

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121219\
 Data File : BM024074.D
 Acq On : 13 Dec 2019 00:22
 Operator : JU
 Sample : K6089-12
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 13 01:01:51 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM112719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Dec 07 04:26:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	439059	20.00	ng/ul	0.00
18) Naphthalene-d8	10.24	136	1848995	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.13	164	1117696	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.89	188	2196967	20.00	ng/ul	0.00
78) Chrysene-d12	21.09	240	1736398	20.00	ng/ul	-0.01
86) Perylene-d12	23.23	264	2013571	20.00	ng/ul	-0.02

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	34683	3.51	ng/uL	0.00
5) Phenol-d5	6.66	99	649974	16.89	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.82	67	436800	19.52	ng/ul	0.00
9) 2-Chlorophenol-d4	7.00	132	545442	18.34	ng/ul	-0.01
13) 4-Methylphenol-d8	8.19	113	459081	15.12	ng/ul	-0.01
19) Nitrobenzene-d5	8.62	128	268856	18.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.34	143	293464	17.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.87	165	548215	17.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.39	131	486765	14.36	ng/ul	0.00
44) Dimethylphthalate-d6	13.55	166	1794460	20.66	ng/ul	-0.01
47) Acenaphthylene-d8	13.82	160	2093743	20.57	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.37	143	187572	12.85	ng/ul	0.00
58) Fluorene-d10	15.13	176	1546402	21.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	216159	15.67	ng/ul	0.00
71) Anthracene-d10	16.98	188	2246113	21.41	ng/ul	-0.01
79) Pyrene-d10	19.29	212	2255557	25.14	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.09	264	2373451	22.30	ng/ul	-0.02

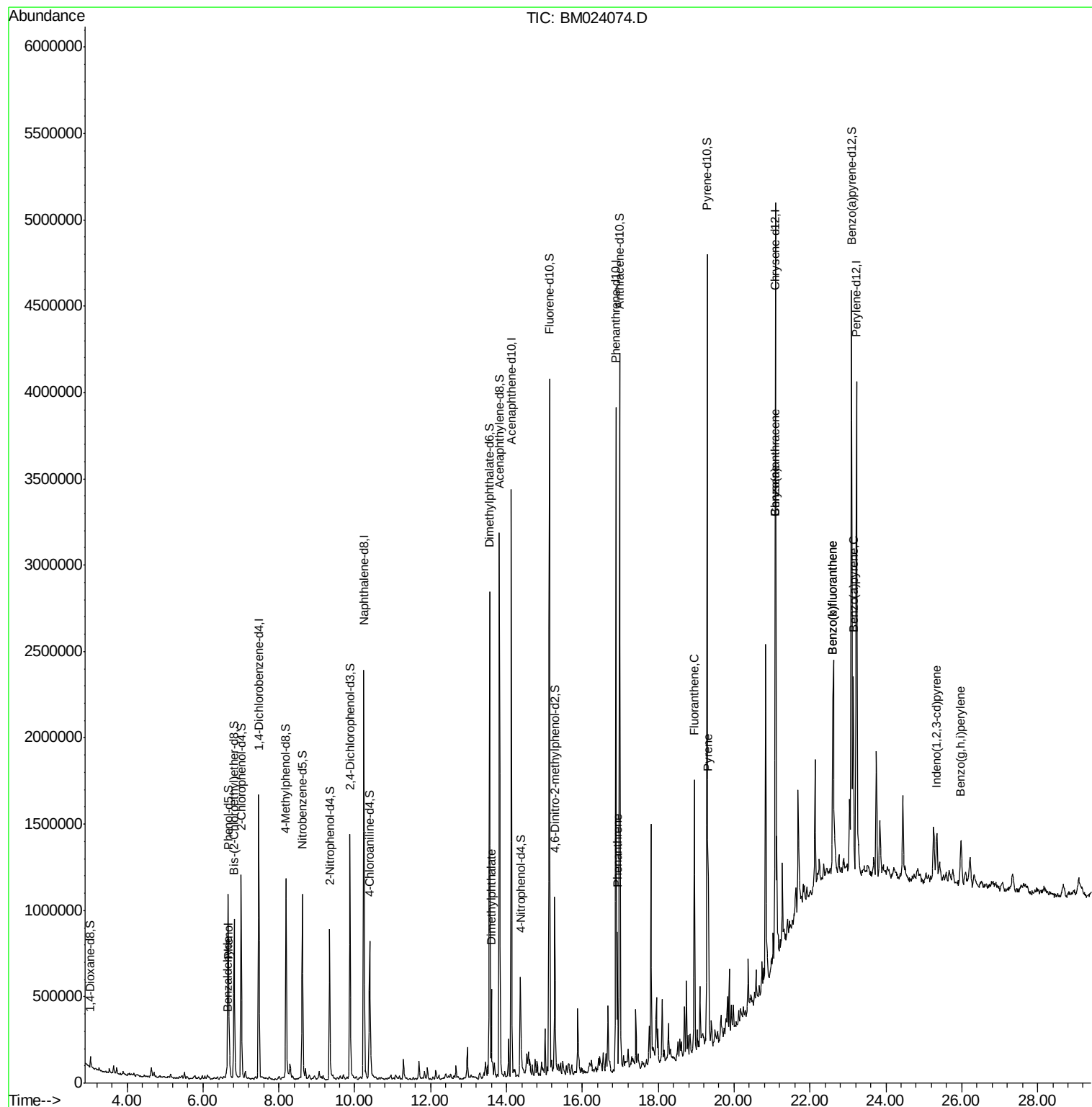
Target Compounds				Ovalue		
4) Benzaldehyde	6.63	77	21494	1.061	ng/ul	93
6) Phenol	6.69	94	155924	3.939	ng/ul	98
45) Dimethylphthalate	13.60	163	311654	3.666	ng/ul	98
70) Phenanthrene	16.93	178	464012	3.739	ng/ul	99
77) Fluoranthene	18.95	202	899539	6.758	ng/ul	99
80) Pyrene	19.32	202	751899	6.427	ng/ul	100
83) Benzo(a)anthracene	21.07	228	356410	3.071	ng/ul	96
85) Chrysene	21.07	228	356410	3.270	ng/ul	95
88) Benzo(b)fluoranthene	22.60	252	527725	4.238	ng/ul#	95
89) Benzo(k)fluoranthene	22.60	252	527725	4.464	ng/ul#	95
91) Benzo(a)pyrene	23.14	252	341373	2.899	ng/ul#	93
92) Indeno(1,2,3-cd)pyrene	25.34	276	264018	1.806	ng/ul	98
94) Benzo(g,h,i)perylene	25.99	276	299463	2.446	ng/ul	98

