

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047542.D
 Acq On : 3 Dec 2020 17:24
 Operator : CG/JU
 Sample : L4865-19
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AZ9

Quant Time: Dec 03 23:38:39 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	32718	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	125063	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	92012	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.59	188	247506	20.00	ng/ul	0.00
78) Chrysene-d12	21.88	240	273612	20.00	ng/ul	0.00
86) Perylene-d12	25.26	264	291558	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.58	96	852	0.95	ng/uL	0.00
5) Phenol-d5	7.38	99	25558	7.79	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.55	67	17879	9.55	ng/ul	0.00
9) 2-Chlorophenol-d4	7.77	132	22313	10.14	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	14503	5.75	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	12308	11.91	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	13913	12.34	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.69	165	26420	10.24	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	18538	7.10	ng/ul	0.00
44) Dimethylphthalate-d6	14.25	166	92895	11.76	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	111292	12.19	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	8001	6.64	ng/ul	0.00
58) Fluorene-d10	15.84	176	93698	12.95	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.94	200	12622	8.96	ng/ul	0.00
71) Anthracene-d10	17.69	188	151919	12.37	ng/ul	0.00
79) Pyrene-d10	19.96	212	207271	13.02	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.02	264	216319	12.89	ng/ul	0.00

Target Compounds

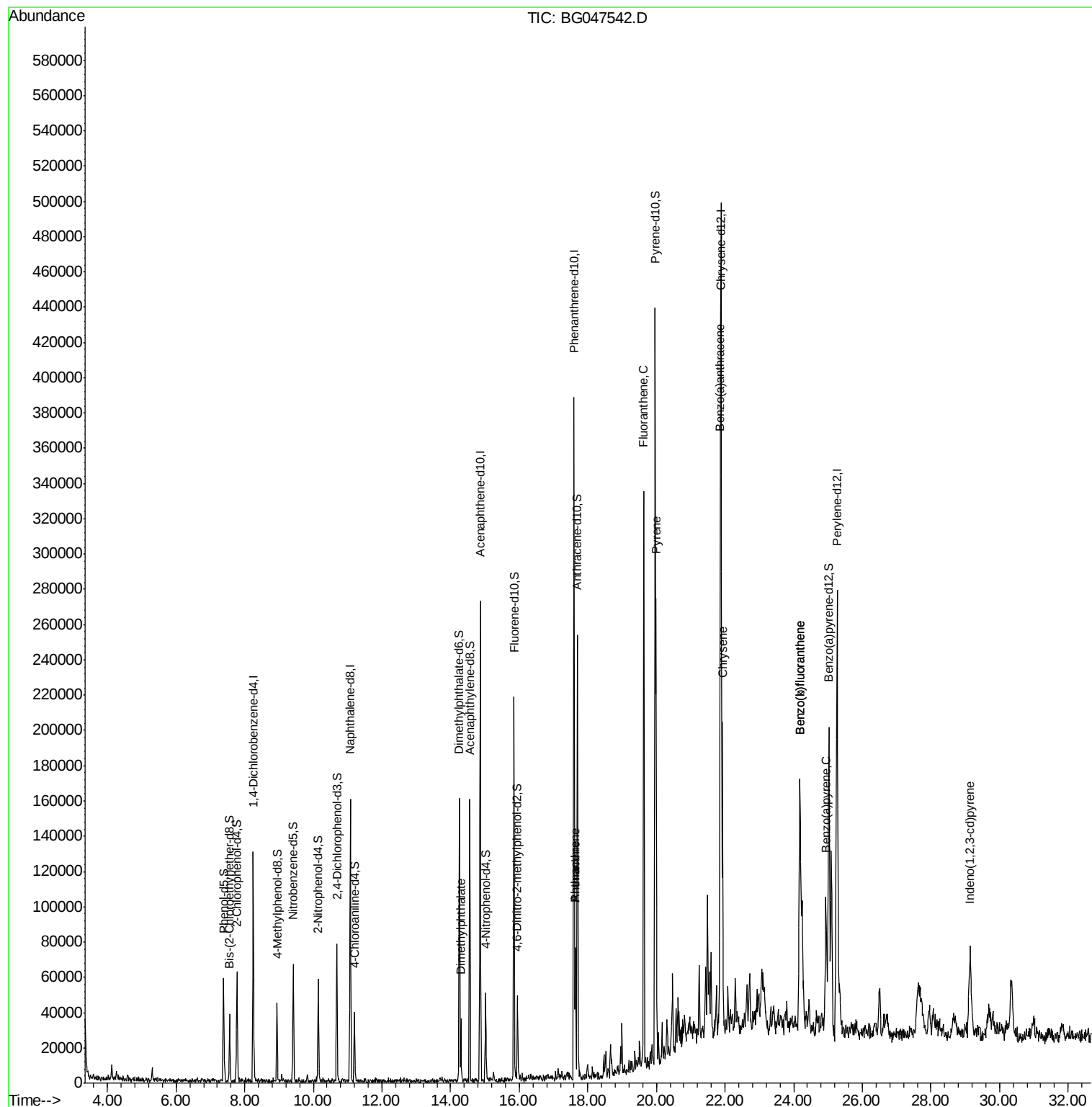
					Ovalue	
45) Dimethylphthalate	14.30	163	18662	2.316	ng/ul#	92
70) Phenanthrene	17.64	178	45999	3.442	ng/ul	98
72) Anthracene	17.64	178	45999	3.417	ng/ul	98
77) Fluoranthene	19.63	202	219666	13.013	ng/ul	99
80) Pyrene	19.99	202	179835	9.279	ng/ul#	97
83) Benzo(a)anthracene	21.85	228	117268	6.024	ng/ul	99
85) Chrysene	21.93	228	129310	6.980	ng/ul	97
88) Benzo(b)fluoranthene	24.19	252	192044	9.329	ng/ul	99
89) Benzo(k)fluoranthene	24.19	252	192044	9.467	ng/ul	98
91) Benzo(a)pyrene	24.93	252	84988	4.631	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	29.13	276	48504	2.173	ng/ul#	89

