

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120420\
 Data File : BG047601.D
 Acq On : 5 Dec 2020 11:51
 Operator : CG/JU
 Sample : L4859-15
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B27

Quant Time: Dec 07 05:08:02 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	25048	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.08	136	94351	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.86	164	77059	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.60	188	192784	20.00	ng/ul	-0.02
78) Chrysene-d12	21.88	240	187174	20.00	ng/ul	-0.02
86) Perylene-d12	25.26	264	188846	20.00	ng/ul	-0.03

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	1882	2.73	ng/uL	-0.03
5) Phenol-d5	7.38	99	25640	10.21	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.56	67	14676	10.24	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.78	132	20278	12.04	ng/ul	-0.02
13) 4-Methylphenol-d8	8.94	113	19117	9.90	ng/ul	-0.02
19) Nitrobenzene-d5	9.42	128	10734	13.77	ng/ul	-0.02
22) 2-Nitrophenol-d4	10.14	143	11897	13.99	ng/ul	-0.03
26) 2,4-Dichlorophenol-d3	10.68	165	23675	12.16	ng/ul	-0.02
29) 4-Chloroaniline-d4	11.20	131	23673	12.02	ng/ul	-0.02
44) Dimethylphthalate-d6	14.26	166	91236	13.79	ng/ul	-0.02
47) Acenaphthylene-d8	14.56	160	103316	13.51	ng/ul	-0.02
52) 4-Nitrophenol-d4	15.03	143	11106	11.00	ng/ul	0.00
58) Fluorene-d10	15.85	176	80926	13.35	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.95	200	14616	13.32	ng/ul	-0.02
71) Anthracene-d10	17.69	188	134221	14.03	ng/ul	-0.02
79) Pyrene-d10	19.96	212	158815	14.58	ng/ul	-0.02
90) Benzo(a)pyrene-d12	25.03	264	152085	13.99	ng/ul	-0.03

Target Compounds

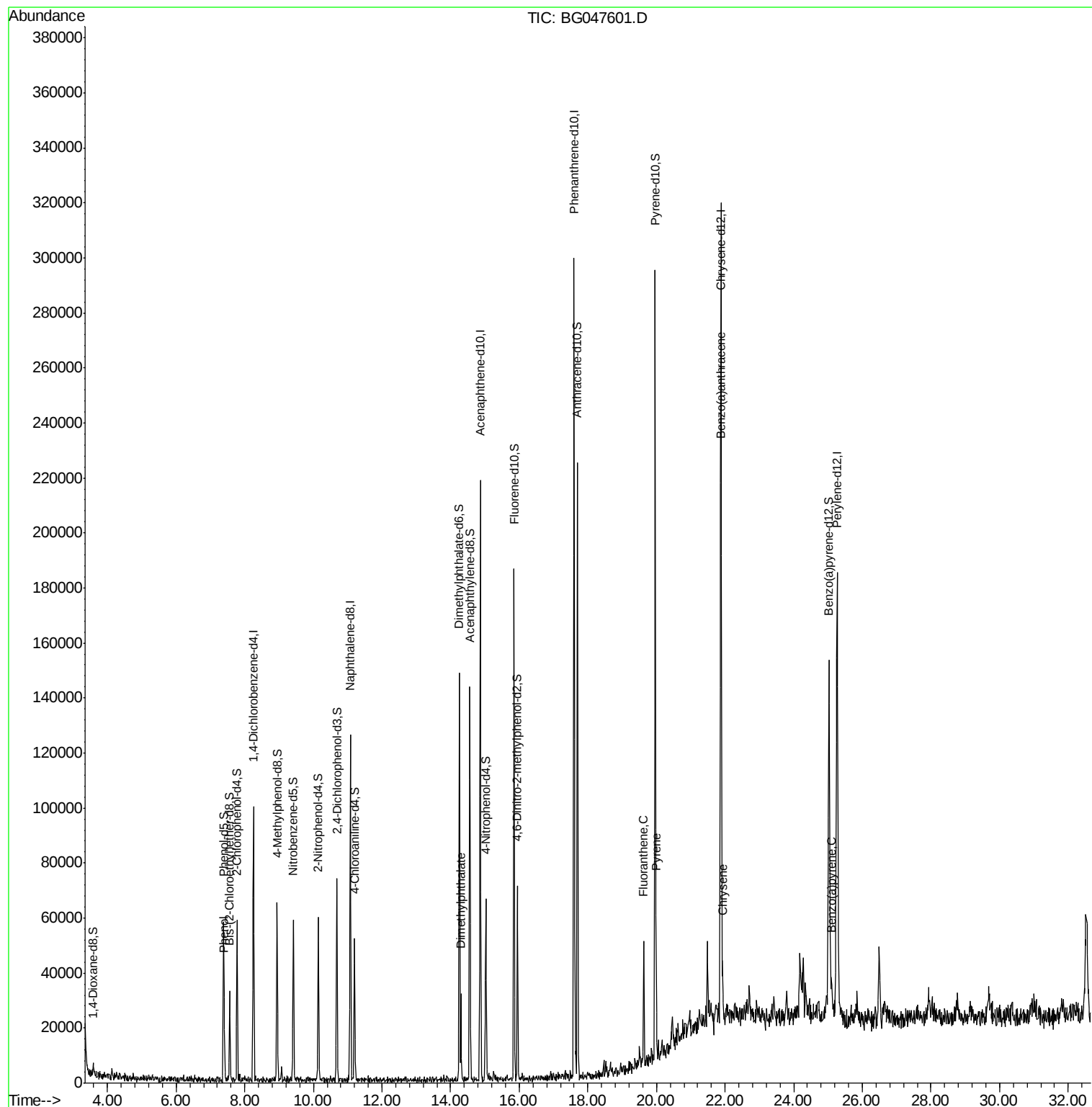
				Ovalue	
6) Phenol	7.41	94	3493	1.451	ng/ul 95
45) Dimethylphthalate	14.30	163	15912	2.358	ng/ul# 98
77) Fluoranthene	19.63	202	28367	2.158	ng/ul# 95
80) Pyrene	19.99	202	26110	1.969	ng/ul# 93
83) Benzo(a)anthracene	21.86	228	16460	1.236	ng/ul 94
85) Chrysene	21.92	228	15065	1.189	ng/ul 94
91) Benzo(a)pyrene	25.10	252	14025	1.180	ng/ul# 87

