

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081320\
 Data File : BM027068.D
 Acq On : 13 Aug 2020 19:27
 Operator : JU/CG
 Sample : L3630-17
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 14 01:25:56 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 13 11:47:07 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	118336	20.00	ng/ul	0.00
18) Naphthalene-d8	10.41	136	447289	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	280265	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	593638	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	610199	20.00	ng/ul	0.00
86) Perylene-d12	23.42	264	622521	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	9957	3.82	ng/uL	0.00
5) Phenol-d5	6.82	99	274684	29.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	181182	28.74	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	214168	29.51	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	205999	28.72	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	101028	28.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	111283	30.29	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	235662	30.52	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	207792	23.15	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	649953	29.08	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	795834	29.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	103578	27.45	ng/ul	0.00
58) Fluorene-d10	15.27	176	591585	30.37	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	76008	23.44	ng/ul	0.00
71) Anthracene-d10	17.12	188	895271	30.61	ng/ul	0.00
79) Pyrene-d10	19.42	212	1027016	33.75	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	1113775	32.05	ng/ul	0.00

Target Compounds

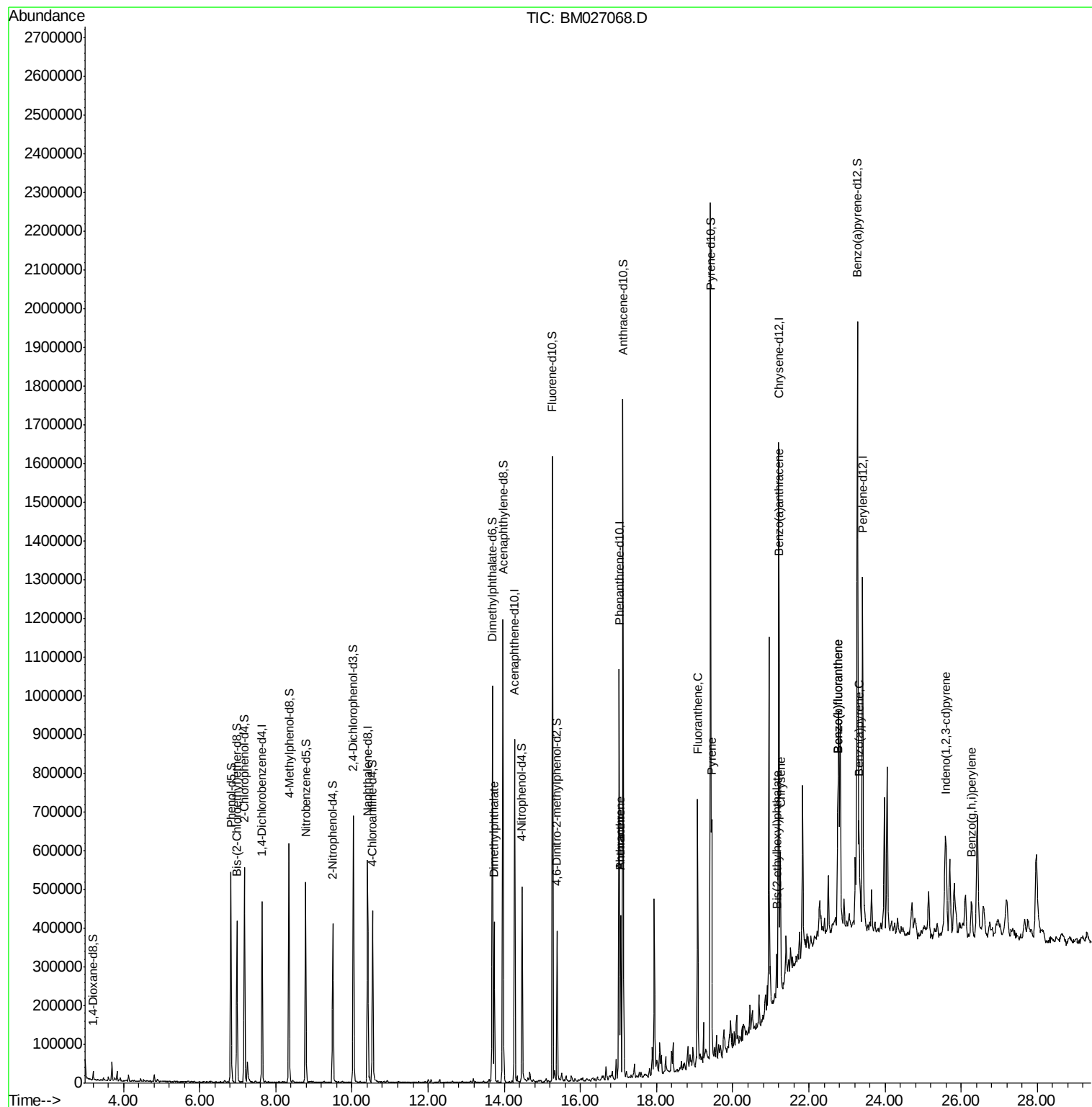
					Ovalue
45) Dimethylphthalate	13.74	163	244441	10.437	ng/ul 98
70) Phenanthrene	17.06	178	241147	6.776	ng/ul 99
72) Anthracene	17.06	178	241147	6.659	ng/ul 100
77) Fluoranthene	19.08	202	390117	9.040	ng/ul 99
80) Pyrene	19.44	202	358860	8.664	ng/ul 99
83) Benzo(a)anthracene	21.20	228	162703	3.961	ng/ul 94
84) Bis(2-ethylhexyl)phthalate	21.16	149	39865	1.733	ng/ul 97
85) Chrysene	21.25	228	202496	5.022	ng/ul 96
88) Benzo(b)fluoranthene	22.76	252	276024	6.385	ng/ul 96
89) Benzo(k)fluoranthene	22.76	252	276024	6.443	ng/ul 95
91) Benzo(a)pyrene	23.32	252	178733	4.543	ng/ul 96
92) Indeno(1,2,3-cd)pyrene	25.60	276	136880	2.700	ng/ul 96
94) Benzo(g,h,i)perylene	26.27	276	108880	2.600	ng/ul 95

