

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
 Data File : BG047432.D
 Acq On : 24 Nov 2020 4:28
 Operator : CG/JU
 Sample : L4711-05DL 2X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0BF2DL

Quant Time: Nov 24 05:12:57 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Nov 23 13:14:53 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	38501	20.00	ng/ul	0.00
18) Naphthalene-d8	11.11	136	150178	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	108547	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	237874	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	205465	20.00	ng/ul	0.00
86) Perylene-d12	25.31	264	223126	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1939	1.83	ng/uL	0.00
5) Phenol-d5	7.40	99	44256	11.46	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.59	67	24104	10.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	32620	12.60	ng/ul	0.00
13) 4-Methylphenol-d8	8.97	113	35450	11.95	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	16380	13.20	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	17960	13.27	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	42988	13.87	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	32735	10.45	ng/ul	0.00
44) Dimethylphthalate-d6	14.28	166	126935	13.62	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	160644	14.92	ng/ul	0.00
52) 4-Nitrophenol-d4	15.04	143	14395	10.13	ng/ul	0.00
58) Fluorene-d10	15.87	176	109142	12.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	8331	6.15	ng/ul	0.00
71) Anthracene-d10	17.72	188	168667	14.29	ng/ul	0.00
79) Pyrene-d10	19.98	212	179665	15.03	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.08	264	182701	14.23	ng/ul	0.00

Target Compounds

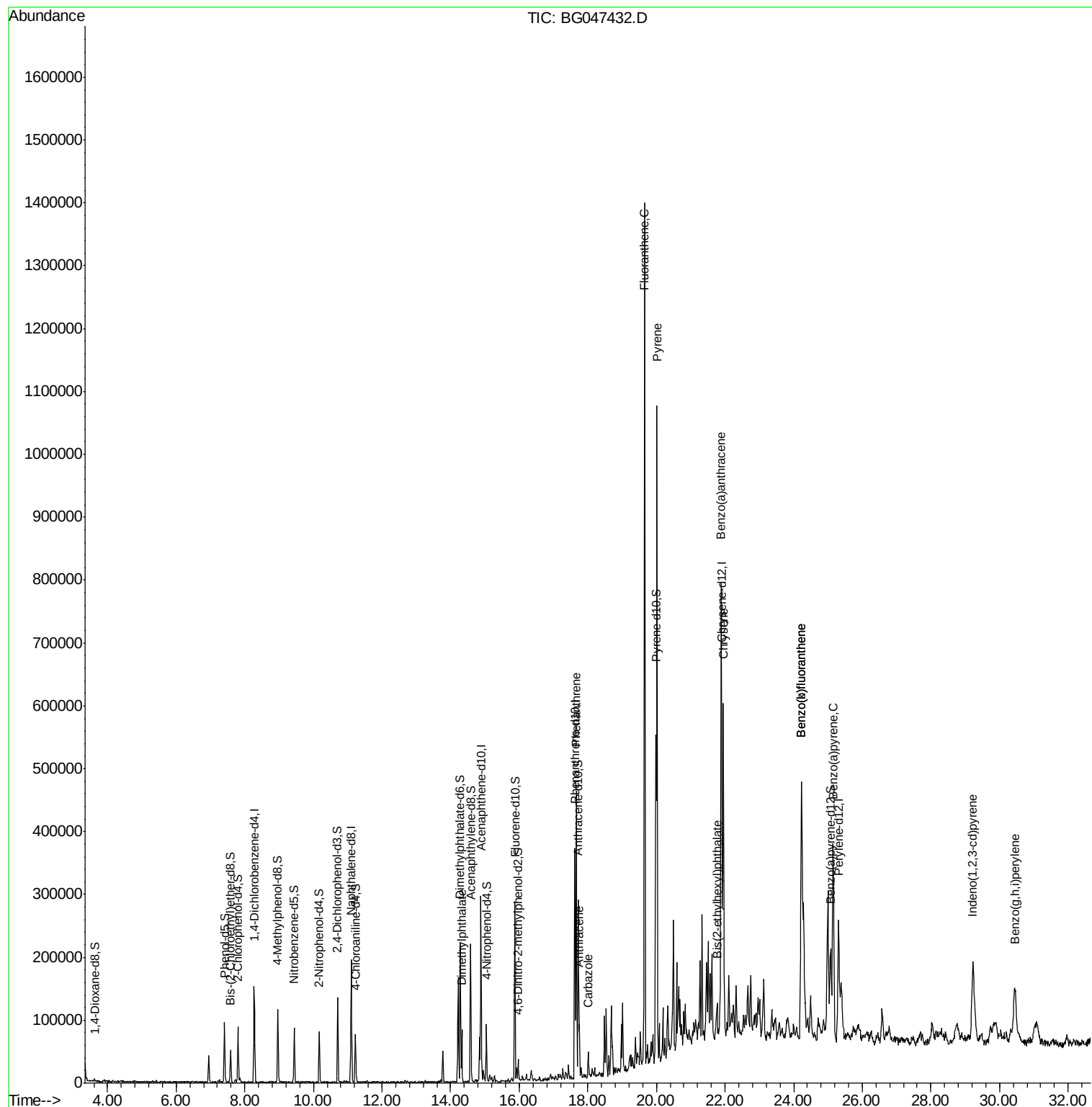
					Ovalue
45) Dimethylphthalate	14.32	163	47177	4.963	ng/ul 97
70) Phenanthrene	17.66	178	283243	22.050	ng/ul 95
72) Anthracene	17.75	178	65466	5.061	ng/ul 96
75) Carbazole	18.02	167	21695	2.079	ng/ul# 90
77) Fluoranthene	19.65	202	876193	54.009	ng/ul 98
80) Pyrene	20.01	202	706604	48.550	ng/ul 98
83) Benzo(a)anthracene	21.88	228	425874	29.131	ng/ul 96
84) Bis(2-ethylhexyl)phthalate	21.77	149	11467	1.609	ng/ul 94
85) Chrysene	21.95	228	435755	31.322	ng/ul 99
88) Benzo(b)fluoranthene	24.23	252	578239	36.705	ng/ul 98
89) Benzo(k)fluoranthene	24.23	252	578239	37.246	ng/ul 98
91) Benzo(a)pyrene	25.15	252	389944	27.766	ng/ul# 97
92) Indeno(1,2,3-cd)pyrene	29.23	276	252585	14.786	ng/ul# 94
94) Benzo(g,h,i)perylene	30.44	276	137217	9.735	ng/ul# 97

