

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN052219\
 Data File : BN005857.D
 Acq On : 22 May 2019 18:51
 Operator : JU/SJ
 Sample : k2925-15
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 23 01:15:52 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN051819MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed May 22 04:04:33 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	71396	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	325555	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	235841	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	627461	20.00	ng/ul	0.00
77) Chrysene-d12	21.20	240	767195	20.00	ng/ul	0.00
85) Perylene-d12	23.40	264	923830	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.17	96	3429	2.69	ng/uL	-0.01
5) Phenol-d5	6.77	99	70200	12.72	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.91	67	43103	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	7.10	132	62363	14.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	55802	11.83	ng/ul	0.01
19) Nitrobenzene-d5	8.72	128	31903	13.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	33144	12.14	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	57712	11.08	ng/ul	0.03
29) 4-Chloroaniline-d4	10.50	131	45817	7.92	ng/ul	0.03
43) Dimethylphthalate-d6	13.62	166	267614	14.75	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	313978	14.24	ng/ul	0.00
51) 4-Nitrophenol-d4	14.51	143	3560	1.39	ng/ul	0.05
57) Fluorene-d10	15.20	176	239150	15.35	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.39	200	17881	4.74	ng/ul	0.02
70) Anthracene-d10	17.06	188	381383	14.07	ng/ul	0.00
78) Pyrene-d10	19.37	212	495472	13.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.26	264	569035	13.73	ng/ul	0.00

Target Compounds

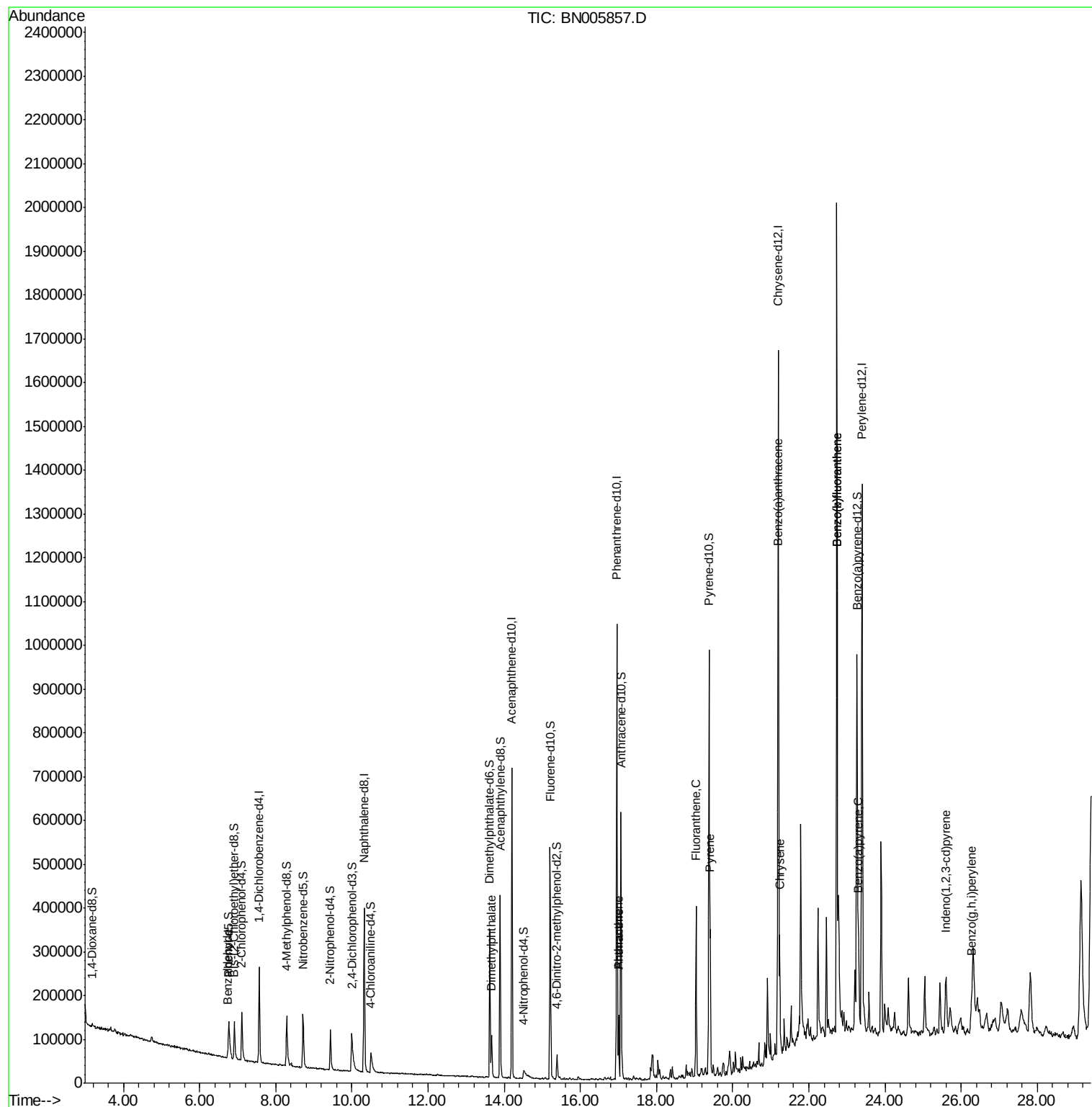
					Ovalue	
4) Benzaldehyde	6.74	77	4149	1.039	ng/ul#	78
44) Dimethylphthalate	13.67	163	68987	3.856	ng/ul	99
69) Phenanthrene	17.00	178	93577	3.009	ng/ul	98
71) Anthracene	17.00	178	93577	2.955	ng/ul	98
76) Fluoranthene	19.04	202	242082	6.295	ng/ul#	89
79) Pyrene	19.40	202	232296	4.931	ng/ul#	86
82) Benzo(a)anthracene	21.18	228	129164	2.672	ng/ul	98
84) Chrysene	21.23	228	151781	3.331	ng/ul	97
87) Benzo(b)fluoranthene	22.75	252	217697	4.283	ng/ul#	97
88) Benzo(k)fluoranthene	22.75	252	217697	4.427	ng/ul	98
90) Benzo(a)pyrene	23.30	252	139849	2.842	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.60	276	97747	1.625	ng/ul#	89
93) Benzo(g,h,i)perylene	26.26	276	90072	1.791	ng/ul#	89

