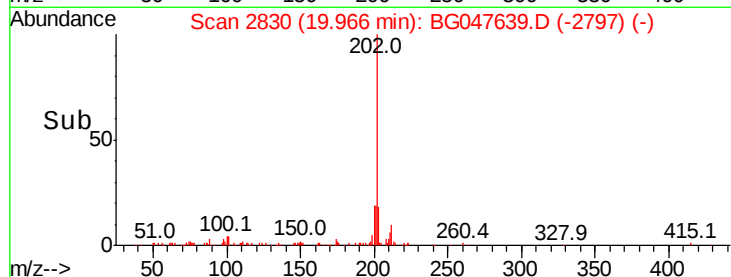
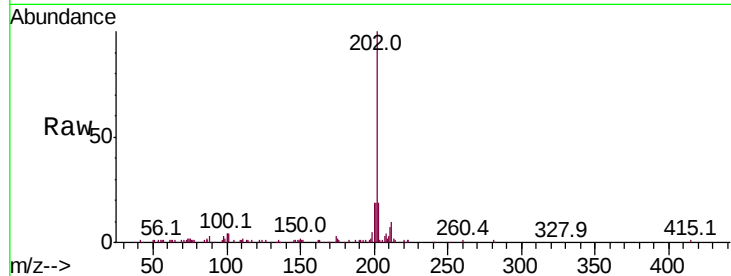
#80
Pvrene
Concen: 3.739 ng/ul m
RT: 19.97 min Scan# 2830
Delta R.T. -0.01 min
Lab File: BG047639.D
Acq: 8 Dec 2020 6:13

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	3.7	2.5	3.7
100	4.5	2.4	3.6

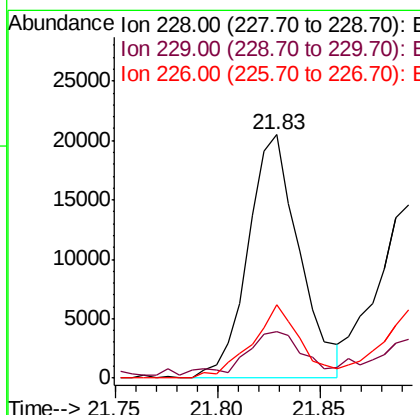
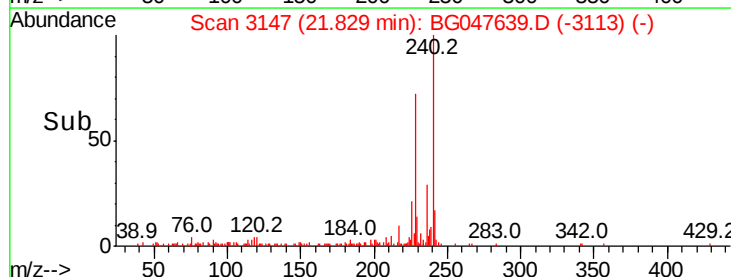
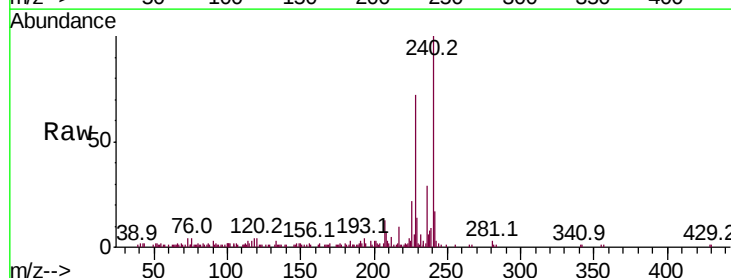
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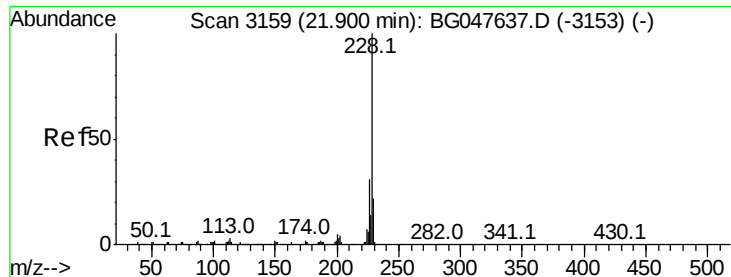
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#83
Benzo(a)anthracene
Concen: 2.420 ng/ul m
RT: 21.83 min Scan# 3147
Delta R.T. -0.00 min
Lab File: BG047639.D
Acq: 8 Dec 2020 6:13