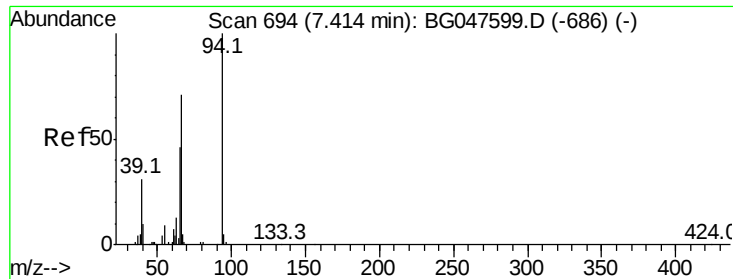
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.451 ng/ul

RT: 7.41 min Scan# 692

Delta R.T. -0.02 min

Lab File: BG047601.D

Acq: 5 Dec 2020 11:51

Instrument :

BNA_G

ClientSampleId :

C0B27

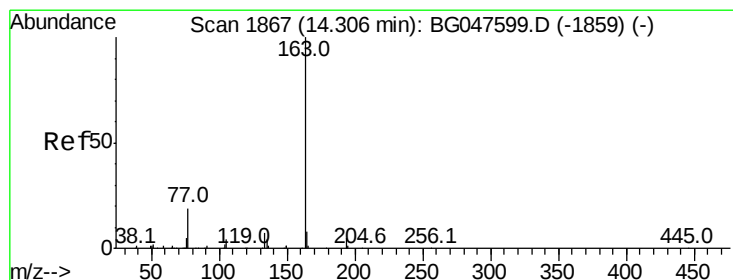
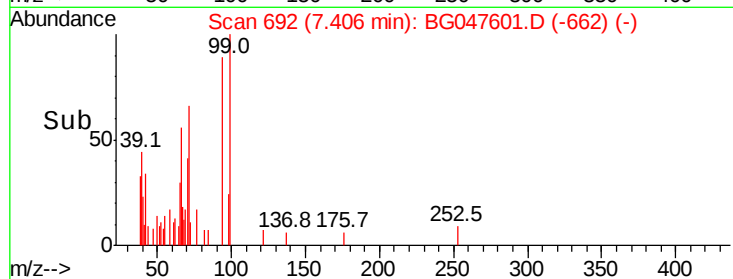
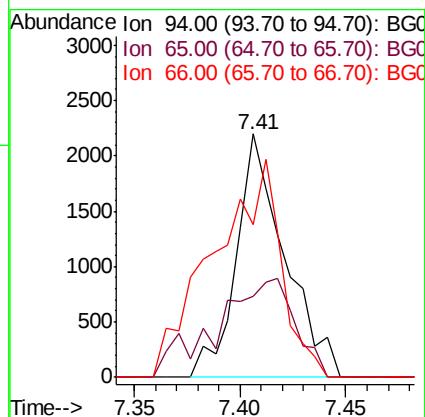
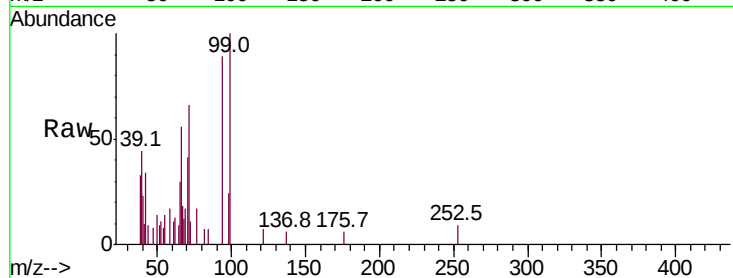
Tot Ion: 94 Resp: 3493