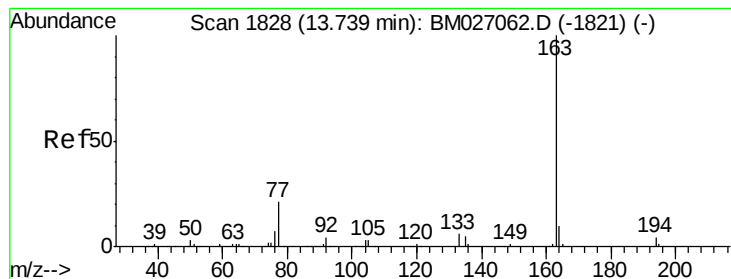
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Aug 13 11:47:07 2020
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 10.437 ng/ul

RT: 13.74 min Scan# 1828

Delta R.T. 0.01 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

Instrument :

BNA_M

ClientSampleId :

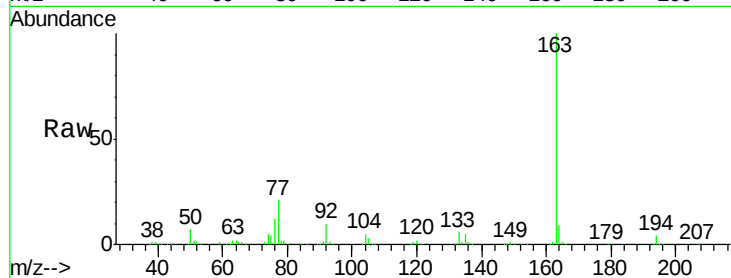
Tot Ion:163 Resp: 244441

Ion Ratio Lower Upper

163 100

194 4.3 3.2 4.8

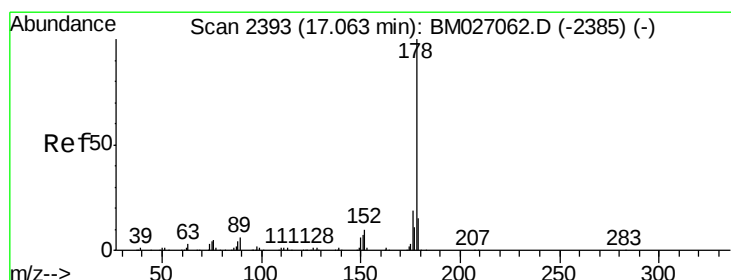
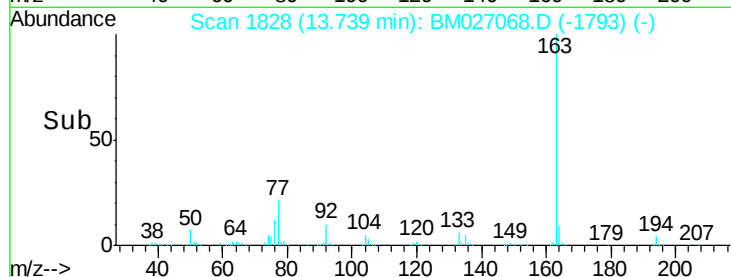
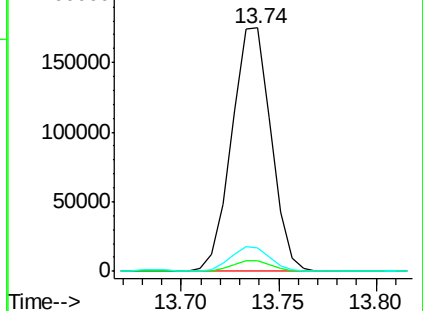
164 9.4 8.2 12.2



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: 6.776 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. 0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

