

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
 Data File : BM020935.D
 Acq On : 13 Jun 2019 19:15
 Operator : HP/JU
 Sample : PB120355BL
 Misc : GCMS CONFIRMATION
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jun 14 02:29:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 09 01:02:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ng/ul	-7.81
18) Naphthalene-d8	0.00	136	0	0.00	ng/ul	-10.60
35) Acenaphthene-d10	0.00	164	0	0.00	ng/ul	-14.45
61) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-17.19
77) Chrysene-d12	21.37	240	1731	20.00	ng/ul	0.00
85) Perylene-d12	23.65	264	703	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	389	0.00	ng/uL	0.00
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
46) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	0.00	176	0	0.00	ng/ul	
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	0.00	188	0	0.00	ng/ul	
78) Pyrene-d10	19.58	212	943	11.27	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	342	10.70	ng/ul	-0.01

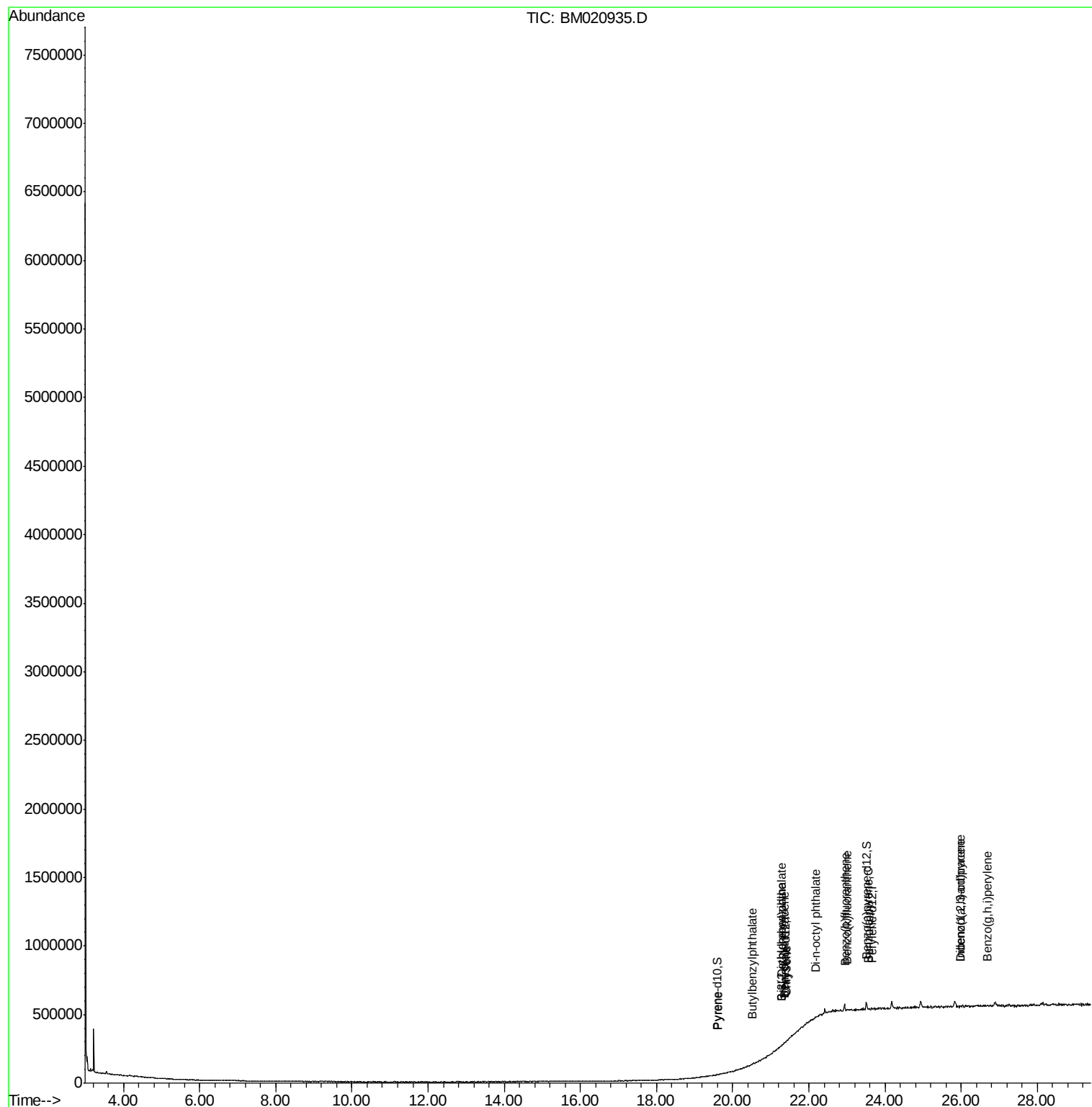
Target Compounds				Ovalue		
79) Pvrene	19.62	202	663	6.205	ng/ul#	71
80) Butylbenzylphthalate	20.50	149	326	7.486	ng/ul#	66
81) 3,3'-Dichlorobenzidine	21.30	252	645	16.811	ng/ul#	13
82) Benzo(a)anthracene	21.35	228	661	6.121	ng/ul#	52
83) Bis(2-ethylhexyl)phthalate	21.27	149	358	4.874	ng/ul#	93
84) Chrysene	21.40	228	1161	11.587	ng/ul#	44
86) Di-n-octyl phthalate	22.19	149	306	7.343	ng/ul	100
87) Benzo(b)fluoranthene	22.97	252	1084	26.506	ng/ul#	1
88) Benzo(k)fluoranthene	23.00	252	915	23.408	ng/ul#	1
90) Benzo(a)pyrene	23.55	252	232	5.963	ng/ul#	1
91) Indeno(1,2,3-cd)pyrene	25.97	276	989	21.522	ng/ul#	58
92) Dibenzo(a,h)anthracene	25.99	278	601	15.435	ng/ul#	33
93) Benzo(g,h,i)perylene	26.67	276	1444	38.732	ng/ul#	53

