

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112020\
 Data File : BG047386.D
 Acq On : 20 Nov 2020 22:22
 Operator : CG/JU
 Sample : L4711-20
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0B05

Quant Time: Nov 21 01:31:00 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG111920MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Nov 21 01:27:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.27	152	40174	20.00	ng/ul	0.00
18) Naphthalene-d8	11.10	136	157618	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.88	164	121732	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.62	188	285542	20.00	ng/ul	0.00
78) Chrysene-d12	21.90	240	247599	20.00	ng/ul	0.00
86) Perylene-d12	25.30	264	262418	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.61	96	1268	1.15	ng/uL	0.00
5) Phenol-d5	7.40	99	45806	11.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.58	67	23117	10.06	ng/ul	0.00
9) 2-Chlorophenol-d4	7.80	132	31691	11.73	ng/ul	0.00
13) 4-Methylphenol-d8	8.96	113	36846	11.90	ng/ul	0.00
19) Nitrobenzene-d5	9.44	128	15154	11.64	ng/ul	0.00
22) 2-Nitrophenol-d4	10.17	143	19034	13.40	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.71	165	41173	12.66	ng/ul	0.00
29) 4-Chloroaniline-d4	11.22	131	34047	10.35	ng/ul	0.00
44) Dimethylphthalate-d6	14.27	166	132960	12.72	ng/ul	0.00
47) Acenaphthylene-d8	14.58	160	165532	13.71	ng/ul	0.00
52) 4-Nitrophenol-d4	15.03	143	19996	12.54	ng/ul	0.00
58) Fluorene-d10	15.87	176	127456	13.31	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.97	200	20048	12.33	ng/ul	0.00
71) Anthracene-d10	17.72	188	204076	14.41	ng/ul	0.00
79) Pyrene-d10	19.98	212	215500	14.96	ng/ul	0.00
90) Benzo(a)pyrene-d12	25.07	264	213464	14.13	ng/ul	0.00

Target Compounds

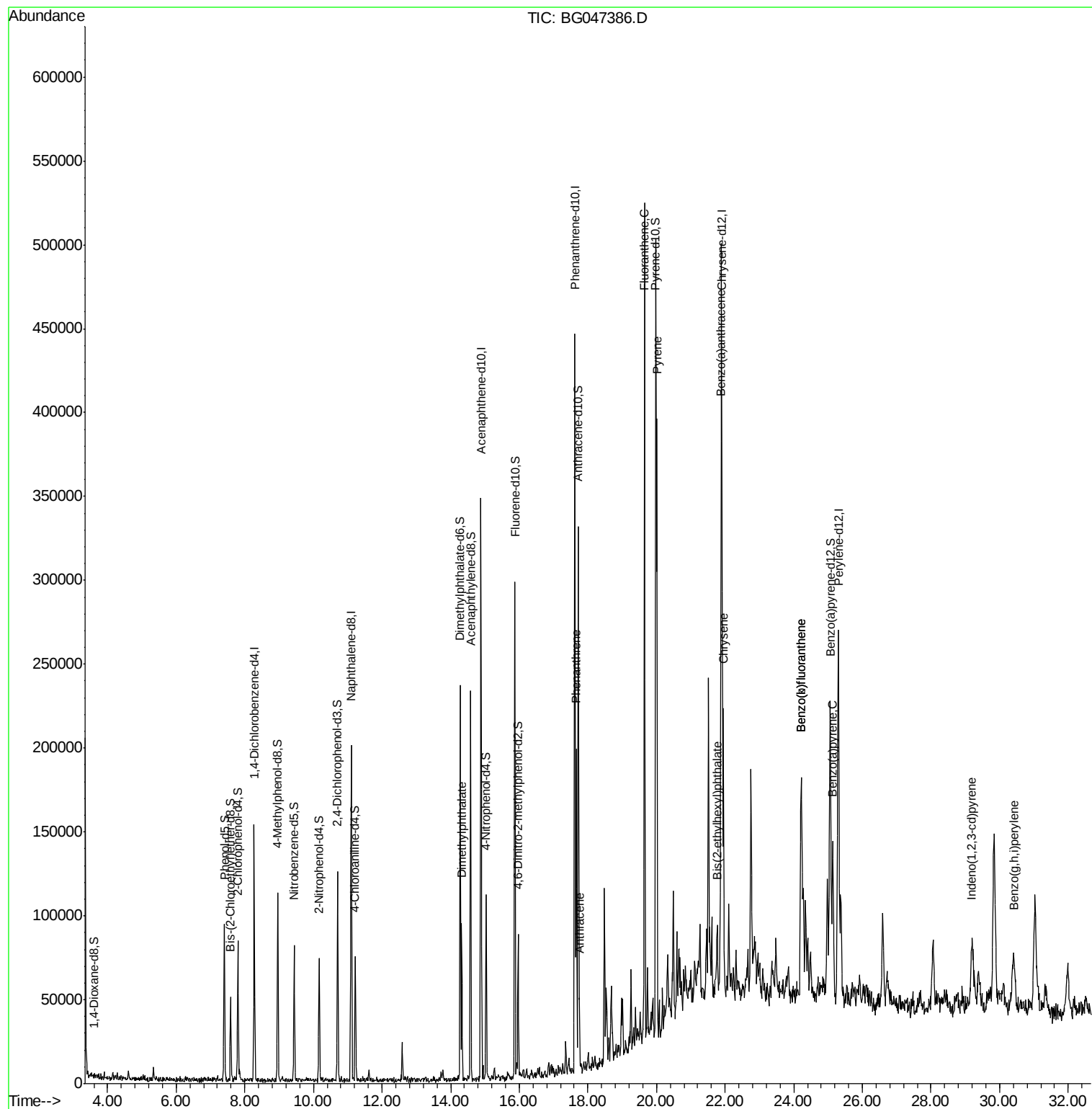
					Ovalue	
45) Dimethylphthalate	14.32	163	54760	5.137	ng/ul#	95
70) Phenanthrene	17.66	178	117512	7.621	ng/ul	98
72) Anthracene	17.75	178	25943	1.671	ng/ul	94
77) Fluoranthene	19.65	202	310574	15.948	ng/ul	100
80) Pyrene	20.01	202	247130	14.091	ng/ul#	97
83) Benzo(a)anthracene	21.88	228	139257	7.905	ng/ul	96
84) Bis(2-ethylhexyl)phthalate	21.78	149	12494	1.455	ng/ul#	92
85) Chrysene	21.95	228	134242	8.007	ng/ul	99
88) Benzo(b)fluoranthene	24.21	252	184874	9.978	ng/ul	93
89) Benzo(k)fluoranthene	24.21	252	184874	10.125	ng/ul	97
91) Benzo(a)pyrene	25.14	252	119120	7.212	ng/ul#	99
92) Indeno(1,2,3-cd)pyrene	29.19	276	36945	1.839	ng/ul#	95
94) Benzo(g,h,i)perylene	30.41	276	18566	1.120	ng/ul#	92

