

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN042519\
 Data File : BN005303.D
 Acq On : 26 Apr 2019 04:45
 Operator : JU/SJ
 Sample : K2402-09MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 26 05:33:04 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN041919MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 25 03:19:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	510222	20.00	ng/ul	0.00
18) Naphthalene-d8	10.36	136	2194004	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.23	164	1295520	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.98	188	2908162	20.00	ng/ul	0.00
77) Chrysene-d12	21.21	240	2598978	20.00	ng/ul	-0.02
85) Perylene-d12	23.41	264	2352216	20.00	ng/ul	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.22	96	1399	0.13	ng/uL	0.00
5) Phenol-d5	6.77	99	33666	0.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.94	67	22617	0.90	ng/ul	0.00
9) 2-Chlorophenol-d4	7.13	132	26268	0.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	26816	0.86	ng/ul	0.00
19) Nitrobenzene-d5	8.74	128	14325	1.06	ng/ul	0.00
22) 2-Nitrophenol-d4	9.45	143	13371	0.98	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.98	165	26009	0.83	ng/ul	0.00
29) 4-Chloroaniline-d4	10.50	131	9834	0.30	ng/ul	0.00
43) Dimethylphthalate-d6	13.65	166	93357	0.99	ng/ul	0.00
46) Acenaphthylene-d8	13.92	160	116275	1.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	4452	0.30	ng/ul	0.00
57) Fluorene-d10	15.22	176	89595	1.14	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	6357	0.49	ng/ul	0.00
70) Anthracene-d10	17.07	188	137521	1.13	ng/ul	-0.01
78) Pyrene-d10	19.39	212	140173	1.05	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.27	264	106282	1.03	ng/ul	-0.03

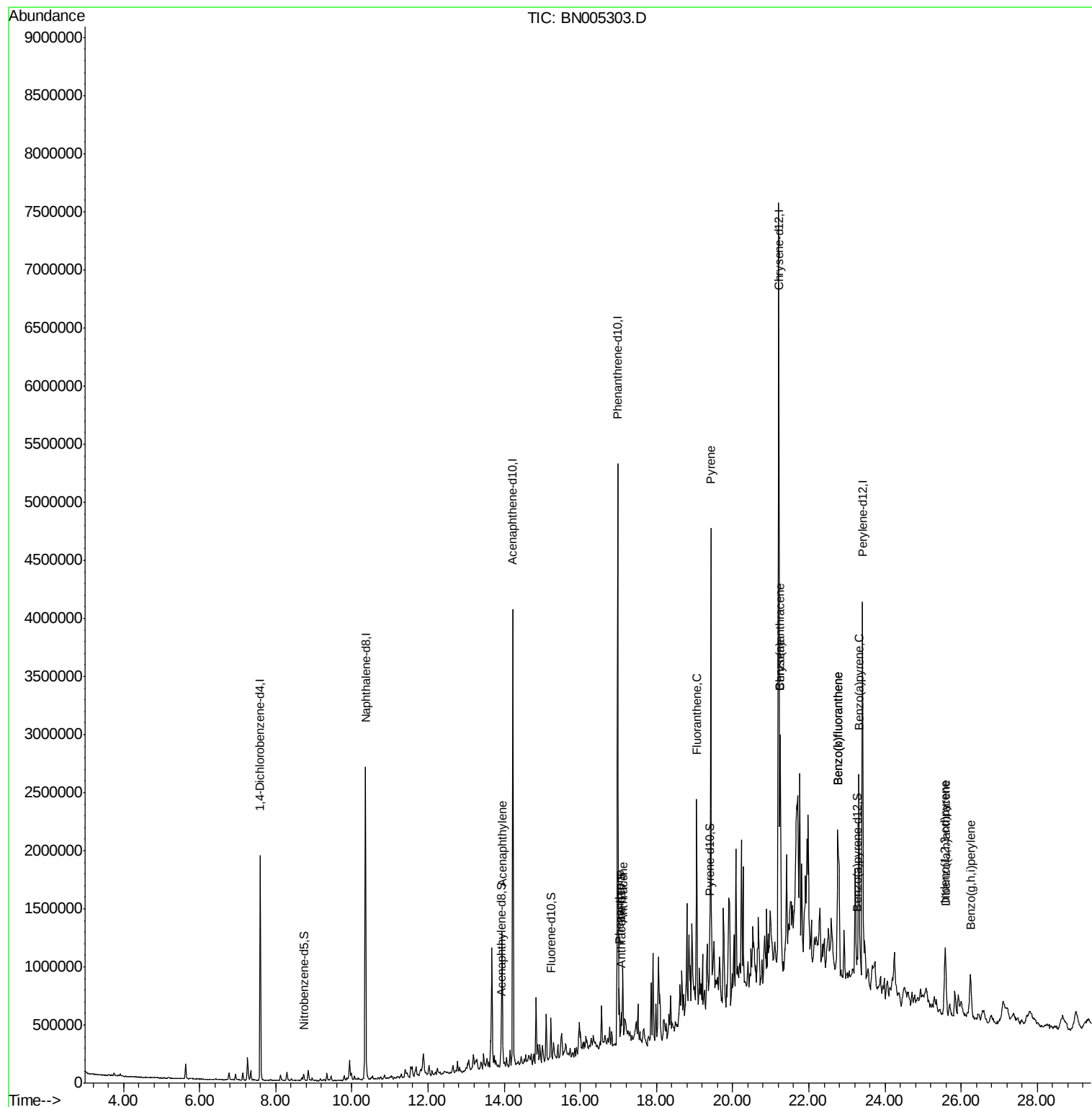
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
47) Acenaphthylene	13.95	152	853396	7.518	ng/ul	99
69) Phenanthrene	17.02	178	267060	1.886	ng/ul	98
71) Anthracene	17.11	178	403389	2.796	ng/ul	98
76) Fluoranthene	19.06	202	908325	5.782	ng/ul	98
79) Pyrene	19.42	202	2378492	14.214	ng/ul	98
82) Benzo(a)anthracene	21.25	228	1295905	8.015	ng/ul	93
84) Chrysene	21.25	228	1297693	8.648	ng/ul	96
87) Benzo(b)fluoranthene	22.76	252	1141774	8.635	ng/ul	99
88) Benzo(k)fluoranthene	22.76	252	1141774	9.041	ng/ul	99
90) Benzo(a)pyrene	23.32	252	1177596	9.475	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.58	276	492302	3.583	ng/ul	96
92) Dibenzo(a,h)anthracene	25.59	278	183437	1.573	ng/ul#	91
93) Benzo(g,h,i)perylene	26.24	276	407904	3.590	ng/ul	99