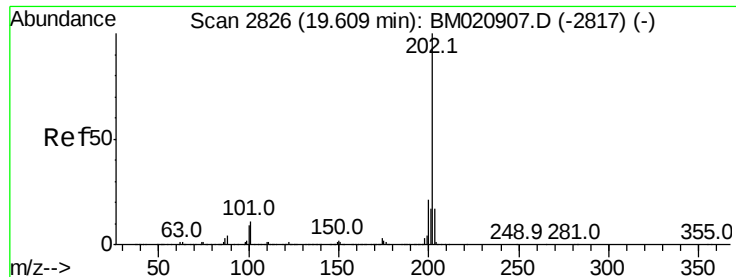
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061319\
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Quant Title : SVOA CALIBRATION
QLast Update : Sun Jun 09 01:02:58 2019
Response via : Initial Calibration





#79

Pvrene

Concen: 6.205 ng/ul

RT: 19.62 min Scan# 2827

Delta R.T. 0.00 min

Lab File: BM020935.D

Acq: 13 Jun 2019 19:15

Instrument :

BNA_M

ClientSampleId :

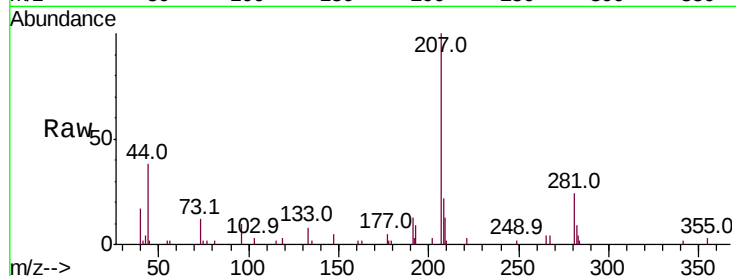
Tot Ion:202 Resp: 663

Ion Ratio Lower Upper

202 100

101 0.0 9.8 14.6#

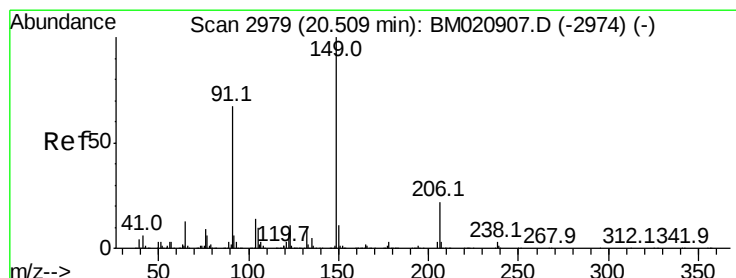
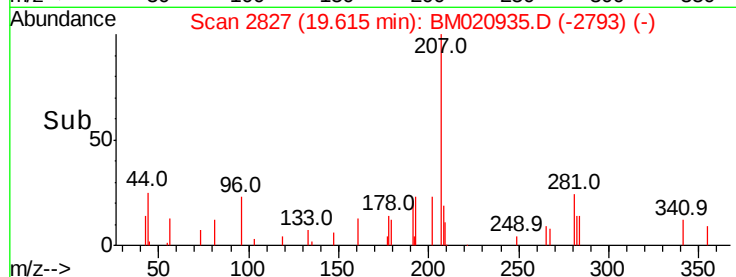
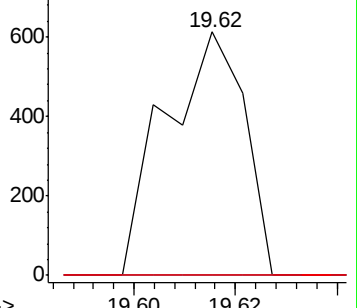
100 0.0 8.0 12.0#