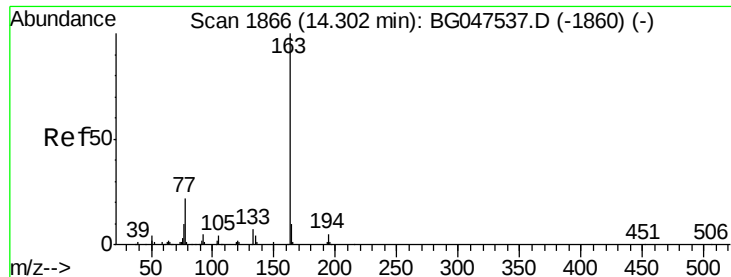
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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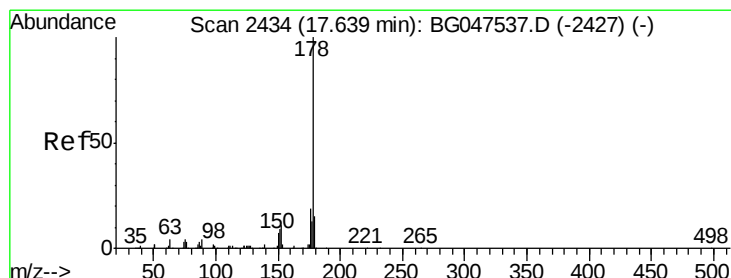
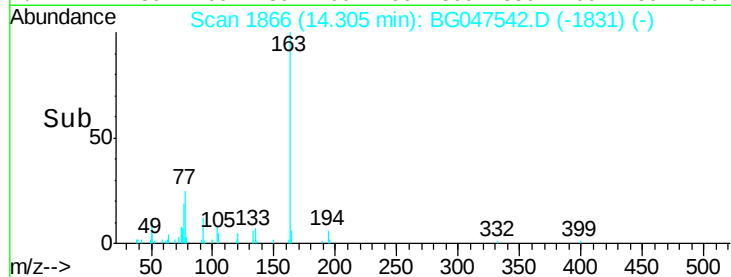
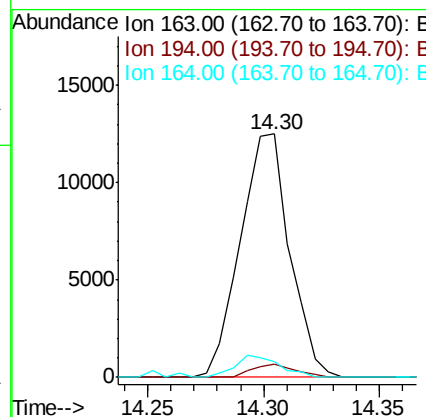
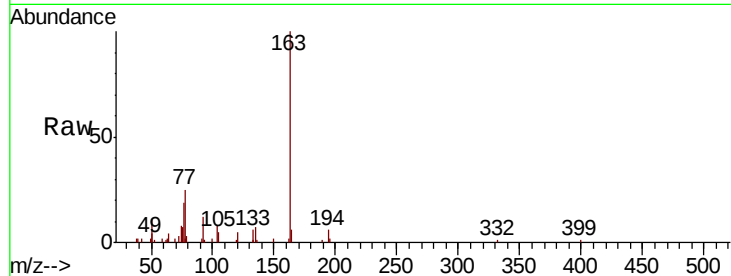




#45
Dimethylphthalate
Concen: 2.316 ng/ul
RT: 14.30 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BG047542.D
Acq: 3 Dec 2020 17:24

