

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047543.D
 Acq On : 3 Dec 2020 18:04
 Operator : CG/JU
 Sample : L4865-20
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B06

Quant Time: Dec 03 23:38:50 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	31472	20.00	ng/ul	0.00
18) Naphthalene-d8	11.07	136	128512	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	95599	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.59	188	239258	20.00	ng/ul	0.00
78) Chrysene-d12	21.87	240	265550	20.00	ng/ul	0.00
86) Perylene-d12	25.26	264	274500	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.59	96	1971	2.28	ng/uL	0.00
5) Phenol-d5	7.38	99	32730	10.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	18695	10.39	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	26177	12.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	21138	8.72	ng/ul	0.00
19) Nitrobenzene-d5	9.45	128	137	0.13	ng/ul	0.03
22) 2-Nitrophenol-d4	10.14	143	15398	13.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	29313	11.05	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	24090	8.98	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	104117	12.69	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	120967	12.75	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	11507	9.19	ng/ul	0.00
58) Fluorene-d10	15.84	176	94104	12.52	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.94	200	15455	11.35	ng/ul	0.00
71) Anthracene-d10	17.69	188	148567	12.52	ng/ul	0.00
79) Pyrene-d10	19.96	212	199585	12.92	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.02	264	212402	13.44	ng/ul	0.00

Target Compounds

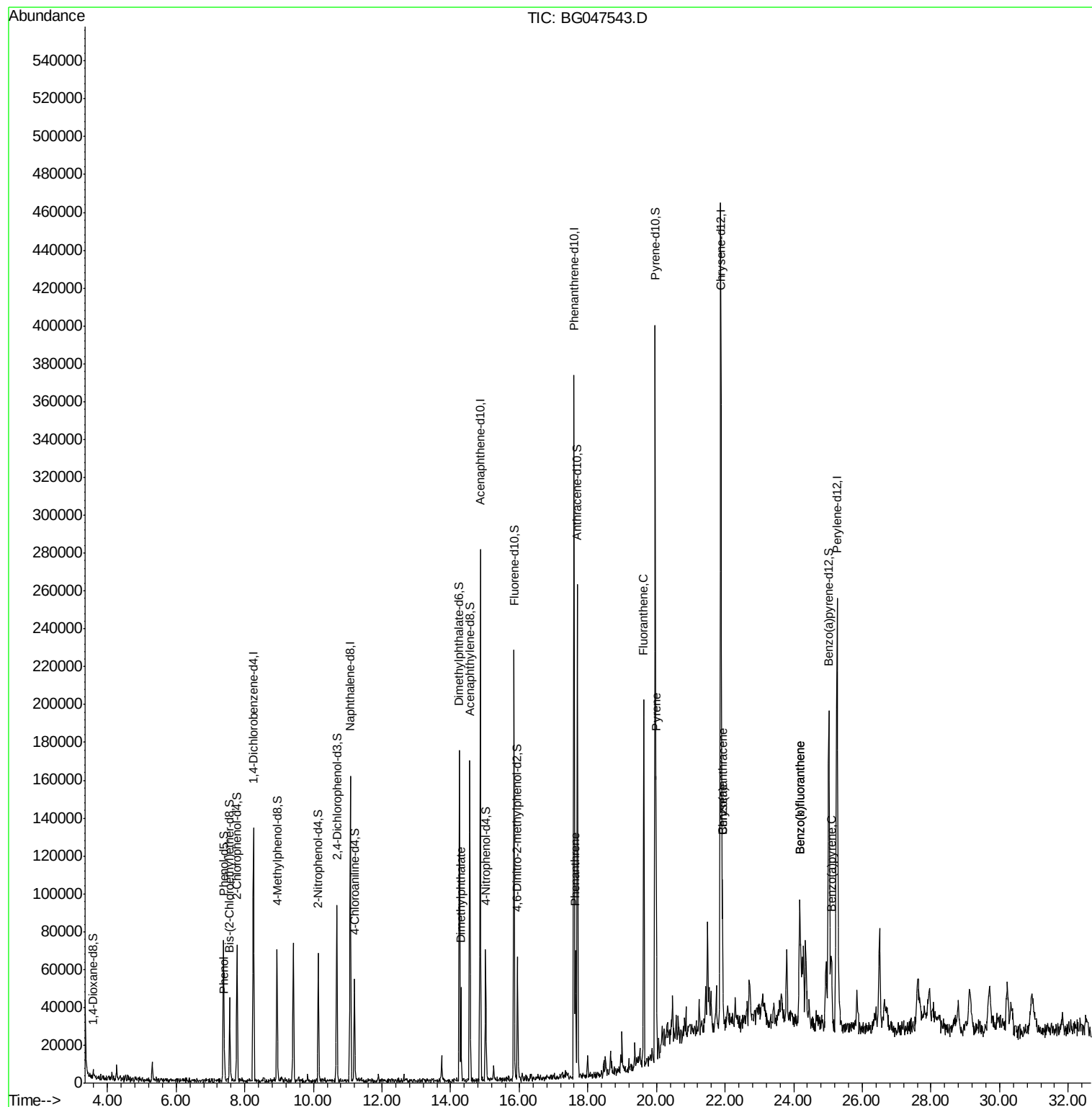
					Ovalue
6) Phenol	7.41	94	4148	1.372	ng/ul 88
45) Dimethylphthalate	14.30	163	28799	3.440	ng/ul# 97
70) Phenanthrene	17.64	178	39659	3.069	ng/ul 95
77) Fluoranthene	19.63	202	127901	7.838	ng/ul# 97
80) Pyrene	19.99	202	99453	5.287	ng/ul# 96
83) Benzo(a)anthracene	21.92	228	65071	3.444	ng/ul 98
85) Chrysene	21.92	228	65071	3.619	ng/ul 94
88) Benzo(b)fluoranthene	24.18	252	85914	4.433	ng/ul 96
89) Benzo(k)fluoranthene	24.18	252	85914	4.498	ng/ul 94
91) Benzo(a)pyrene	25.09	252	32446	1.878	ng/ul# 99