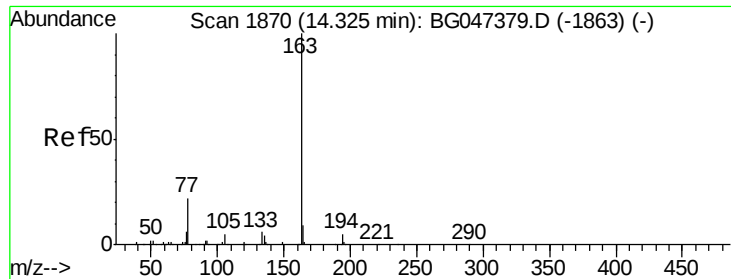
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Nov 21 01:27:02 2020
Response via : Initial Calibration

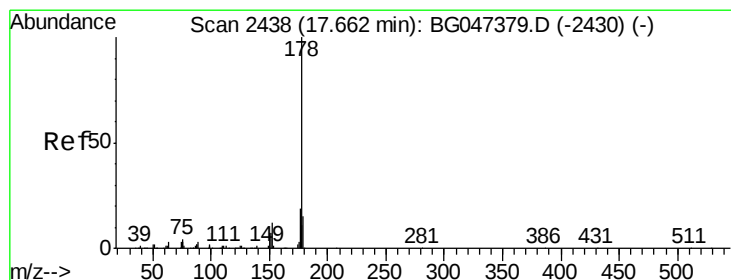
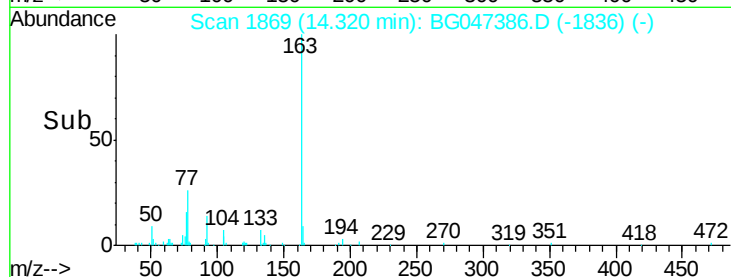
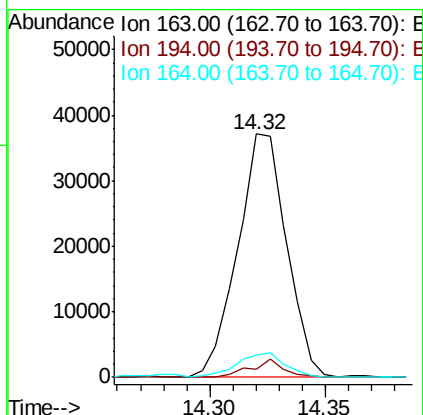
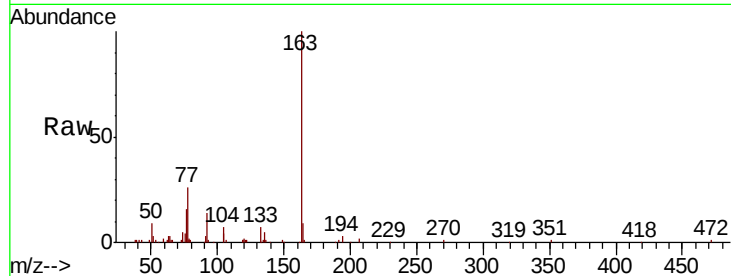




#45
Dimethylphthalate
Concen: 5.137 ng/ul
RT: 14.32 min Scan# 1869
Delta R.T. -0.01 min
Lab File: BG047386.D
Acq: 20 Nov 2020 22:22