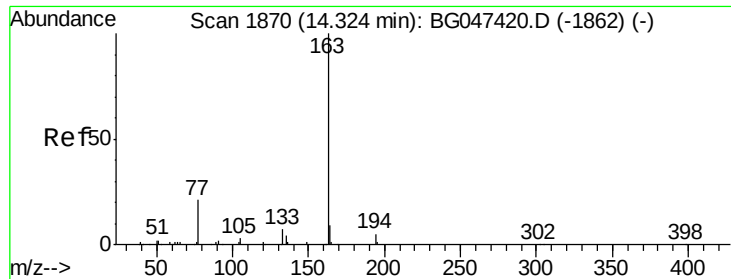
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112320\
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Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 23 13:14:53 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 4.963 ng/ul

RT: 14.32 min Scan# 1869

Delta R.T. -0.01 min

Lab File: BG047432.D

Acq: 24 Nov 2020 4:28

Instrument :

BNA_G

ClientSampleId :

C0BF2DL

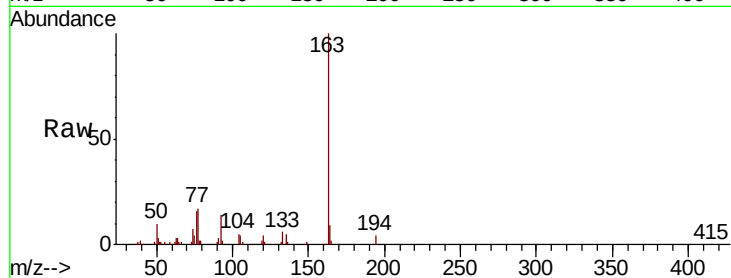
Tot Ion:163 Resp: 47177

Ion Ratio Lower Upper

163 100

194 4.1 3.6 5.4

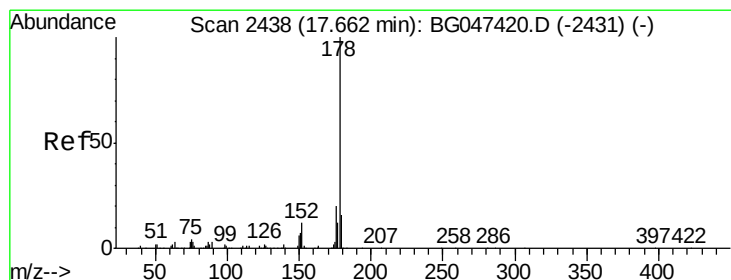
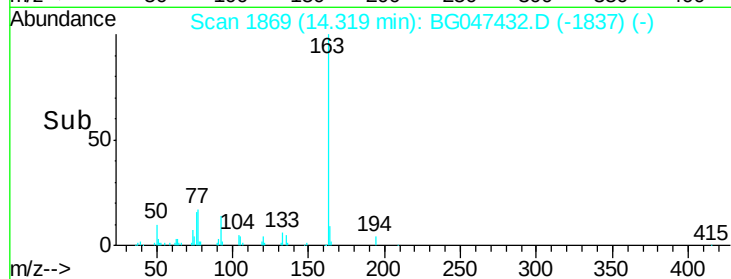
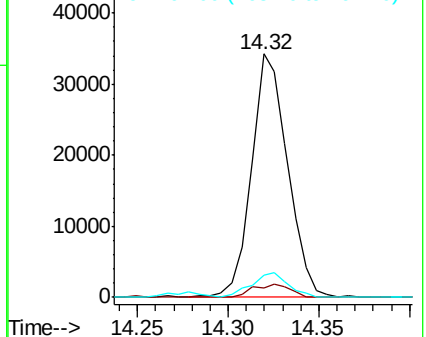
164 9.0 8.5 12.7