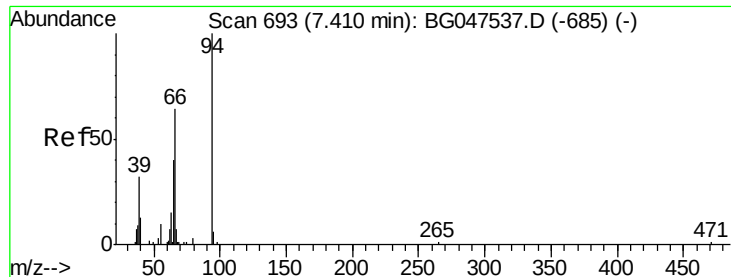
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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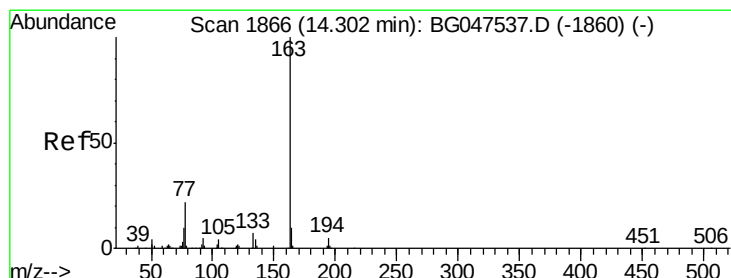
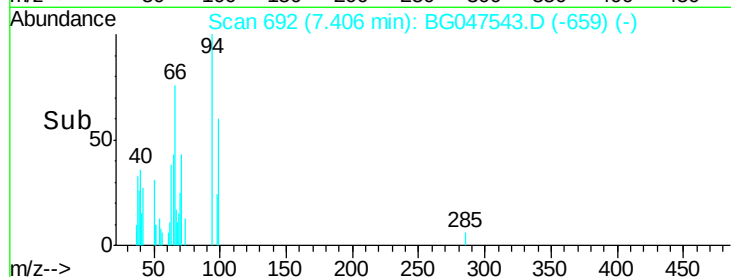
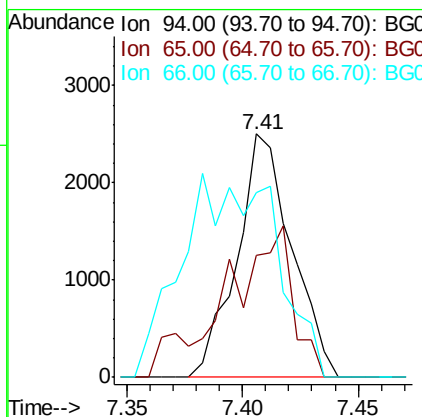
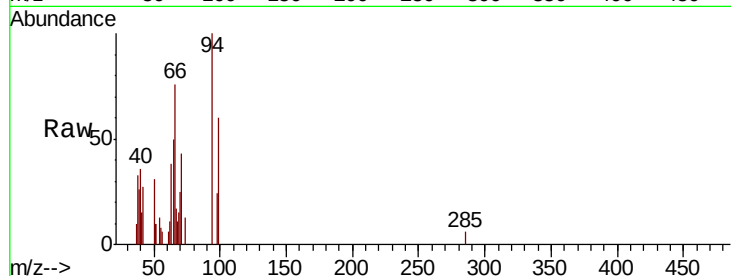
#6