Ion Ratio Lower Upper

94 100

65 33.2 31.2 46.8

66 62.8 52.2 78.2



#45

Dimethylphthalate

Concen: 2.358 ng/ul

RT: 14.30 min Scan# 1866

Delta R.T. -0.02 min

Lab File: BG047601.D

Acq: 5 Dec 2020 11:51

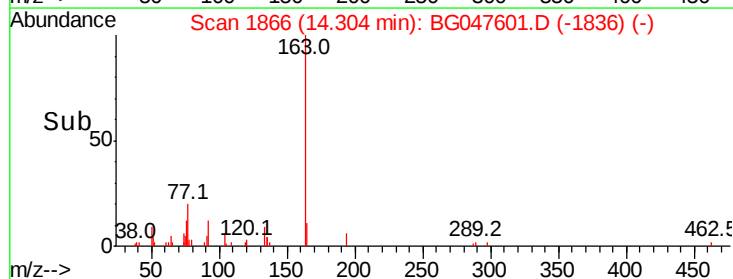
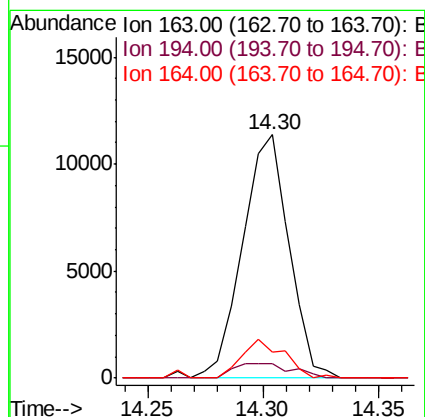
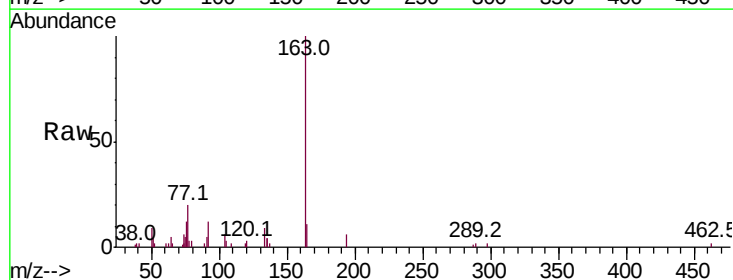
Tgt Ion:163 Resp: 15912

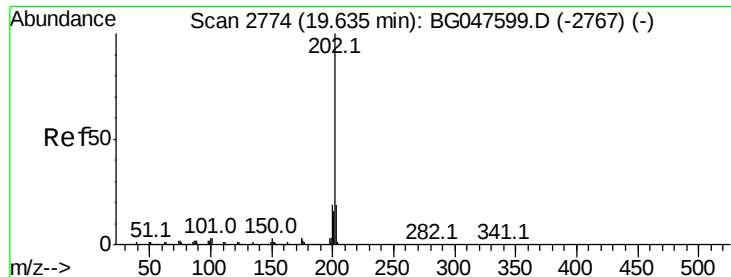
Ion Ratio Lower Upper

163 100

194 5.7 3.4 5.2#

164 10.6 8.8 13.2





#77

Fluoranthene

Concen: 2.158 ng/ul

RT: 19.63 min Scan# 2773

Delta R.T. -0.02 min

Lab File: BG047601.D

Acq: 5 Dec 2020 11:51

Instrument :