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: 22.050 ng/ul

RT: 17.66 min Scan# 2438

Delta R.T. -0.00 min

Lab File: BG047432.D

Acq: 24 Nov 2020 4:28

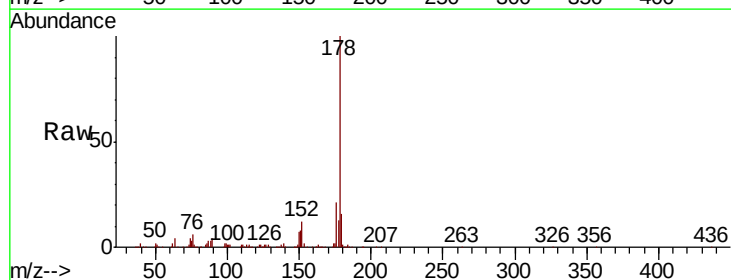
Tgt Ion:178 Resp: 283243

Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.6

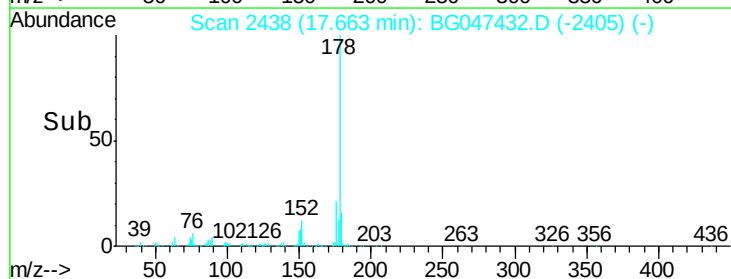
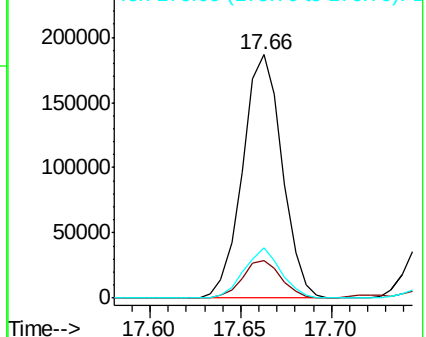
176 20.7 13.9 20.9

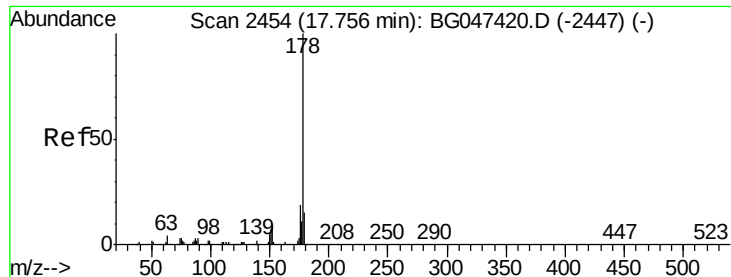


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 5.061 ng/ul

RT: 17.75 min Scan# 2453

Delta R.T. -0.00 min

Lab File: BG047432.D

Acq: 24 Nov 2020 4:28

Instrument :

BNA_G

ClientSampleId :

C0BF2DL

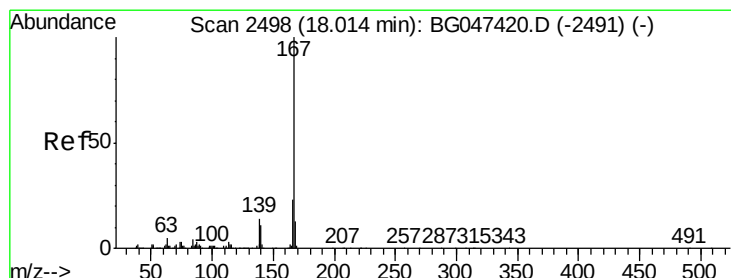
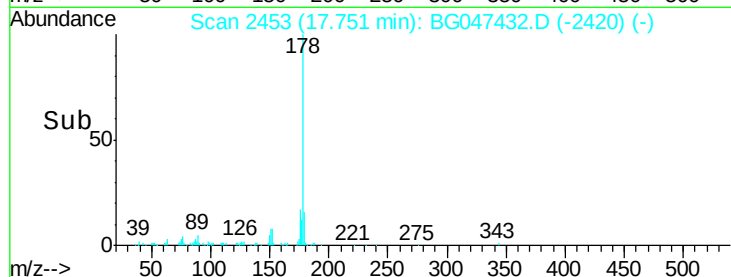
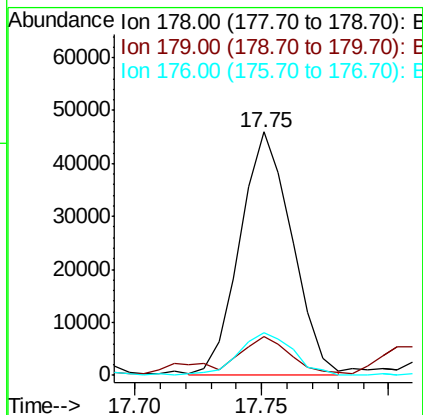
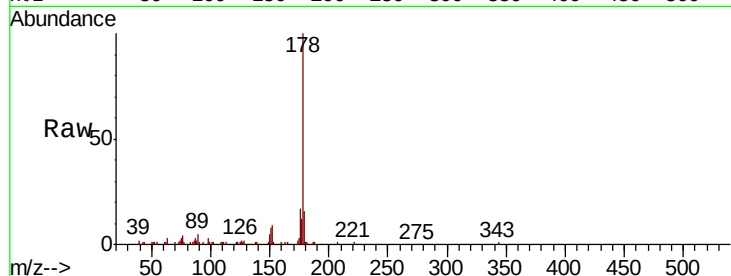
Tot Ion:178 Resp: 65466

