

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG120320\
 Data File : BG047544.D
 Acq On : 3 Dec 2020 18:45
 Operator : CG/JU
 Sample : L4866-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B74

Quant Time: Dec 03 23:39:02 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

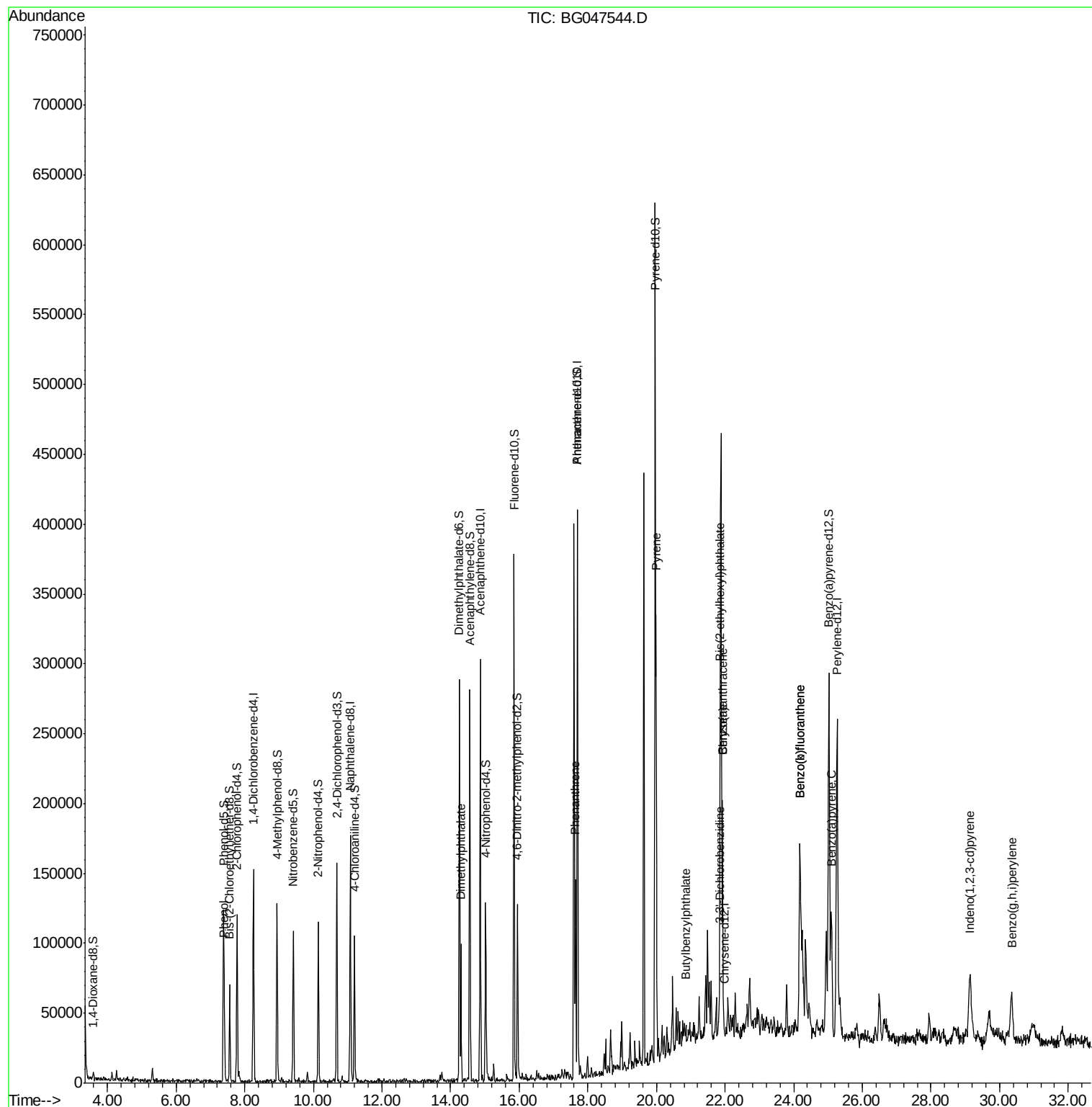
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	37602	20.00	ng/ul	0.00
18) Naphthalene-d8	11.08	136	135748	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.86	164	102655	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.69	188	246720	20.00	ng/ul	0.10
78) Chrysene-d12	21.98	240	473	20.00	ng/ul	0.10
86) Perylene-d12	25.26	264	274377	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.59	96	2513	2.43	ng/uL	0.00
5) Phenol-d5	7.38	99	56137	14.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.56	67	30555	14.21	ng/ul	0.00
9) 2-Chlorophenol-d4	7.78	132	42415	16.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.94	113	39302	13.56	ng/ul	0.00
19) Nitrobenzene-d5	9.41	128	20563	18.34	ng/ul	0.00
22) 2-Nitrophenol-d4	10.14	143	27090	22.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.68	165	50743	18.11	ng/ul	0.00
29) 4-Chloroaniline-d4	11.20	131	47732	16.85	ng/ul	0.00
44) Dimethylphthalate-d6	14.26	166	164474	18.66	ng/ul	0.00
47) Acenaphthylene-d8	14.56	160	196784	19.32	ng/ul	0.00
52) 4-Nitrophenol-d4	15.02	143	20955	15.59	ng/ul	0.00
58) Fluorene-d10	15.85	176	150062	18.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.95	200	28338	20.18	ng/ul	0.00
71) Anthracene-d10	17.69	188	246168	20.11	ng/ul	0.00
79) Pyrene-d10	19.96	212	312498	11353.20	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.03	264	322812	20.44	ng/ul	0.00
Target Compounds						
6) Phenol	7.41	94	18987	5.255	ng/ul	90
45) Dimethylphthalate	14.30	163	55673	6.193	ng/ul	97
70) Phenanthrene	17.64	178	89826	6.742	ng/ul	98
80) Pyrene	19.99	202	215928	6444.637	ng/ul	99
81) Butylbenzylphthalate	20.85	149	2882	244.913	ng/ul	97
82) 3,3'-Dichlorobenzidine	21.83	252	126	11.411	ng/ul#	17
83) Benzo(a)anthracene	21.92	228	131362	3903.217	ng/ul	97
84) Bis(2-ethylhexyl)phthalate	21.85	149	397	24.203	ng/ul#	55
85) Chrysene	21.92	228	131362	4101.620	ng/ul	95
88) Benzo(b)fluoranthene	24.18	252	200311	10.340	ng/ul	95
89) Benzo(k)fluoranthene	24.18	252	200311	10.492	ng/ul	93
91) Benzo(a)pyrene	25.10	252	115085	6.664	ng/ul#	96
92) Indeno(1,2,3-cd)pyrene	29.12	276	87190	4.151	ng/ul#	89
94) Benzo(g,h,i)perylene	30.36	276	65467	3.777	ng/ul#	70