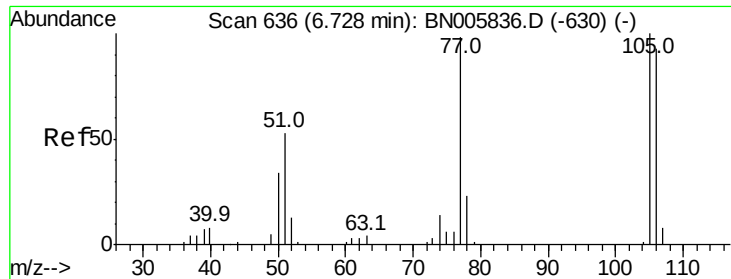
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed May 22 04:04:33 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.039 ng/ul

RT: 6.74 min Scan# 638

Delta R.T. 0.01 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

Instrument :

BNA_N

ClientSampled :

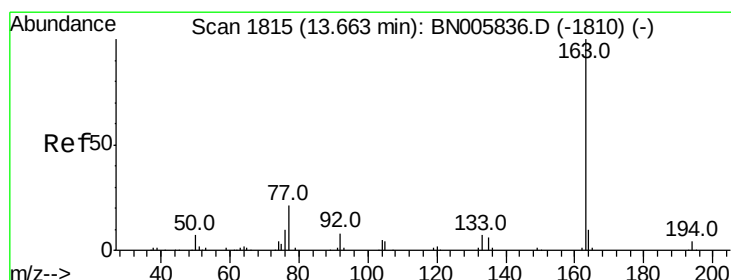
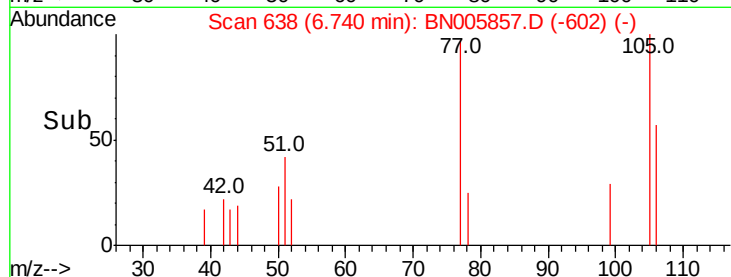
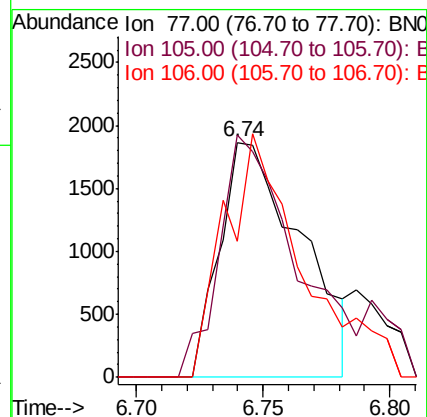
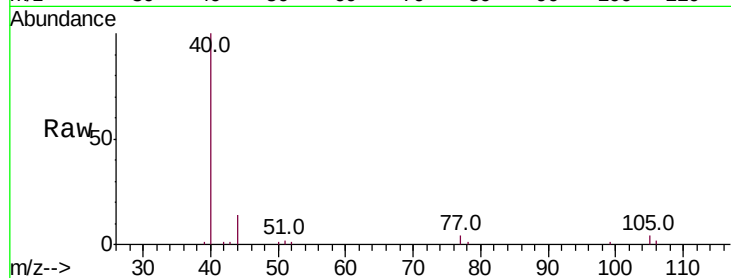
Tot Ion: 77 Resp: 4149