Ion Ratio Lower Upper

178 100

179 16.2 11.7 17.5

176 17.3 15.4 23.0



#75

Carbazole

Concen: 2.079 ng/ul

RT: 18.02 min Scan# 2498

Delta R.T. 0.00 min

Lab File: BG047432.D

Acq: 24 Nov 2020 4:28

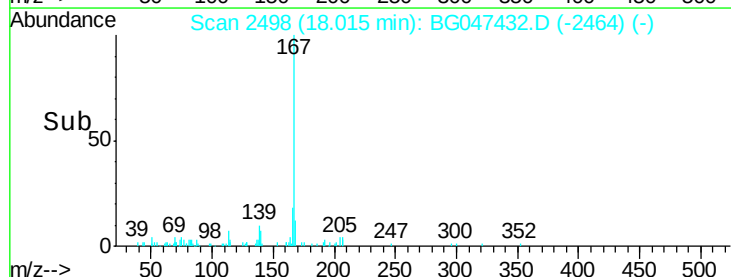
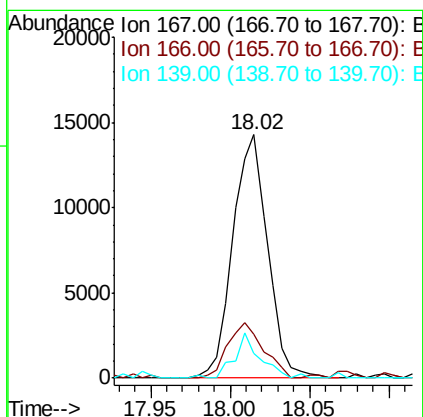
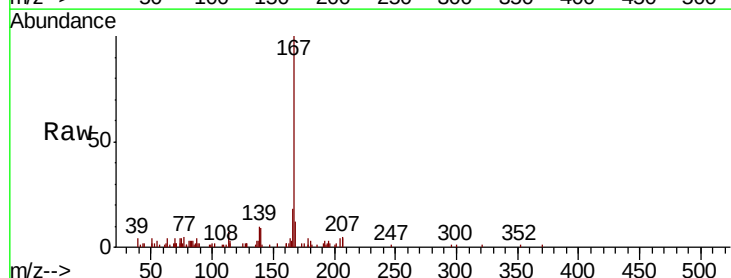
Tgt Ion:167 Resp: 21695

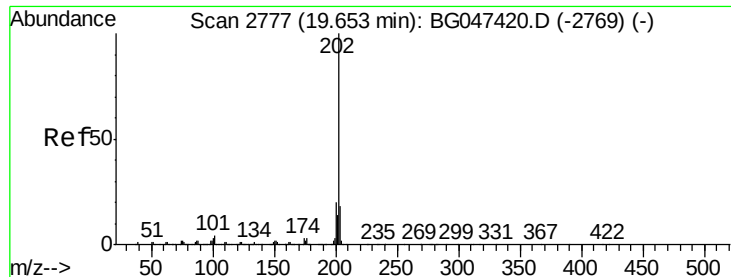
Ion Ratio Lower Upper

167 100

166 18.0 19.2 28.8#

139 10.4 10.0 15.0





#77

Fluoranthene

Concen: 54.009 ng/ul

RT: 19.65 min Scan# 2777

Delta R.T. 0.00 min

Lab File: BG047432.D

Acq: 24 Nov 2020 4:28

Instrument :

BNA_G

ClientSampleId :

C0BF2DL

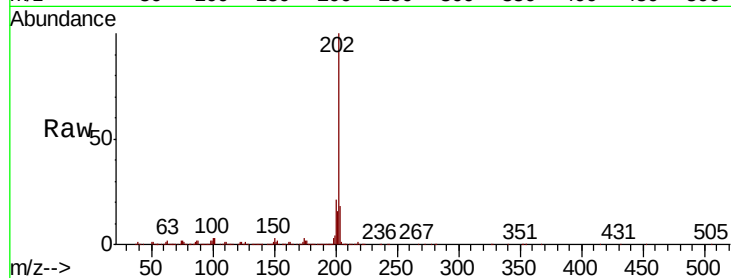
Tot Ion:202 Resp: 876193

Ion Ratio Lower Upper

202 100

101 3.4 3.0 4.6

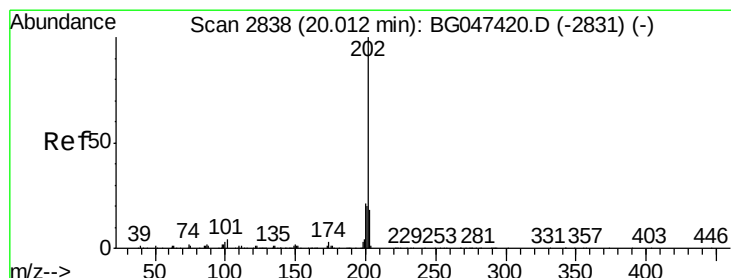
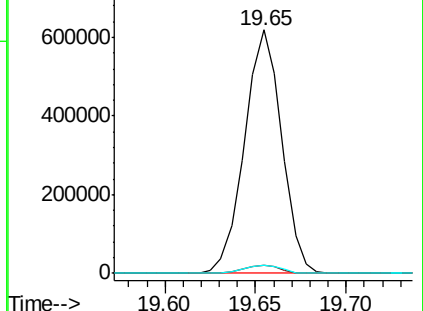
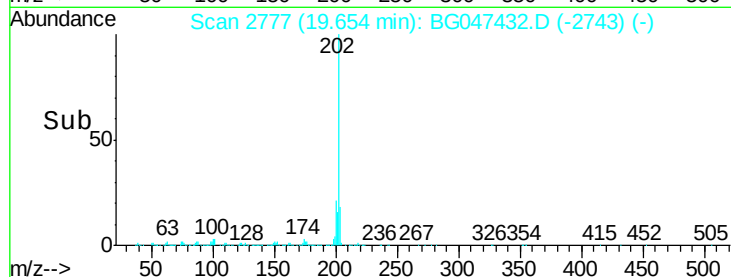
100 3.1 3.0 4.6