Phenol

Concen: 1.372 ng/ul
 RT: 7.41 min Scan# 692
 Delta R.T. -0.00 min
 Lab File: BG047543.D
 Acq: 3 Dec 2020 18:04

Instrument :
 BNA_G
 ClientSampleId :
 C0B06

Tot Ion	Ratio	Lower	Upper
94	100		
65	50.0	33.8	50.6
66	75.9	53.5	80.3

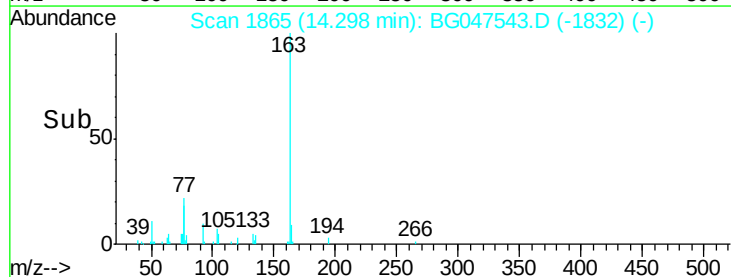
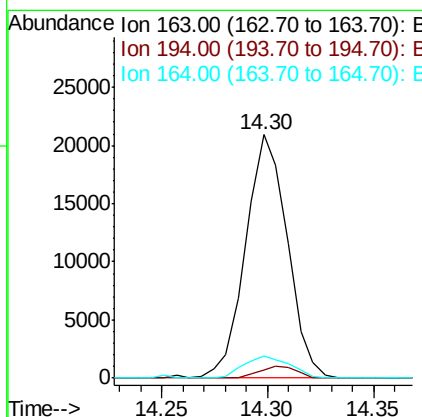
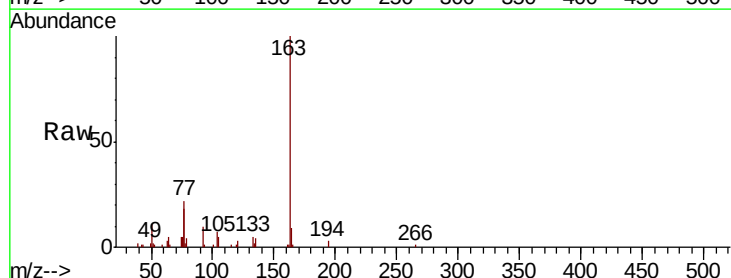


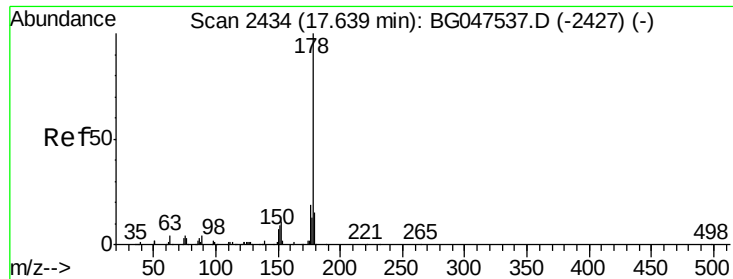
#45

Dimethylphthalate

Concen: 3.440 ng/ul
 RT: 14.30 min Scan# 1865
 Delta R.T. -0.00 min
 Lab File: BG047543.D
 Acq: 3 Dec 2020 18:04

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.6	5.4#
164	9.2	8.0	12.0





#70

Phenanthrene

Concen: 3.069 ng/ul

RT: 17.64 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG047543.D

Acq: 3 Dec 2020 18:04

Instrument :