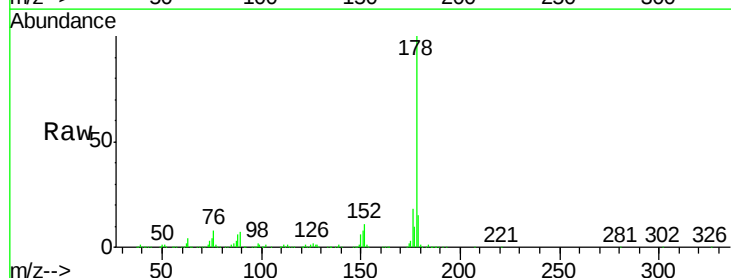
Tgt Ion:178 Resp: 241147

Ion Ratio Lower Upper

178 100

179 14.8 11.9 17.9

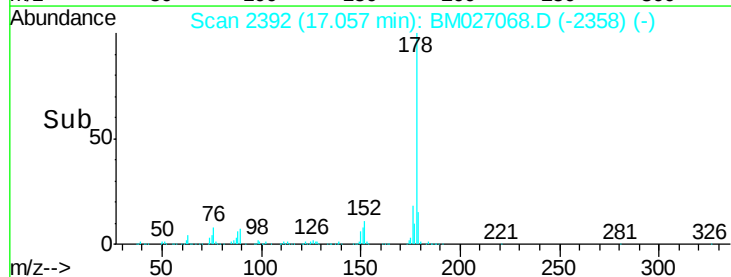
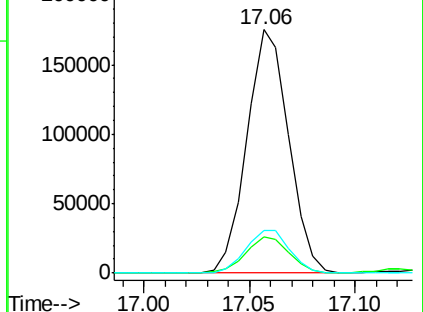
176 17.7 14.6 22.0

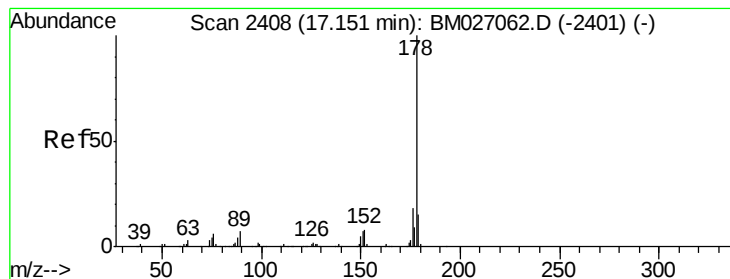


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 6.659 ng/ul

RT: 17.06 min Scan# 2392

Delta R.T. -0.09 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

Instrument :

BNA_M

ClientSampleId :

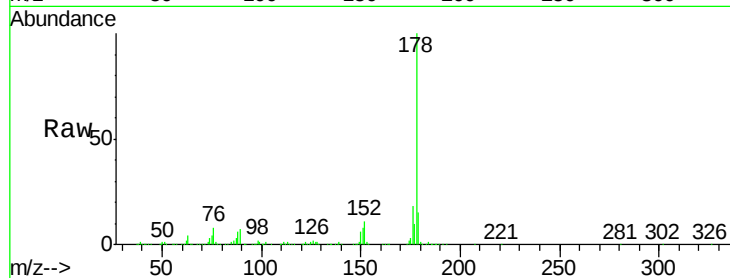
Tot Ion:178 Resp: 241147

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.0	18.0
176	17.7	14.3	21.5

178 100

179 14.8 12.0 18.0

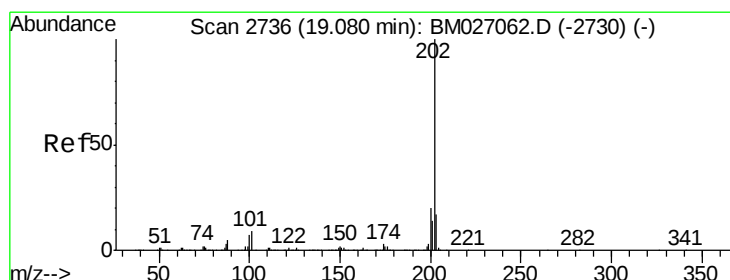
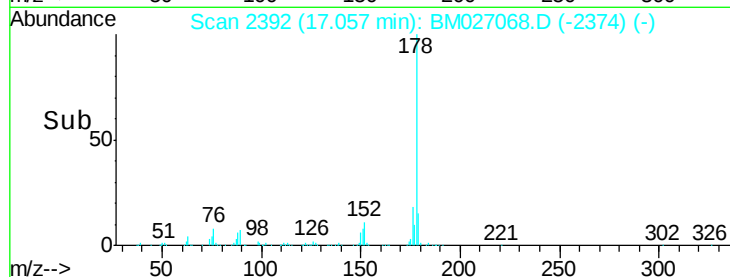
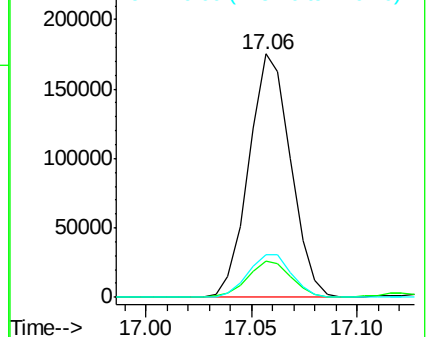
176 17.7 14.3 21.5