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: 48.550 ng/ul

RT: 20.01 min Scan# 2838

Delta R.T. 0.00 min

Lab File: BG047432.D

Acq: 24 Nov 2020 4:28

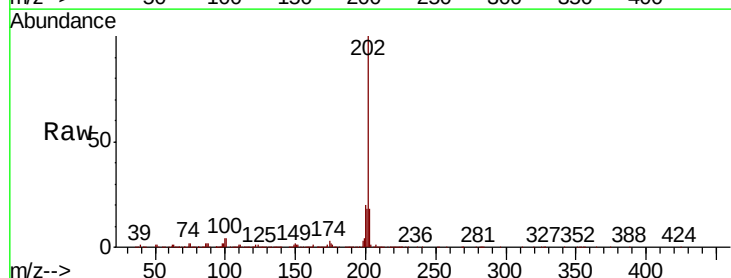
Tgt Ion:202 Resp: 706604

Ion Ratio Lower Upper

202 100

101 3.8 3.5 5.3

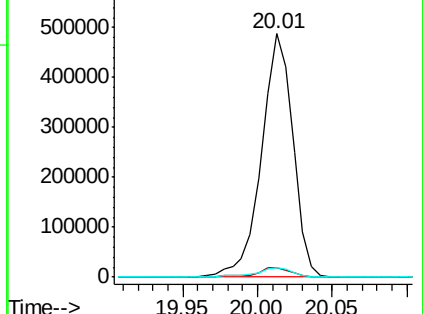
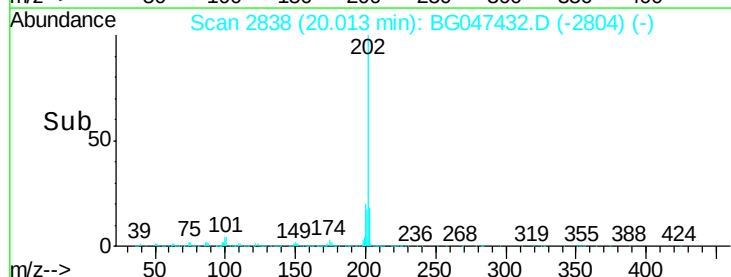
100 3.6 3.4 5.0

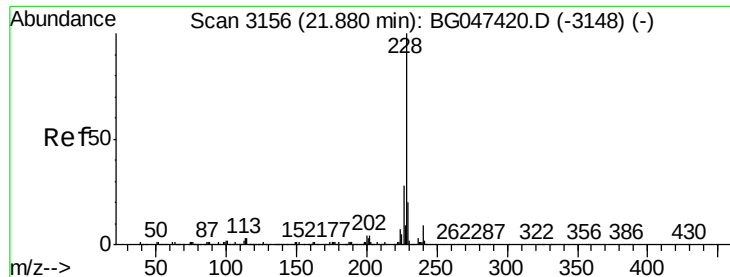


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#83

Benzo(a)anthracene

Concen: 29.131 ng/ul

RT: 21.88 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG047432.D

Acq: 24 Nov 2020 4:28

Instrument :

BNA_G

ClientSampleId :

C0BF2DL

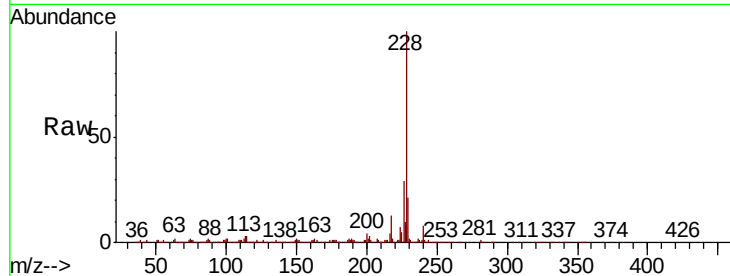
Tot Ion:228 Resp: 425874

Ion Ratio Lower Upper

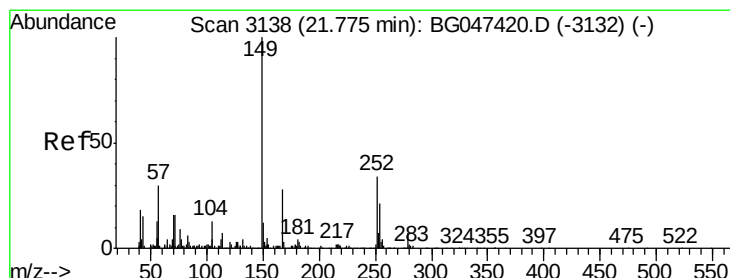
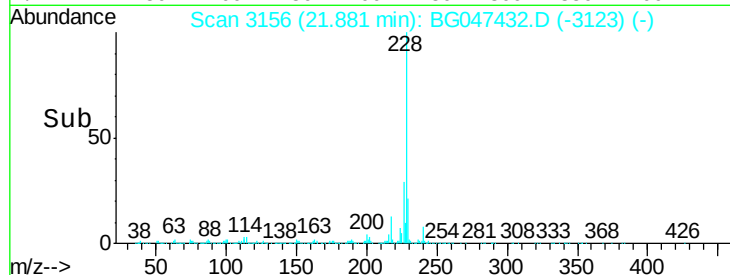
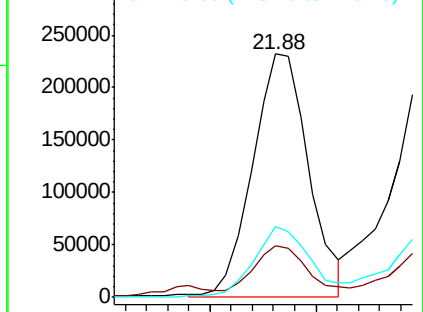
228 100

229 21.2 15.6 23.4

226 29.2 21.7 32.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 1.609 ng/ul