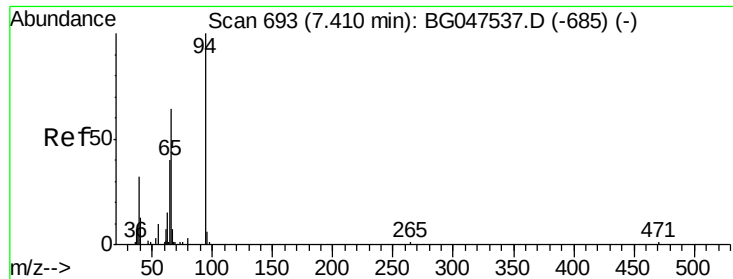
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 5.255 ng/ul

RT: 7.41 min Scan# 692

Delta R.T. -0.00 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

Instrument :

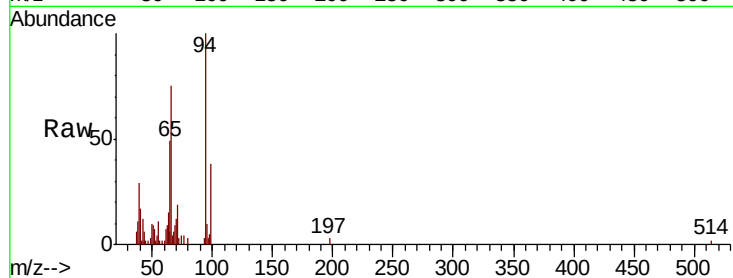
BNA_G

ClientSampleId :

C0B74

Tot Ion: 94 Resp: 18987

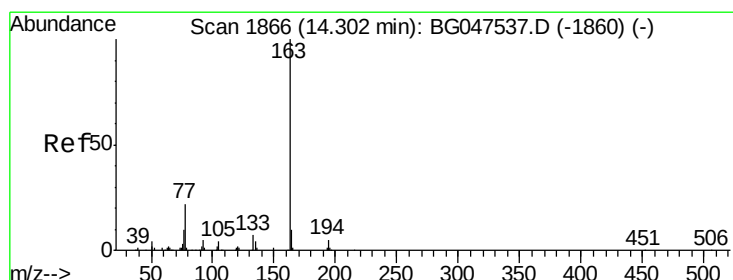
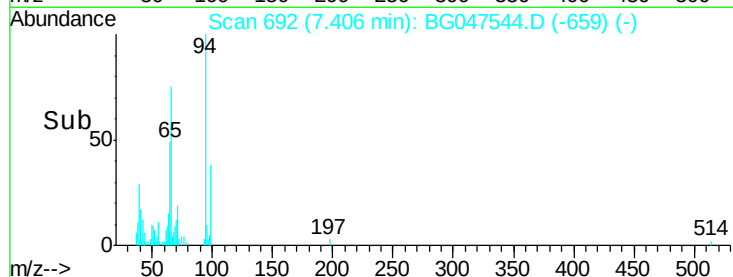
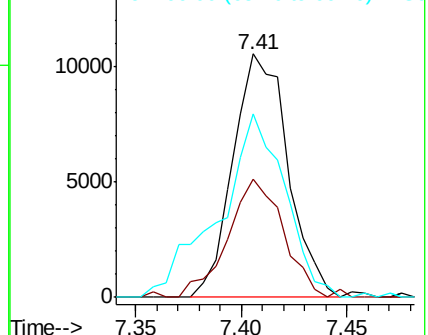
Ion	Ratio	Lower	Upper
94	100		
65	48.7	33.8	50.6
66	75.2	53.5	80.3



Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#45

Dimethylphthalate

Concen: 6.193 ng/ul

RT: 14.30 min Scan# 1865

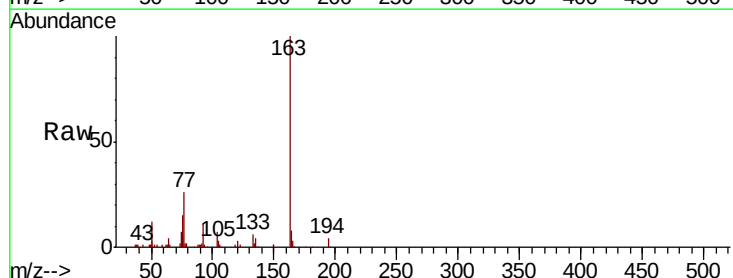
Delta R.T. -0.00 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