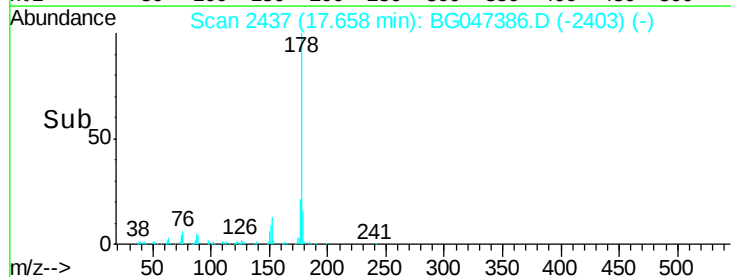
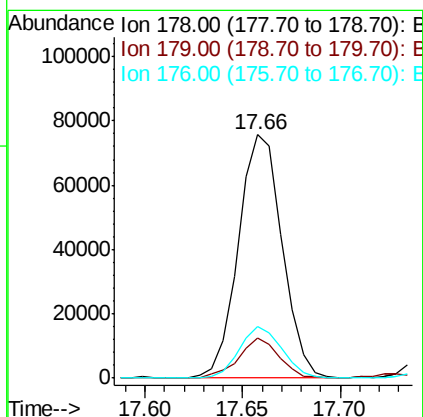
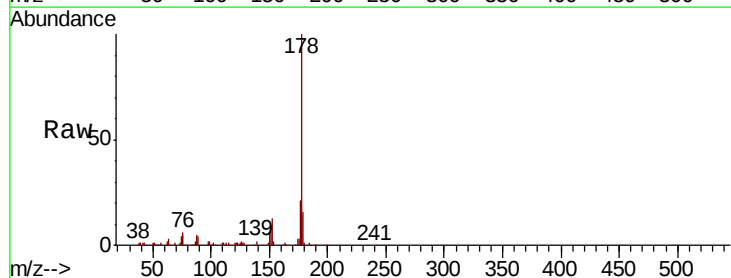
Instrument :
BNA_G
ClientSampleId :
C0B05

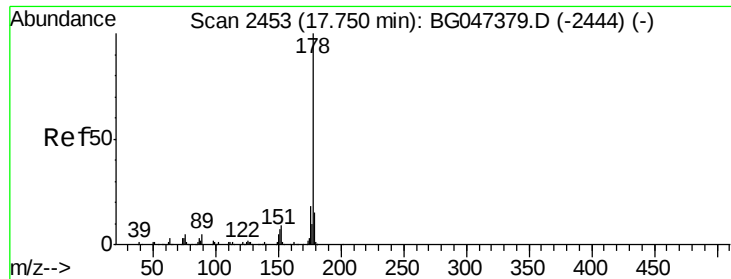
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.4	5.2#
164	8.9	8.8	13.2



#70
Phenanthrene
Concen: 7.621 ng/ul
RT: 17.66 min Scan# 2437
Delta R.T. 0.00 min
Lab File: BG047386.D
Acq: 20 Nov 2020 22:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.8	19.2
176	21.2	15.7	23.5





#72

Anthracene

Concen: 1.671 ng/ul

RT: 17.75 min Scan# 2453

Delta R.T. 0.00 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

Instrument :

BNA_G

ClientSampleId :

C0B05

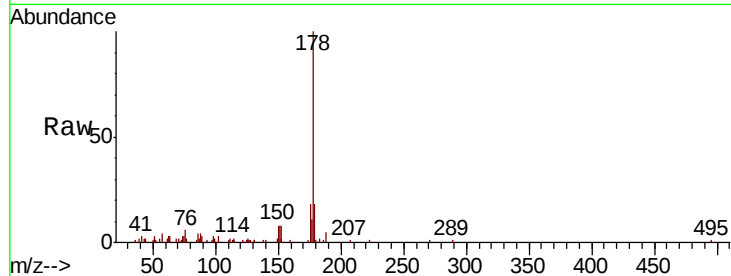
Tot Ion:178 Resp: 25943

Ion Ratio Lower Upper

178 100

179 18.1 12.2 18.2

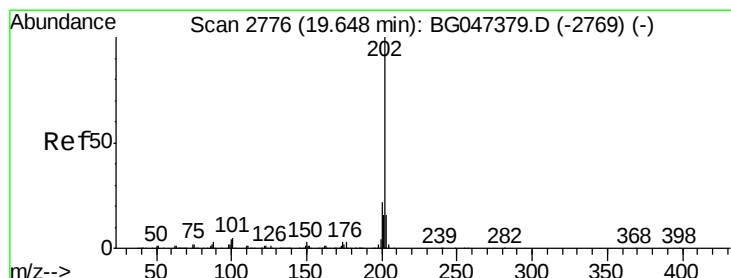
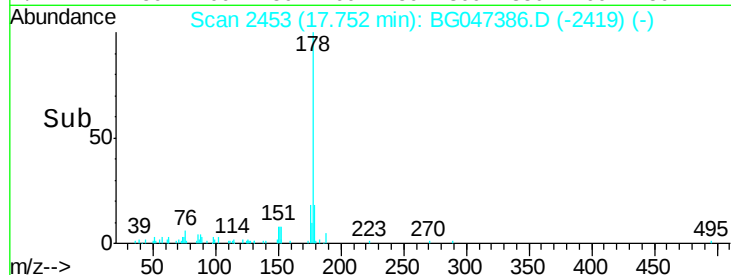
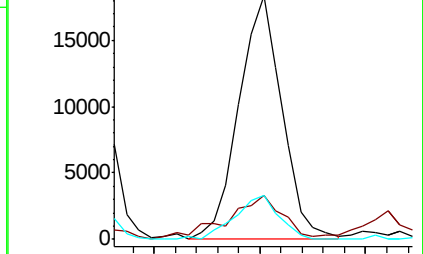
176 18.1 16.2 24.4