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: 9.040 ng/ul

RT: 19.08 min Scan# 2736

Delta R.T. 0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

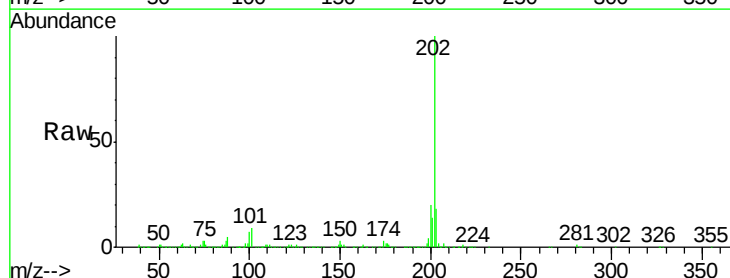
Tgt Ion:202 Resp: 390117

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.7	10.1
100	7.1	5.4	8.2

202 100

101 8.6 6.7 10.1

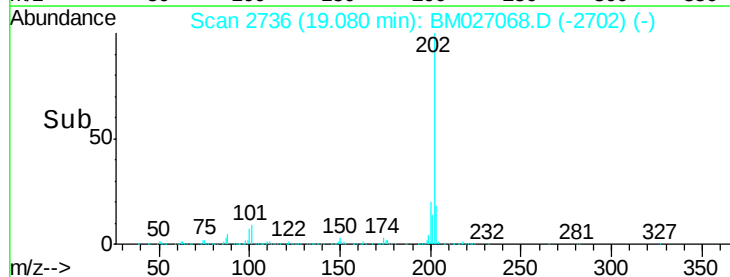
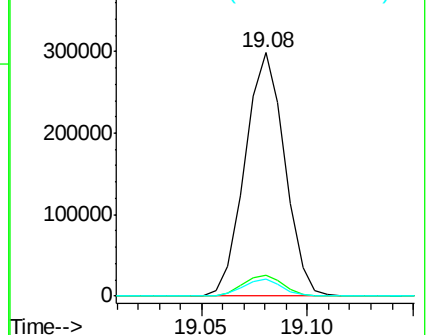
100 7.1 5.4 8.2

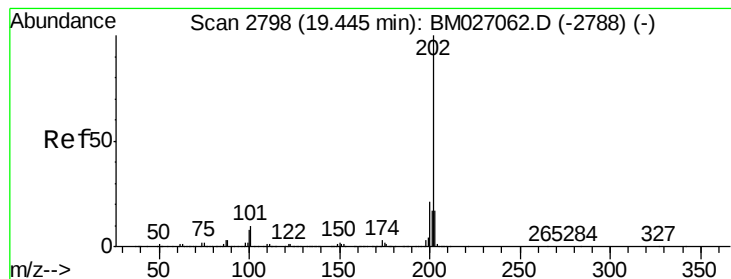


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Pvrene

Concen: 8.664 ng/ul

RT: 19.44 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

Instrument :

BNA_M

ClientSampleId :

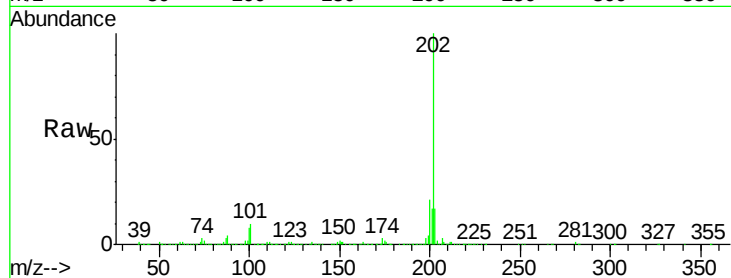
Tot Ion:202 Resp: 358860

Ion Ratio Lower Upper

202 100

101 10.0 7.6 11.4

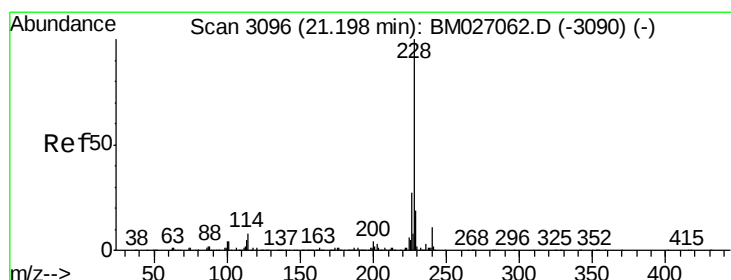
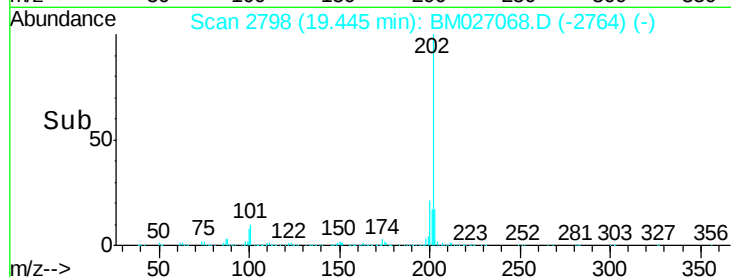
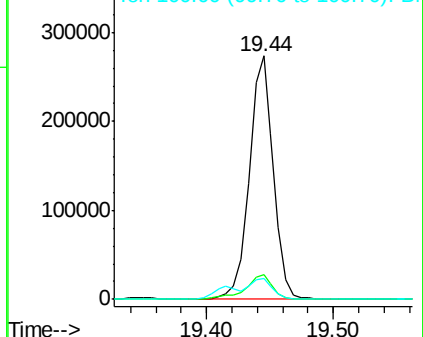
100 8.4 6.3 9.5