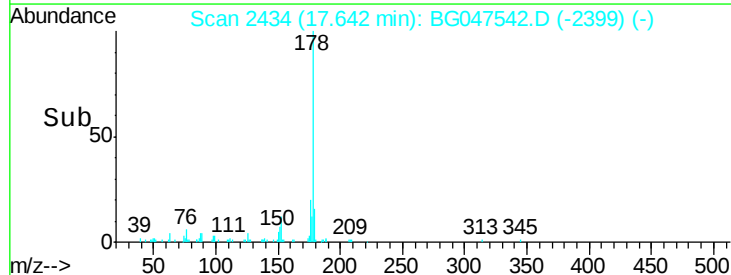
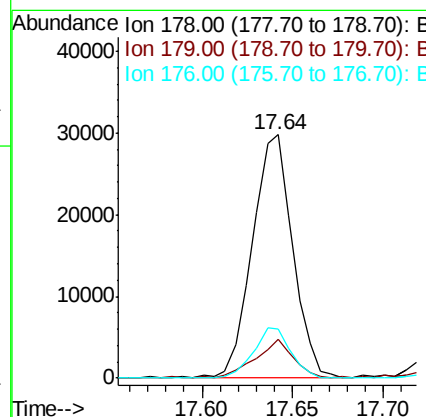
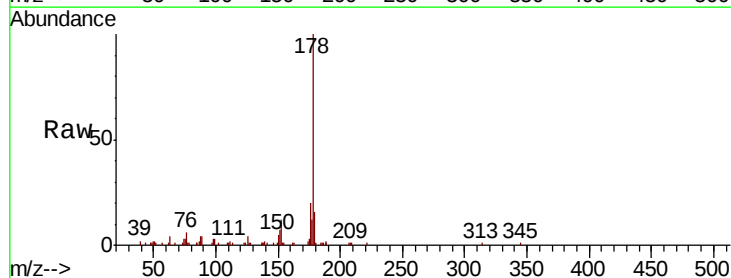
Instrument :
BNA_G
ClientSampleId :
C0AZ9

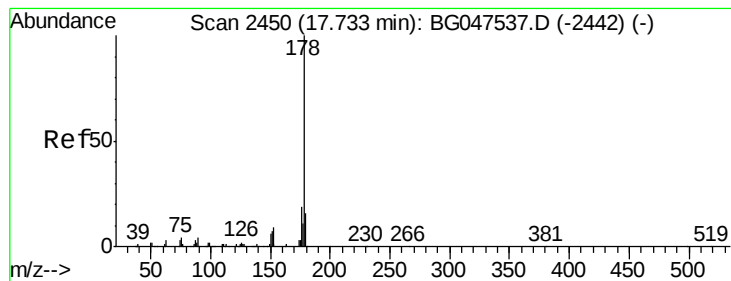
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.6	3.6	5.4#
164	6.3	8.0	12.0#



#70
Phenanthrene
Concen: 3.442 ng/ul
RT: 17.64 min Scan# 2434
Delta R.T. 0.00 min
Lab File: BG047542.D
Acq: 3 Dec 2020 17:24

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.3	18.5
176	20.2	15.0	22.4





#72

Anthracene

Concen: 3.417 ng/ul

RT: 17.64 min Scan# 2434

Delta R.T. -0.09 min

Lab File: BG047542.D

Acq: 3 Dec 2020 17:24

Instrument :

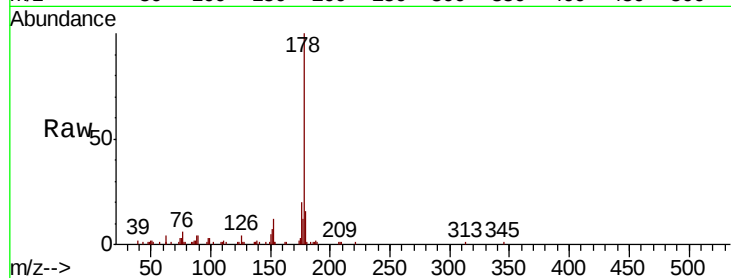
BNA_G

ClientSampleId :