Ion Ratio Lower Upper

77 100

105 103.0 77.4 116.2

106 58.2 76.3 114.5#



#44

Dimethylphthalate

Concen: 3.856 ng/ul

RT: 13.67 min Scan# 1816

Delta R.T. 0.01 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

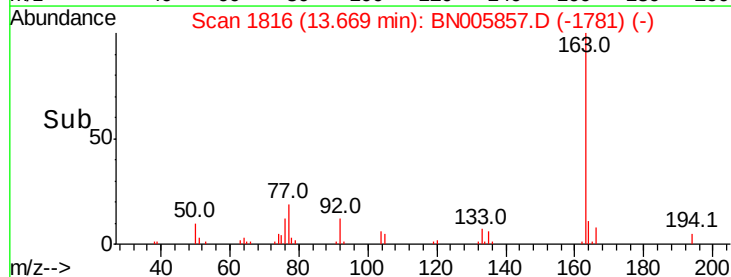
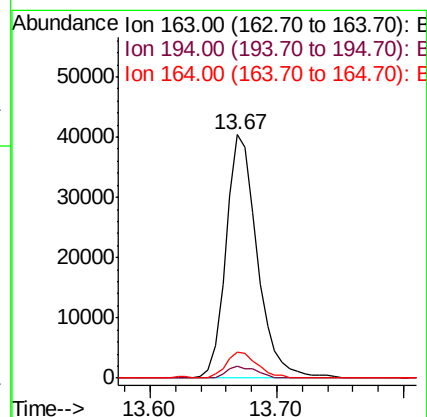
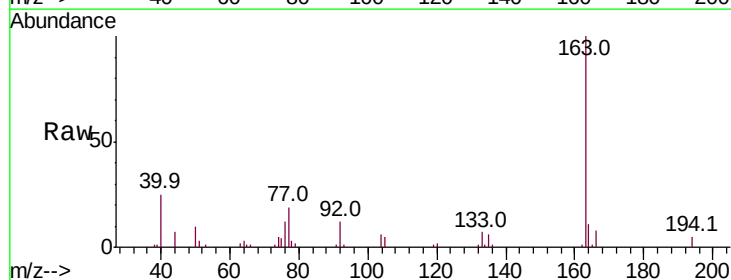
Tgt Ion: 163 Resp: 68987

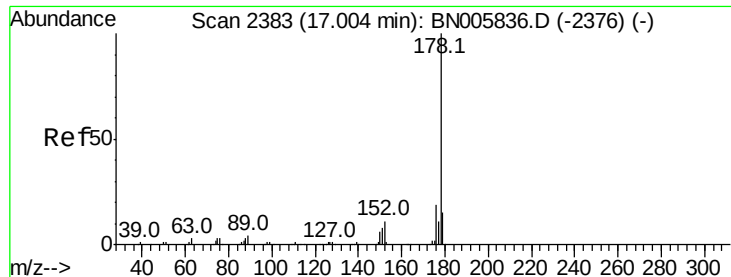
Ion Ratio Lower Upper

163 100

194 4.7 3.4 5.0

164 10.5 8.1 12.1





#69

Phenanthrene

Concen: 3.009 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.00 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

Instrument :

BNA_N

ClientSampleId :

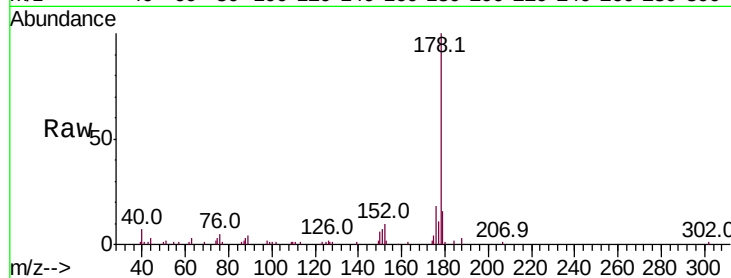
Tot Ion:178 Resp: 93577

Ion Ratio Lower Upper

178 100

179 16.0 12.2 18.4

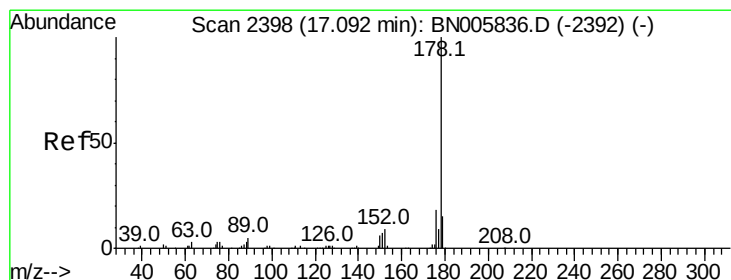
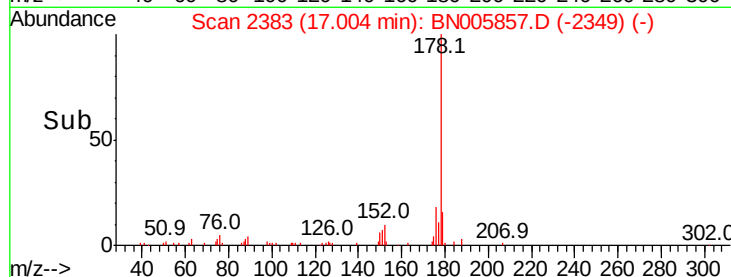
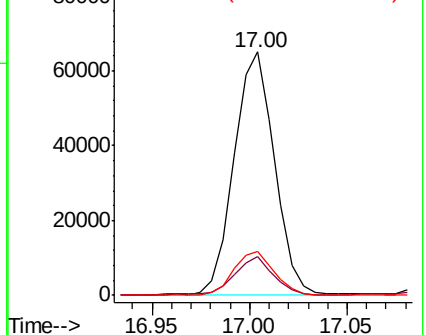
176 18.0 15.1 22.7