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: 3.961 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

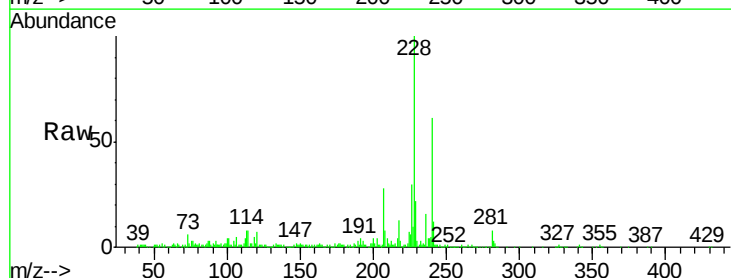
Tgt Ion:228 Resp: 162703

Ion Ratio Lower Upper

228 100

229 22.2 15.8 23.6

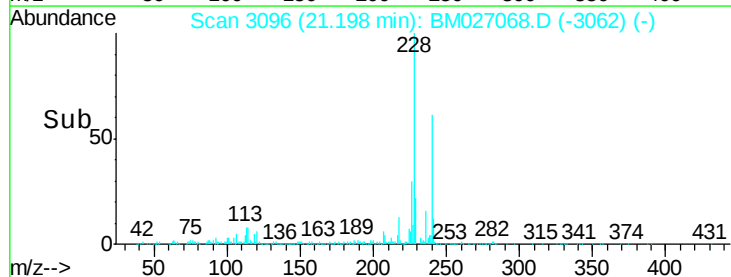
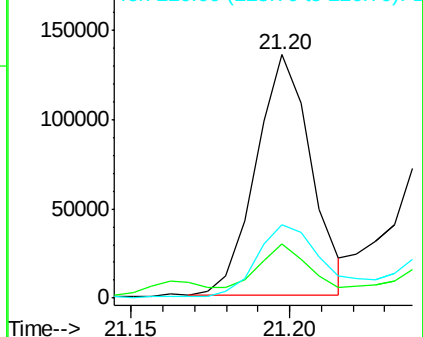
226 29.9 21.2 31.8

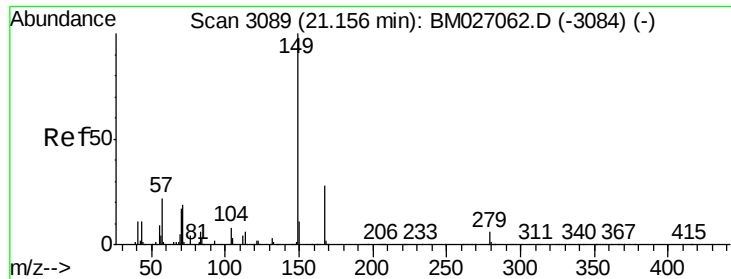


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 1.733 ng/ul

RT: 21.16 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

Instrument :

BNA_M

ClientSampled :

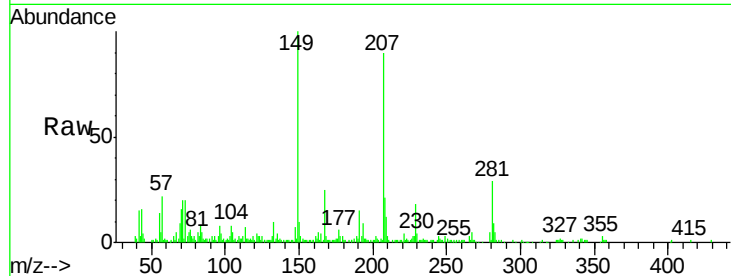
Tot Ion:149 Resp: 39865

Ion Ratio Lower Upper

149 100

167 25.4 21.6 32.4

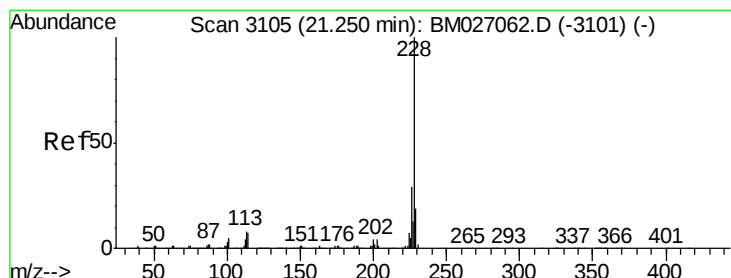
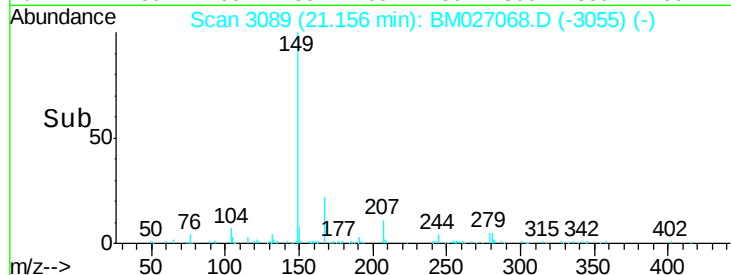
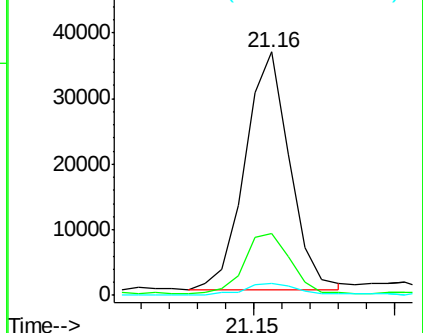
279 5.1 3.9 5.9