RT: 21.77 min Scan# 3137

Delta R.T. -0.00 min

Lab File: BG047432.D

Acq: 24 Nov 2020 4:28

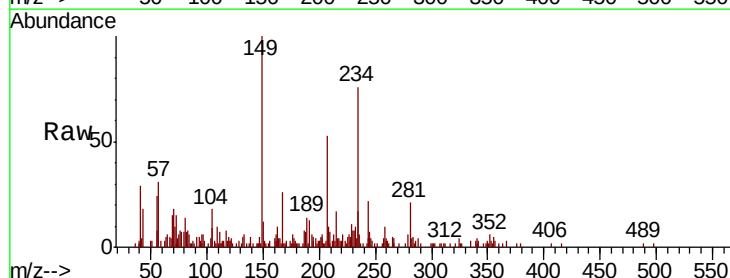
Tgt Ion:149 Resp: 11467

Ion Ratio Lower Upper

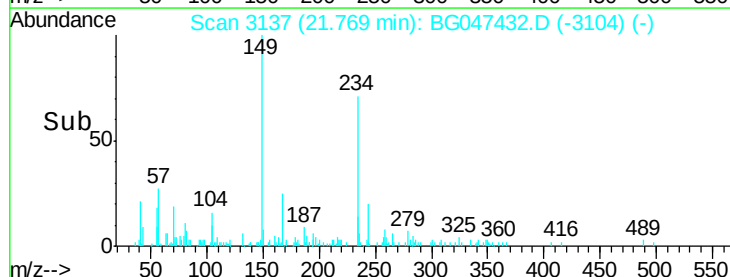
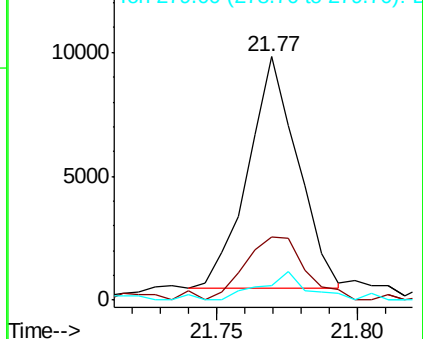
149 100

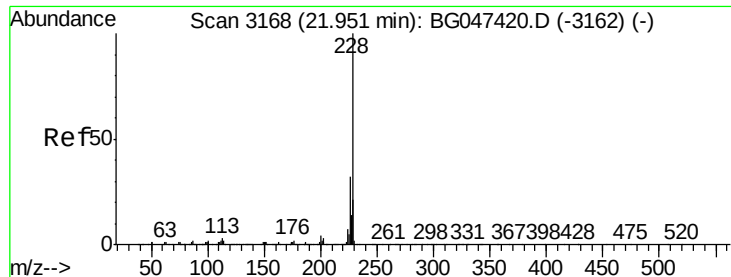
167 26.0 23.4 35.2

279 6.1 5.9 8.9



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 279.00 (278.70 to 279.70): E





#85

Chrysene

Concen: 31.322 ng/ul

RT: 21.95 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG047432.D

Acq: 24 Nov 2020 4:28

Instrument :

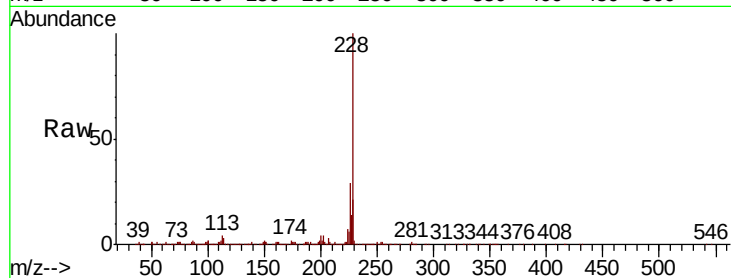
BNA_G

ClientSampleId :

C0BF2DL

Tot Ion:228 Resp: 435755

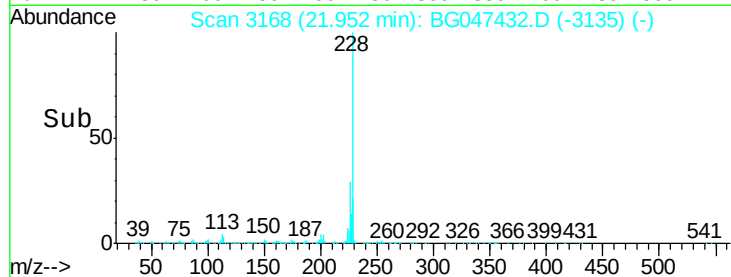
Ion	Ratio	Lower	Upper
228	100		
226	28.7	22.3	33.5
229	20.9	16.5	24.7



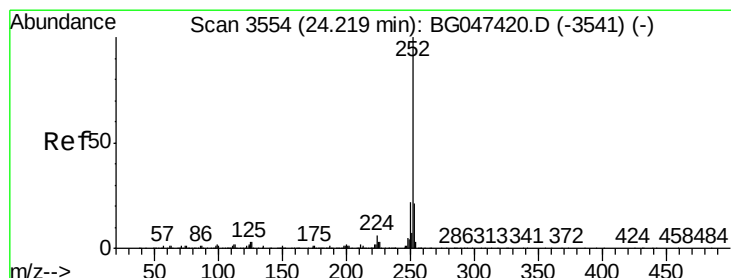
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#88