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



#80

Butylbenzylphthalate

Concen: 7.486 ng/ul

RT: 20.50 min Scan# 2977

Delta R.T. -0.01 min

Lab File: BM020935.D

Acq: 13 Jun 2019 19:15

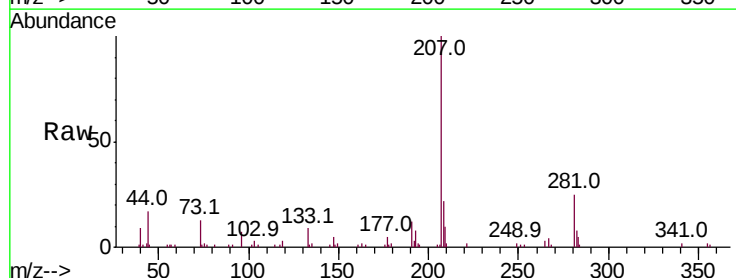
Tgt Ion:149 Resp: 326

Ion Ratio Lower Upper

149 100

91 76.1 55.8 83.6

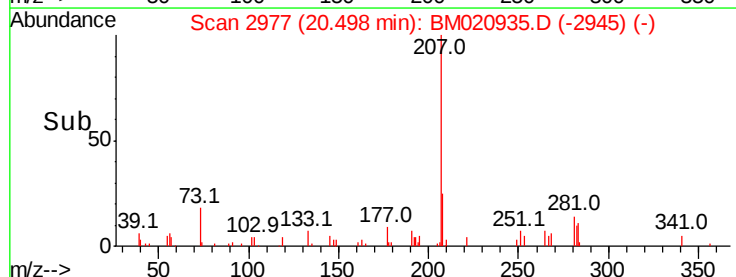
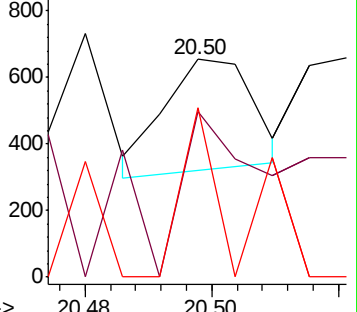
206 78.1 16.2 24.4#

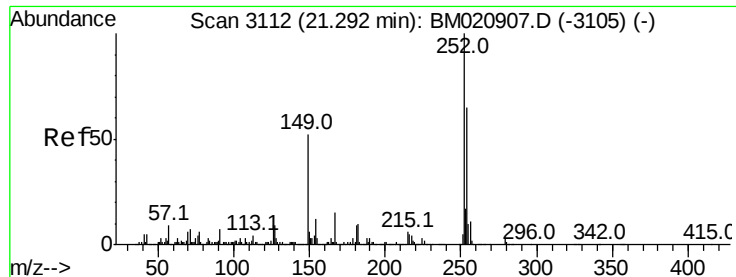


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E

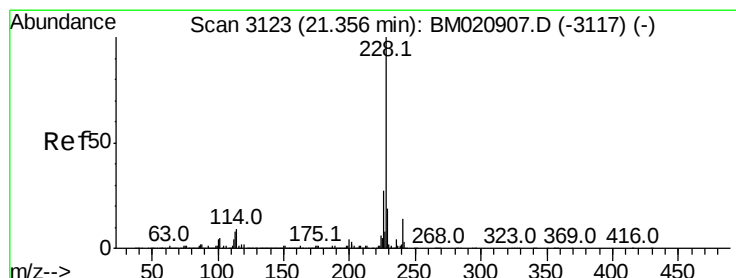
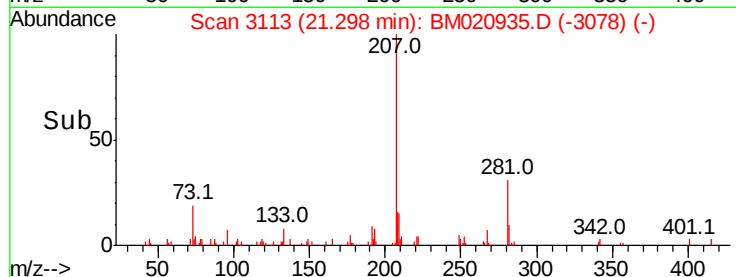
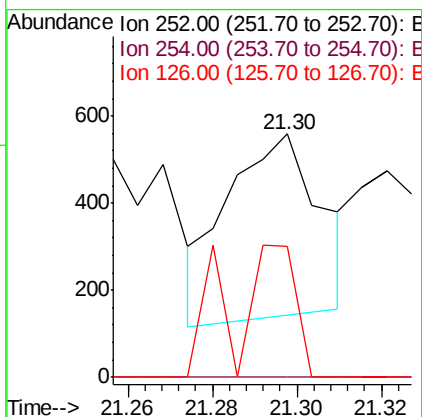
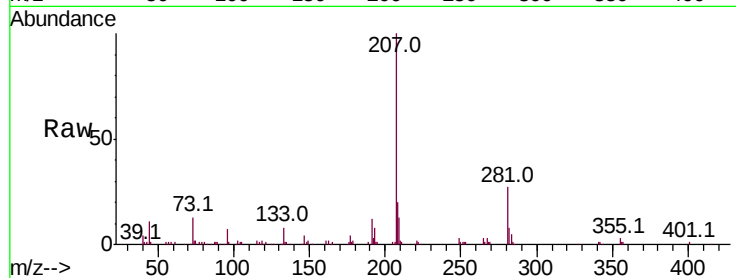




#81
 3,3'-Dichlorobenzidine
 Concen: 16.811 ng/ul
 RT: 21.30 min Scan# 3113
 Delta R.T. 0.01 min
 Lab File: BM020935.D
 Acq: 13 Jun 2019 19:15