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	19.2	16.0	24.0
226	30.1	22.4	33.6





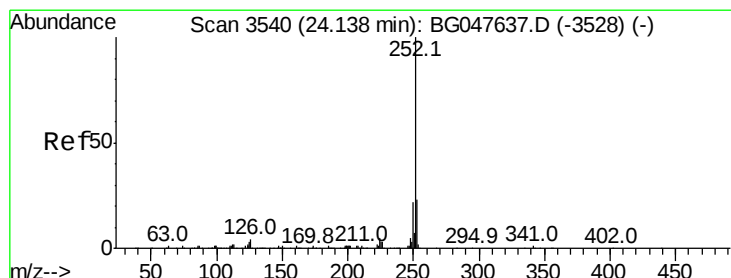
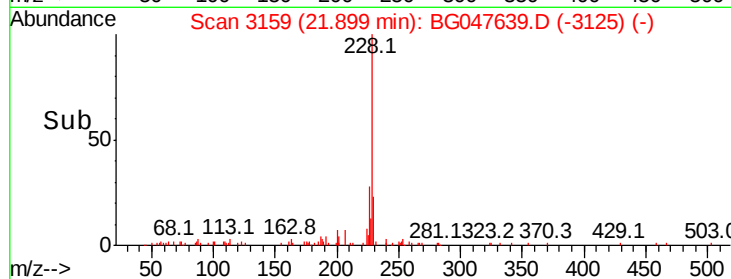
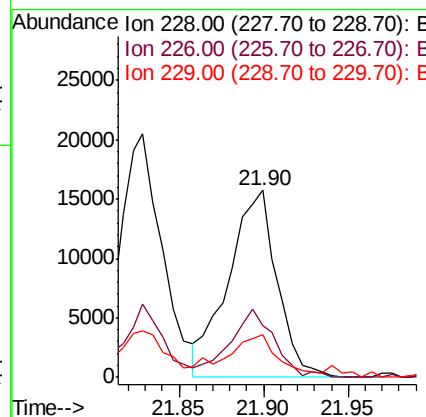
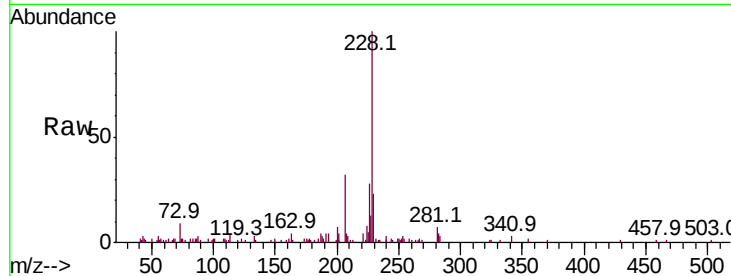
#85
Chrysene
Concen: 2.269 ng/ul
RT: 21.90 min Scan# 3159
Delta R.T. -0.00 min
Lab File: BG047639.D
Acq: 8 Dec 2020 6:13

Instrument :
BNA_G
ClientSampleID :
C0AZ1

Tot Ion:	228	Resp:	31612
Ion Ratio	Lower	Upper	
228	100		
226	27.6	23.0	34.4
229	23.0	15.8	23.8