Tgt Ion: 163 Resp: 55673

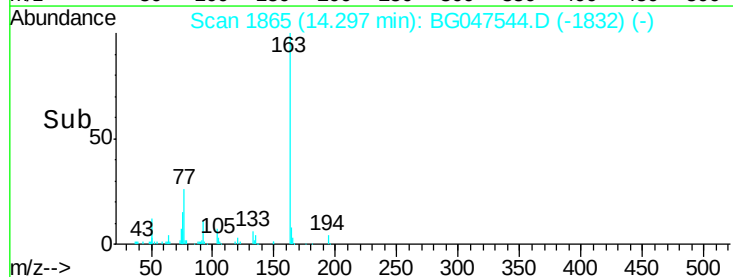
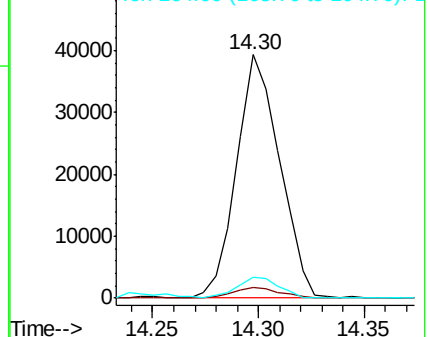
Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.6	5.4
164	8.5	8.0	12.0

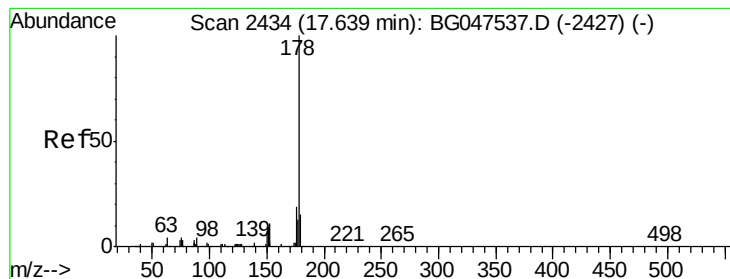


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#70

Phenanthrene

Concen: 6.742 ng/ul

RT: 17.64 min Scan# 2434

Delta R.T. 0.00 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

Instrument :

BNA_G

ClientSampleId :

C0B74

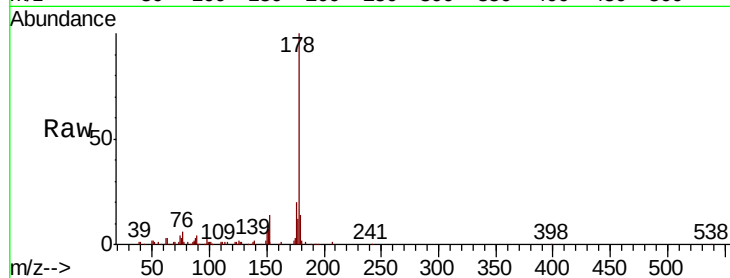
Tot Ion:178 Resp: 89826

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.3	18.5
176	19.8	15.0	22.4

178 100

179 14.4 12.3 18.5

176 19.8 15.0 22.4

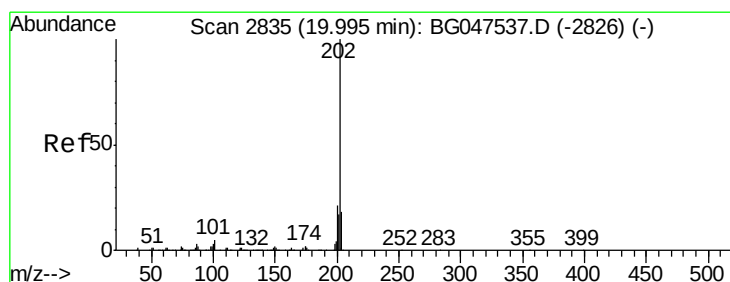
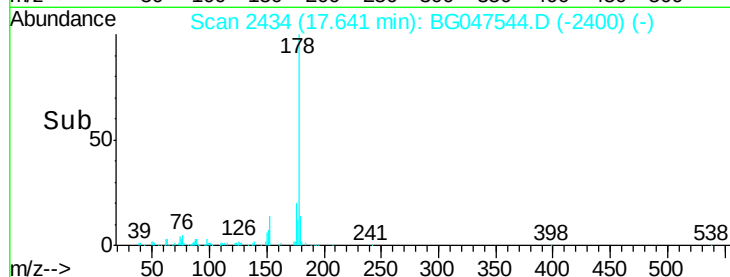
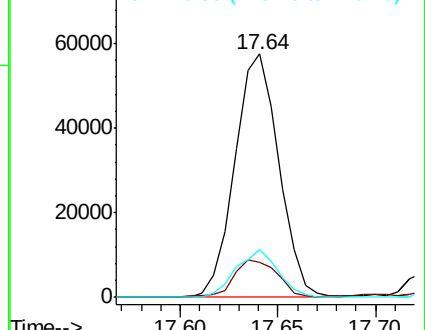


Abundance

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



#80

Pyrene

Concen: 6444.637 ng/ul

RT: 19.99 min Scan# 2834

Delta R.T. -0.00 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

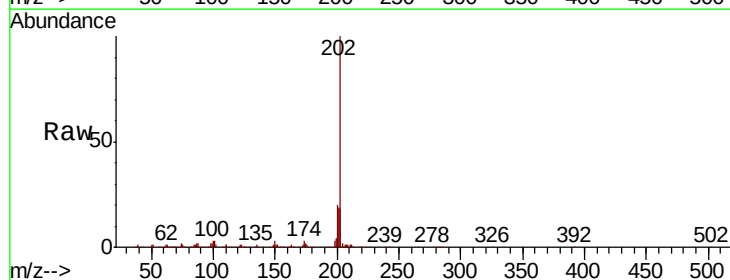
Tgt Ion:202 Resp: 215928

Ion	Ratio	Lower	Upper
202	100		
101	4.5	3.8	5.6
100	3.2	2.2	3.4

202 100

101 4.5 3.8 5.6

100 3.2 2.2 3.4

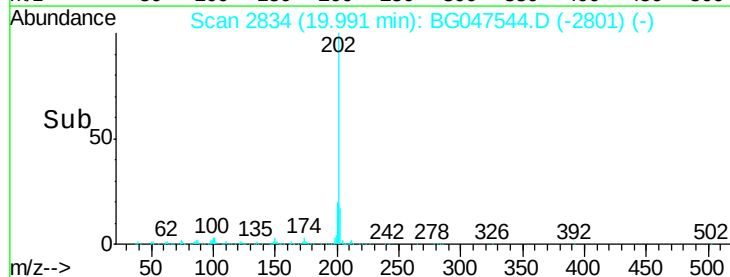
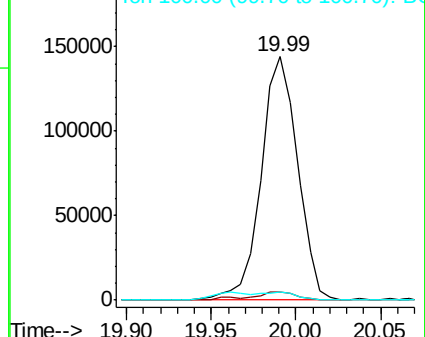