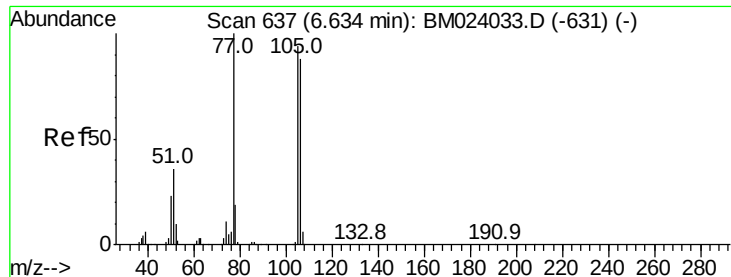
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Sat Dec 07 04:26:57 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.061 ng/ul

RT: 6.63 min Scan# 637

Delta R.T. 0.00 min

Lab File: BM024074.D

Acq: 13 Dec 2019 00:22

Instrument :

BNA_M

ClientSampled :

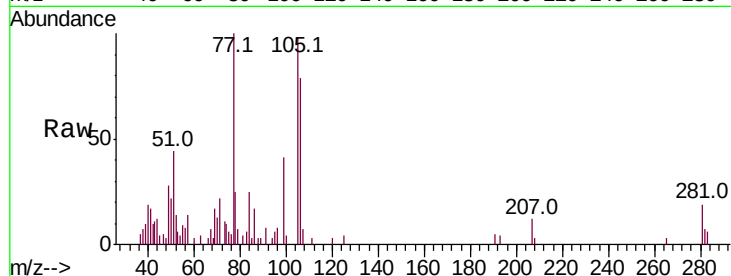
Tot Ion: 77 Resp: 21494

Ion Ratio Lower Upper

77 100

105 97.5 78.1 117.1

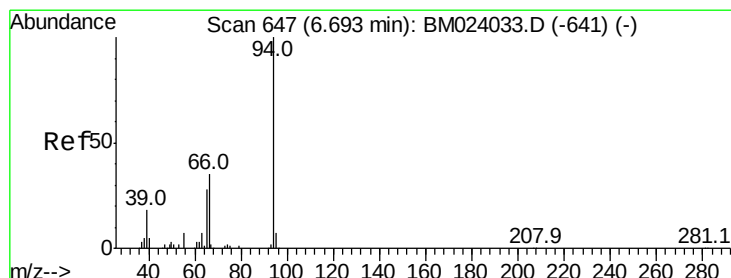
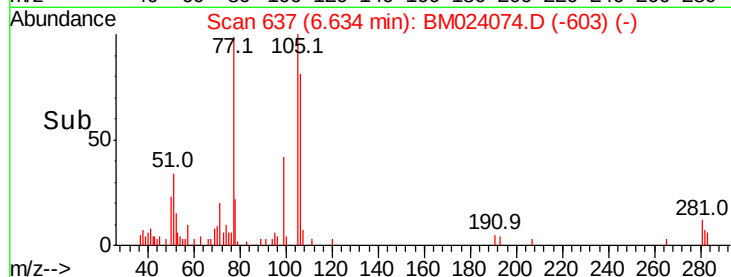
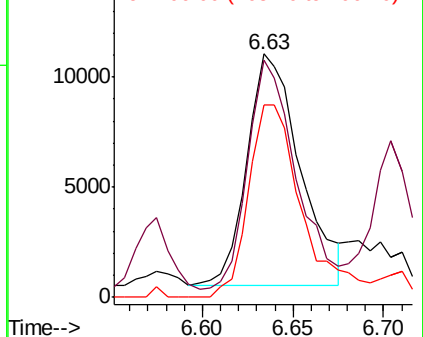
106 79.0 73.8 110.6



Abundance Ion 77.00 (76.70 to 77.70): BM024033.D (-631) (-)