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: 5.022 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

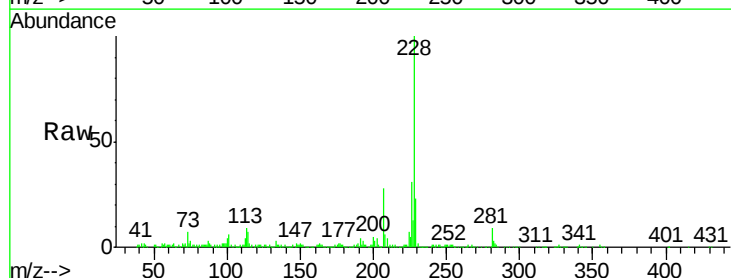
Tgt Ion:228 Resp: 202496

Ion Ratio Lower Upper

228 100

226 31.2 23.8 35.6

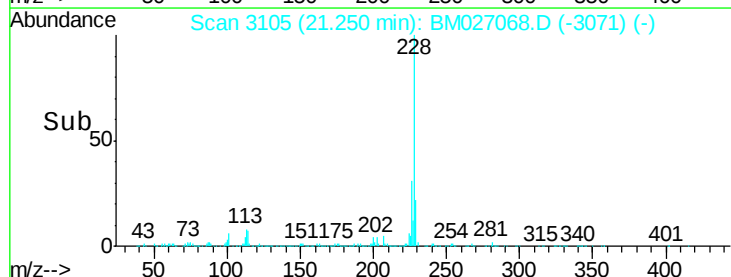
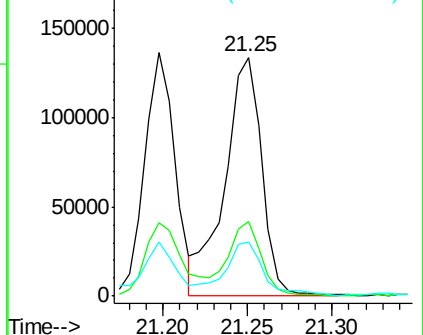
229 22.5 15.8 23.8

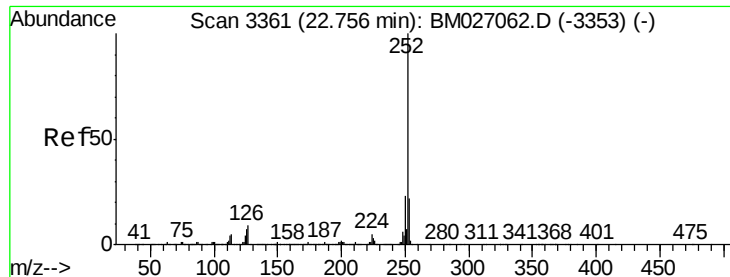


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 6.385 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. 0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

Instrument :

BNA_M

ClientSampleId :