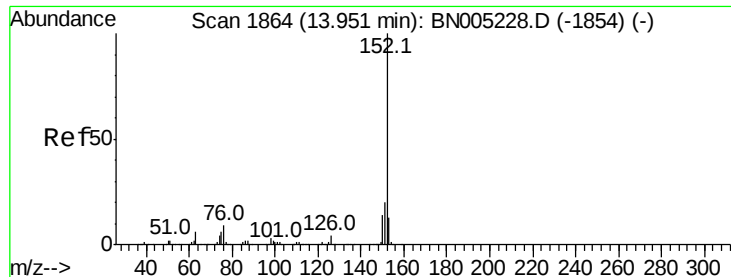
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN042519\
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Apr 25 03:19:34 2019
Response via : Initial Calibration





#47

Acenaphthylene

Concen: 7.518 ng/ul

RT: 13.95 min Scan# 1863

Delta R.T. -0.01 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

Instrument :

BNA_N

ClientSampleId :

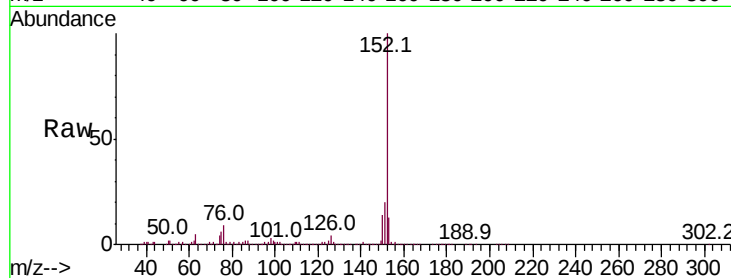
Tot Ion:152 Resp: 853396

Ion Ratio Lower Upper

152 100

151 19.8 15.8 23.8

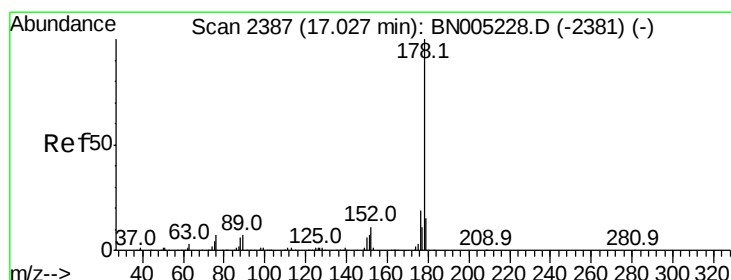
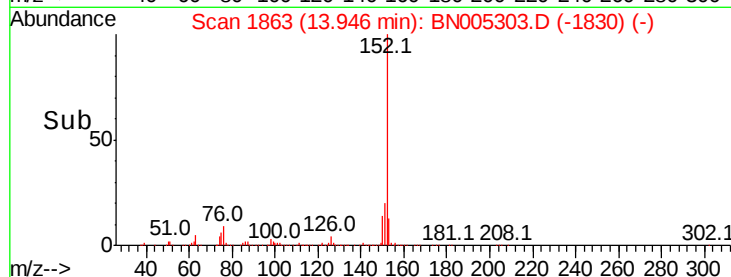
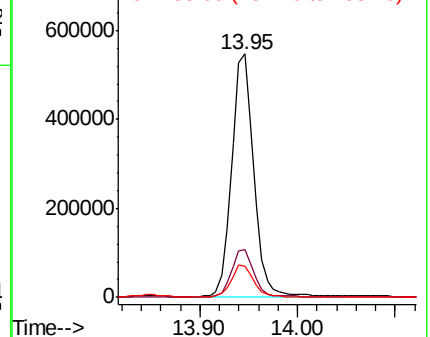
153 12.8 9.8 14.8