C0AZ9

Tot Ion:178 Resp: 45999

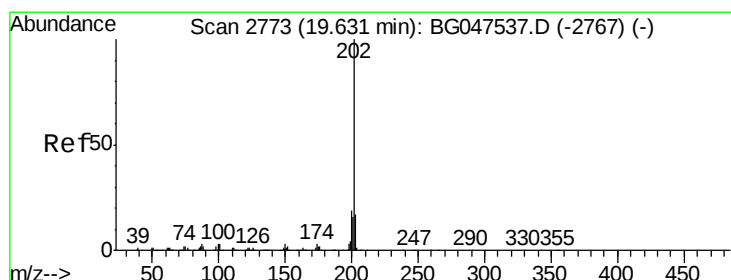
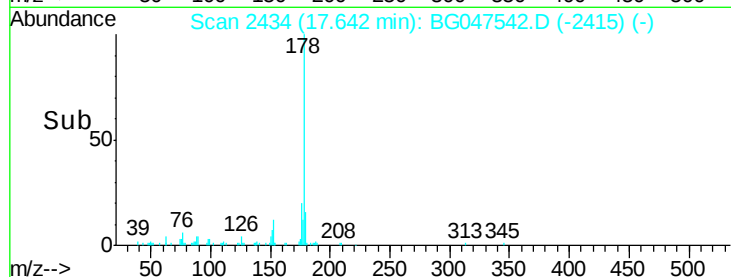
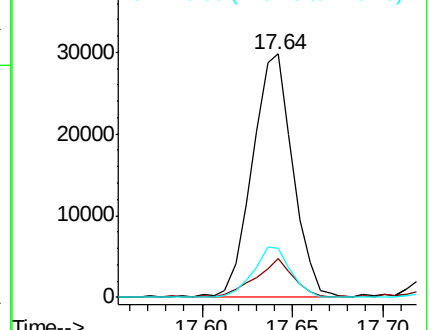
Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.4	18.6
176	20.2	15.3	22.9



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: 13.013 ng/ul

RT: 19.63 min Scan# 2773

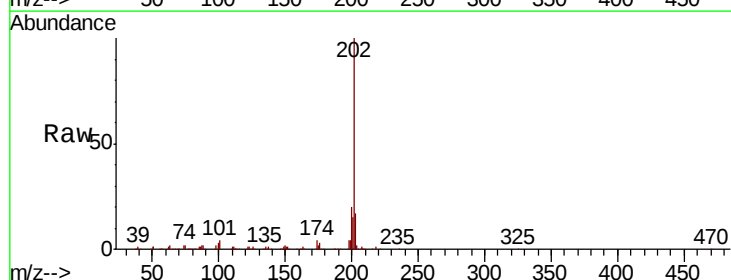
Delta R.T. 0.00 min

Lab File: BG047542.D

Acq: 3 Dec 2020 17:24

Tgt Ion:202 Resp: 219666

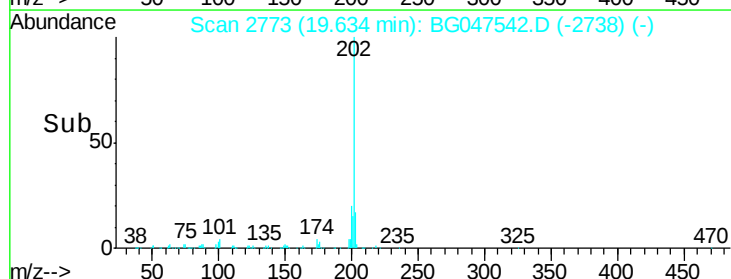
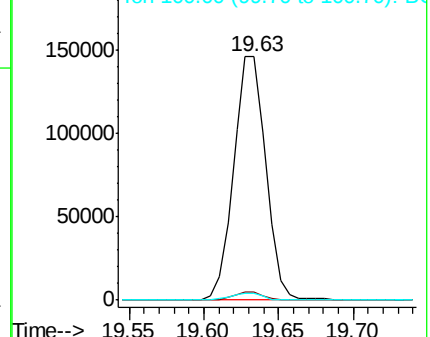
Ion	Ratio	Lower	Upper
202	100		
101	3.6	2.8	4.2
100	2.7	2.6	3.8