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: 15.948 ng/ul

RT: 19.65 min Scan# 2776

Delta R.T. 0.00 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

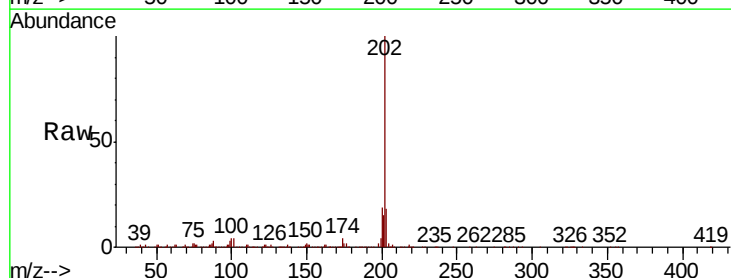
Tgt Ion:202 Resp: 310574

Ion Ratio Lower Upper

202 100

101 4.0 3.3 4.9

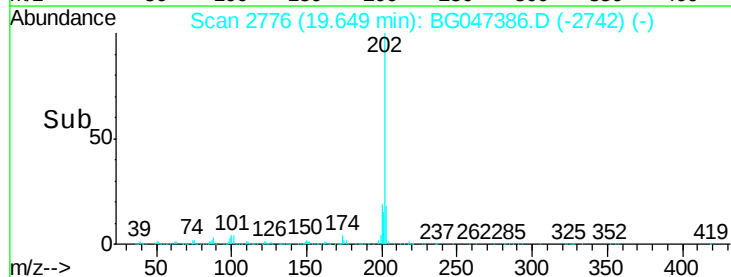
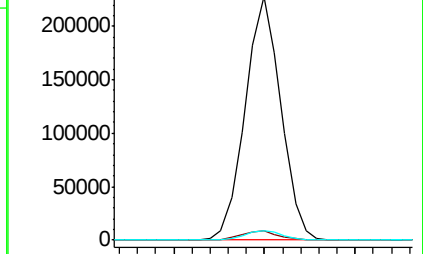
100 3.9 3.4 5.0

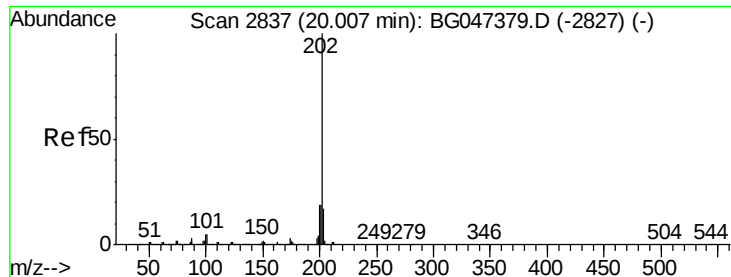


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pvrene

Concen: 14.091 ng/ul

RT: 20.01 min Scan# 2837

Delta R.T. 0.00 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

Instrument :

BNA_G

ClientSampleId :

C0B05

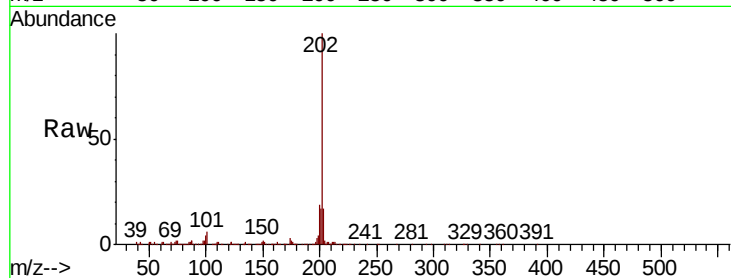
Tot Ion:202 Resp: 247130

Ion Ratio Lower Upper

202 100

101 6.4 5.0 7.4

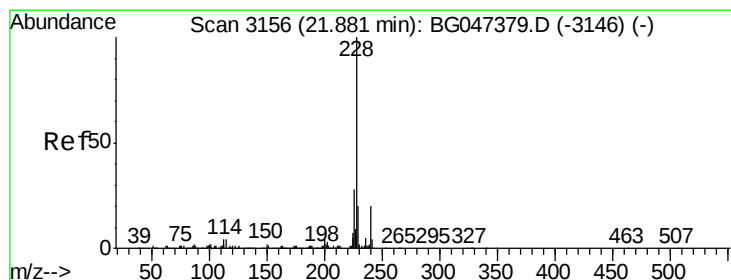
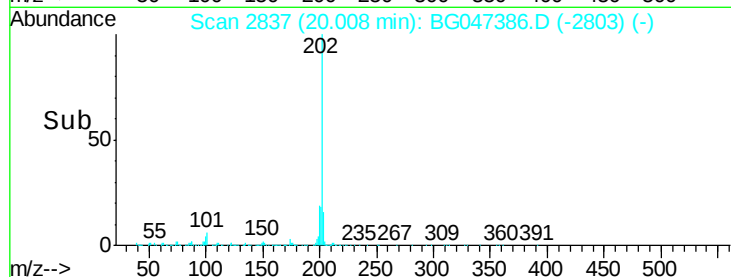
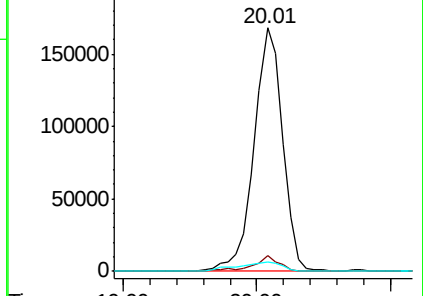
100 3.9 4.6 7.0#