Benzo(b)fluoranthene

Concen: 36.705 ng/ul

RT: 24.23 min Scan# 3556

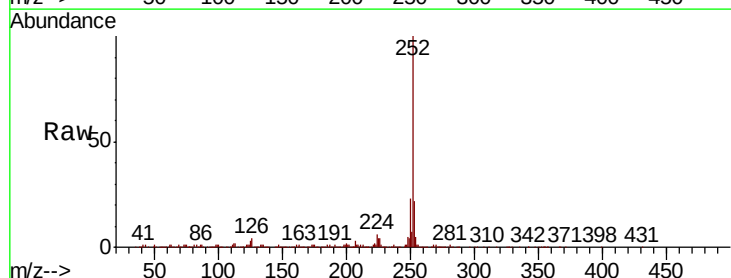
Delta R.T. 0.01 min

Lab File: BG047432.D

Acq: 24 Nov 2020 4:28

Tgt Ion:252 Resp: 578239

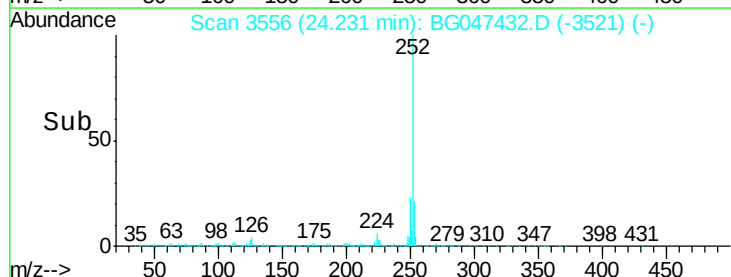
Ion	Ratio	Lower	Upper
252	100		
253	21.5	16.6	25.0
125	2.8	2.7	4.1



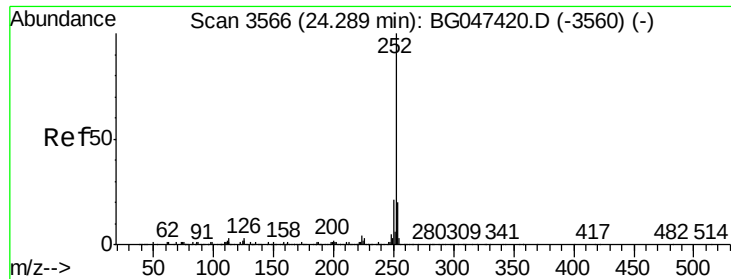
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#89

Benzo(k)fluoranthene

Concen: 37.246 ng/ul

RT: 24.23 min Scan# 3556

Delta R.T. -0.06 min

Lab File: BG047432.D

Acq: 24 Nov 2020 4:28

Instrument :

BNA_G

ClientSampleId :

C0BF2DL

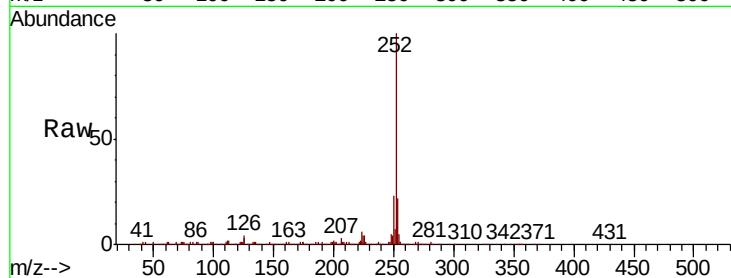
Tot Ion:252 Resp: 578239

Ion Ratio Lower Upper

252 100

253 21.5 18.2 27.4

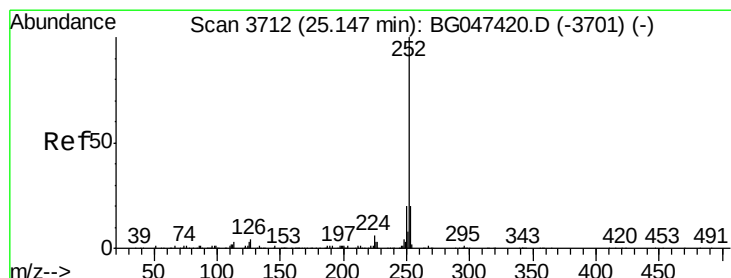
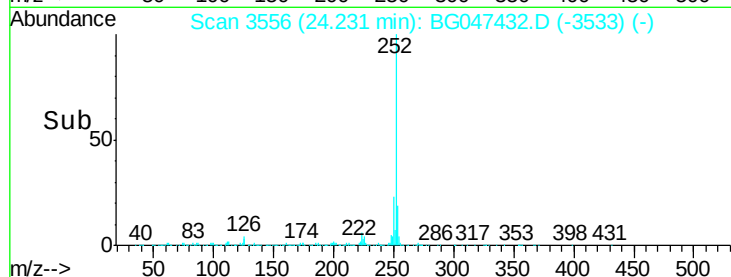
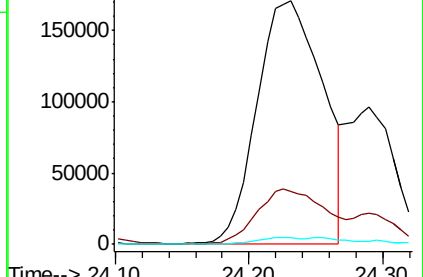
125 2.8 2.2 3.2