BNA_G

ClientSampleId :

C0B27

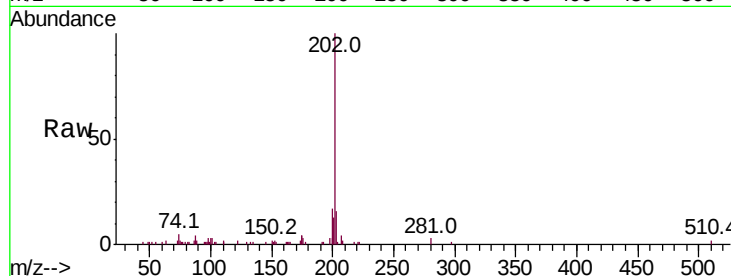
Tot Ion:202 Resp: 28367

Ion Ratio Lower Upper

202 100

101 2.8 3.3 4.9#

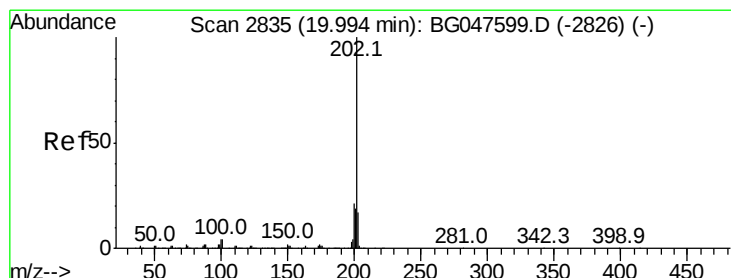
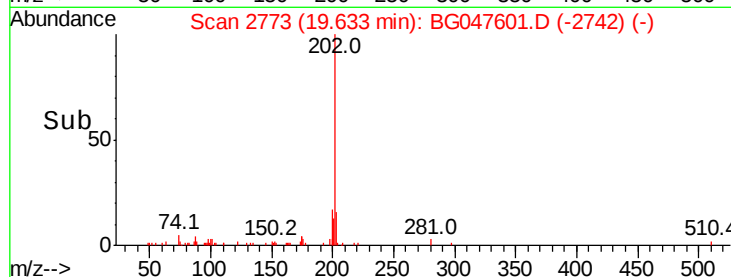
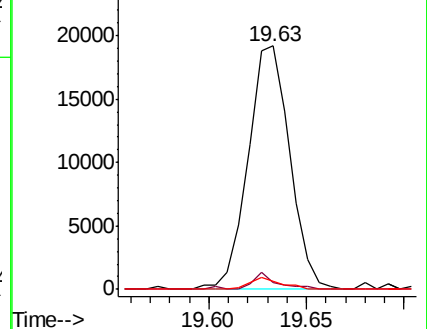
100 6.3 3.4 5.0#