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): E



#83

Benzo(a)anthracene

Concen: 7.905 ng/ul

RT: 21.88 min Scan# 3155

Delta R.T. -0.01 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

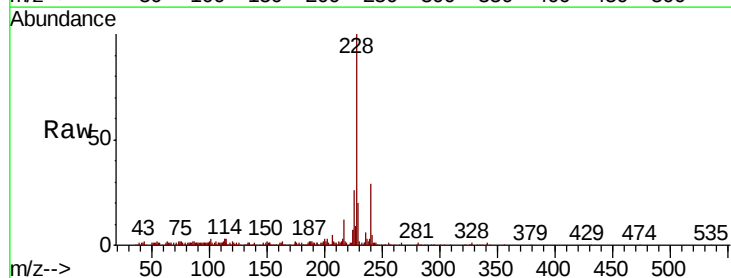
Tgt Ion:228 Resp: 139257

Ion Ratio Lower Upper

228 100

229 20.0 16.2 24.2

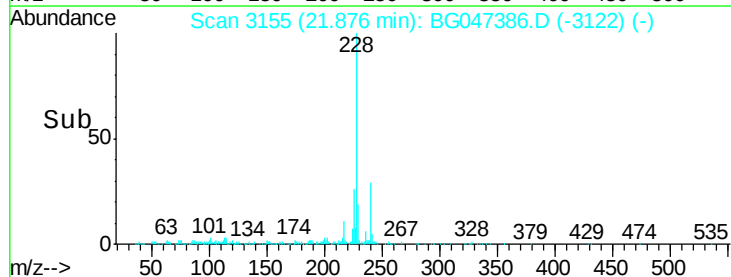
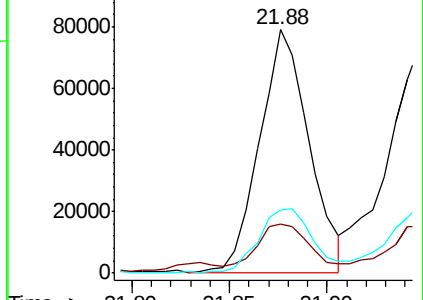
226 26.0 23.3 34.9

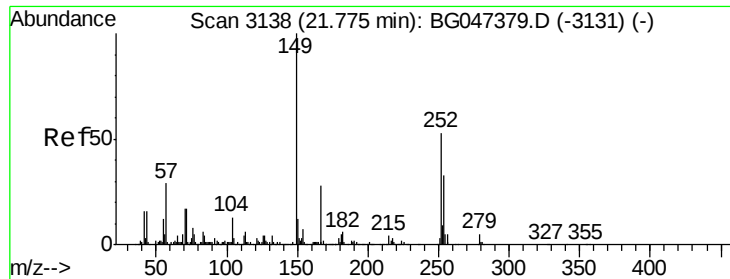


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

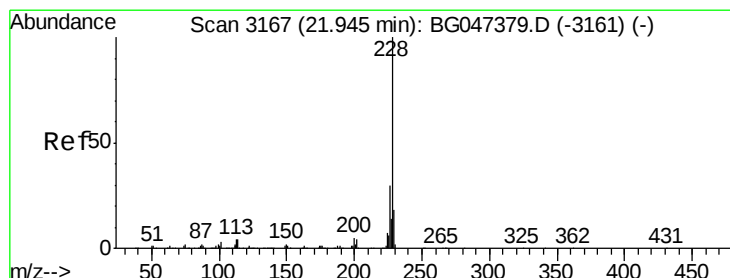
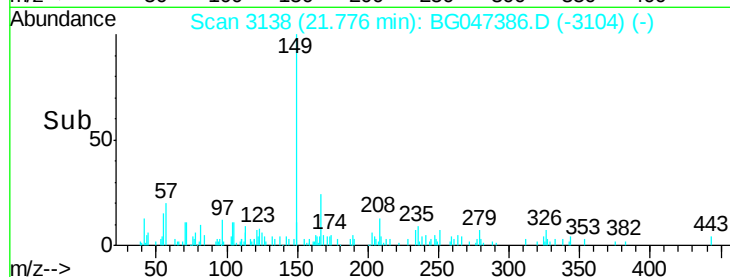
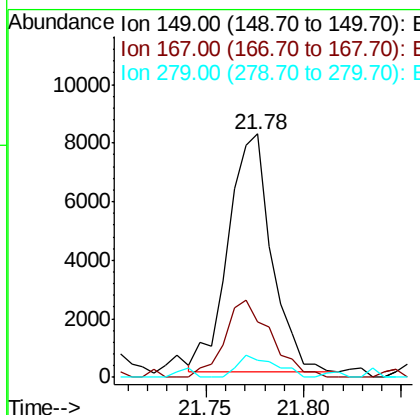
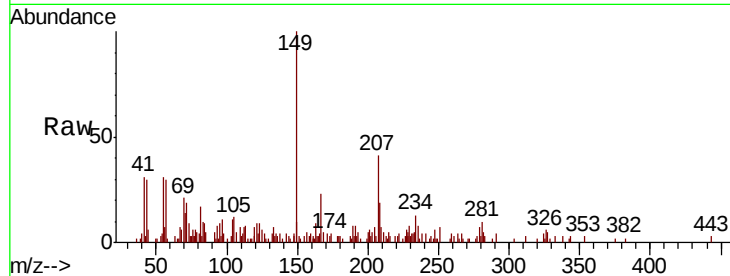