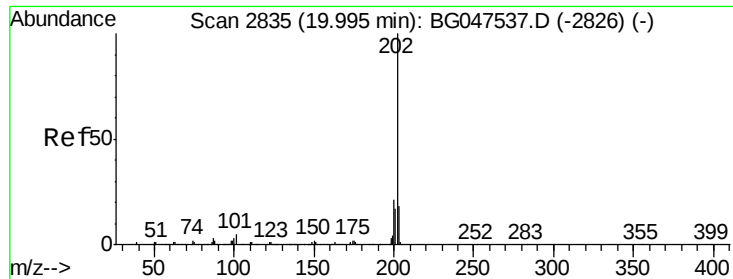


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

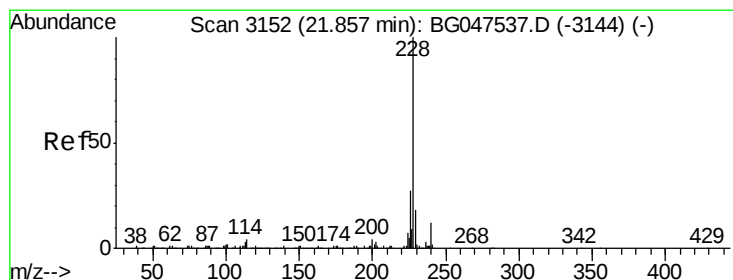
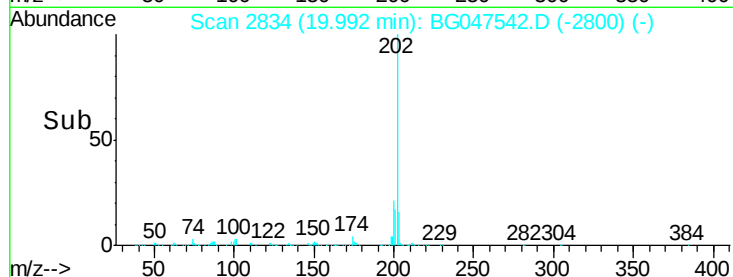
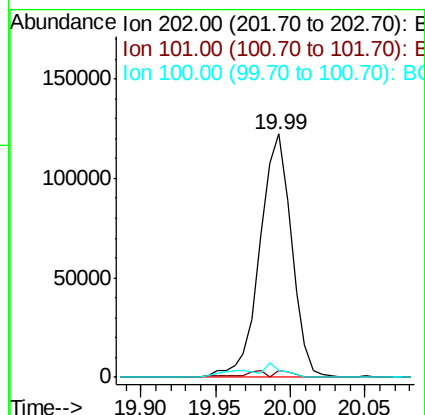
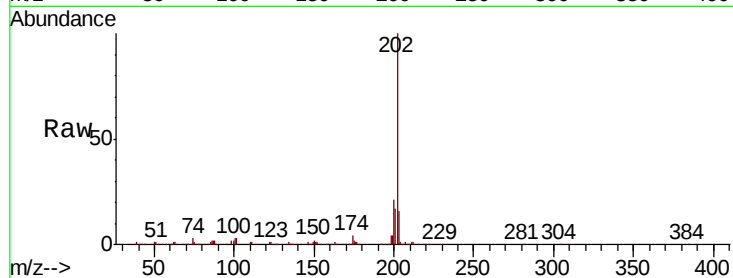




#80
Pvrene
Concen: 9.279 ng/ul
RT: 19.99 min Scan# 2834
Delta R.T. -0.00 min
Lab File: BG047542.D
Acq: 3 Dec 2020 17:24

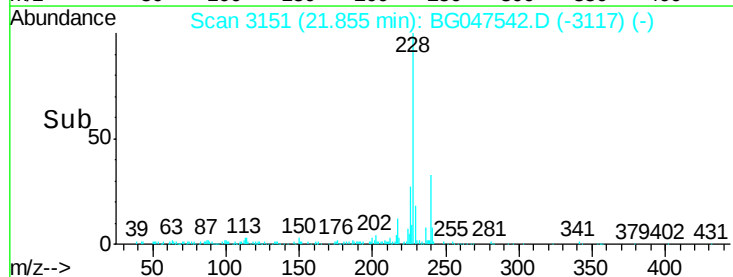
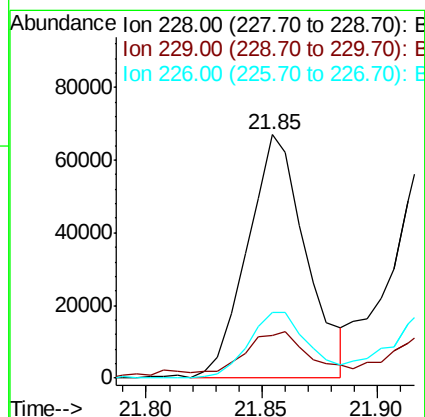
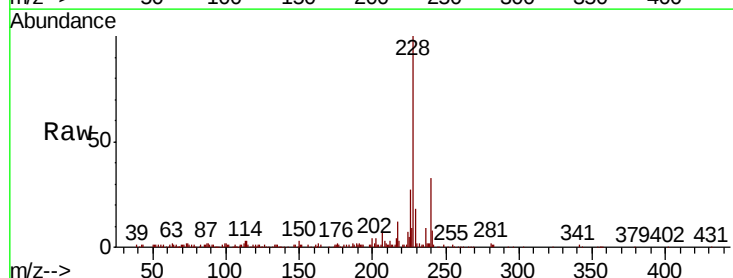
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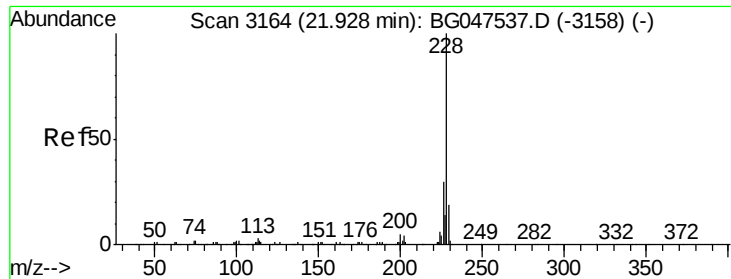
Tot Ion	Ratio	Lower	Upper
202	100		
101	2.9	3.8	5.6#
100	2.8	2.2	3.4