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

Pyrene

Concen: 1.969 ng/ul

RT: 19.99 min Scan# 2834

Delta R.T. -0.02 min

Lab File: BG047601.D

Acq: 5 Dec 2020 11:51

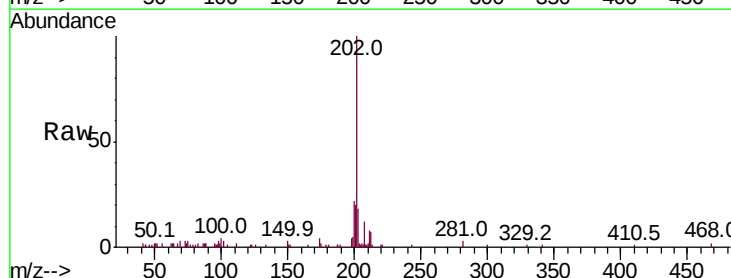
Tgt Ion:202 Resp: 26110

Ion Ratio Lower Upper

202 100

101 3.3 5.0 7.4#

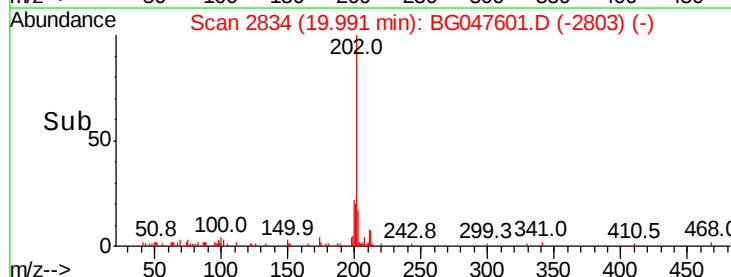
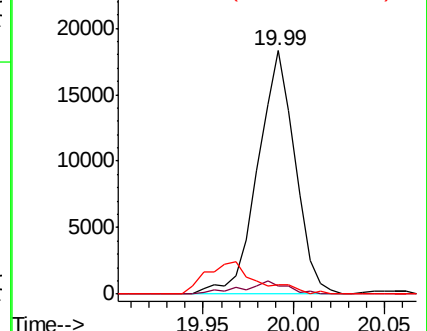
100 3.9 4.6 7.0#

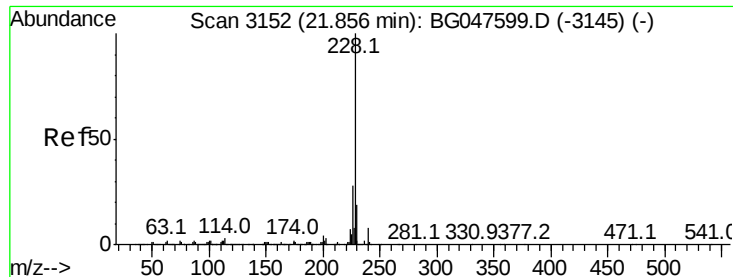


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 1.236 ng/ul

RT: 21.86 min Scan# 3152

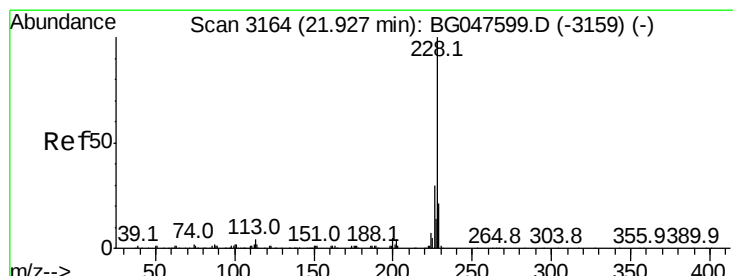
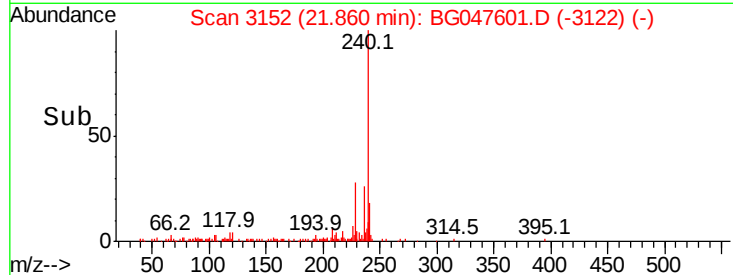
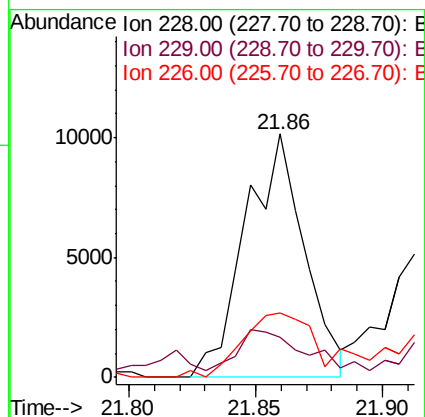
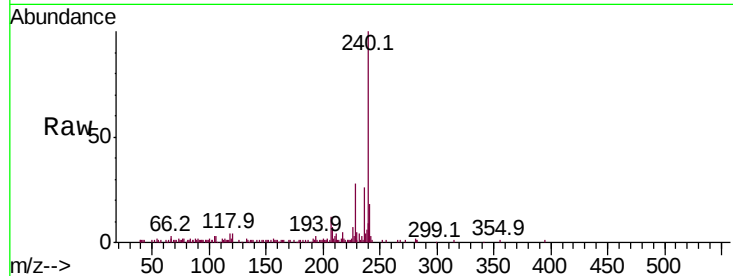
Delta R.T. -0.02 min