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 1.455 ng/ul
 RT: 21.78 min Scan# 3138
 Delta R.T. 0.00 min
 Lab File: BG047386.D
 Acq: 20 Nov 2020 22:22

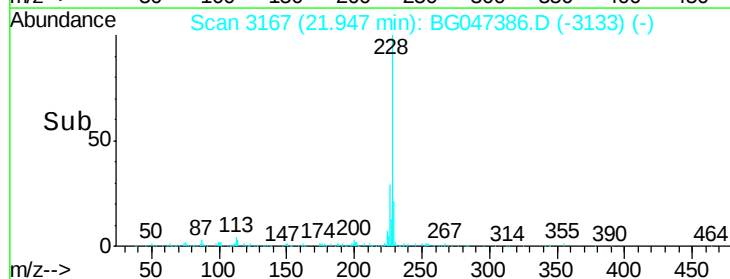
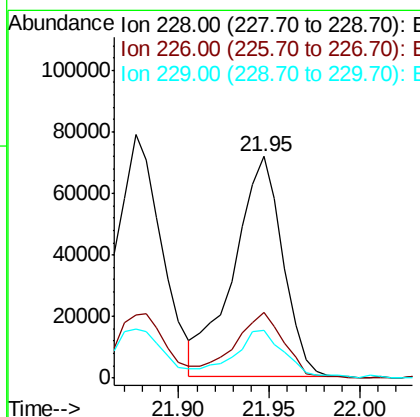
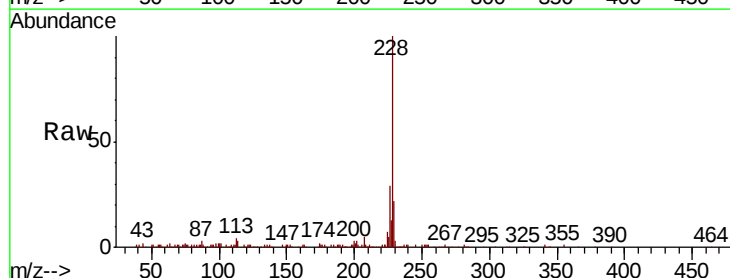
Instrument :
 BNA_G
 ClientSampled :
 C0B05

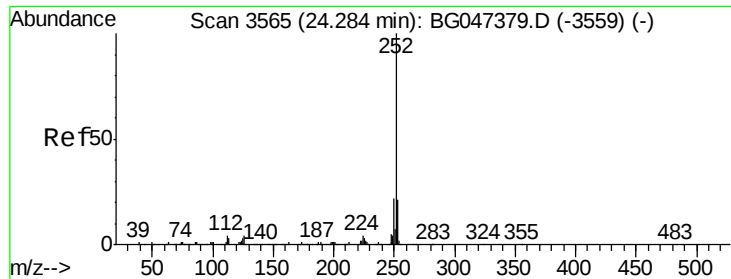
Tot Ion:149 Resp: 12494
 Ion Ratio Lower Upper
 149 100
 167 22.7 21.8 32.8
 279 6.8 4.2 6.2#



#85
 Chrysene
 Concen: 8.007 ng/ul
 RT: 21.95 min Scan# 3167
 Delta R.T. 0.00 min
 Lab File: BG047386.D
 Acq: 20 Nov 2020 22:22

Tgt Ion:228 Resp: 134242
 Ion Ratio Lower Upper
 228 100
 226 29.5 23.8 35.6
 229 21.8 16.3 24.5





#88

Benzo(b)fluoranthene

Concen: 9.978 ng/ul

RT: 24.21 min Scan# 3553

Delta R.T. 0.01 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

Instrument :

BNA_G

ClientSampleId :