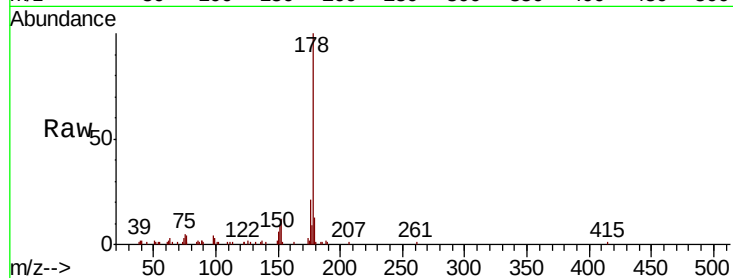
BNA_G

ClientSampleId :

C0B06

Tot Ion:178 Resp: 39659

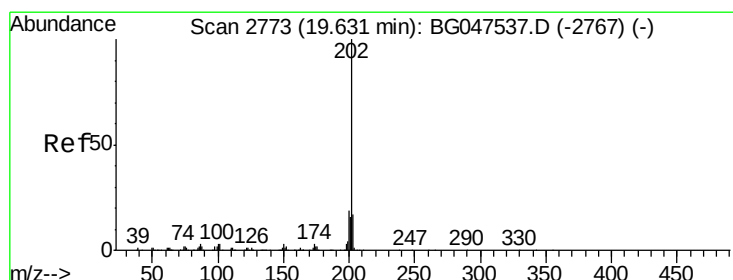
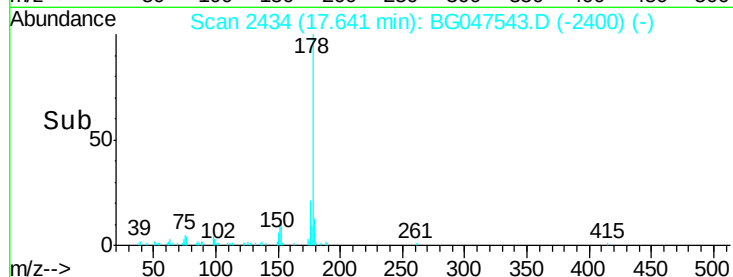
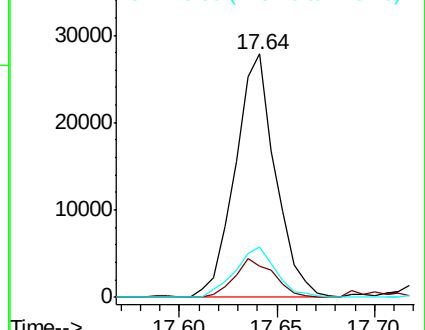
Ion	Ratio	Lower	Upper
178	100		
179	12.9	12.3	18.5
176	20.6	15.0	22.4