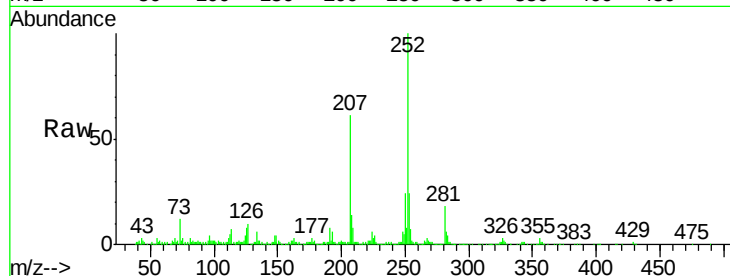
Tot Ion:252 Resp: 276024

Ion Ratio Lower Upper

252 100

253 23.9 17.6 26.4

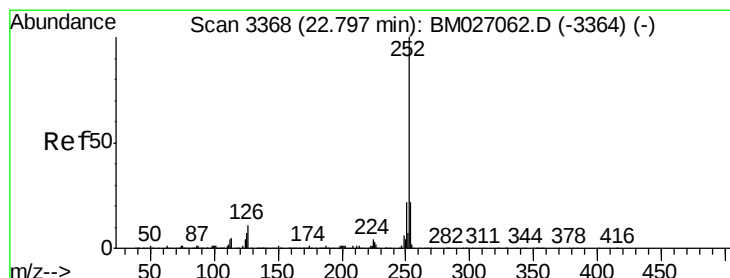
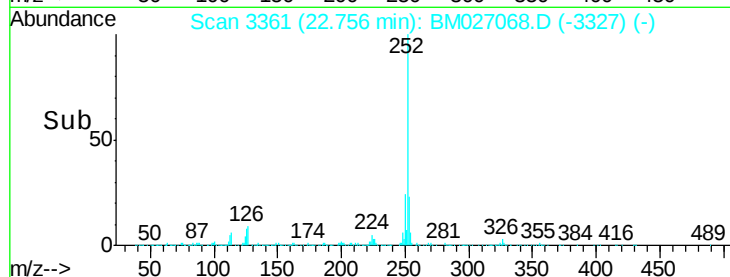
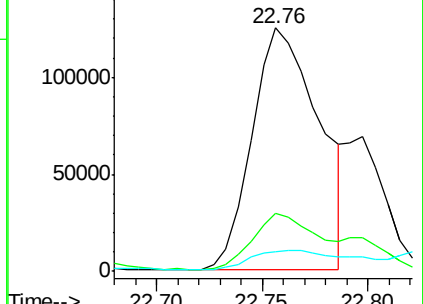
125 8.2 6.0 9.0



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: 6.443 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. -0.04 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

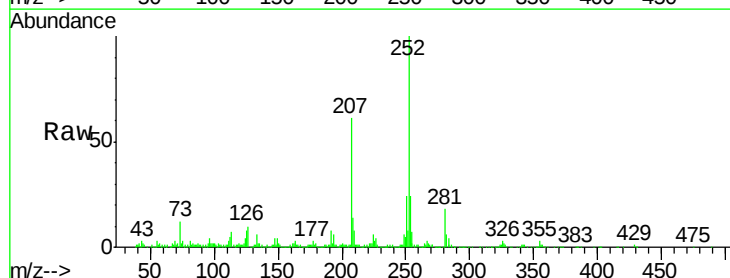
Tgt Ion:252 Resp: 276024

Ion Ratio Lower Upper

252 100

253 23.9 17.2 25.8

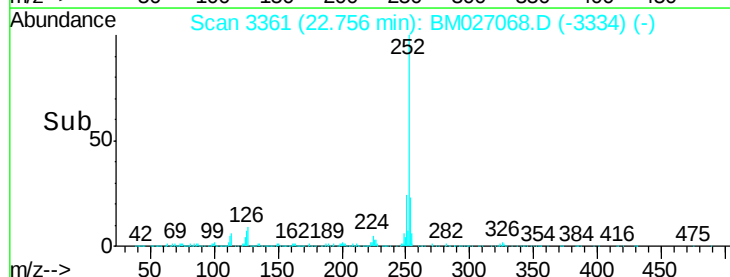
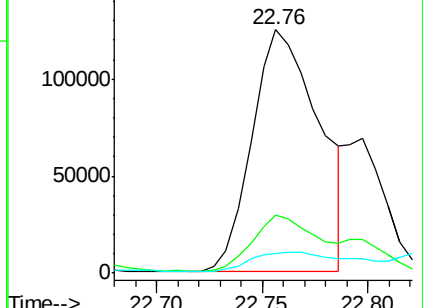
125 8.2 5.5 8.3

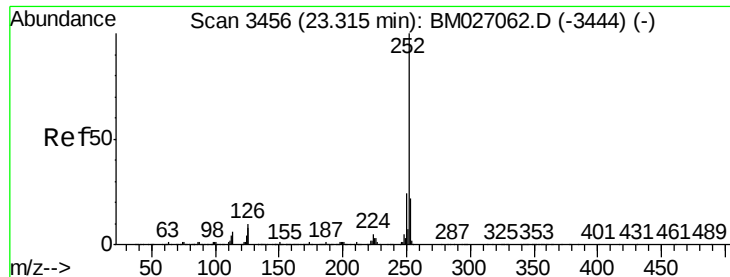


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Benzo(a)pyrene

Concen: 4.543 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. -0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

Instrument :

BNA_M

ClientSampled :