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



#71

Anthracene

Concen: 2.955 ng/ul

RT: 17.00 min Scan# 2383

Delta R.T. -0.09 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

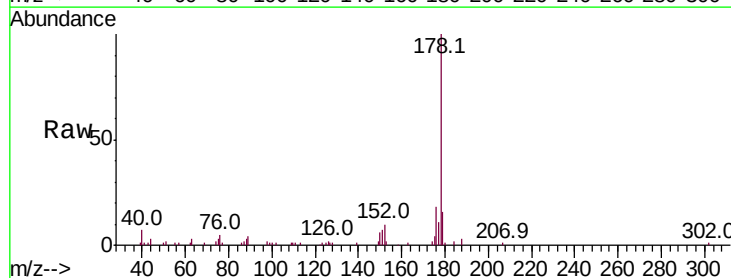
Tgt Ion:178 Resp: 93577

Ion Ratio Lower Upper

178 100

179 16.0 12.3 18.5

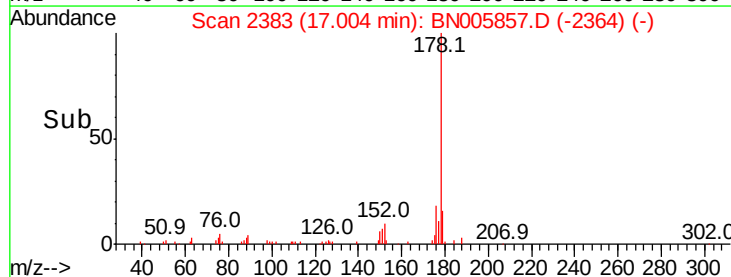
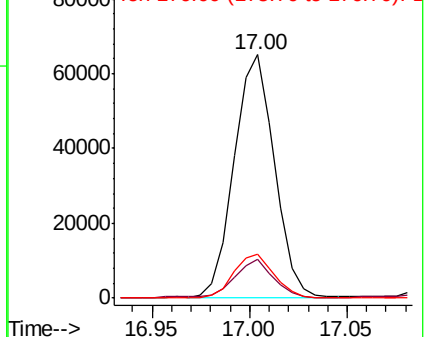
176 18.0 15.1 22.7

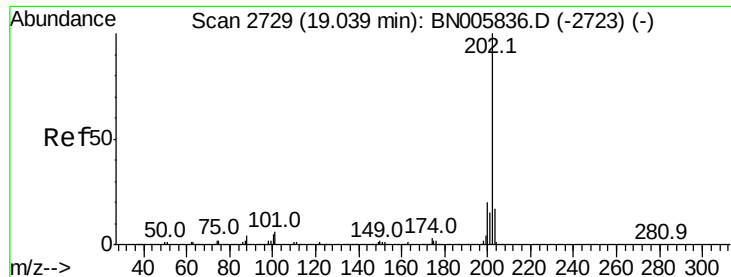


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 6.295 ng/ul

RT: 19.04 min Scan# 2729

Delta R.T. -0.00 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

Instrument :

BNA_N

ClientSampleId :

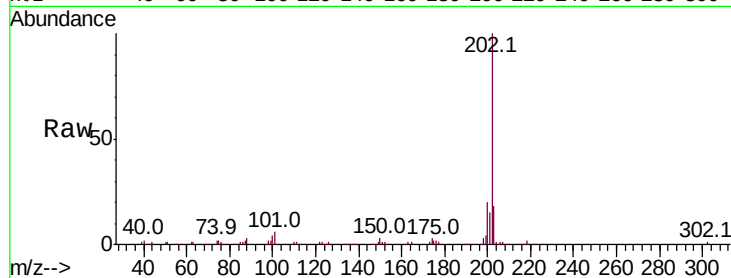
Tot Ion:202 Resp: 242082

Ion Ratio Lower Upper

202 100

101 6.2 8.6 12.8#

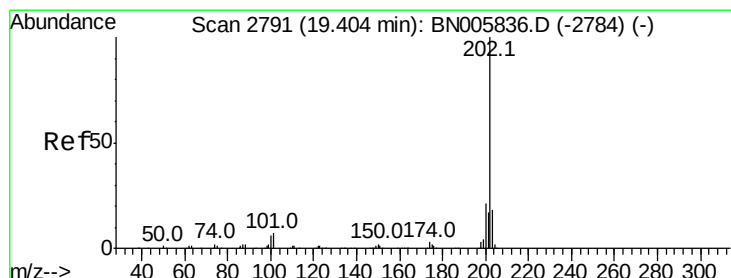
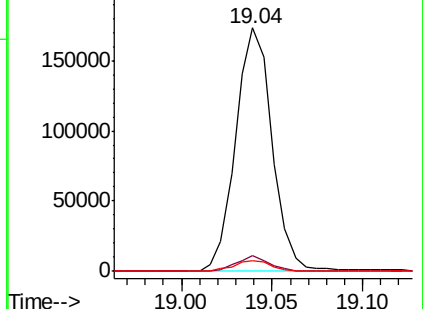
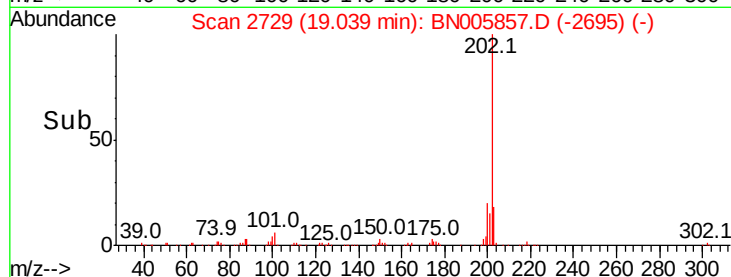
100 4.4 6.3 9.5#