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#69

Phenanthrene

Concen: 1.886 ng/ul

RT: 17.02 min Scan# 2386

Delta R.T. -0.01 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

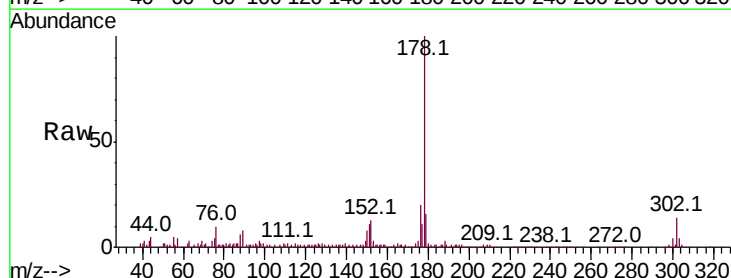
Tgt Ion:178 Resp: 267060

Ion Ratio Lower Upper

178 100

179 16.1 12.2 18.4

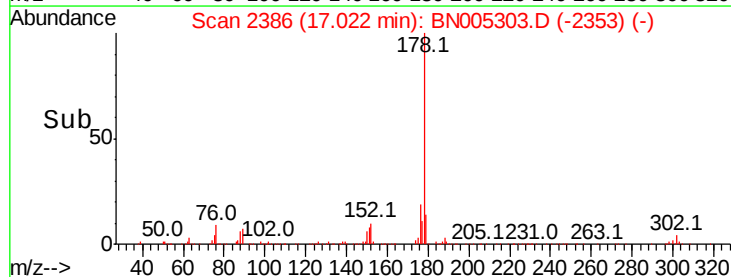
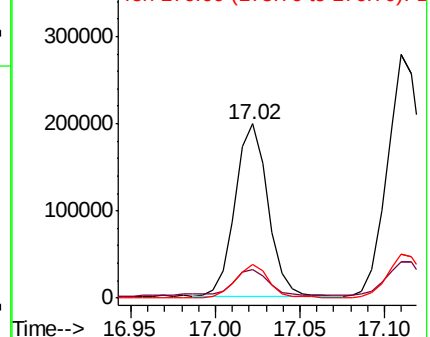
176 19.5 15.1 22.7

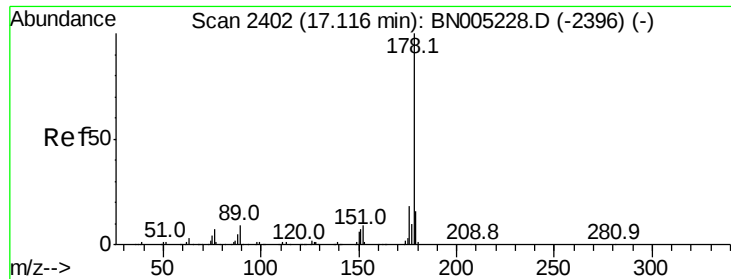


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

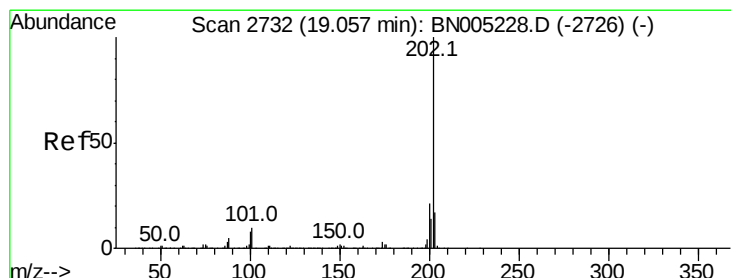
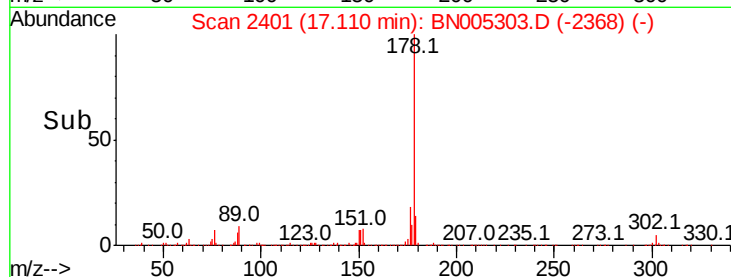
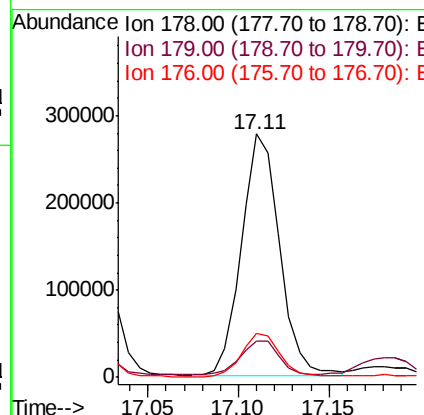
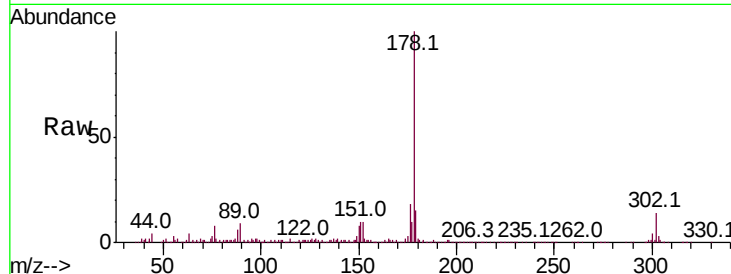




#71
 Anthracene
 Concen: 2.796 ng/ul
 RT: 17.11 min Scan# 2401
 Delta R.T. -0.01 min
 Lab File: BN005303.D
 Acq: 26 Apr 2019 04:45