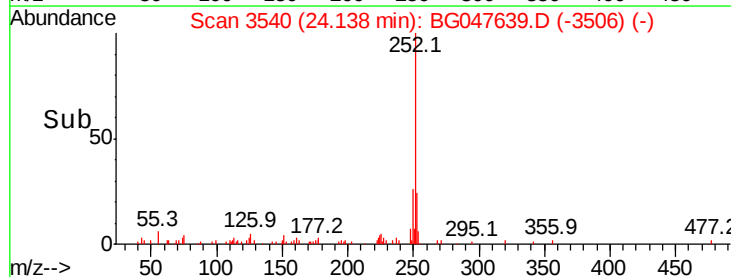
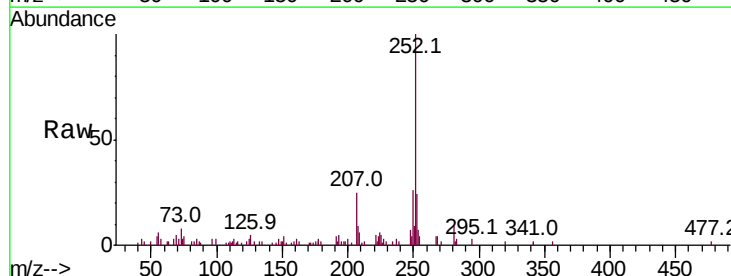
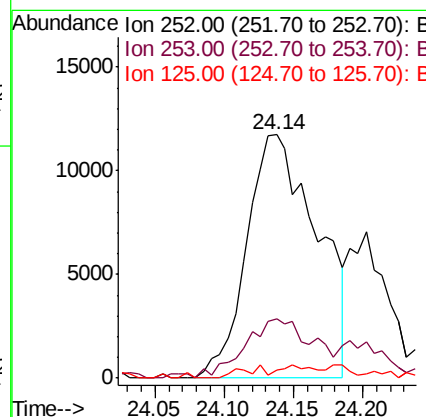
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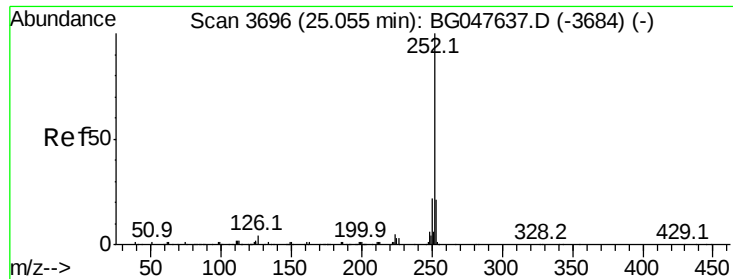
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#88
Benzo(b)fluoranthene
Concen: 2.702 ng/ul m
RT: 24.14 min Scan# 3540
Delta R.T. -0.00 min
Lab File: BG047639.D
Acq: 8 Dec 2020 6:13

Tgt Ion:	252	Resp:	41461
Ion Ratio	Lower	Upper	
252	100		
253	24.3	18.7	28.1
125	3.3	2.6	3.8





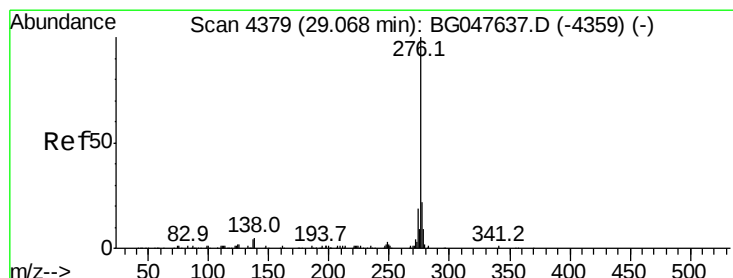
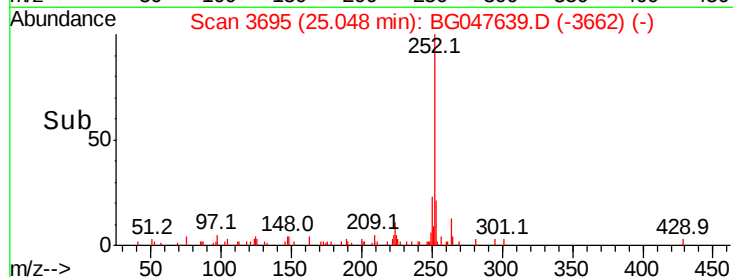
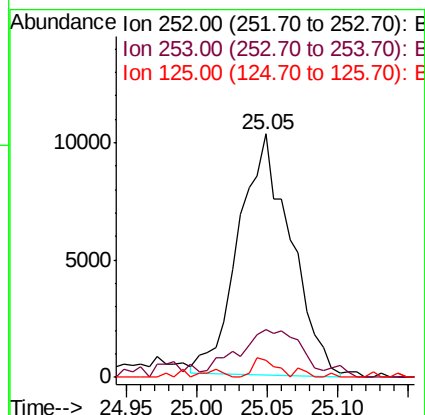
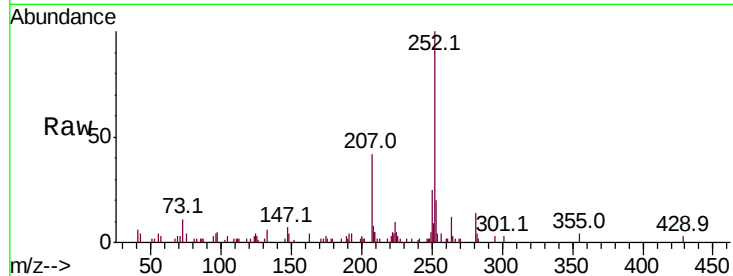
#91
Benzo(a)pyrene
Concen: 1.917 ng/ul
RT: 25.05 min Scan# 3695
Delta R.T. -0.01 min
Lab File: BG047639.D
Acq: 8 Dec 2020 6:13