Ion 105.00 (104.70 to 105.70): BM024033.D (-631) (-)

Ion 106.00 (105.70 to 106.70): BM024033.D (-631) (-)



#6

Phenol

Concen: 3.939 ng/ul

RT: 6.69 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM024074.D

Acq: 13 Dec 2019 00:22

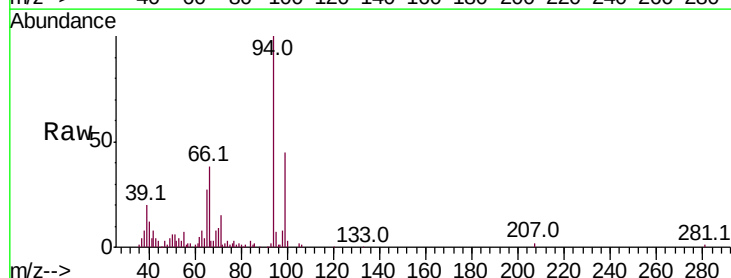
Tgt Ion: 94 Resp: 155924

Ion Ratio Lower Upper

94 100

65 27.1 21.7 32.5

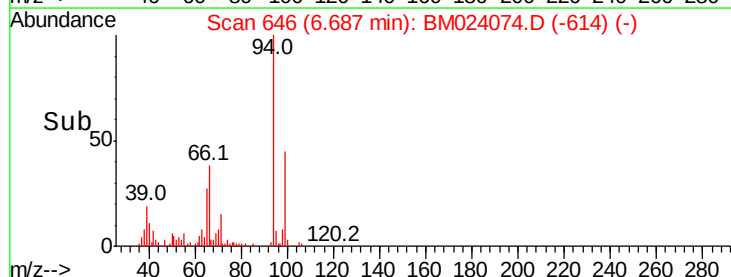
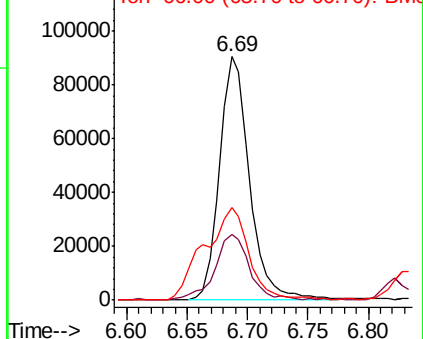
66 37.8 28.8 43.2

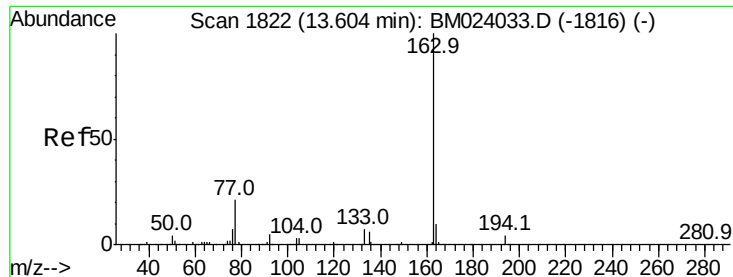


Abundance Ion 94.00 (93.70 to 94.70): BM024033.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM024033.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM024033.D (-641) (-)