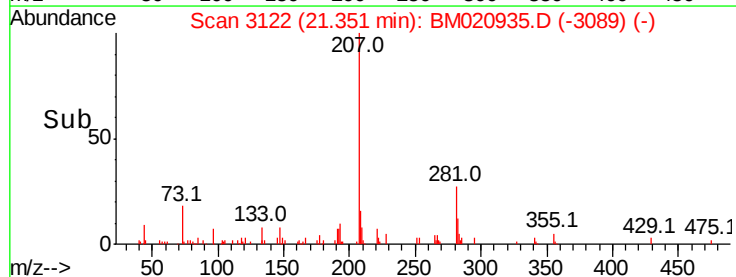
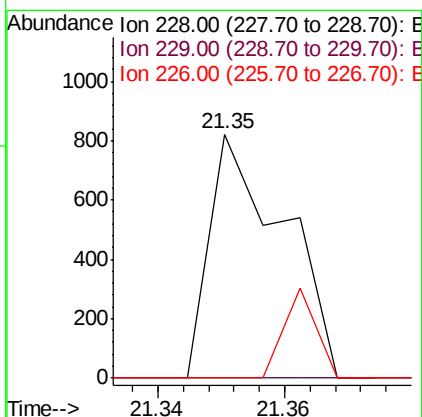
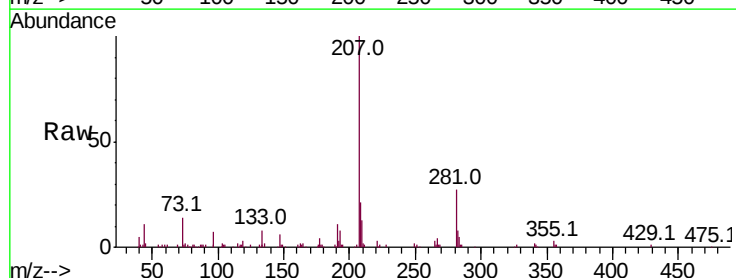
Instrument :
 BNA_M
 ClientSampleId :

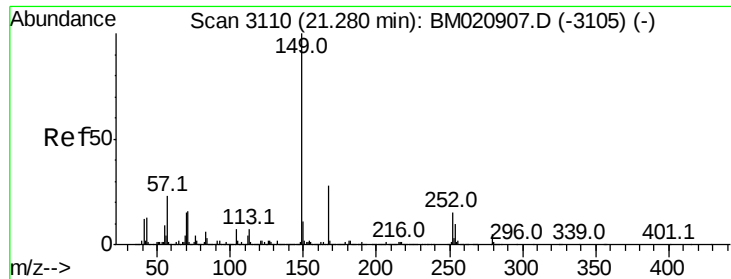
Tot Ion:252 Resp: 645
 Ion Ratio Lower Upper
 252 100
 254 0.0 51.0 76.6#
 126 54.0 7.4 11.2#



#82
 Benzo(a)anthracene
 Concen: 6.121 ng/ul
 RT: 21.35 min Scan# 3122
 Delta R.T. -0.01 min
 Lab File: BM020935.D
 Acq: 13 Jun 2019 19:15

Tgt Ion:228 Resp: 661
 Ion Ratio Lower Upper
 228 100
 229 0.0 15.6 23.4#
 226 0.0 21.4 32.2#

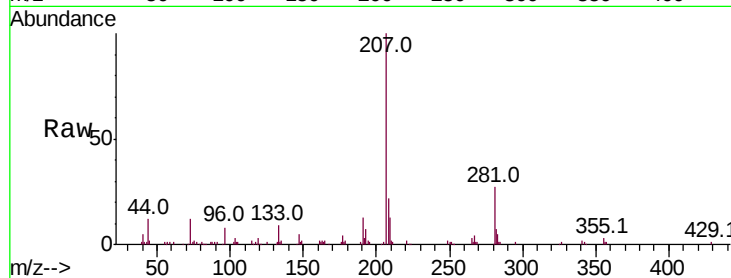




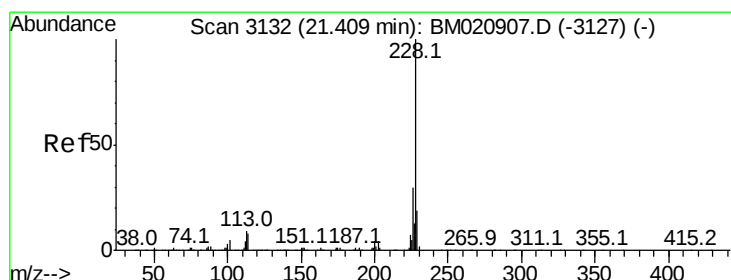
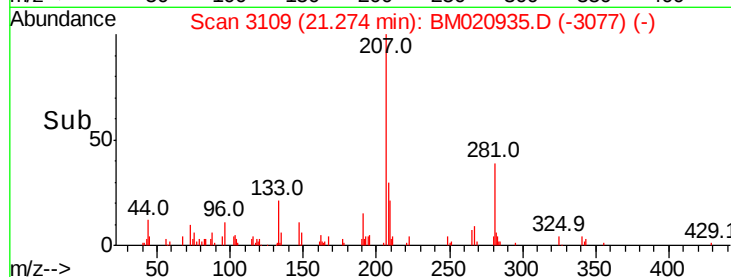
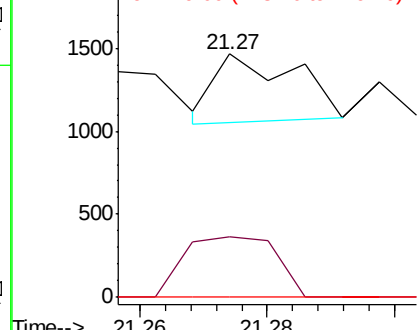
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.874 ng/ul
 RT: 21.27 min Scan# 3109
 Delta R.T. -0.01 min
 Lab File: BM020935.D
 Acq: 13 Jun 2019 19:15

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	24.7	21.9	32.9
279	0.0	4.1	6.1#