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



#79

Pyrene

Concen: 4.931 ng/ul

RT: 19.40 min Scan# 2791

Delta R.T. -0.00 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

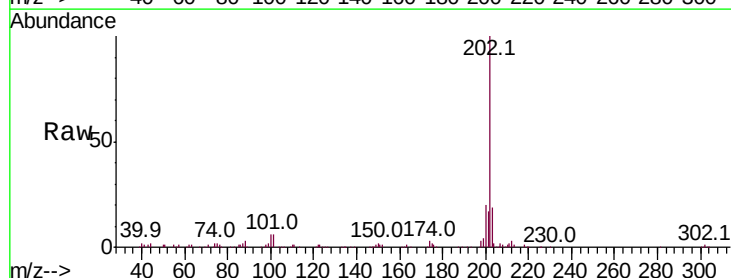
Tgt Ion:202 Resp: 232296

Ion Ratio Lower Upper

202 100

101 6.1 10.3 15.5#

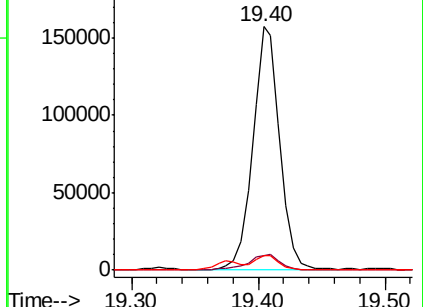
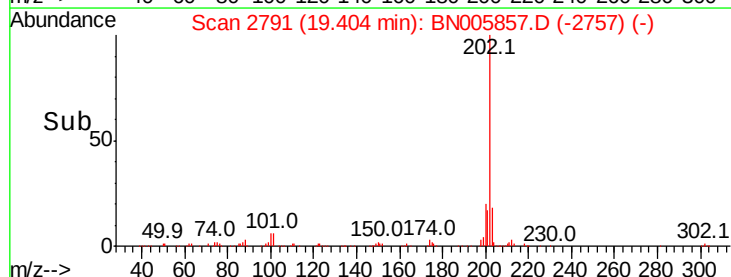
100 6.1 7.9 11.9#

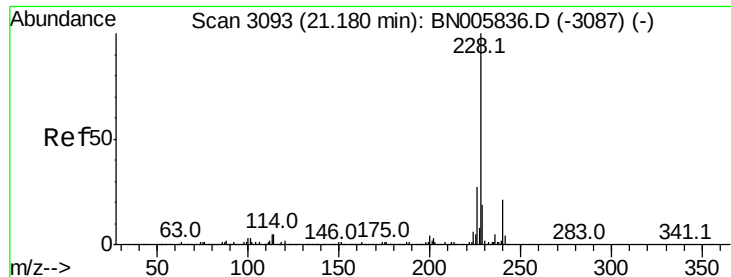


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

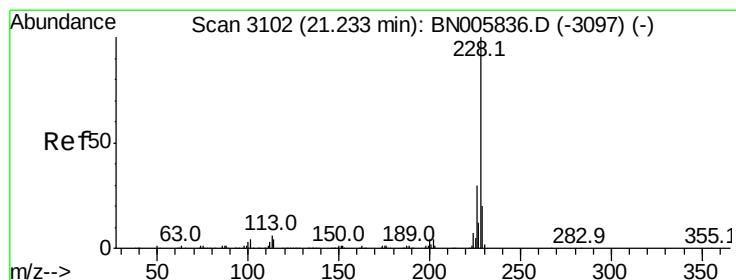
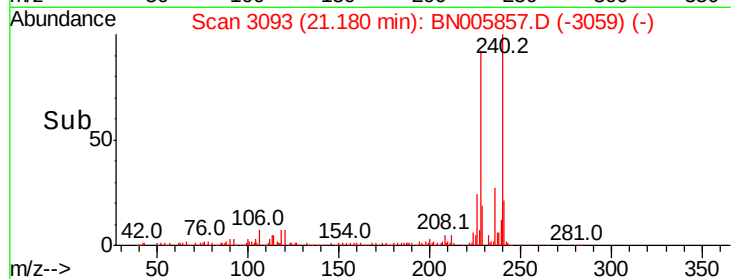
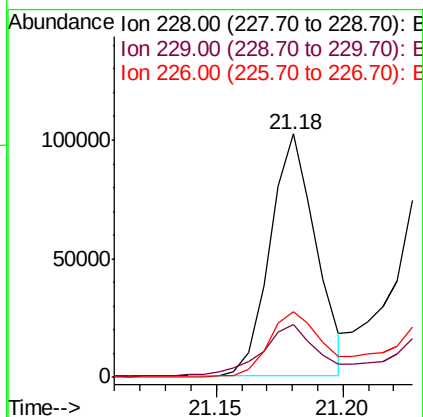
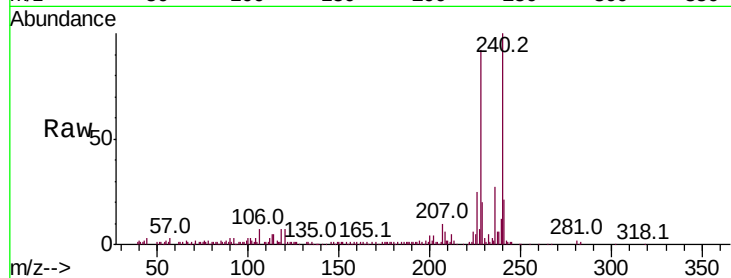