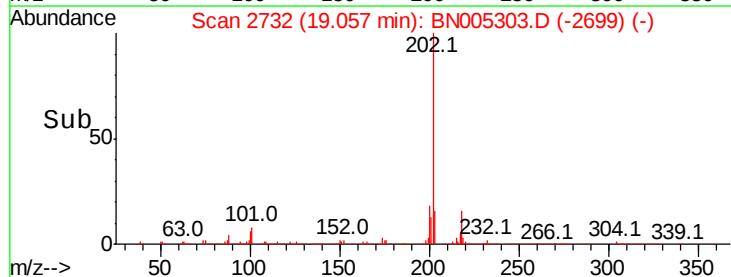
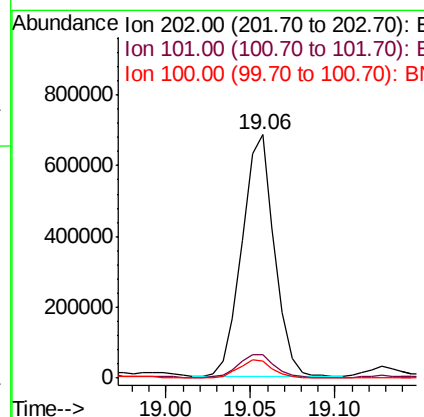
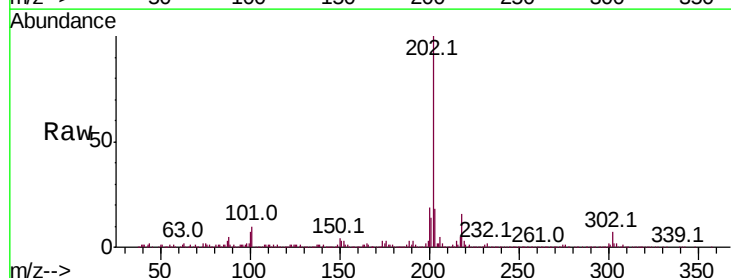
Instrument :
 BNA_N
 ClientSampleId :

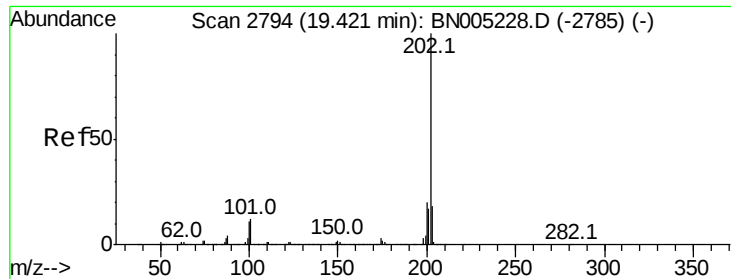
Tot Ion:178 Resp: 403389
 Ion Ratio Lower Upper
 178 100
 179 14.7 12.3 18.5
 176 18.2 15.1 22.7



#76
 Fluoranthene
 Concen: 5.782 ng/ul
 RT: 19.06 min Scan# 2732
 Delta R.T. -0.01 min
 Lab File: BN005303.D
 Acq: 26 Apr 2019 04:45

Tgt Ion:202 Resp: 908325
 Ion Ratio Lower Upper
 202 100
 101 9.9 8.6 12.8
 100 7.1 6.3 9.5





#79

Pvrene

Concen: 14.214 ng/ul

RT: 19.42 min Scan# 2794

Delta R.T. -0.01 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

Instrument :

BNA_N

ClientSampleId :

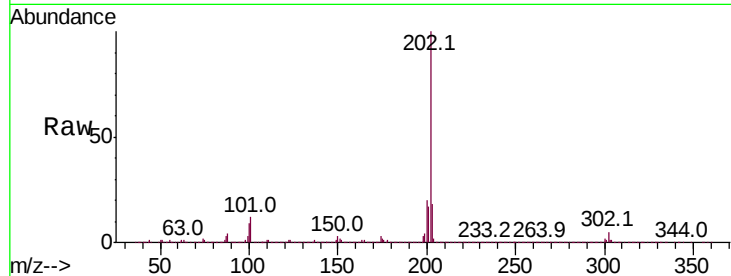
Tot Ion:202 Resp: 2378492

Ion Ratio Lower Upper

202 100

101 11.7 10.3 15.5

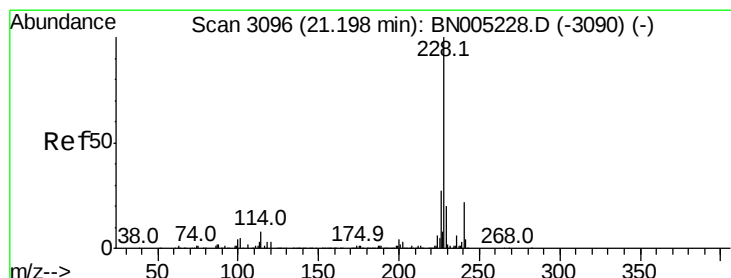
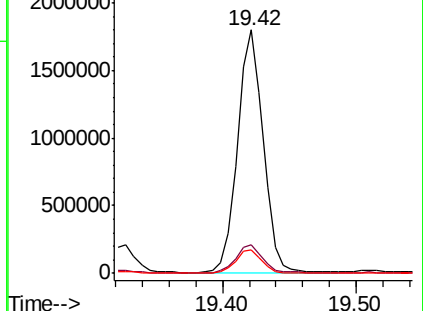
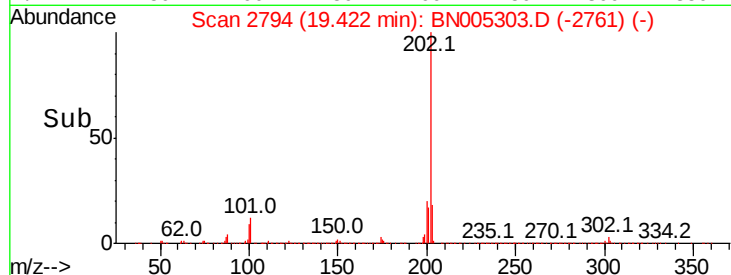
100 9.5 7.9 11.9