C0B05

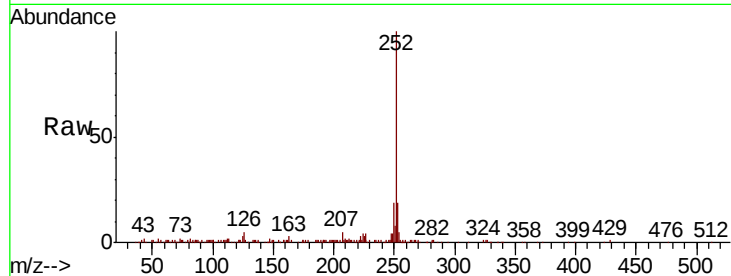
Tot Ion:252 Resp: 184874

Ion Ratio Lower Upper

252 100

253 19.3 18.4 27.6

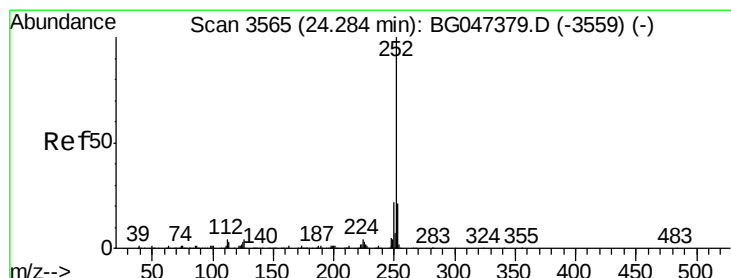
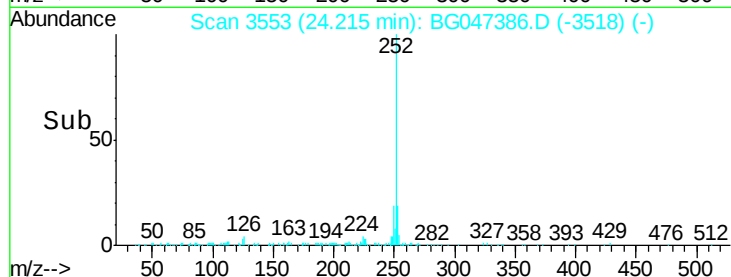
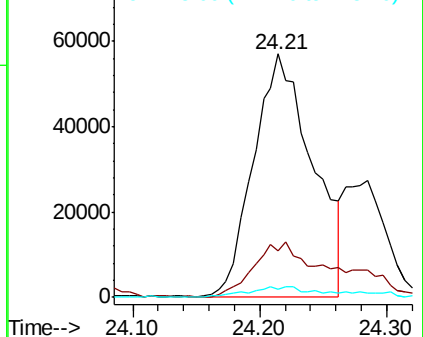
125 3.3 2.5 3.7



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



#89

Benzo(k)fluoranthene

Concen: 10.125 ng/ul

RT: 24.21 min Scan# 3553

Delta R.T. -0.07 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

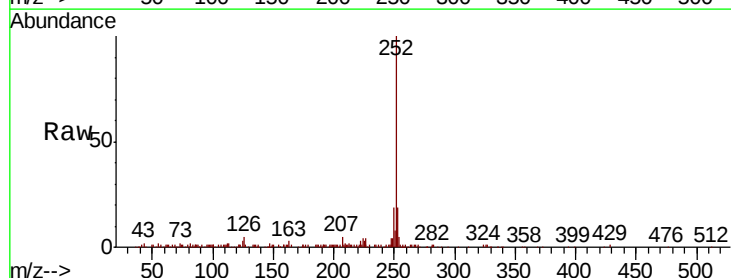
Tgt Ion:252 Resp: 184874

Ion Ratio Lower Upper

252 100

253 19.3 16.7 25.1

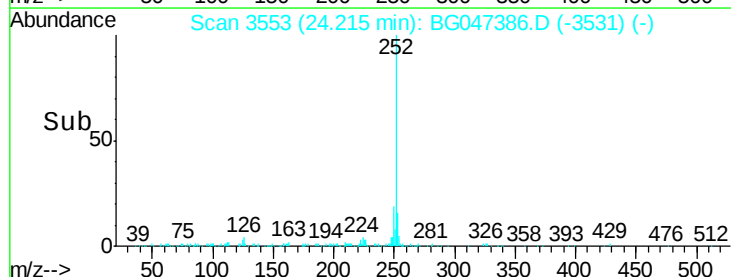
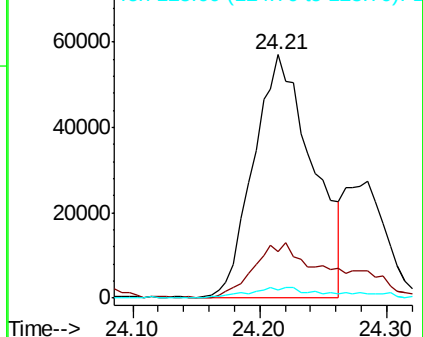
125 3.3 2.6 3.8

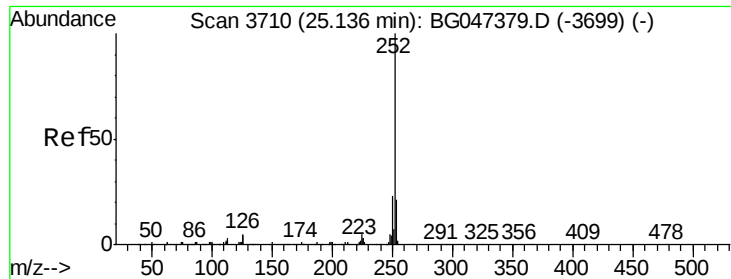


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 7.212 ng/ul

RT: 25.14 min Scan# 3710

Delta R.T. 0.00 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

Instrument :

BNA_G

ClientSampleId :