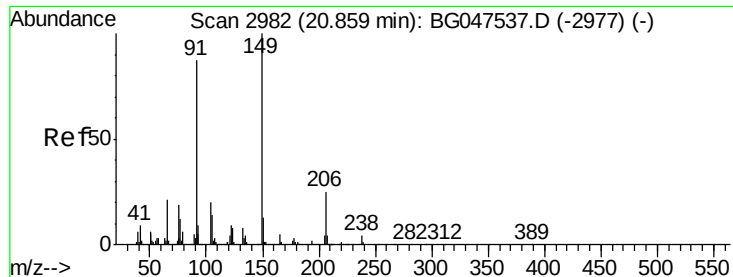
Abundance

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

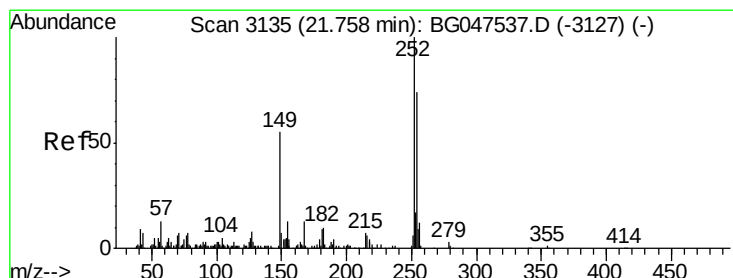
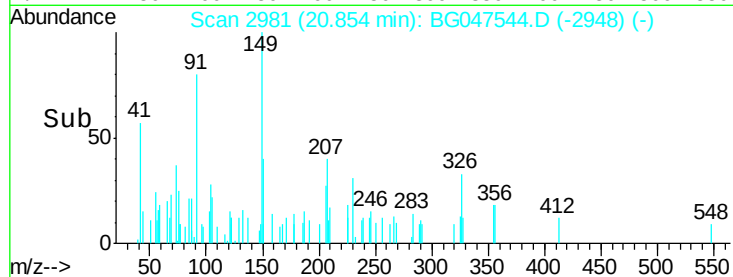
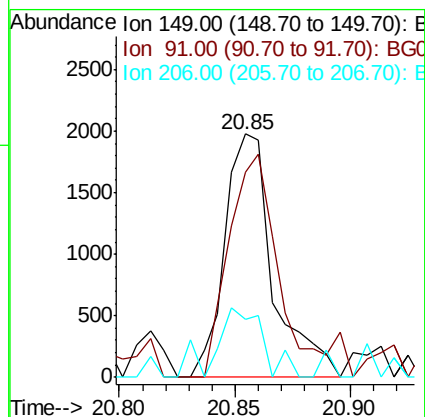
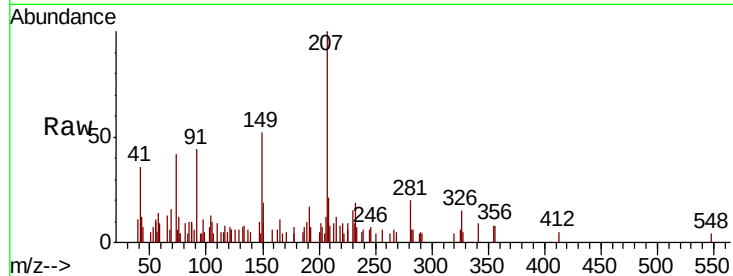




#81
Butylbenzylphthalate
Concen: 244.913 ng/ul
RT: 20.85 min Scan# 2981
Delta R.T. -0.00 min
Lab File: BG047544.D
Acq: 3 Dec 2020 18:45

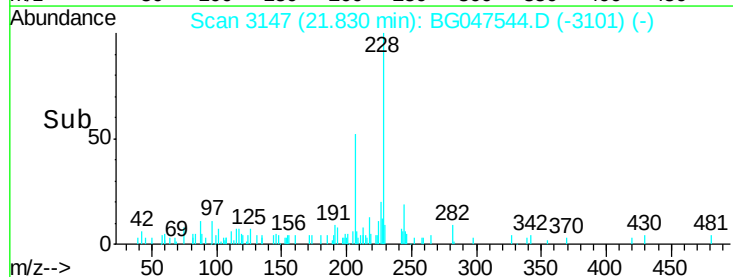
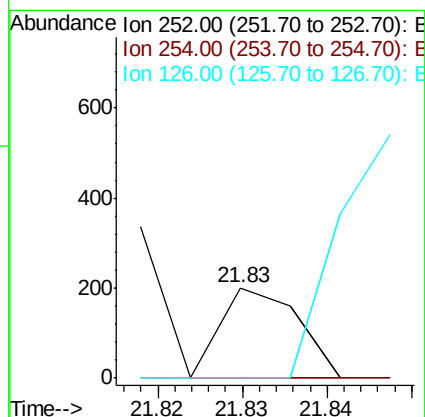
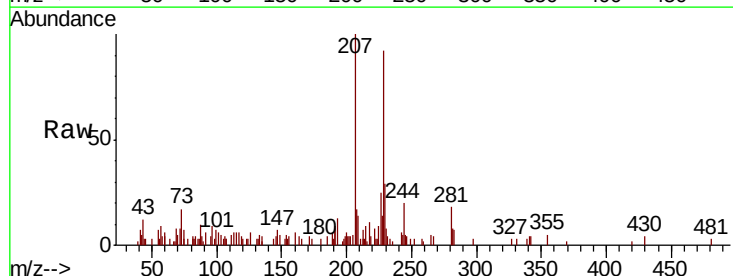
Instrument :
BNA_G
ClientSampleId :
C0B74