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: 7.838 ng/ul

RT: 19.63 min Scan# 2772

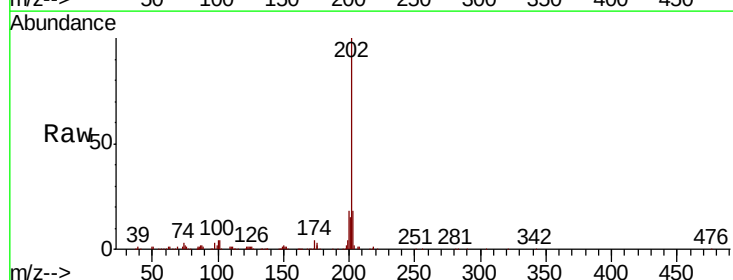
Delta R.T. -0.00 min

Lab File: BG047543.D

Acq: 3 Dec 2020 18:04

Tgt Ion:202 Resp: 127901

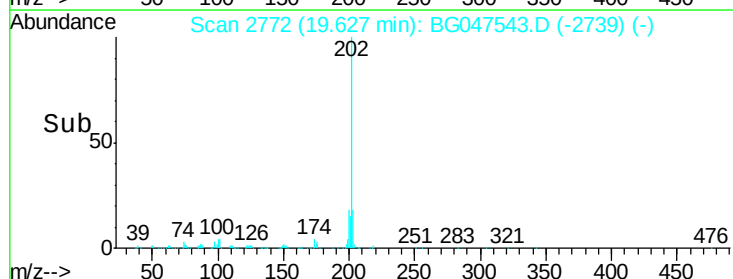
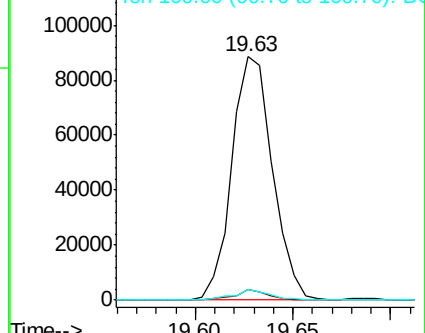
Ion	Ratio	Lower	Upper
202	100		
101	4.3	2.8	4.2#
100	4.3	2.6	3.8#

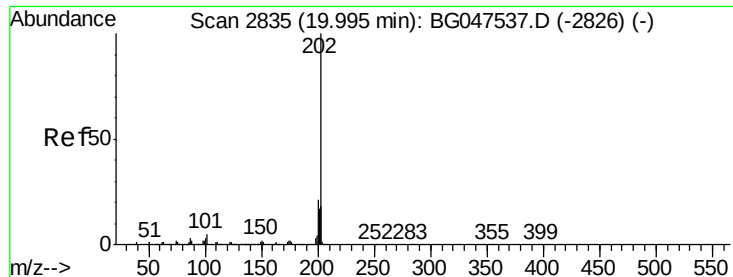


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

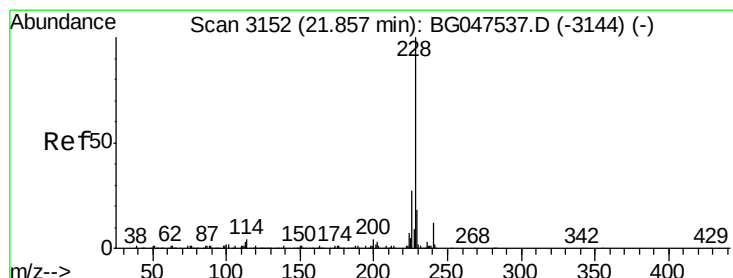
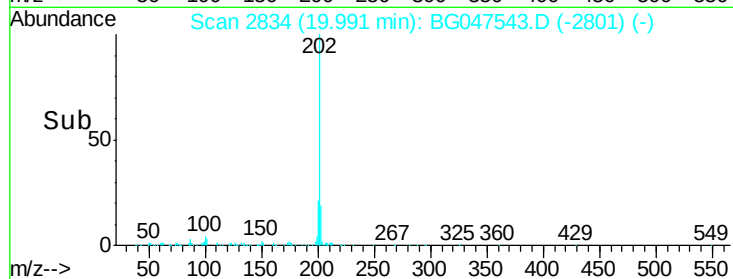
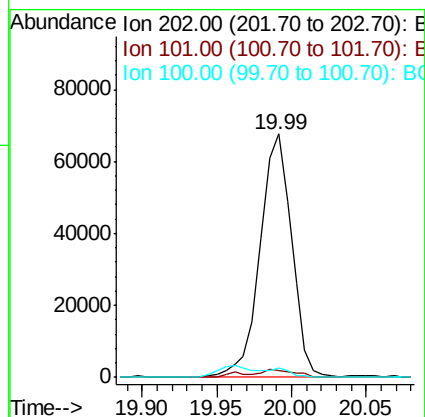
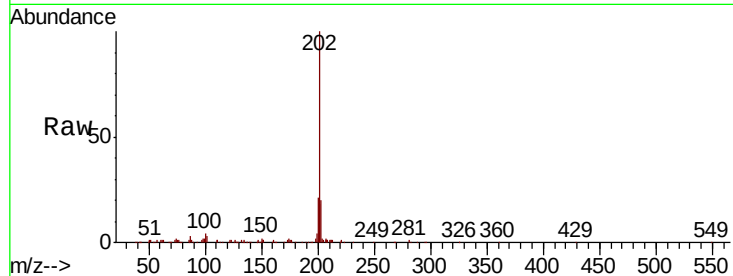




#80
Pvrene
Concen: 5.287 ng/ul
RT: 19.99 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BG047543.D
Acq: 3 Dec 2020 18:04