Lab File: BG047601.D

Acq: 5 Dec 2020 11:51

Instrument :
BNA_G
ClientSampleID :
C0B27

Tot Ion:228	Resp:	16460
Ion	Ratio	Lower Upper
228	100	
229	16.5	16.2 24.2
226	26.2	23.3 34.9



#85

Chrysene

Concen: 1.189 ng/ul

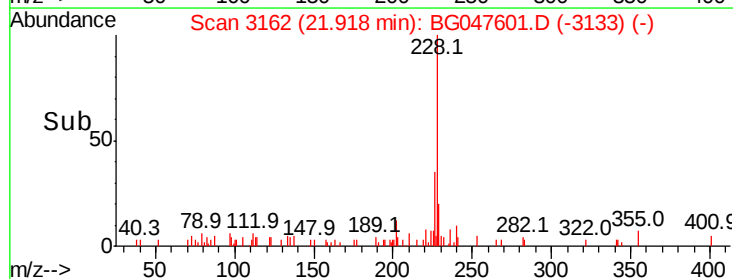
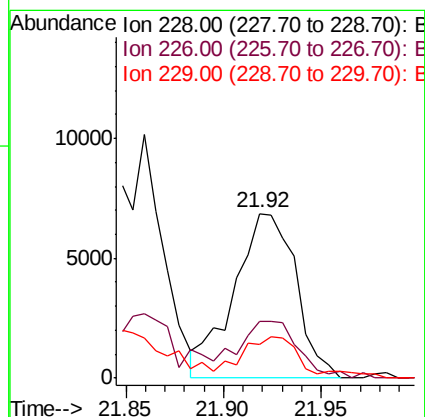
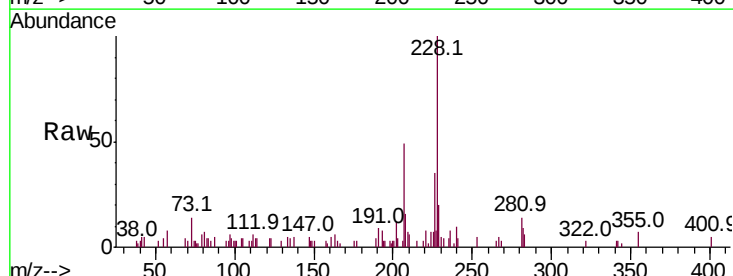
RT: 21.92 min Scan# 3162

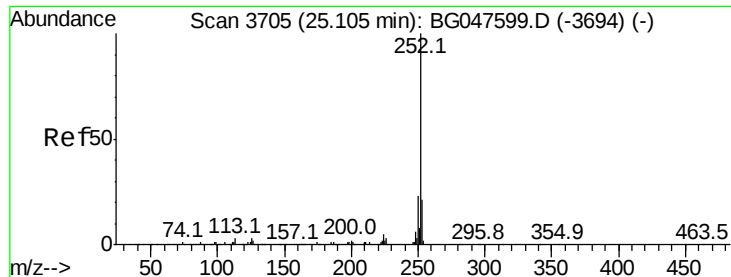
Delta R.T. -0.03 min

Lab File: BG047601.D

Acq: 5 Dec 2020 11:51

Tgt Ion:228	Resp:	15065
Ion	Ratio	Lower Upper
228	100	
226	34.7	23.8 35.6
229	20.3	16.3 24.5





#91

Benzo(a)pyrene

Concen: 1.180 ng/ul

RT: 25.10 min Scan# 3703

Delta R.T. -0.04 min

Lab File: BG047601.D

Acq: 5 Dec 2020 11:51

Instrument :

BNA_G

ClientSampleId :

C0B27

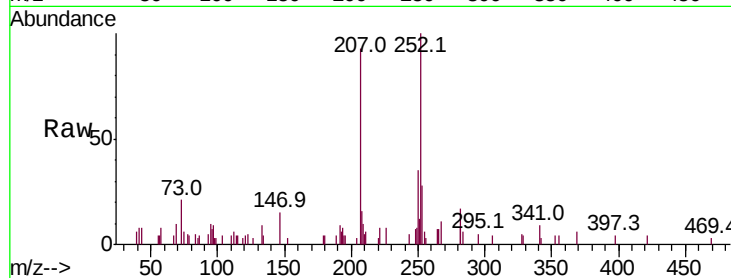
Tot Ion:252 Resp: 14025

Ion Ratio Lower Upper

252 100

253 28.1 17.5 26.3#

125 0.0 3.1 4.7#



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