#83
Benzo(a)anthracene
Concen: 6.024 ng/ul
RT: 21.85 min Scan# 3151
Delta R.T. -0.00 min
Lab File: BG047542.D
Acq: 3 Dec 2020 17:24

Tgt Ion	Ratio	Lower	Upper
228	100		
229	17.6	14.7	22.1
226	26.9	21.6	32.4



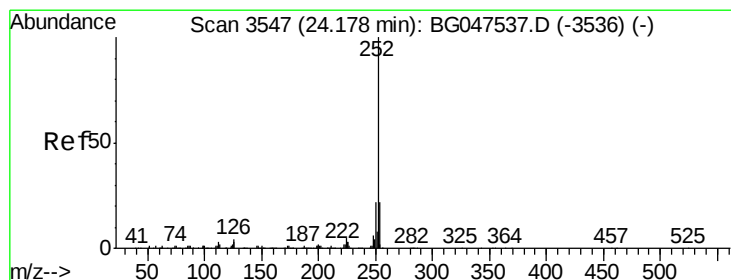
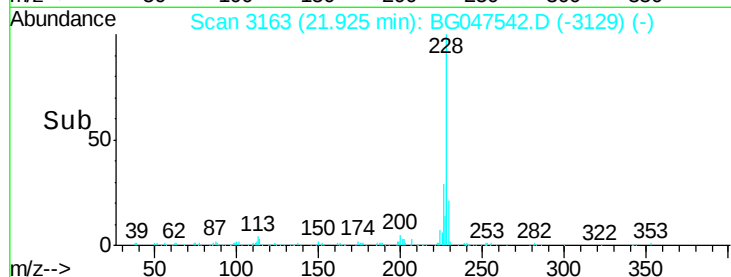
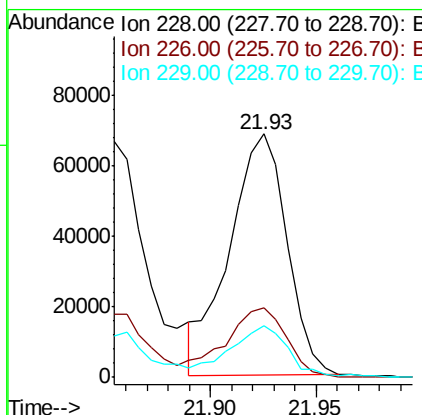
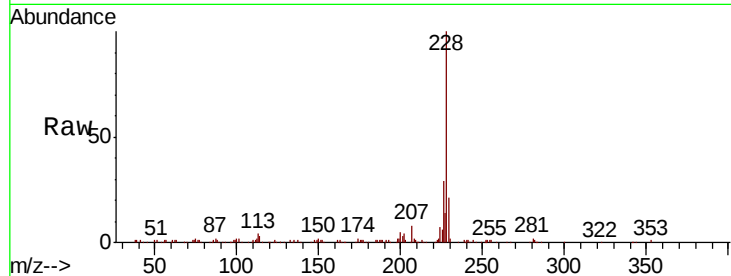


#85
 Chrysene
 Concen: 6.980 ng/ul
 RT: 21.93 min Scan# 3163
 Delta R.T. -0.00 min
 Lab File: BG047542.D
 Acq: 3 Dec 2020 17:24

Instrument :
 BNA_G
 ClientSampleId :
 C0AZ9

Tot Ion:228 Resp: 129310

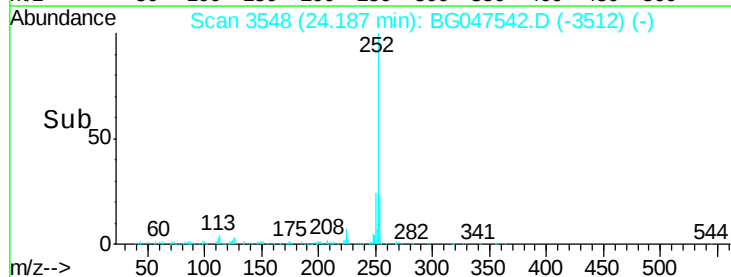
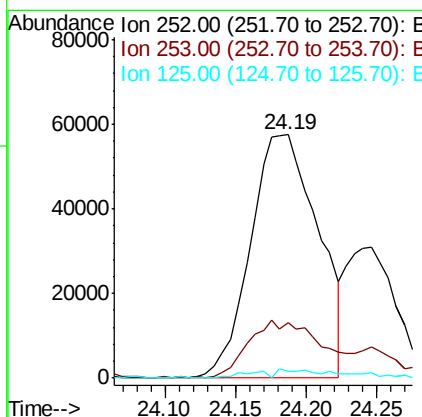
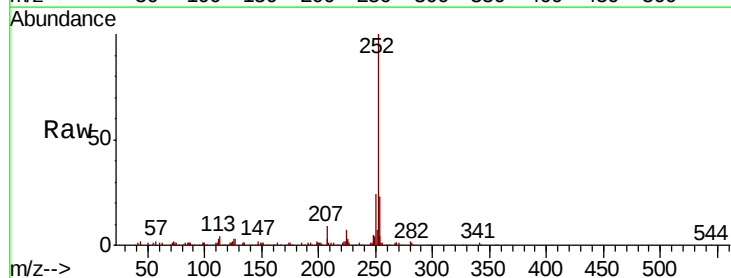
Ion	Ratio	Lower	Upper
228	100		
226	28.7	23.8	35.6
229	21.3	15.5	23.3