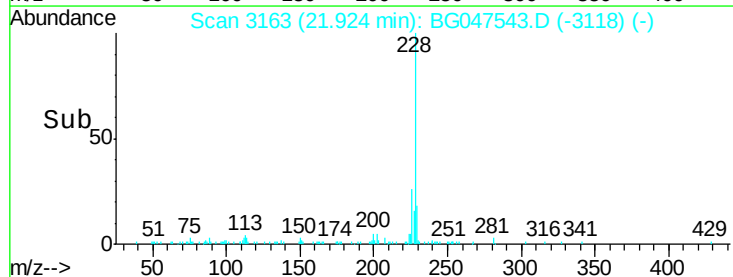
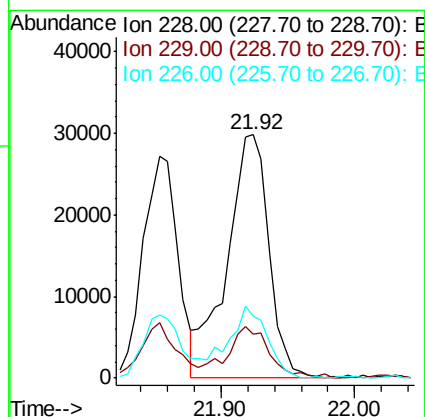
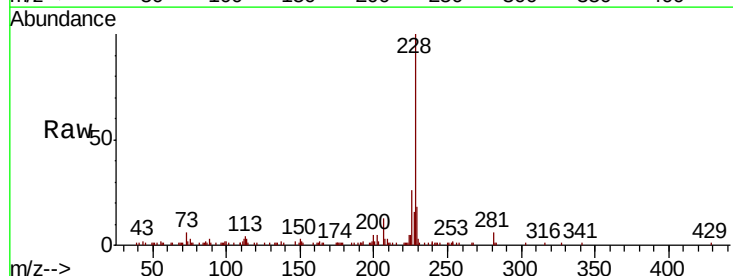
Instrument :
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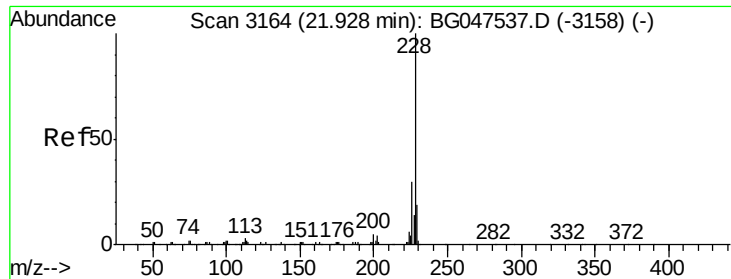
Tot Ion:202 Resp: 99453
Ion Ratio Lower Upper
202 100
101 2.9 3.8 5.6#
100 3.8 2.2 3.4#



#83
Benzo(a)anthracene
Concen: 3.444 ng/ul
RT: 21.92 min Scan# 3163
Delta R.T. 0.07 min
Lab File: BG047543.D
Acq: 3 Dec 2020 18:04

Tgt Ion:228 Resp: 65071
Ion Ratio Lower Upper
228 100
229 18.0 14.7 22.1
226 25.5 21.6 32.4





#85

Chrysene

Concen: 3.619 ng/ul

RT: 21.92 min Scan# 3163

Delta R.T. -0.00 min

Lab File: BG047543.D

Acq: 3 Dec 2020 18:04

Instrument :

BNA_G

ClientSampleId :