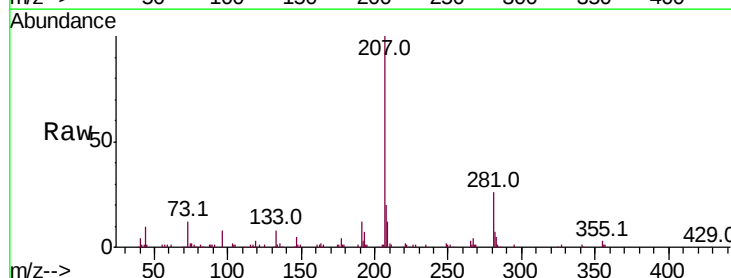


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

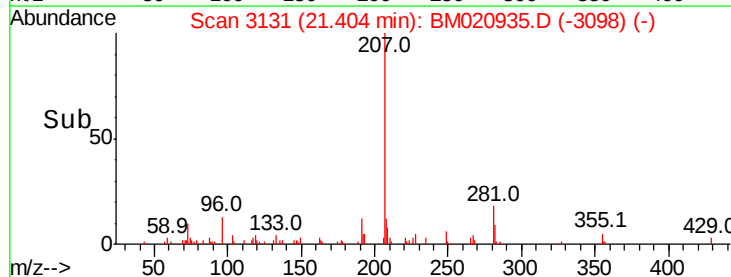
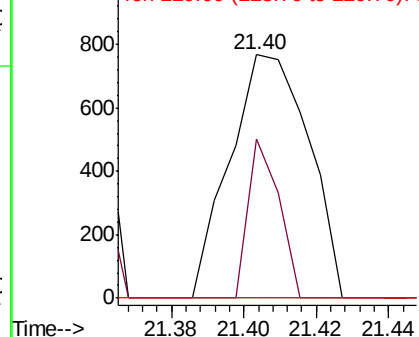


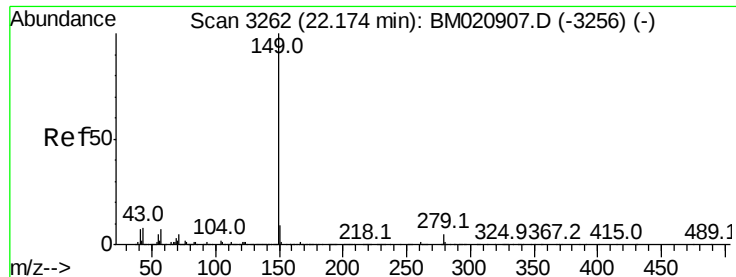
#84
 Chrysene
 Concen: 11.587 ng/ul
 RT: 21.40 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BM020935.D
 Acq: 13 Jun 2019 19:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	65.5	24.4	36.6#
229	0.0	16.2	24.2#



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





#86

Di-n-octyl phthalate

Concen: 7.343 ng/ul

RT: 22.19 min Scan# 3264

Delta R.T. 0.01 min

Lab File: BM020935.D

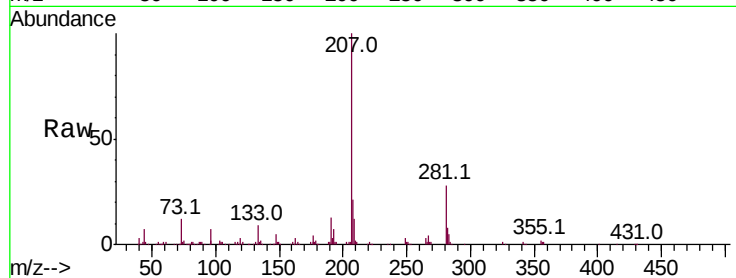
Acq: 13 Jun 2019 19:15

Instrument :

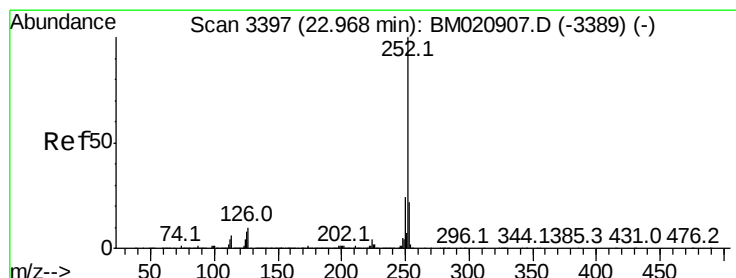
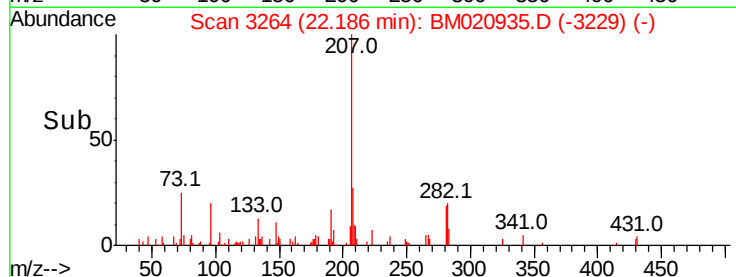
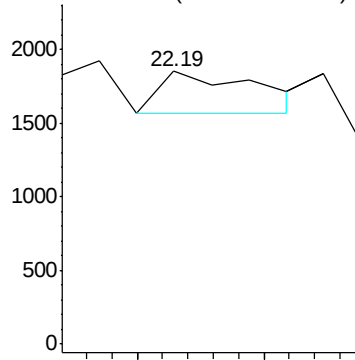
BNA_M

ClientSampleId :