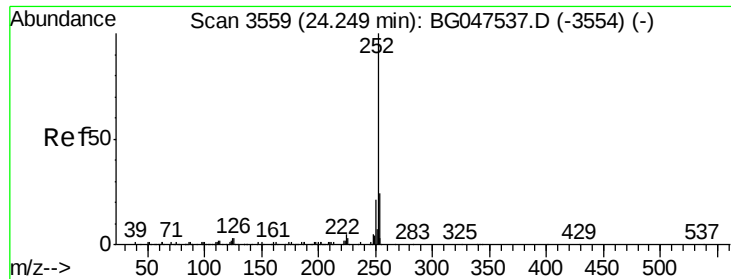


#88
 Benzo(b)fluoranthene
 Concen: 9.329 ng/ul
 RT: 24.19 min Scan# 3548
 Delta R.T. 0.01 min
 Lab File: BG047542.D
 Acq: 3 Dec 2020 17:24

Tgt Ion:252 Resp: 192044

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.9	26.9
125	2.6	2.4	3.6





#89

Benzo(k)fluoranthene

Concen: 9.467 ng/ul

RT: 24.19 min Scan# 3548

Delta R.T. -0.06 min

Lab File: BG047542.D

Acq: 3 Dec 2020 17:24

Instrument :

BNA_G

ClientSampleId :

C0AZ9

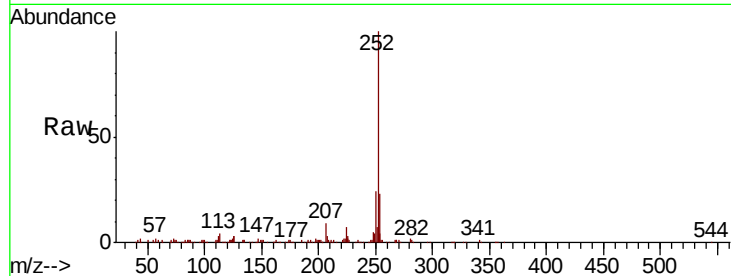
Tot Ion:252 Resp: 192044

Ion Ratio Lower Upper

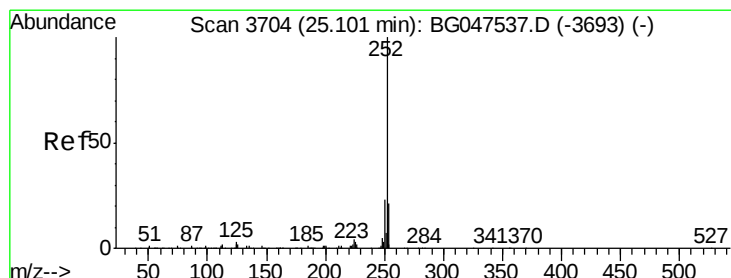
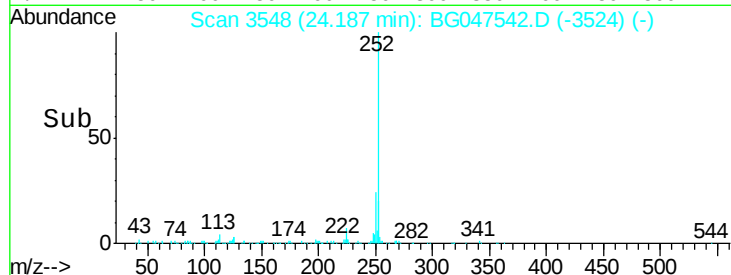
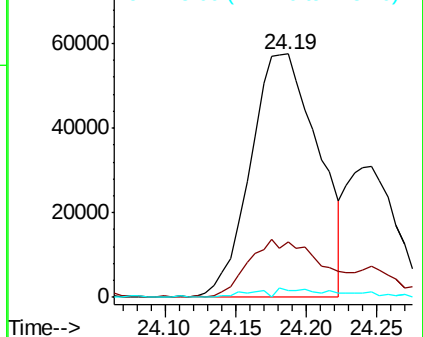
252 100