C0B06

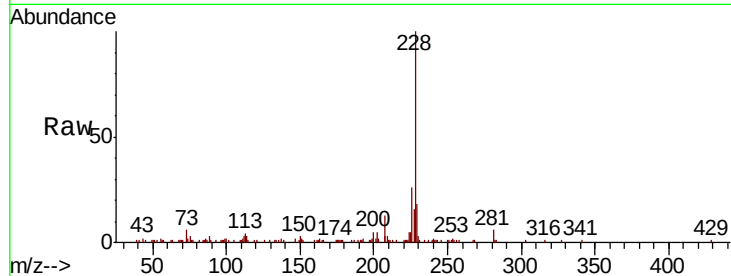
Tot Ion:228 Resp: 65071

Ion Ratio Lower Upper

228 100

226 25.5 23.8 35.6

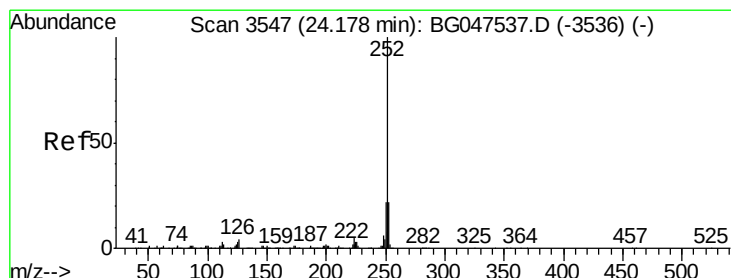
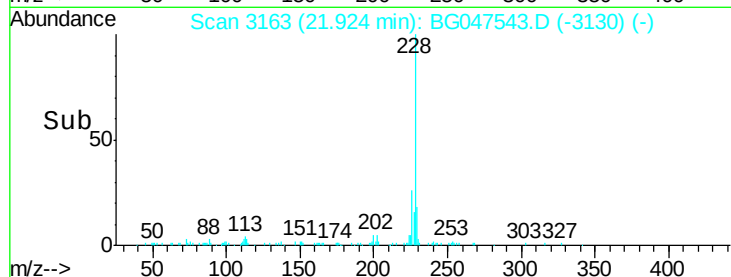
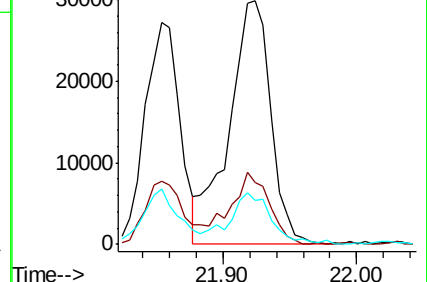
229 18.0 15.5 23.3



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: 4.433 ng/ul

RT: 24.18 min Scan# 3547

Delta R.T. 0.00 min

Lab File: BG047543.D

Acq: 3 Dec 2020 18:04

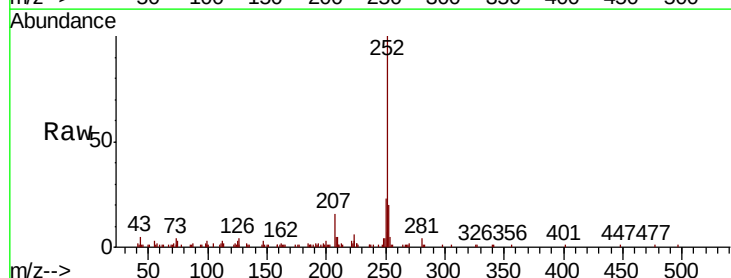
Tgt Ion:252 Resp: 85914

Ion Ratio Lower Upper

252 100

253 20.2 17.9 26.9

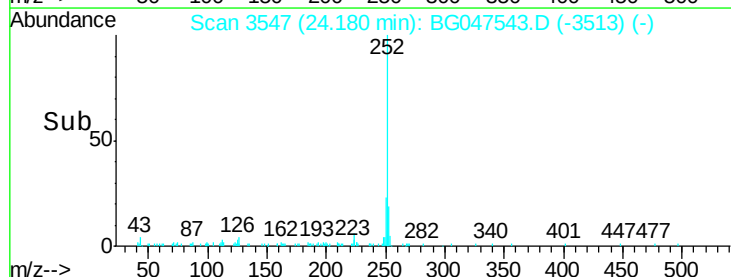
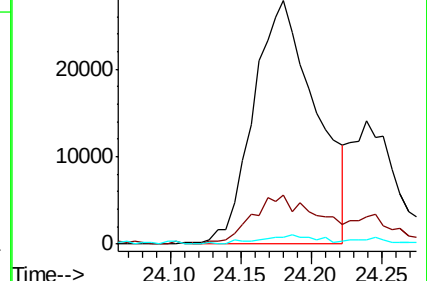
125 3.1 2.4 3.6