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: 8.015 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. 0.04 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

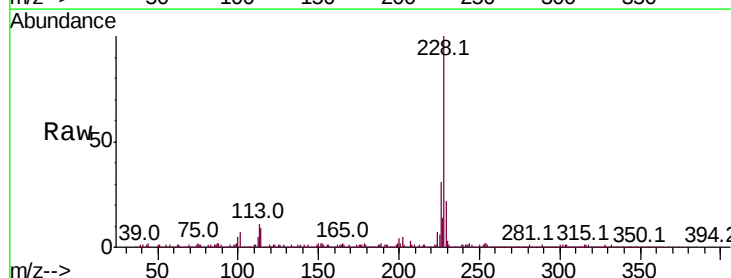
Tgt Ion:228 Resp: 1295905

Ion Ratio Lower Upper

228 100

229 22.3 15.8 23.6

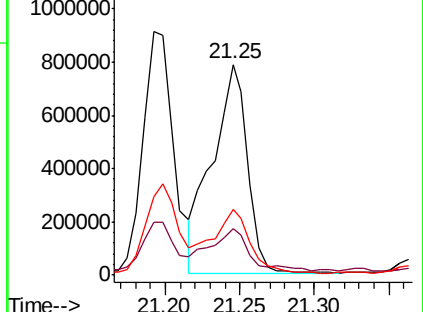
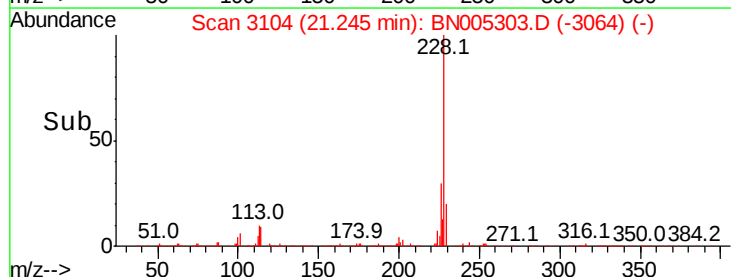
226 31.2 21.4 32.2

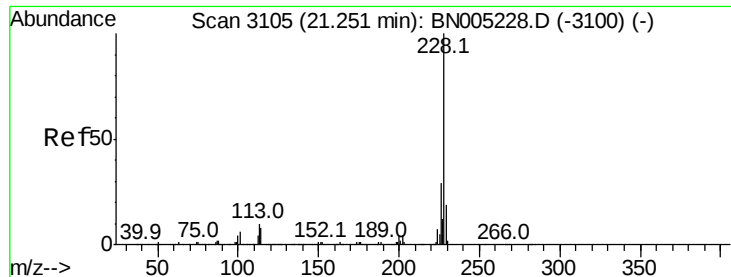


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

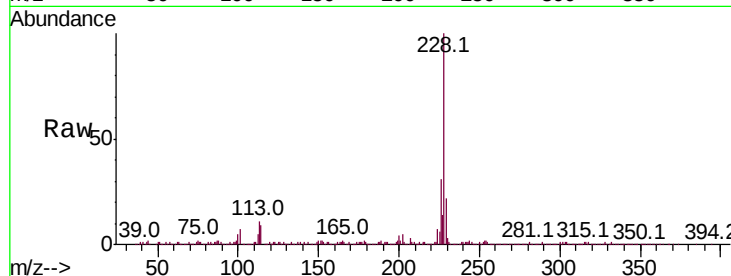




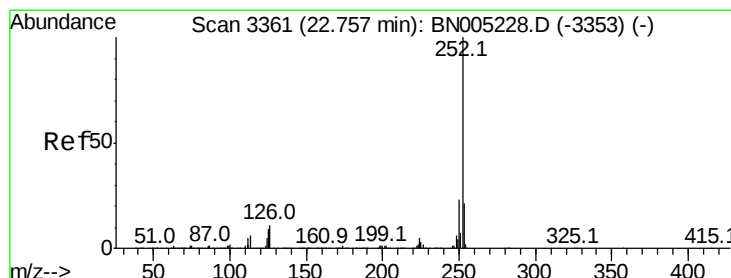
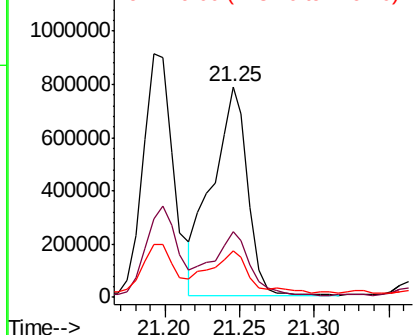
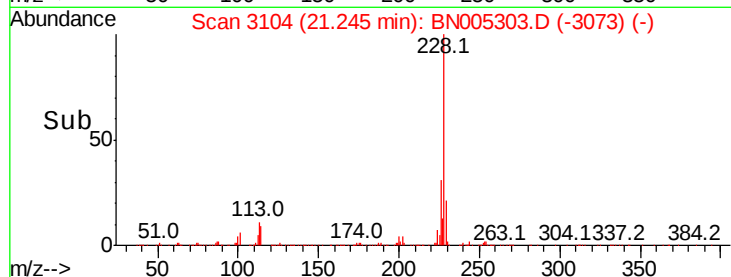
#84
Chrysene
Concen: 8.648 ng/ul
RT: 21.25 min Scan# 3104
Delta R.T. -0.02 min
Lab File: BN005303.D
Acq: 26 Apr 2019 04:45