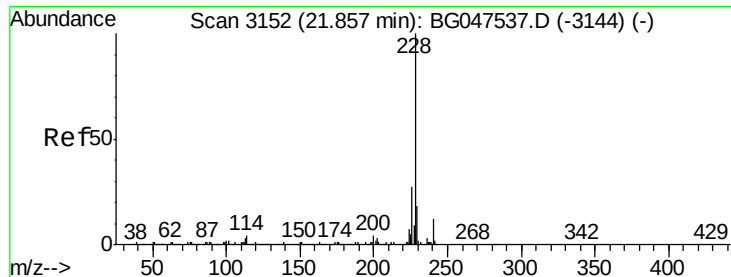
Tot Ion:149 Resp: 2882
Ion Ratio Lower Upper
149 100
91 84.5 69.8 104.8
206 23.9 20.2 30.2



#82
3,3'-Dichlorobenzidine
Concen: 11.411 ng/ul
RT: 21.83 min Scan# 3147
Delta R.T. 0.07 min
Lab File: BG047544.D
Acq: 3 Dec 2020 18:45

Tgt Ion:252 Resp: 126
Ion Ratio Lower Upper
252 100
254 0.0 59.5 89.3#
126 0.0 4.1 6.1#





#83

Benzo(a)anthracene

Concen: 3903.217 ng/ul

RT: 21.92 min Scan# 3163

Delta R.T. 0.07 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

Instrument :

BNA_G

ClientSampleId :

C0B74

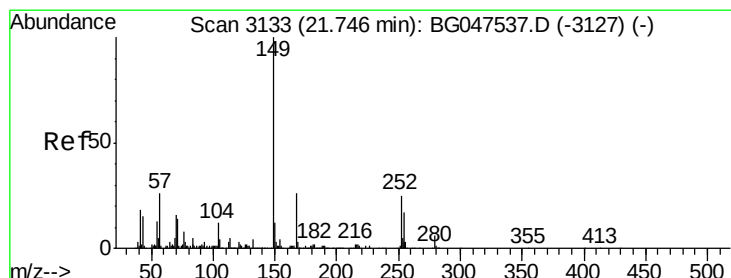
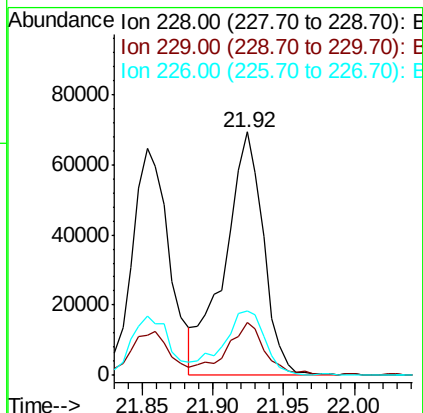
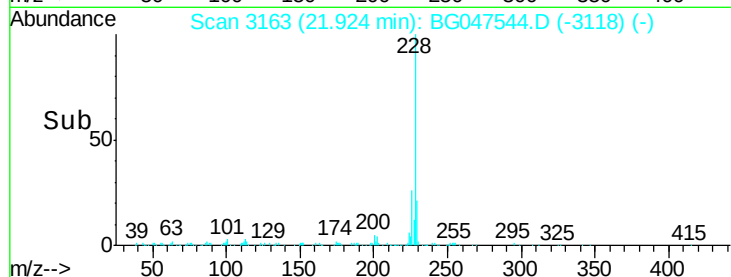
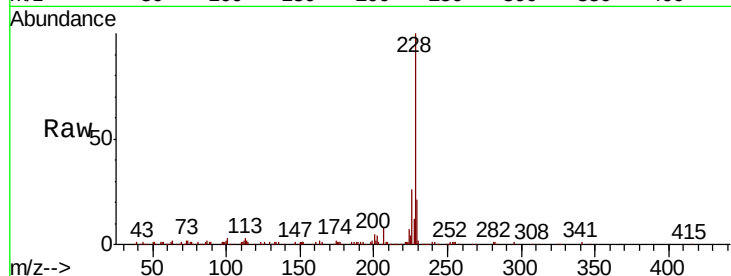
Tot Ion:228 Resp: 131362

Ion Ratio Lower Upper

228 100

229 21.5 14.7 22.1

226 26.4 21.6 32.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 24.203 ng/ul