Tgt Ion:149 Resp: 306



Abundance Ion 149.00 (148.70 to 149.70): E



#87

Benzo(b)fluoranthene

Concen: 26.506 ng/ul

RT: 22.97 min Scan# 3397

Delta R.T. 0.00 min

Lab File: BM020935.D

Acq: 13 Jun 2019 19:15

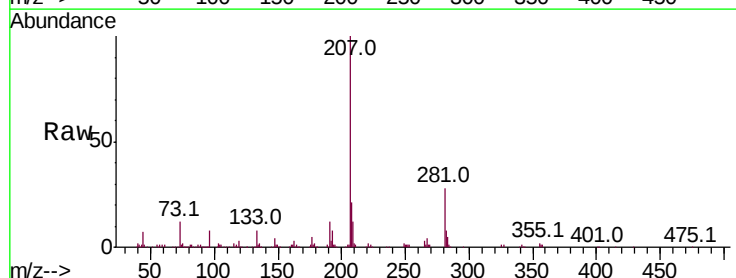
Tgt Ion:252 Resp: 1084

Ion Ratio Lower Upper

252 100

253 74.5 17.6 26.4#

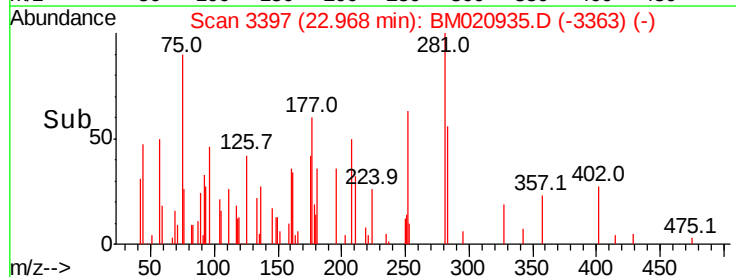
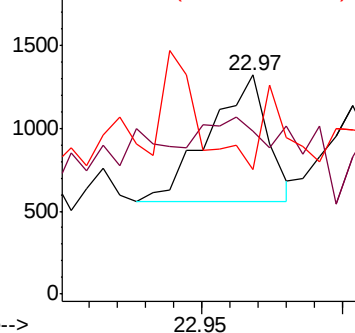
125 94.7 7.3 10.9#

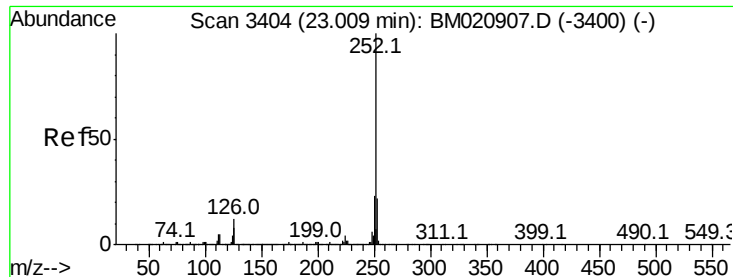


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(k)fluoranthene

Concen: 23.408 ng/ul

RT: 23.00 min Scan# 3403

Delta R.T. -0.01 min

Lab File: BM020935.D

Acq: 13 Jun 2019 19:15

Instrument :

BNA_M

ClientSampleId :

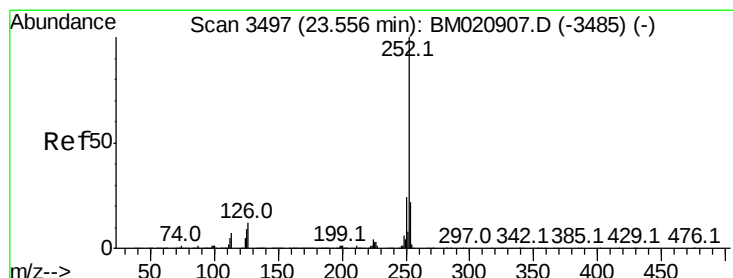
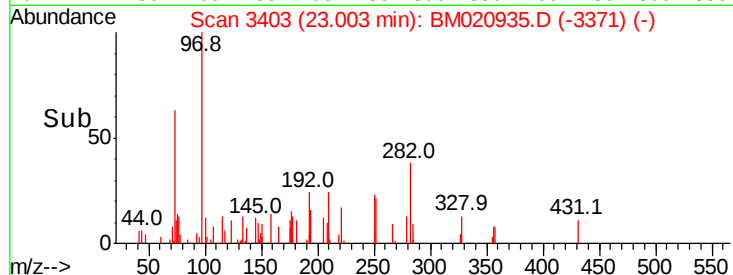
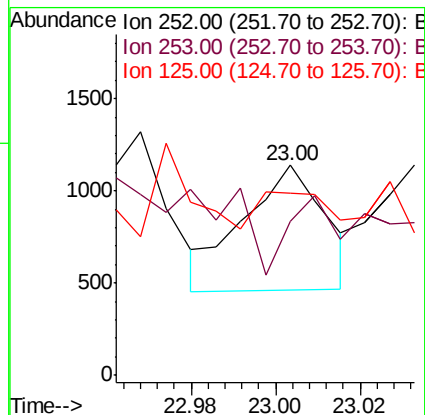
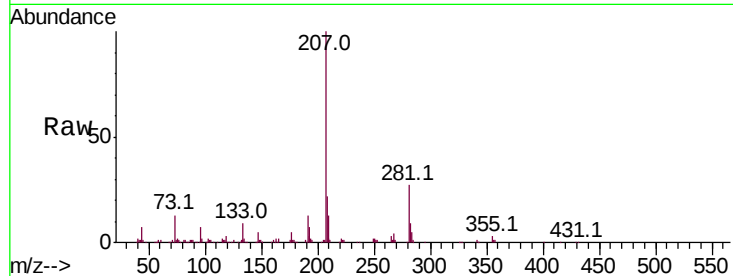
Tot Ion:252 Resp: 915