C0B05

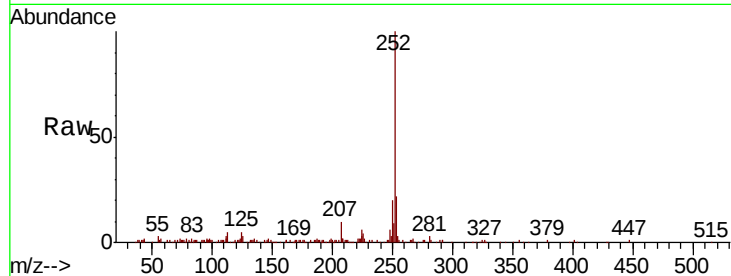
Tot Ion:252 Resp: 119120

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

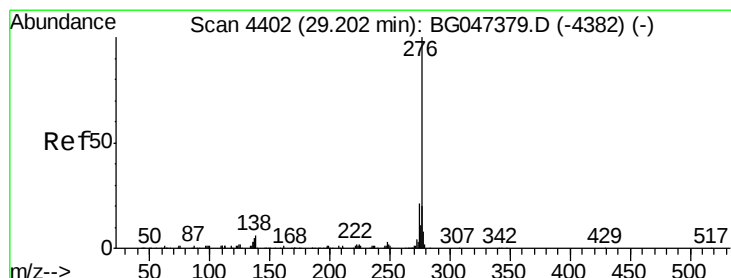
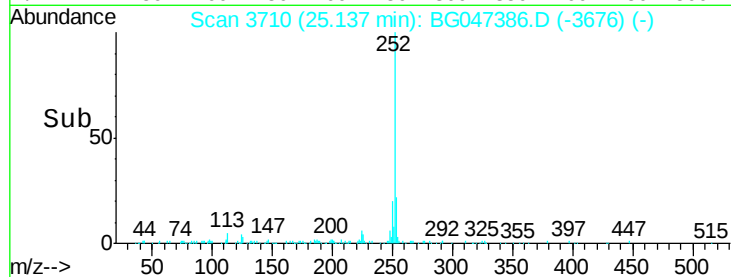
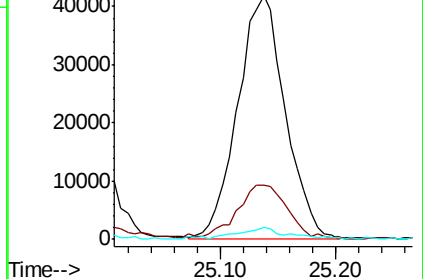
125 4.9 3.1 4.7#



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: 1.839 ng/ul

RT: 29.19 min Scan# 4399

Delta R.T. -0.01 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

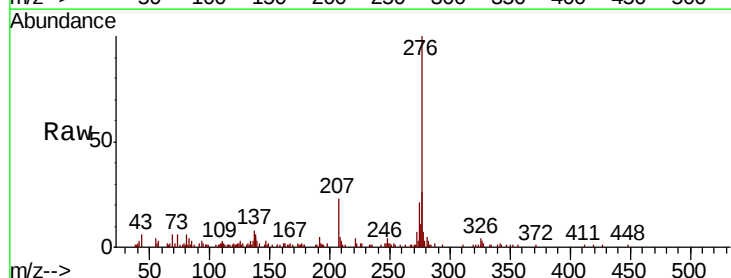
Tgt Ion:276 Resp: 36945

Ion Ratio Lower Upper

276 100

138 13.4 7.5 11.3#

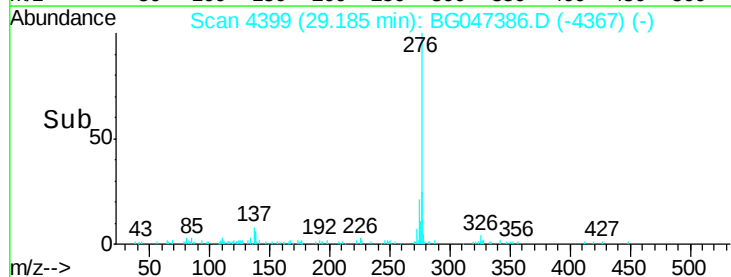
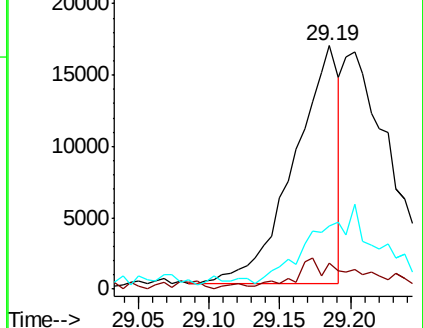
277 26.2 19.9 29.9

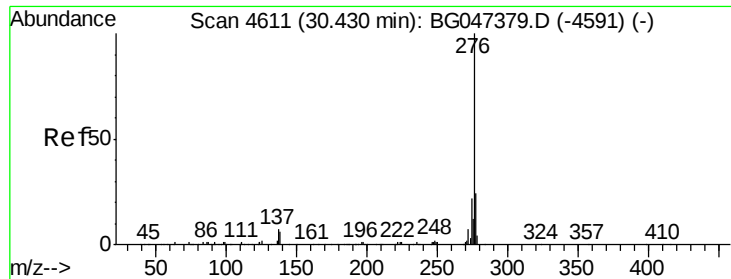


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#94

Benzo(a,h,i)perylene

Concen: 1.120 ng/ul

RT: 30.41 min Scan# 4607

Delta R.T. -0.01 min

Lab File: BG047386.D

Acq: 20 Nov 2020 22:22

Instrument :

BNA_G

ClientSampleId :

C0B05

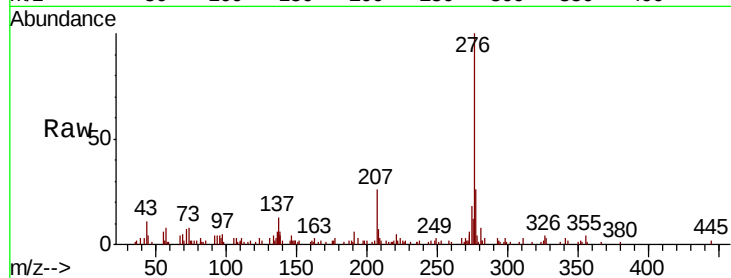
Tot Ion:276 Resp: 18566

Ion Ratio Lower Upper

276 100

138 8.1 8.2 12.2#

277 26.4 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