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
252	100		
253	19.6	16.9	25.3
125	6.8	2.6	3.8#

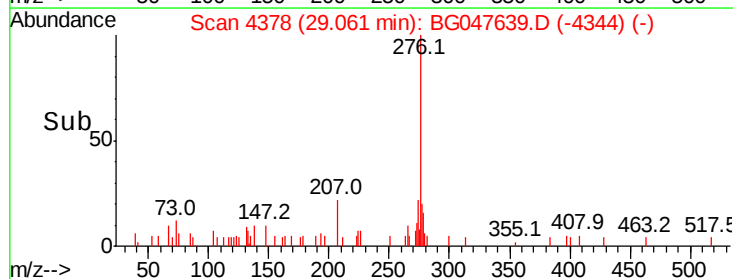
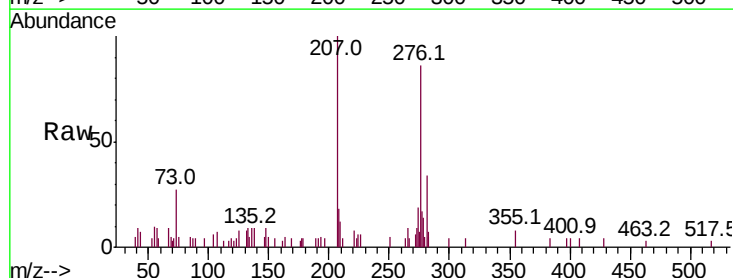
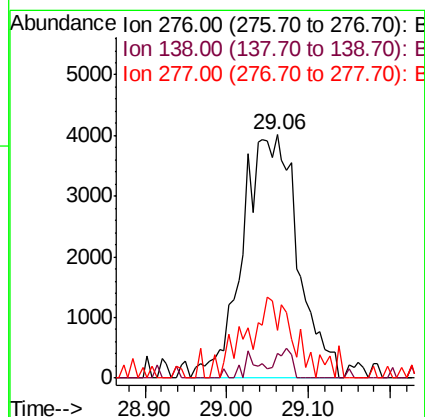
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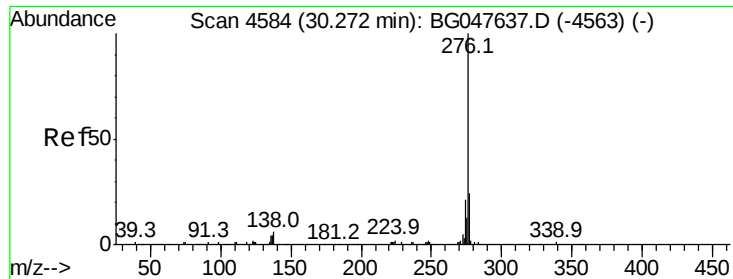
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#92
Indeno(1,2,3-cd)pyrene
Concen: 1.113 ng/ul m
RT: 29.06 min Scan# 4378
Delta R.T. -0.00 min
Lab File: BG047639.D
Acq: 8 Dec 2020 6:13

Tgt Ion	Ratio	Lower	Upper
276	100		
138	10.3	3.3	4.9#
277	19.6	18.6	27.8





#94

Benzo(a,h,i)perylene

Concen: 1.169 ng/ul m

RT: 30.25 min Scan# 4581

Delta R.T. -0.02 min

Lab File: BG047639.D

Acq: 8 Dec 2020 6:13

Instrument :

BNA_G

ClientSampleId :

C0AZ1

Tot Ion	Ratio	Lower	Upper
276	100		
138	6.5	4.7	7.1
277	33.0	21.9	32.9

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