Ion Ratio Lower Upper

252 100

253 73.0 17.6 26.4#

125 86.7 7.3 10.9#



#90

Benzo(a)pyrene

Concen: 5.963 ng/ul

RT: 23.55 min Scan# 3496

Delta R.T. -0.01 min

Lab File: BM020935.D

Acq: 13 Jun 2019 19:15

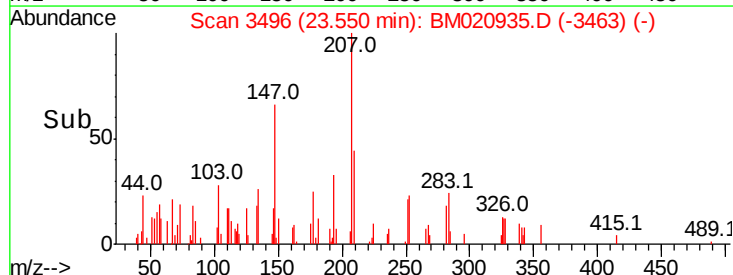
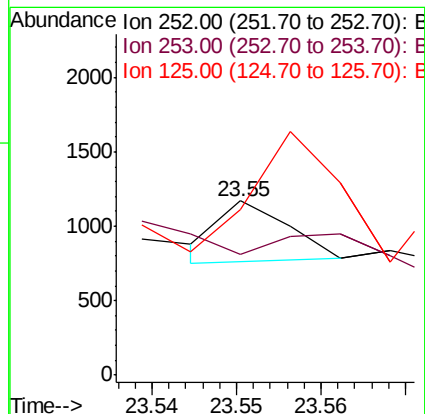
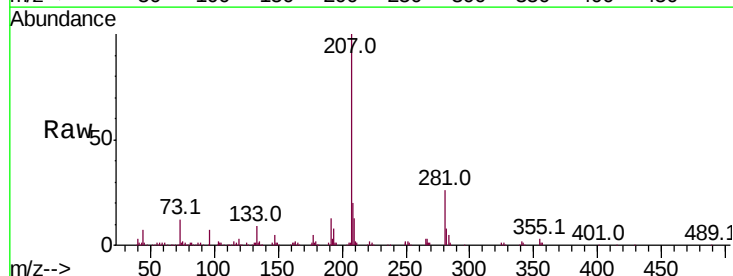
Tgt Ion:252 Resp: 232

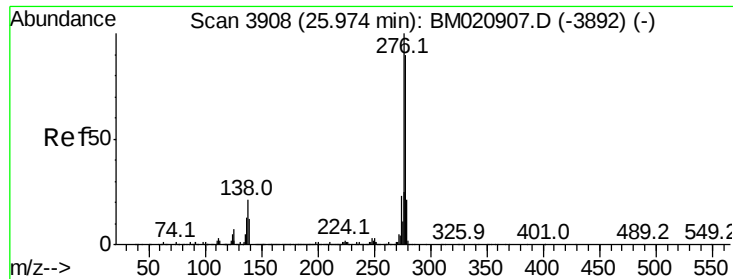
Ion Ratio Lower Upper

252 100

253 68.9 17.0 25.6#

125 95.0 8.2 12.4#



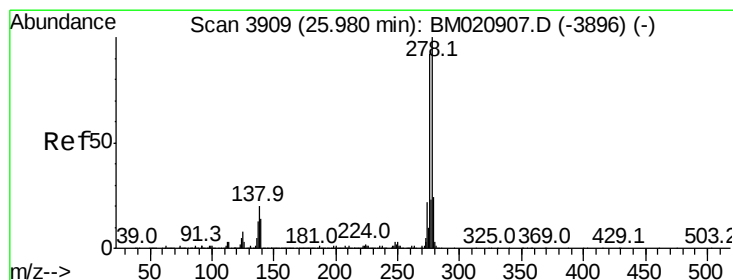
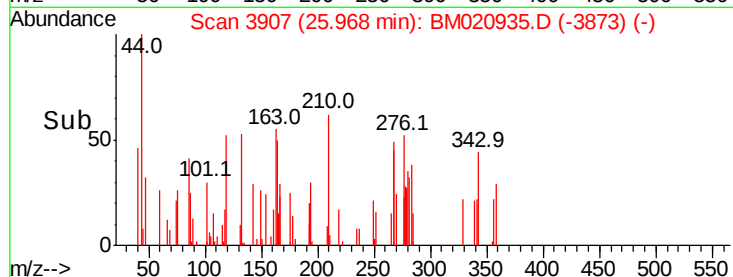
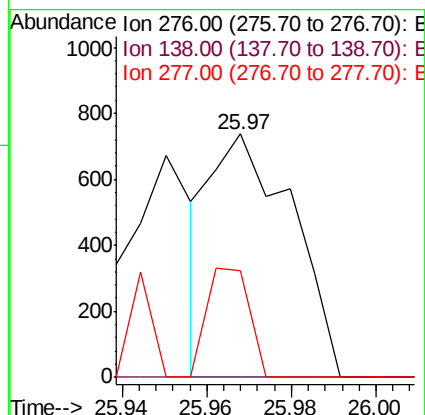
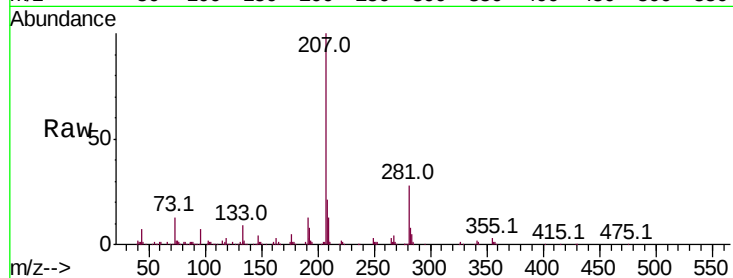