#82
Benzo(a)anthracene
Concen: 2.672 ng/ul
RT: 21.18 min Scan# 3093
Delta R.T. -0.00 min
Lab File: BN005857.D
Acq: 22 May 2019 18:51

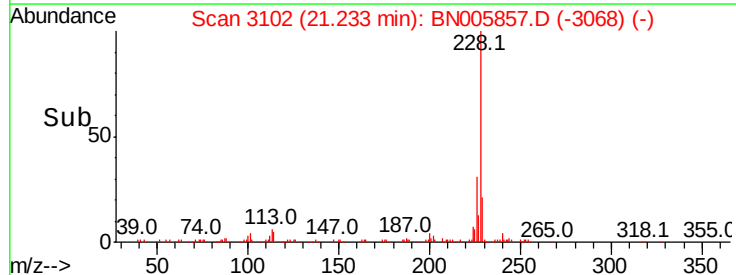
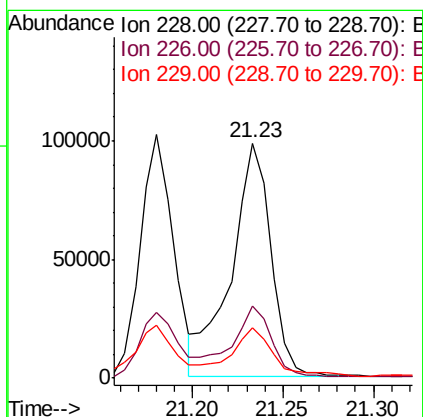
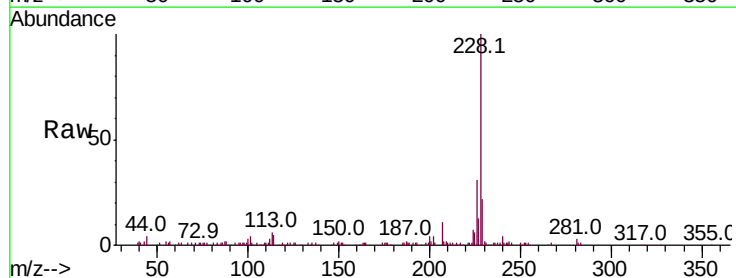
Instrument :
BNA_N
ClientSampled :

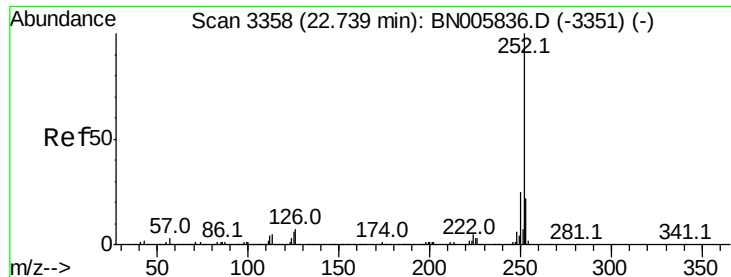
Tot Ion	Ratio	Lower	Upper
228	100		
229	21.6	15.8	23.6
226	27.1	21.4	32.2



#84
Chrysene
Concen: 3.331 ng/ul
RT: 21.23 min Scan# 3102
Delta R.T. -0.00 min
Lab File: BN005857.D
Acq: 22 May 2019 18:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.0	36.0
229	21.6	15.4	23.0

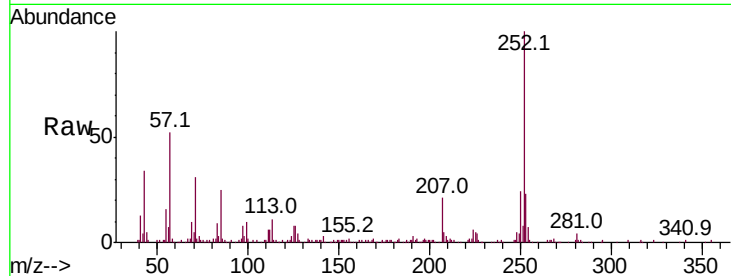




#87
Benzo(b)fluoranthene
Concen: 4.283 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. 0.01 min
Lab File: BN005857.D
Acq: 22 May 2019 18:51