RT: 21.85 min Scan# 3150

Delta R.T. 0.10 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

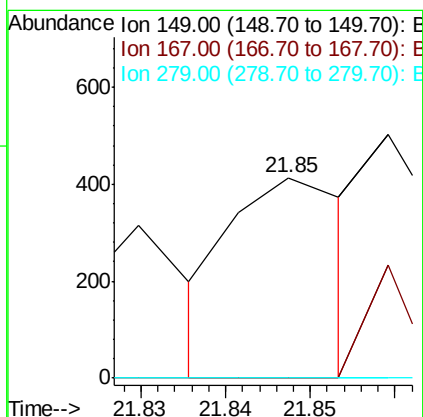
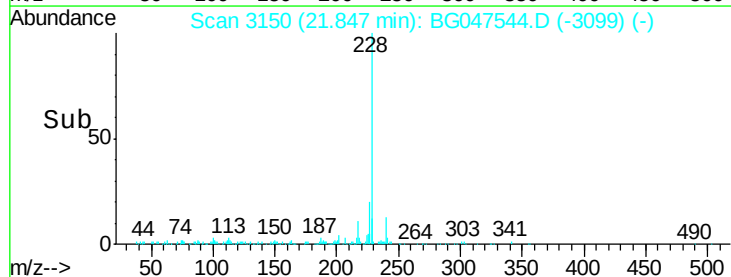
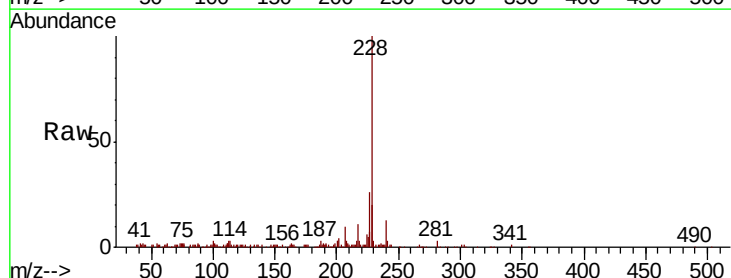
Tgt Ion:149 Resp: 397

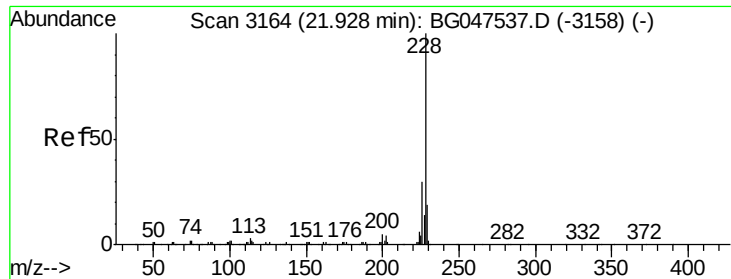
Ion Ratio Lower Upper

149 100

167 0.0 20.9 31.3#

279 0.0 5.2 7.8#

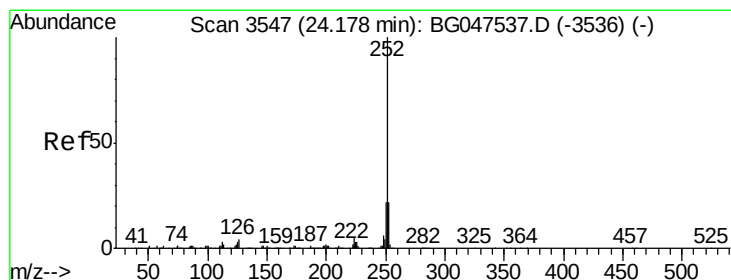
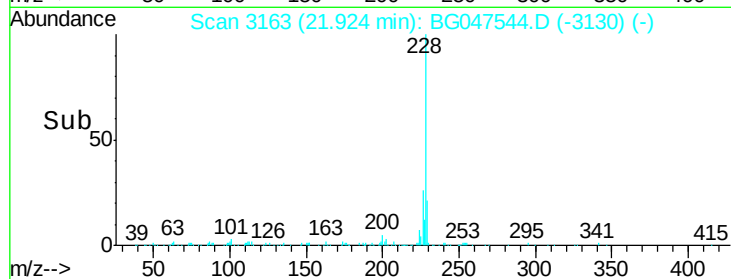
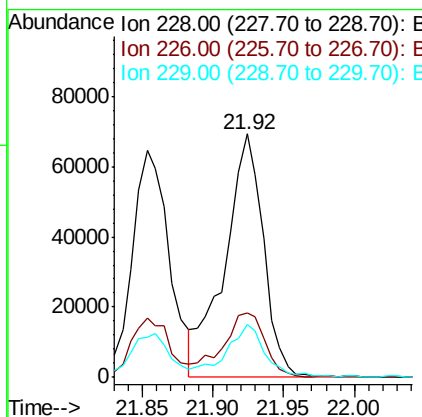
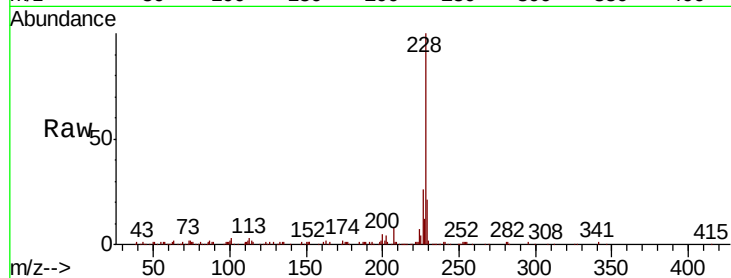




#85
Chrysene
Concen: 4101.620 ng/ul
RT: 21.92 min Scan# 3163
Delta R.T. -0.00 min
Lab File: BG047544.D
Acq: 3 Dec 2020 18:45

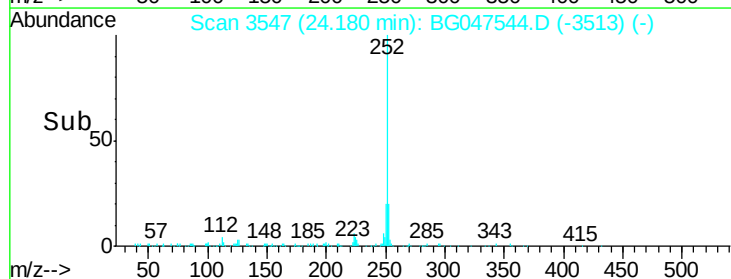
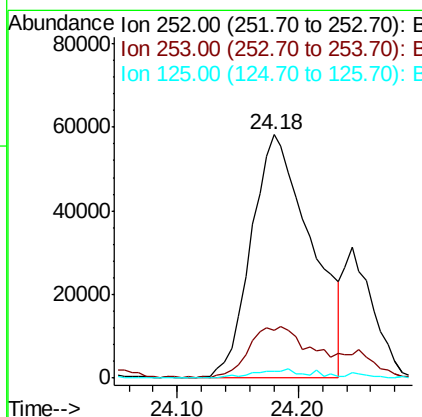
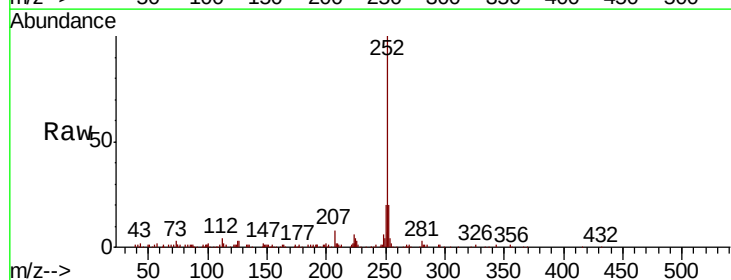
Instrument :
BNA_G
ClientSampleId :
C0B74