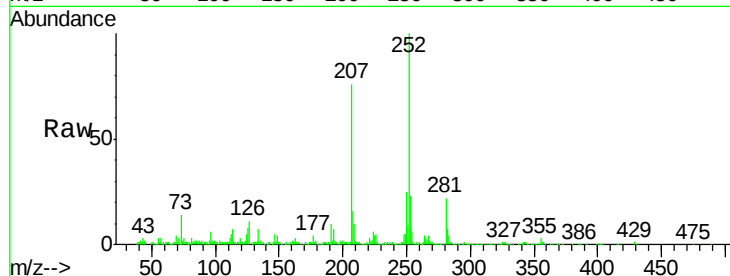
Tot Ion:252 Resp: 178733

Ion Ratio Lower Upper

252 100

253 23.3 17.0 25.4

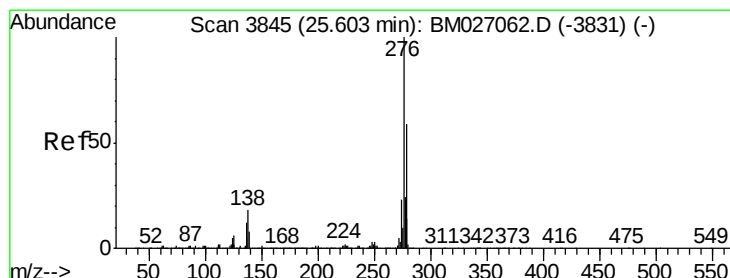
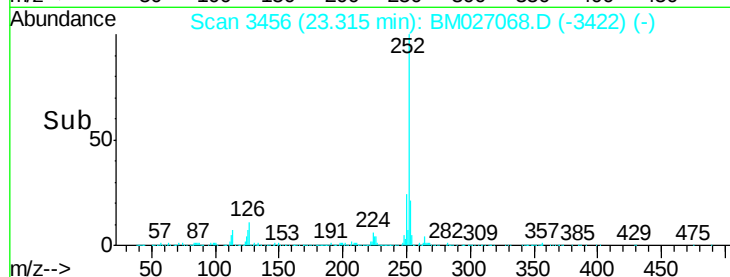
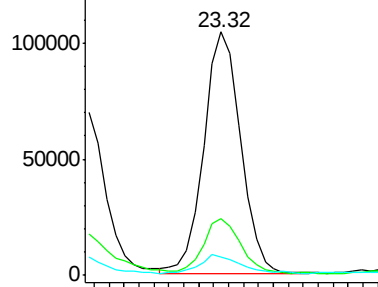
125 7.8 5.8 8.8



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 2.700 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.00 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

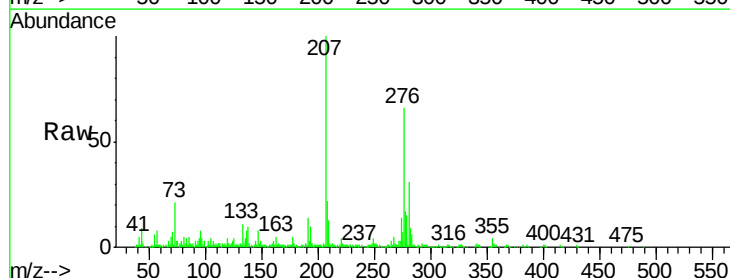
Tgt Ion:276 Resp: 136880

Ion Ratio Lower Upper

276 100

138 14.5 13.9 20.9

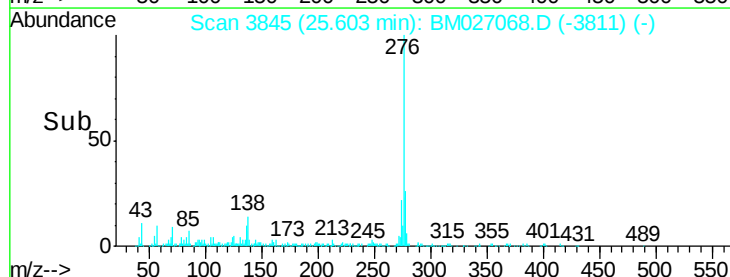
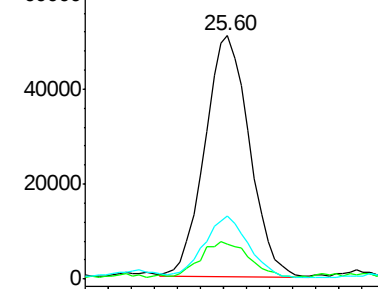
277 26.2 19.8 29.8

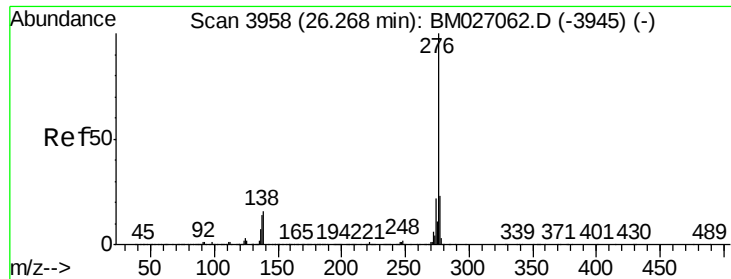


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.600 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BM027068.D

Acq: 13 Aug 2020 19:27

Instrument :

BNA_M

ClientSampleId :

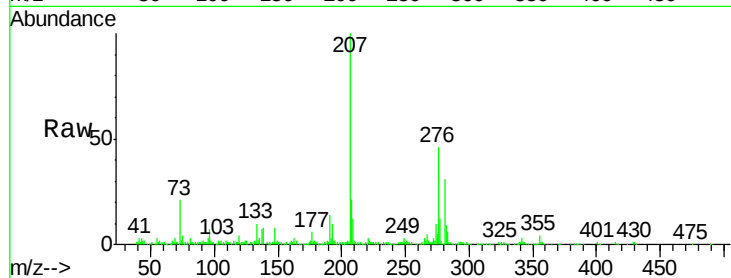
Tot Ion:276 Resp: 108880

Ion Ratio Lower Upper

276 100

138 18.1 12.3 18.5

277 26.2 19.0 28.6



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