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.7	26.5
125	8.0	8.4	12.6

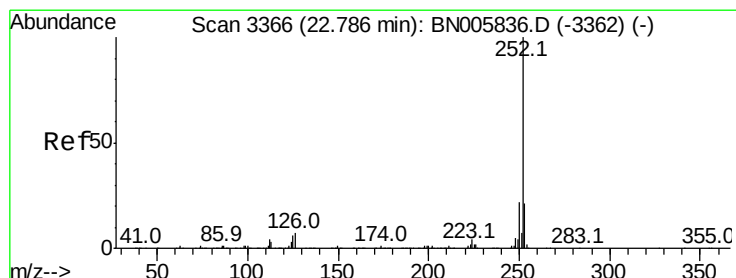
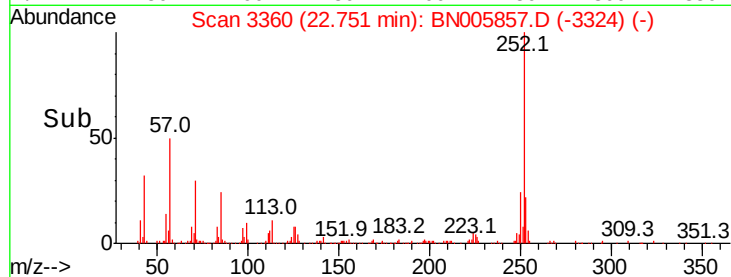
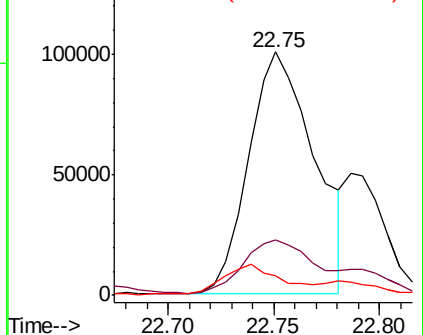


Abundance

Ion 252.00 (251.70 to 252.70): E

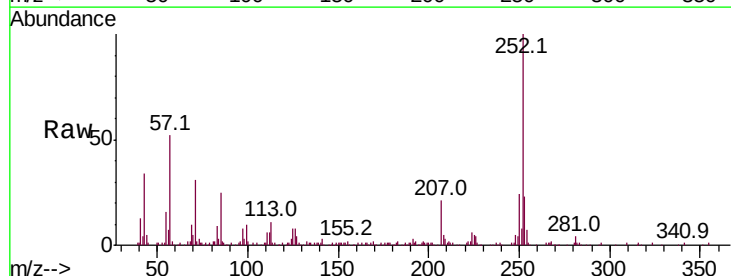
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 4.427 ng/ul
RT: 22.75 min Scan# 3360
Delta R.T. -0.04 min
Lab File: BN005857.D
Acq: 22 May 2019 18:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.4	26.0
125	8.0	7.5	11.3

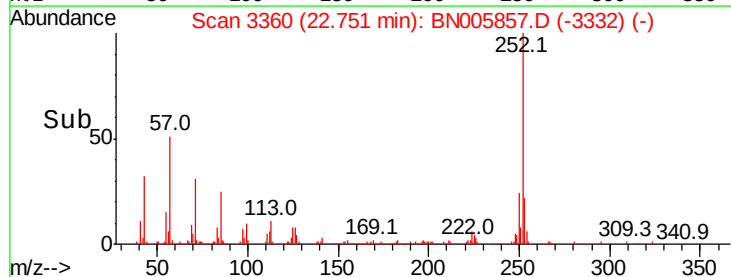
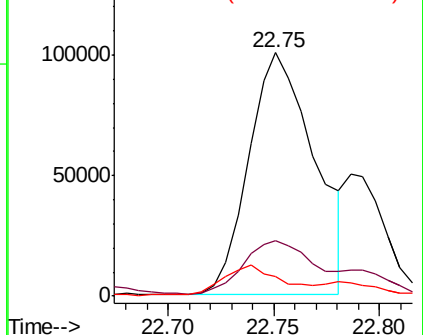


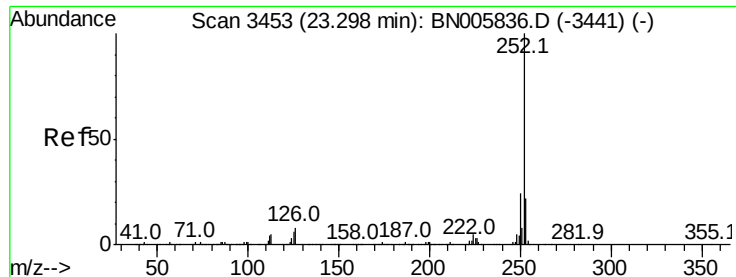
Abundance

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





#90

Benzo(a)pyrene

Concen: 2.842 ng/ul

RT: 23.30 min Scan# 3454

Delta R.T. 0.01 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

Instrument :

BNA_N

ClientSampled :