253 22.7 19.0 28.4

125 2.6 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: 4.631 ng/ul

RT: 24.93 min Scan# 3675

Delta R.T. -0.17 min

Lab File: BG047542.D

Acq: 3 Dec 2020 17:24

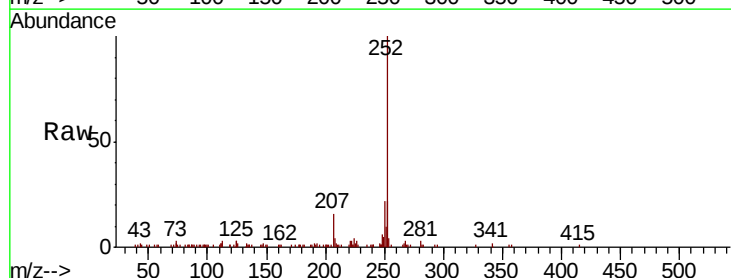
Tgt Ion:252 Resp: 84988

Ion Ratio Lower Upper

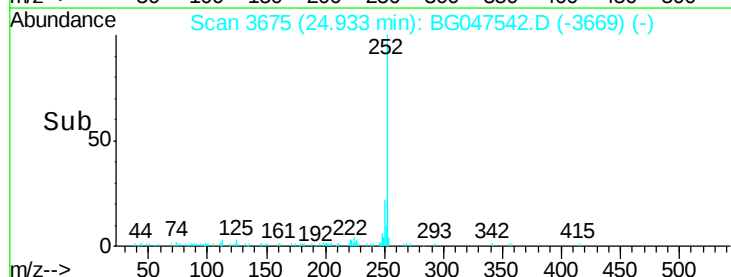
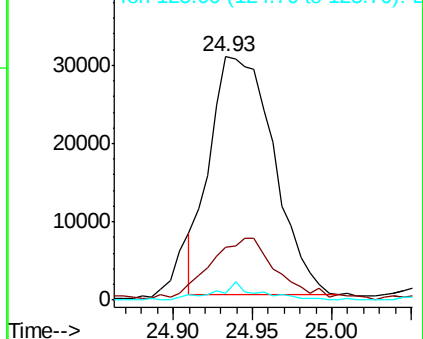
252 100

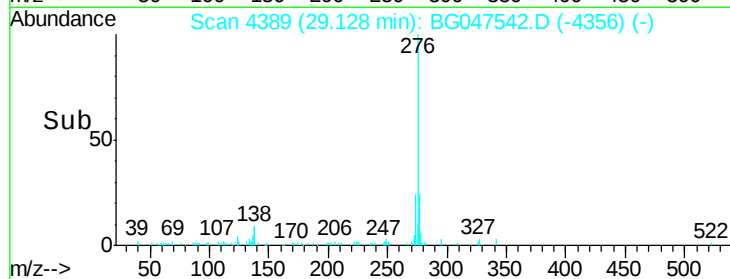
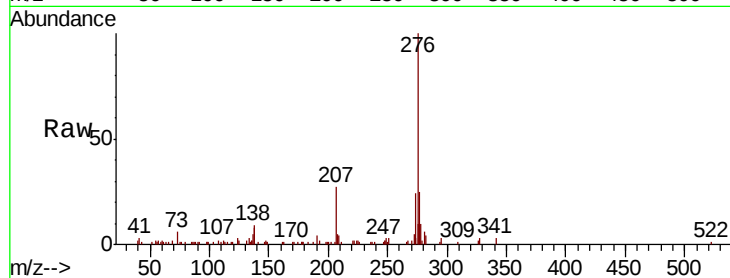
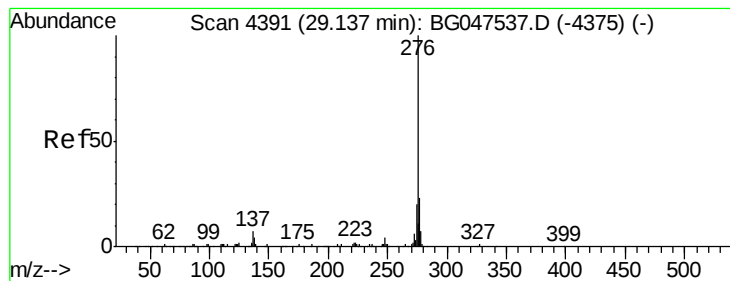
253 21.9 17.3 25.9

125 2.7 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





#92

Indeno(1,2,3-cd)pyrene

Concen: 2.173 ng/ul

RT: 29.13 min Scan# 4389

Delta R.T. -0.01 min

Lab File: BG047542.D

Acq: 3 Dec 2020 17:24

Instrument :

BNA_G

ClientSampleId :

C0AZ9

Tot Ion:276 Resp: 48504

Ion Ratio Lower Upper

276 100

138 17.5 3.7 5.5#

277 25.4 18.2 27.4