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: 27.766 ng/ul

RT: 25.15 min Scan# 3712

Delta R.T. 0.00 min

Lab File: BG047432.D

Acq: 24 Nov 2020 4:28

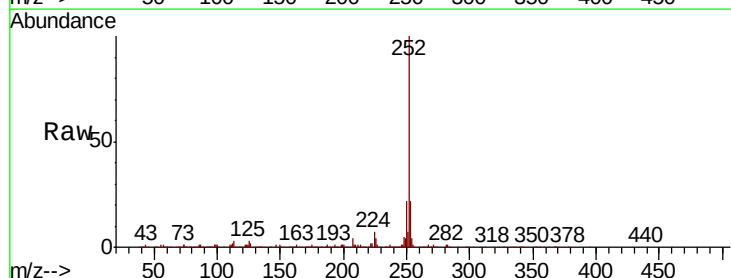
Tgt Ion:252 Resp: 389944

Ion Ratio Lower Upper

252 100

253 21.8 18.6 27.8

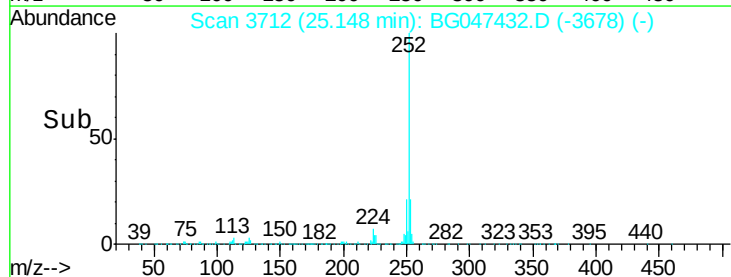
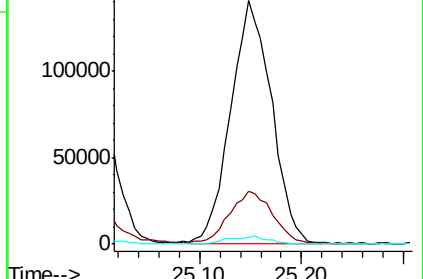
125 2.8 3.1 4.7#

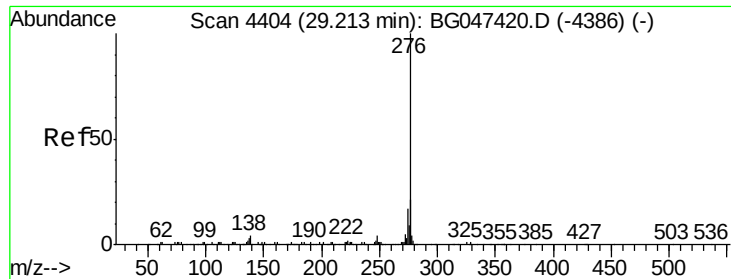


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



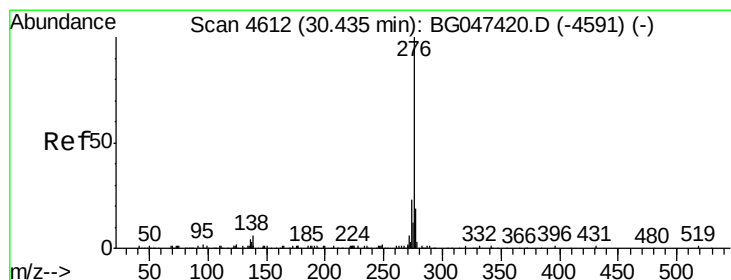
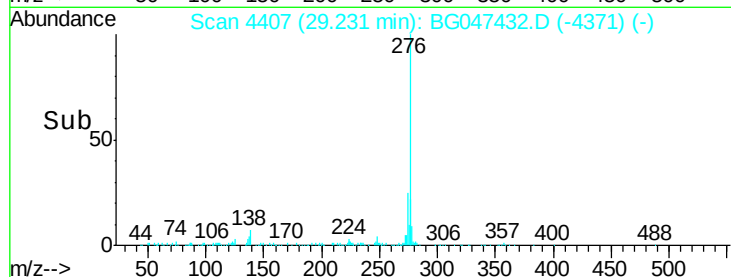
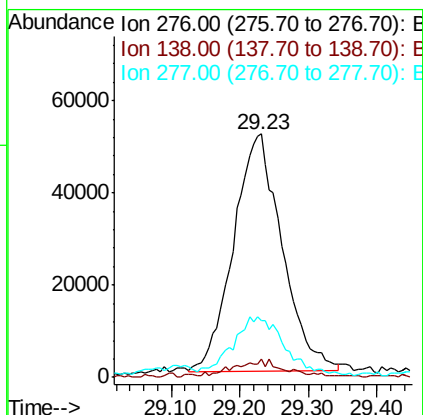
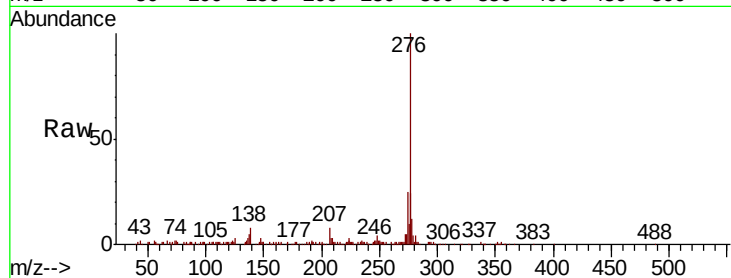


#92

Indeno(1,2,3-cd)pyrene
Concen: 14.786 ng/ul
RT: 29.23 min Scan# 4407
Delta R.T. 0.01 min
Lab File: BG047432.D
Acq: 24 Nov 2020 4:28

Instrument :
BNA_G
ClientSampleId :
C0BF2DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	7.6	5.0	7.6#
277	23.5	16.5	24.7



#94

Benzo(g,h,i)perylene
Concen: 9.735 ng/ul
RT: 30.44 min Scan# 4613
Delta R.T. -0.00 min
Lab File: BG047432.D
Acq: 24 Nov 2020 4:28

Tgt Ion	Ratio	Lower	Upper
276	100		
138	5.3	5.8	8.6#
277	22.7	17.4	26.2