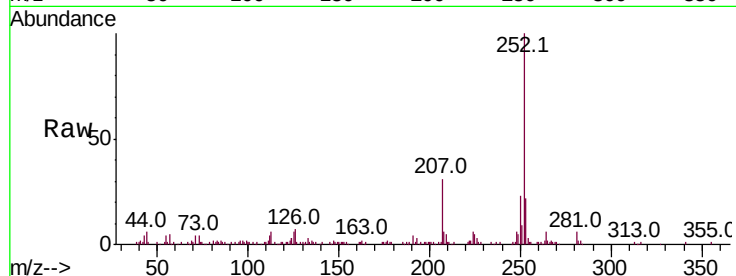
Tot Ion:252 Resp: 139849

Ion Ratio Lower Upper

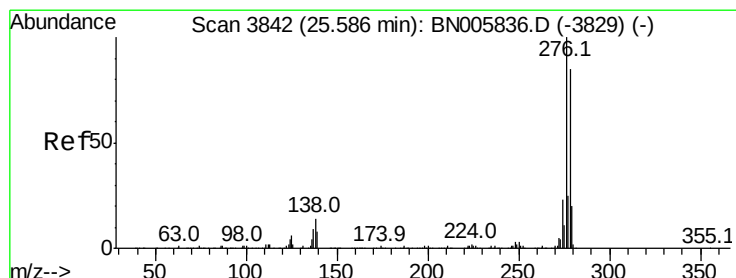
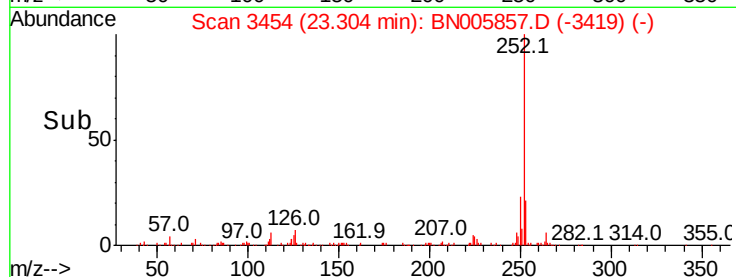
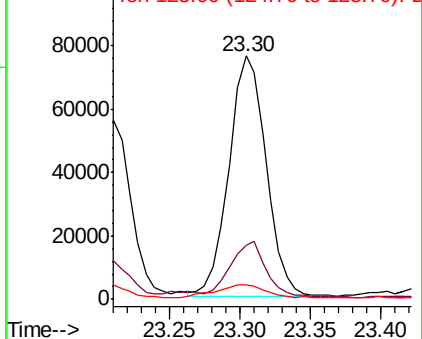
252 100

253 22.3 17.3 25.9

125 5.7 8.6 13.0#



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.625 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. 0.02 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

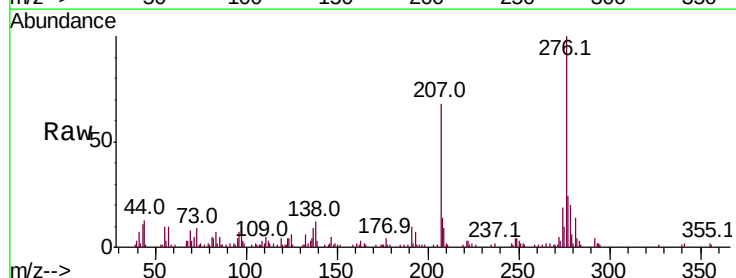
Tgt Ion:276 Resp: 97747

Ion Ratio Lower Upper

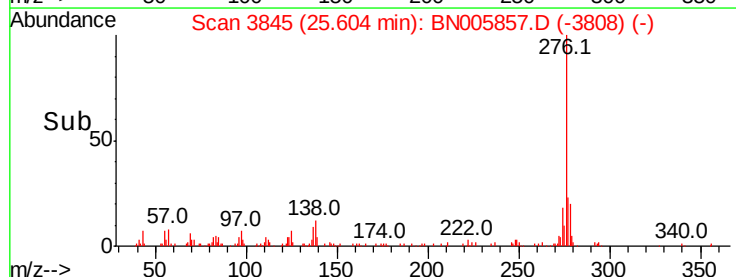
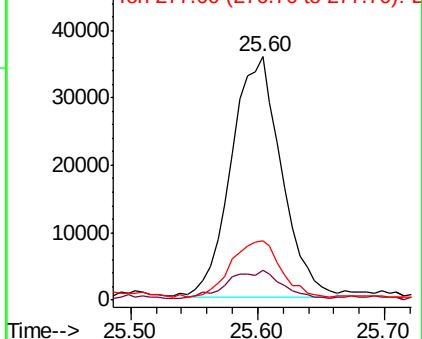
276 100

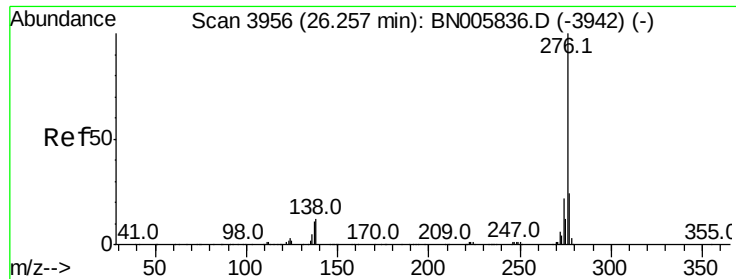
138 12.0 17.9 26.9#

277 24.2 19.7 29.5



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





#93

Benzo(a,h,i)perylene

Concen: 1.791 ng/ul

RT: 26.26 min Scan# 3957

Delta R.T. 0.01 min

Lab File: BN005857.D

Acq: 22 May 2019 18:51

Instrument :

BNA_N

ClientSampleId :

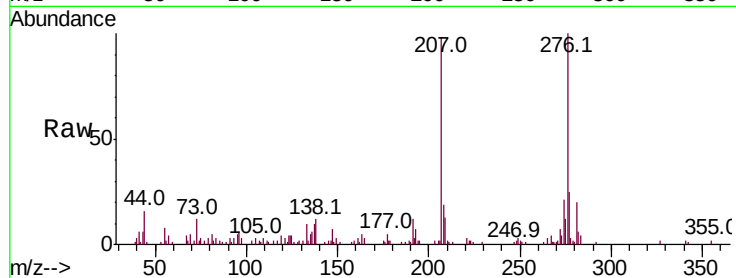
Tot Ion:276 Resp: 90072

Ion Ratio Lower Upper

276 100

138 12.2 16.7 25.1#

277 24.8 18.2 27.2



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