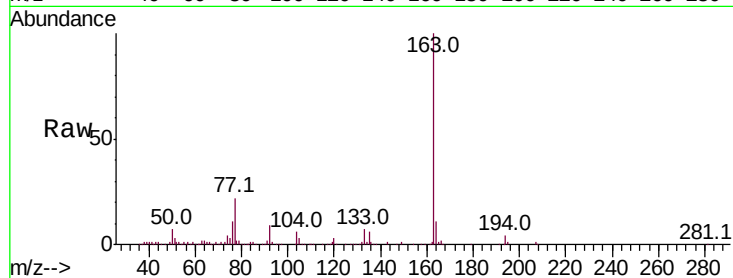




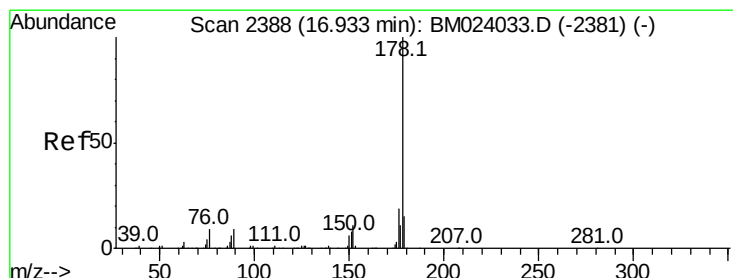
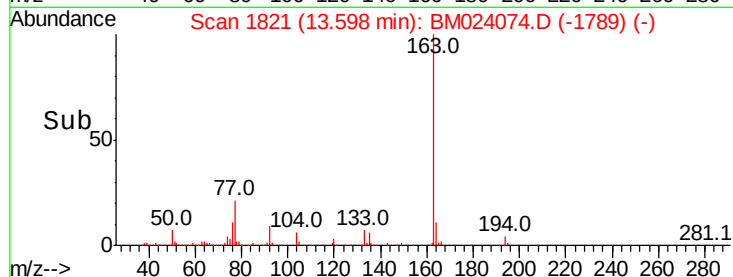
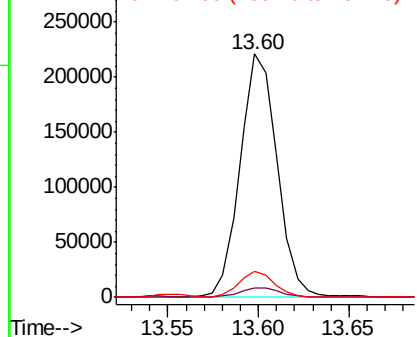
#45
Dimethylphthalate
Concen: 3.666 ng/ul
RT: 13.60 min Scan# 1821
Delta R.T. -0.01 min
Lab File: BM024074.D
Acq: 13 Dec 2019 00:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.3	4.9
164	10.8	7.9	11.9

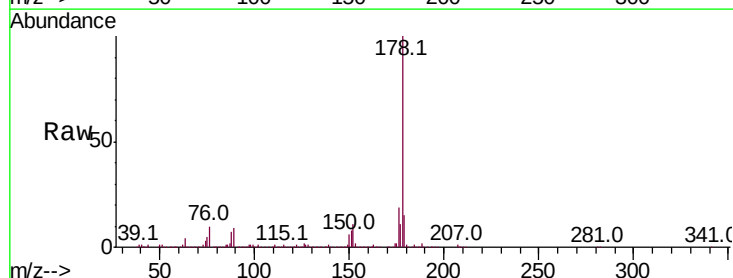


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

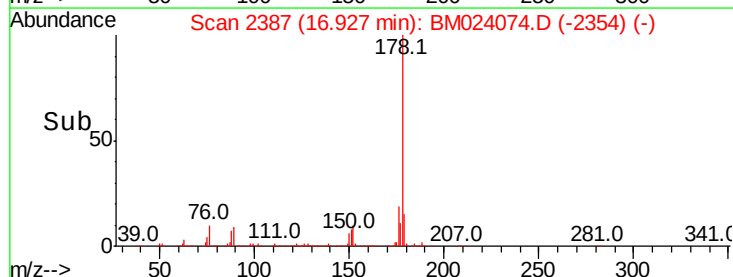
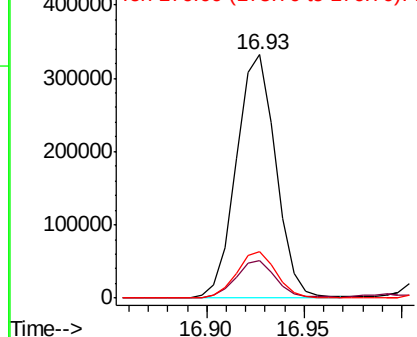