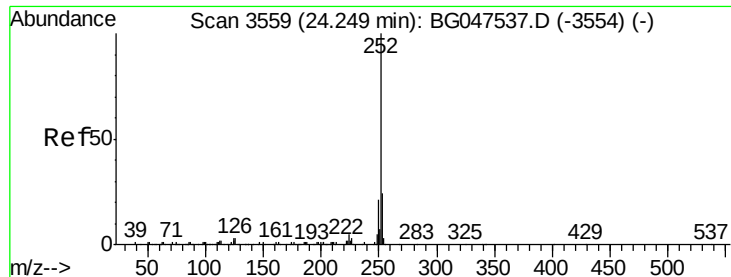
Tot Ion:228	Resp:	131362
Ion	Ratio	Lower Upper
228	100	
226	26.4	23.8 35.6
229	21.5	15.5 23.3



#88
Benzo(b)fluoranthene
Concen: 10.340 ng/ul
RT: 24.18 min Scan# 3547
Delta R.T. 0.00 min
Lab File: BG047544.D
Acq: 3 Dec 2020 18:45

Tgt Ion:252	Resp:	200311
Ion	Ratio	Lower Upper
252	100	
253	19.8	17.9 26.9
125	2.6	2.4 3.6





#89

Benzo(k)fluoranthene

Concen: 10.492 ng/ul

RT: 24.18 min Scan# 3547

Delta R.T. -0.07 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

Instrument :

BNA_G

ClientSampleId :

C0B74

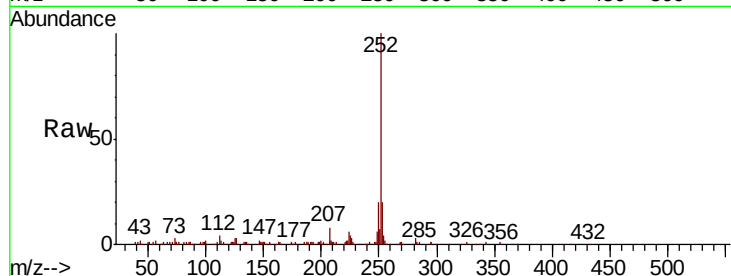
Tot Ion:252 Resp: 200311

Ion Ratio Lower Upper

252 100

253 19.8 19.0 28.4

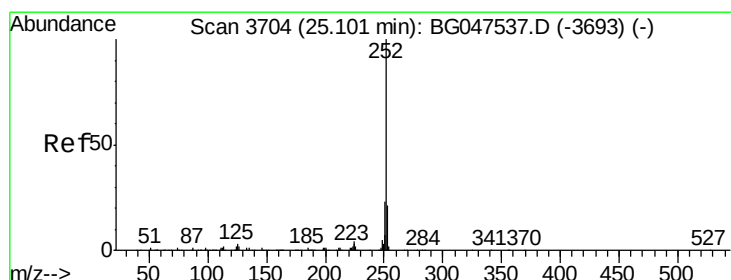
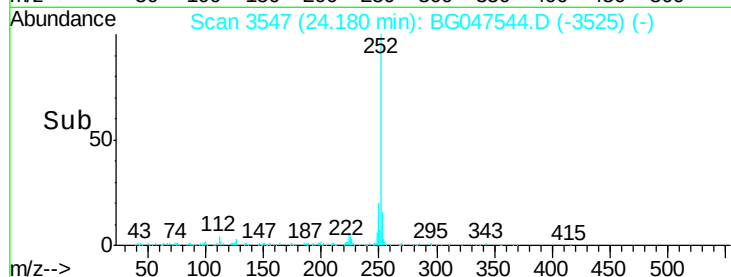
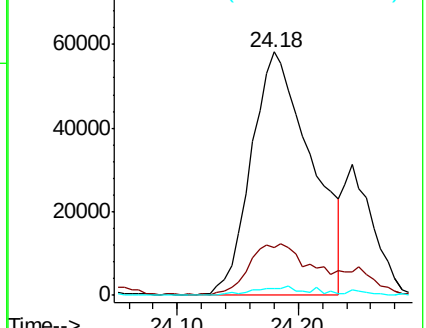
125 2.6 2.2 3.4