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 1297693
Ion Ratio Lower Upper
228 100
226 31.2 24.0 36.0
229 22.3 15.4 23.0

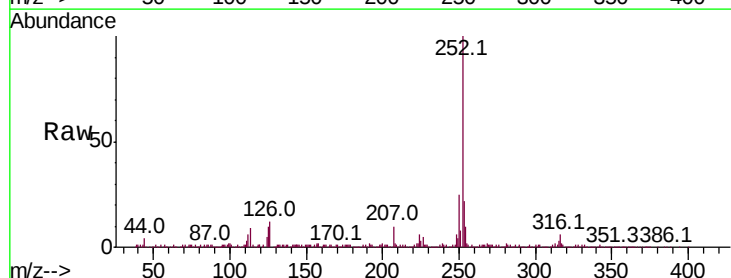


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

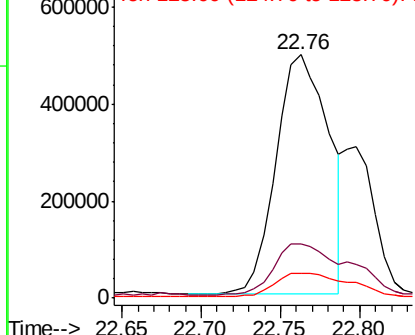
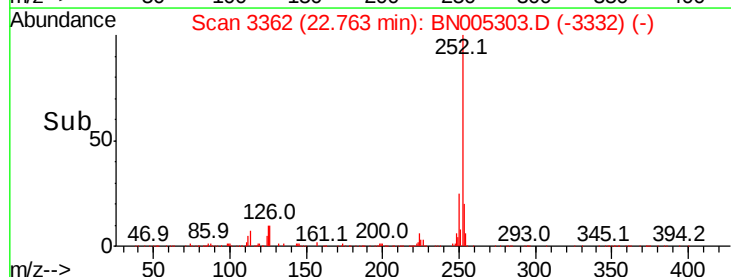


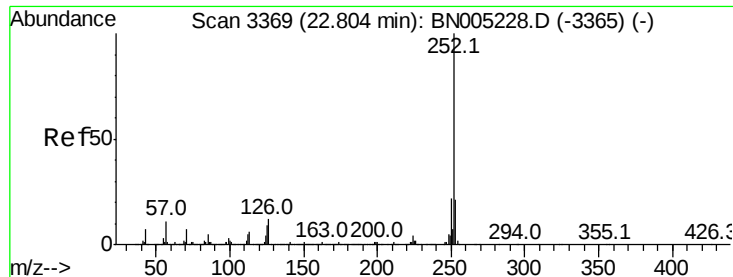
#87
Benzo(b)fluoranthene
Concen: 8.635 ng/ul
RT: 22.76 min Scan# 3362
Delta R.T. -0.02 min
Lab File: BN005303.D
Acq: 26 Apr 2019 04:45

Tgt Ion:252 Resp: 1141774
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 10.0 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: 9.041 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.06 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

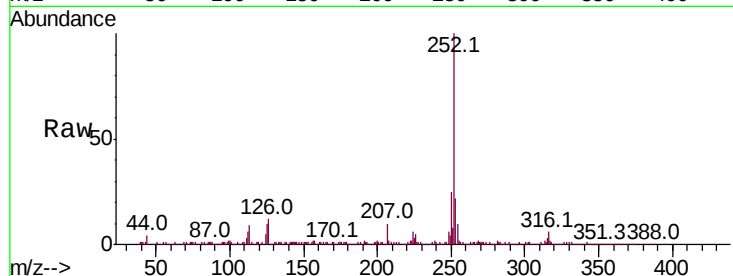
Instrument :

BNA_N

ClientSampleId :