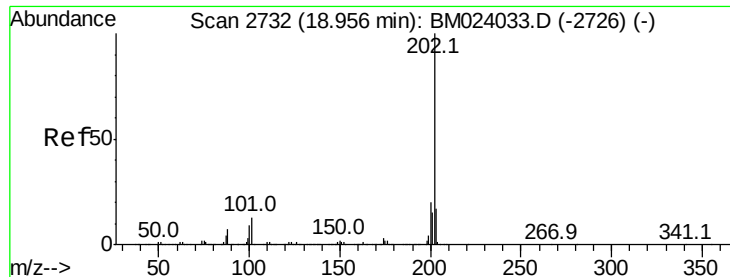
#70
Phenanthrene
Concen: 3.739 ng/ul
RT: 16.93 min Scan# 2387
Delta R.T. -0.01 min
Lab File: BM024074.D
Acq: 13 Dec 2019 00:22

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.0	18.0
176	19.0	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

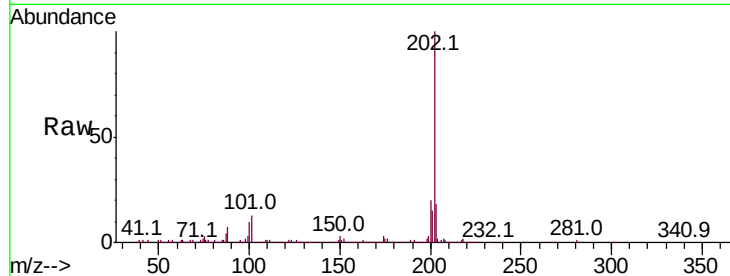




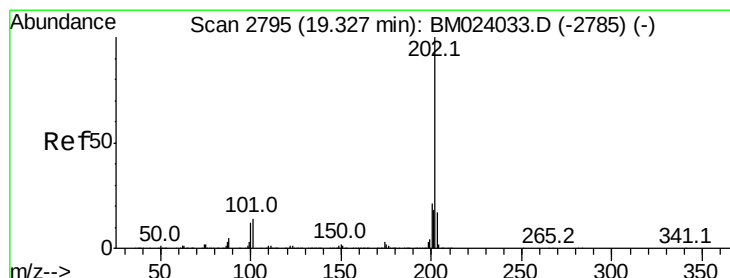
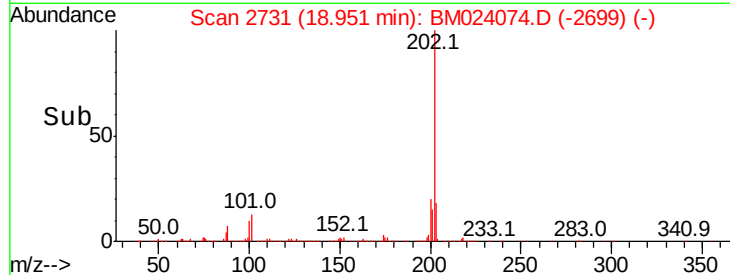
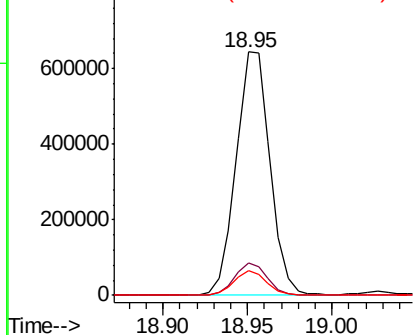
#77
Fluoranthene
Concen: 6.758 ng/ul
RT: 18.95 min Scan# 2731
Delta R.T. -0.01 min
Lab File: BM024074.D
Acq: 13 Dec 2019 00:22