#91

Indeno(1,2,3-cd)pyrene
Concen: 21.522 ng/ul
RT: 25.97 min Scan# 3907
Delta R.T. 0.00 min
Lab File: BM020935.D
Acq: 13 Jun 2019 19:15

Instrument :
BNA_M
ClientSampled :

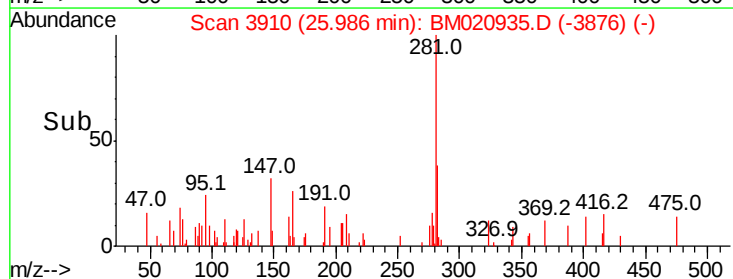
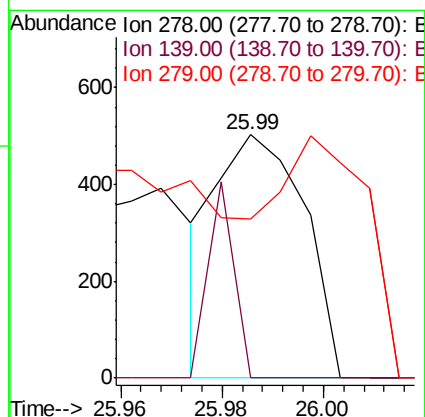
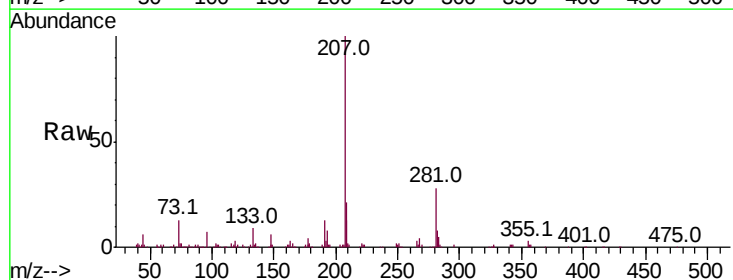
Tot Ion	Ratio	Lower	Upper
276	100		
138	0.0	17.8	26.8#
277	43.8	20.0	30.0#

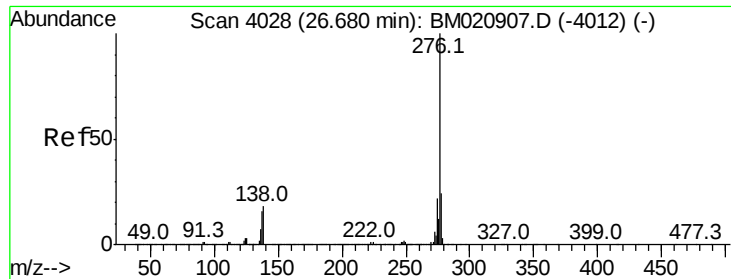


#92

Dibenzo(a,h)anthracene
Concen: 15.435 ng/ul
RT: 25.99 min Scan# 3910
Delta R.T. 0.00 min
Lab File: BM020935.D
Acq: 13 Jun 2019 19:15

Tgt Ion	Ratio	Lower	Upper
278	100		
139	0.0	11.6	17.4#
279	65.2	18.6	28.0#





#93

Benzo(a,h,i)perylene

Concen: 38.732 ng/ul

RT: 26.67 min Scan# 4026

Delta R.T. -0.02 min

Lab File: BM020935.D

Acq: 13 Jun 2019 19:15

Instrument :

BNA_M

ClientSampleId :

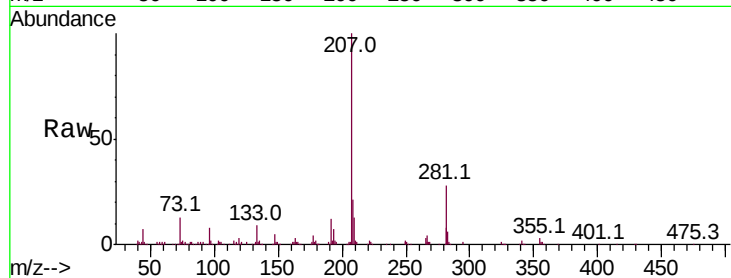
Tot Ion:276 Resp: 1444

Ion Ratio Lower Upper

276 100

138 0.0 16.6 25.0#

277 0.0 19.6 29.4#



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