Tot Ion:252 Resp: 1141774

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.4	26.0
125	10.0	7.5	11.3

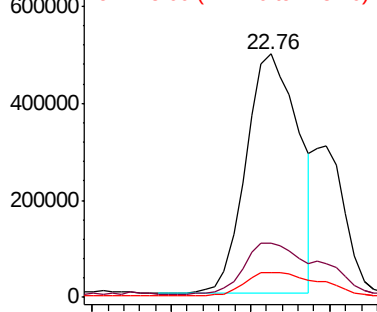


Abundance

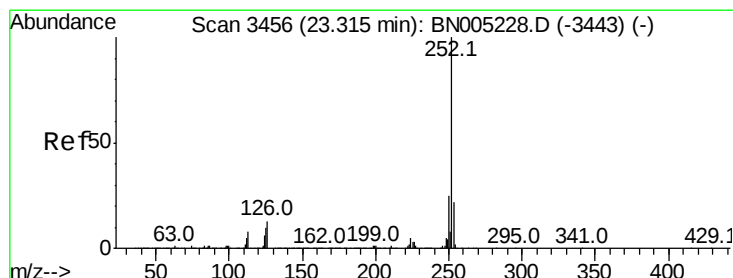
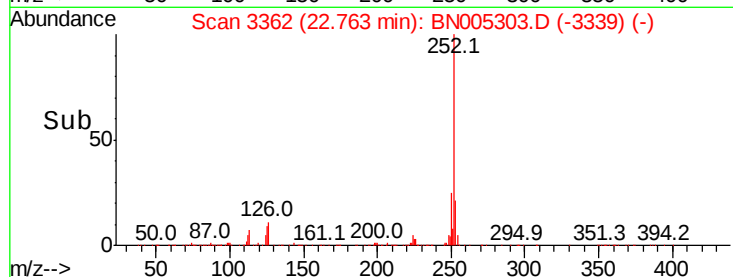
Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



#90

Benzo(a)pyrene

Concen: 9.475 ng/ul

RT: 23.32 min Scan# 3456

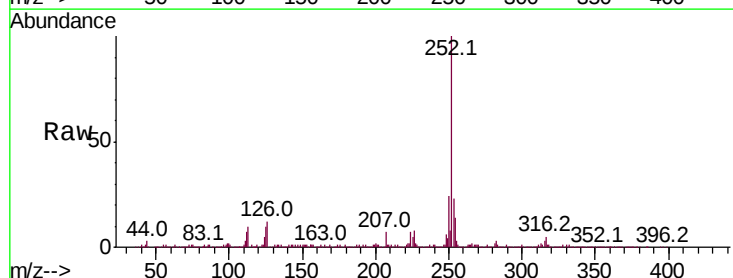
Delta R.T. -0.03 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

Tgt Ion:252 Resp: 1177596

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.3	25.9
125	9.7	8.6	13.0

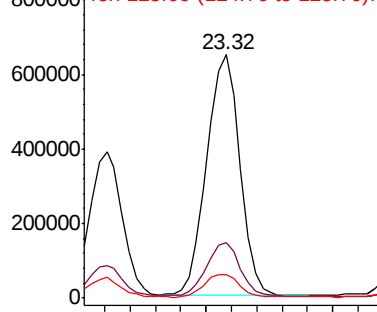


Abundance

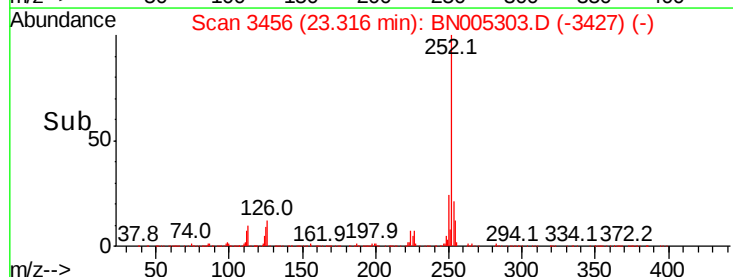
Ion 252.00 (251.70 to 252.70): E

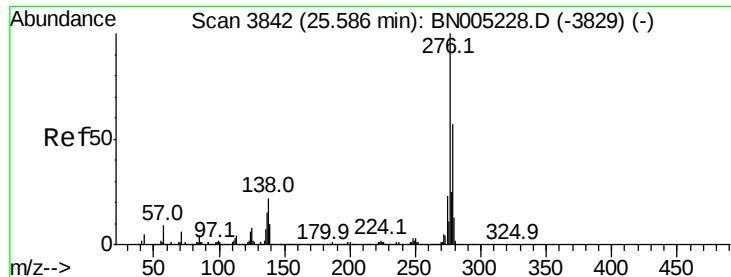
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