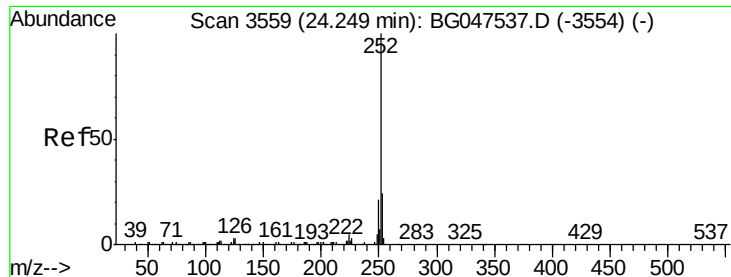


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 4.498 ng/ul

RT: 24.18 min Scan# 3547

Delta R.T. -0.07 min

Lab File: BG047543.D

Acq: 3 Dec 2020 18:04

Instrument :

BNA_G

ClientSampleId :

C0B06

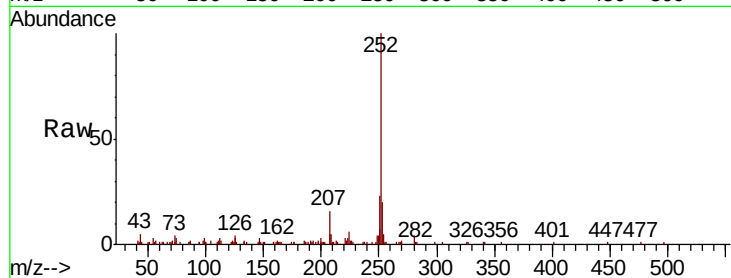
Tot Ion:252 Resp: 85914

Ion Ratio Lower Upper

252 100

253 20.2 19.0 28.4

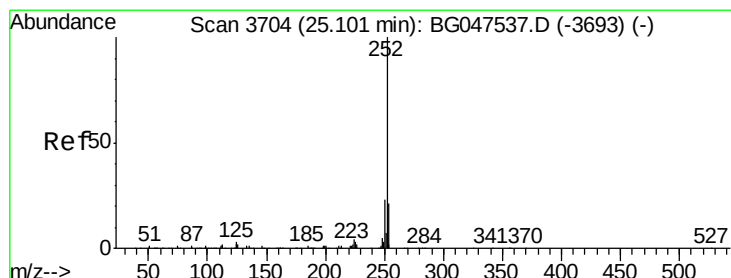
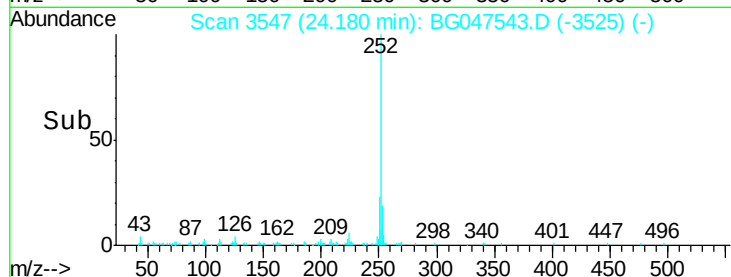
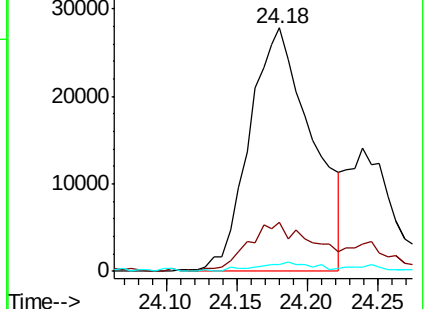
125 3.1 2.2 3.4



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



#91

Benzo(a)pyrene

Concen: 1.878 ng/ul

RT: 25.09 min Scan# 3702

Delta R.T. -0.01 min

Lab File: BG047543.D

Acq: 3 Dec 2020 18:04

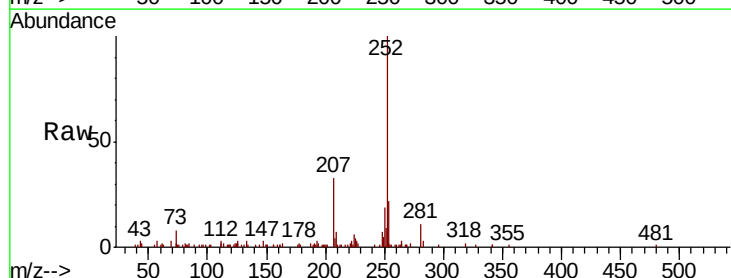
Tgt Ion:252 Resp: 32446

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 3.7 2.3 3.5#



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