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: 6.664 ng/ul

RT: 25.10 min Scan# 3703

Delta R.T. -0.00 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

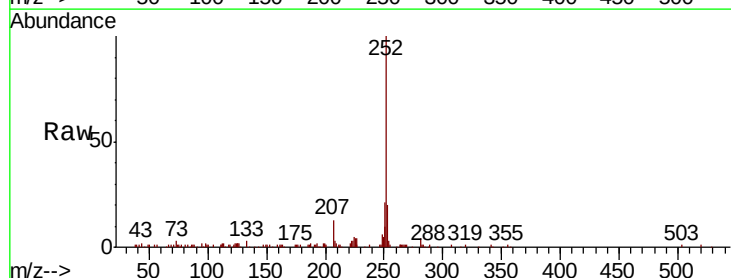
Tgt Ion:252 Resp: 115085

Ion Ratio Lower Upper

252 100

253 19.7 17.3 25.9

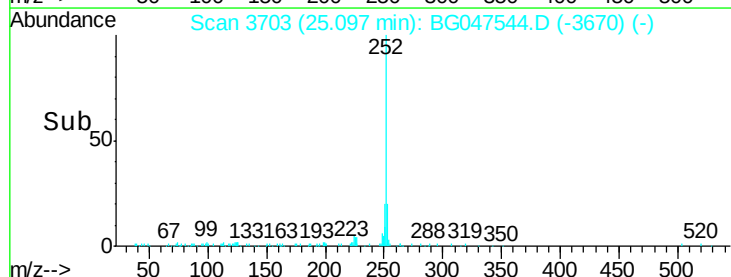
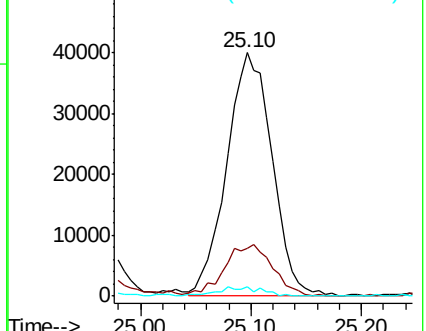
125 3.9 2.3 3.5#

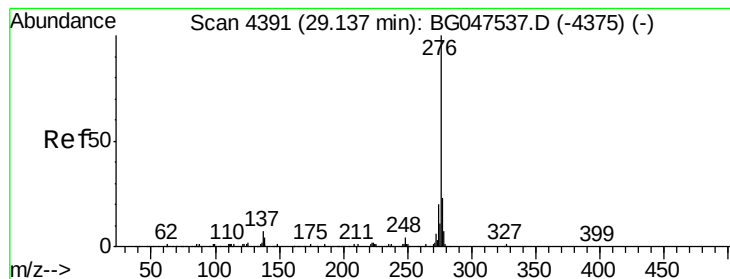


Abundance Ion 252.00 (251.70 to 252.70): E

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: 4.151 ng/ul

RT: 29.12 min Scan# 4388

Delta R.T. -0.02 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

Instrument :

BNA_G

ClientSampleId :

C0B74

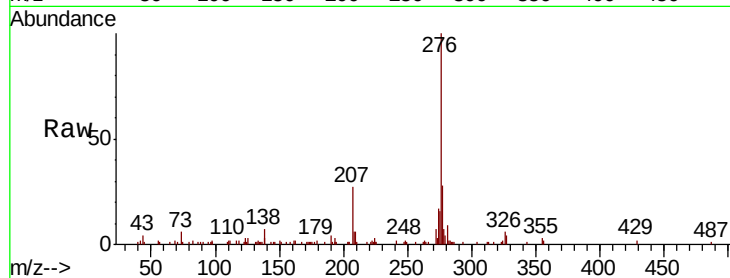
Tot Ion:276 Resp: 87190

Ion Ratio Lower Upper

276 100

138 10.3 3.7 5.5#

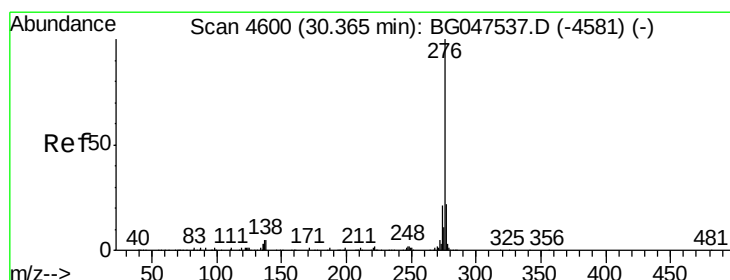
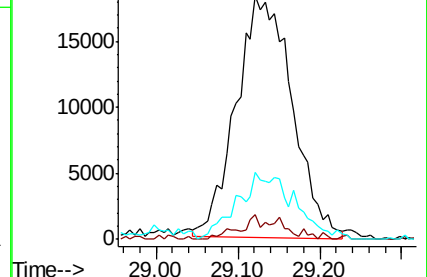
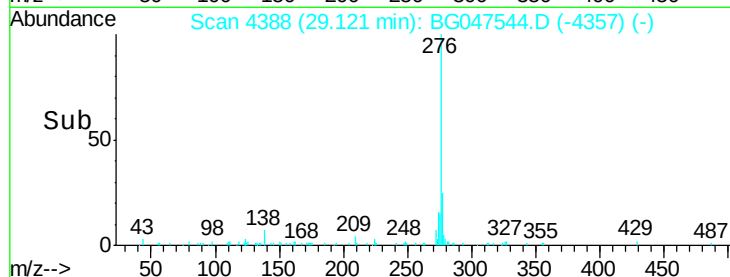
277 27.6 18.2 27.4#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#94

Benzo(g,h,i)perylene

Concen: 3.777 ng/ul

RT: 30.36 min Scan# 4598

Delta R.T. -0.01 min

Lab File: BG047544.D

Acq: 3 Dec 2020 18:45

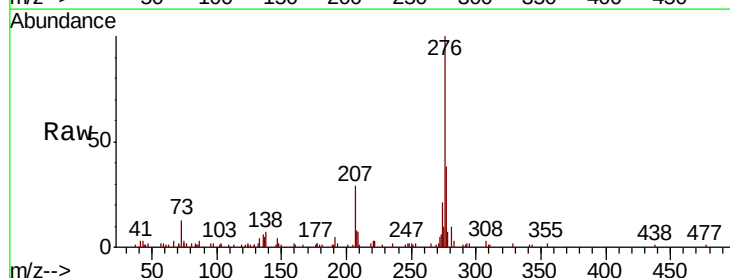
Tgt Ion:276 Resp: 65467

Ion Ratio Lower Upper

276 100

138 7.4 3.6 5.4#

277 38.1 17.5 26.3#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