Time-->



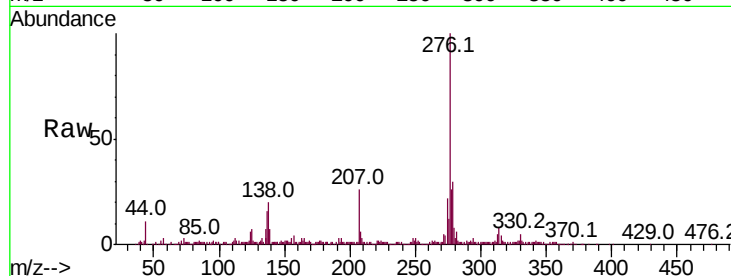


#91

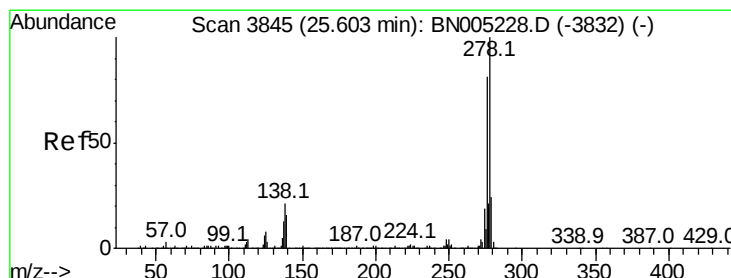
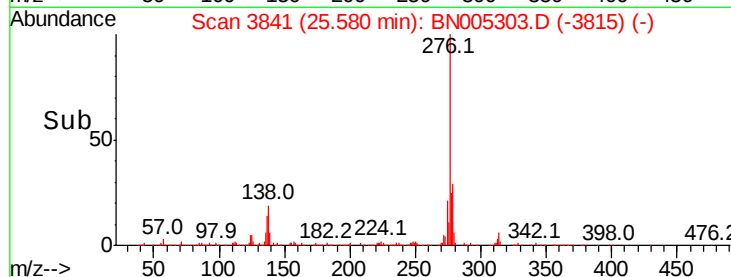
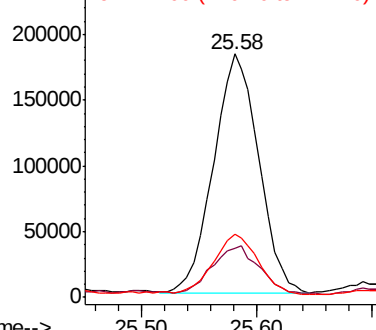
Indeno(1,2,3-cd)pyrene
Concen: 3.583 ng/ul
RT: 25.58 min Scan# 3841
Delta R.T. -0.05 min
Lab File: BN005303.D
Acq: 26 Apr 2019 04:45

Instrument :
BNA_N
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	19.9	17.9	26.9
277	25.8	19.7	29.5



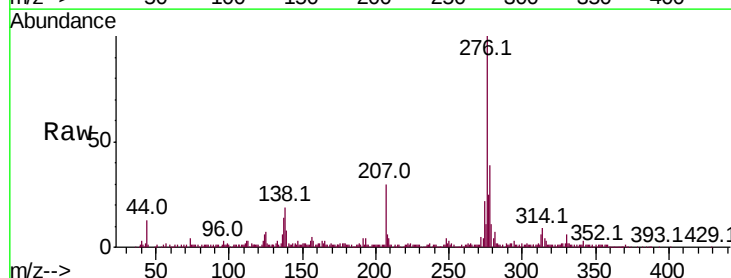
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



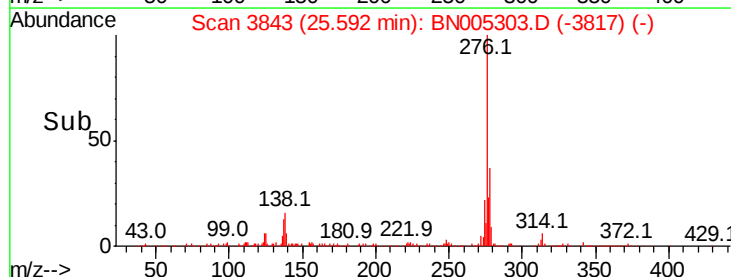
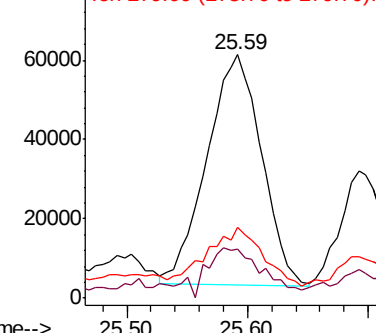
#92

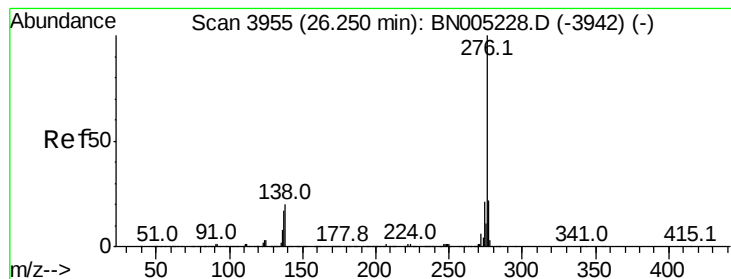
Dibenzo(a,h)anthracene
Concen: 1.573 ng/ul
RT: 25.59 min Scan# 3843
Delta R.T. -0.05 min
Lab File: BN005303.D
Acq: 26 Apr 2019 04:45

Tgt Ion	Ratio	Lower	Upper
278	100		
139	19.9	13.1	19.7#
279	28.8	19.4	29.0



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#93

Benzo(a,h,i)perylene

Concen: 3.590 ng/ul

RT: 26.24 min Scan# 3953

Delta R.T. -0.05 min

Lab File: BN005303.D

Acq: 26 Apr 2019 04:45

Instrument :

BNA_N

ClientSampleId :

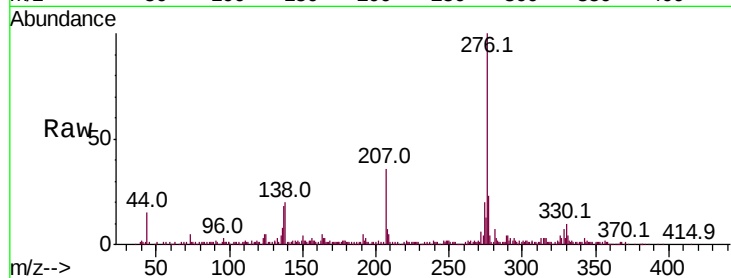
Tot Ion:276 Resp: 407904

Ion Ratio Lower Upper

276 100

138 20.3 16.7 25.1

277 22.6 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