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.1	15.1
100	10.2	7.8	11.6

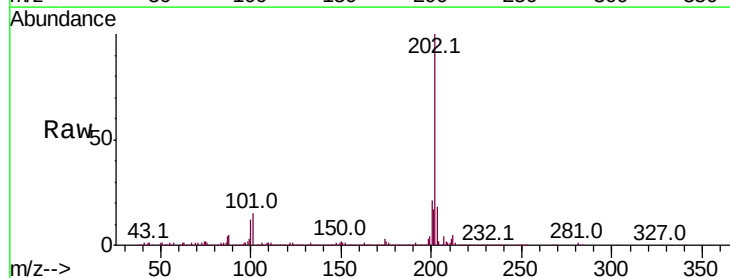


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

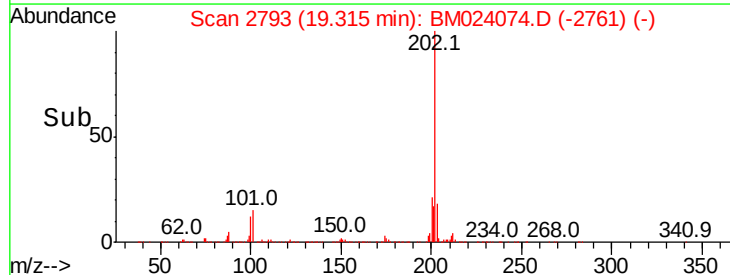
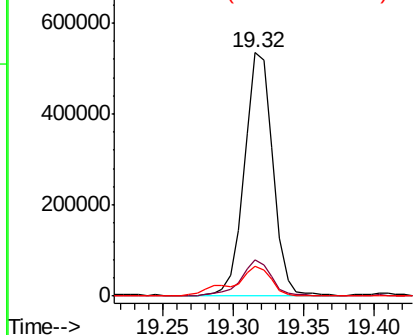


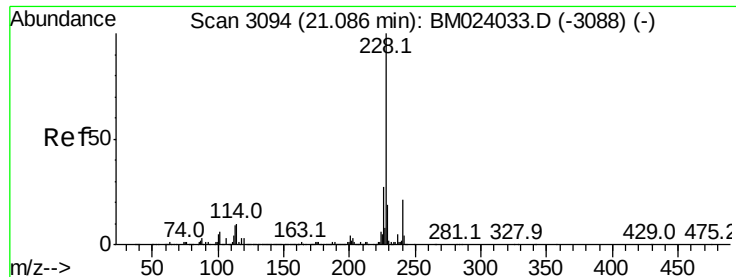
#80
Pyrene
Concen: 6.427 ng/ul
RT: 19.32 min Scan# 2793
Delta R.T. -0.01 min
Lab File: BM024074.D
Acq: 13 Dec 2019 00:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.8	17.6
100	12.2	9.8	14.6



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: 3.071 ng/ul

RT: 21.07 min Scan# 3092

Delta R.T. -0.01 min

Lab File: BM024074.D

Acq: 13 Dec 2019 00:22

Instrument :

BNA_M

ClientSampleId :

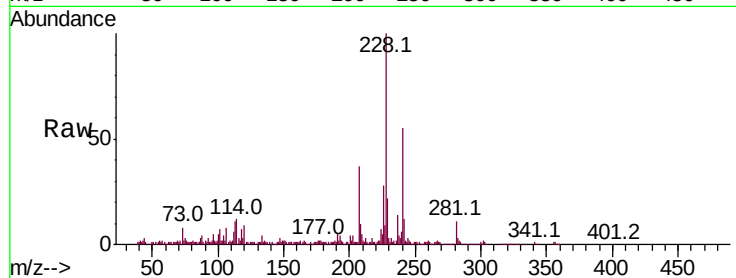
Tot Ion:228 Resp: 356410

Ion Ratio Lower Upper

228 100

229 22.3 15.6 23.4

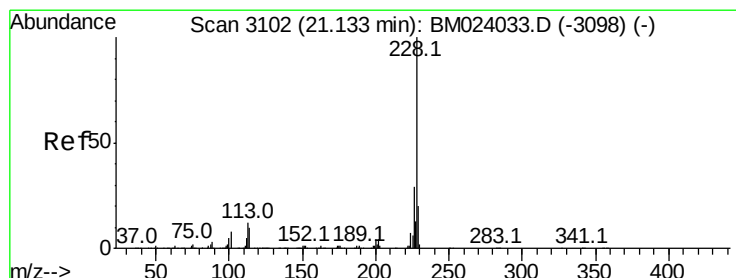
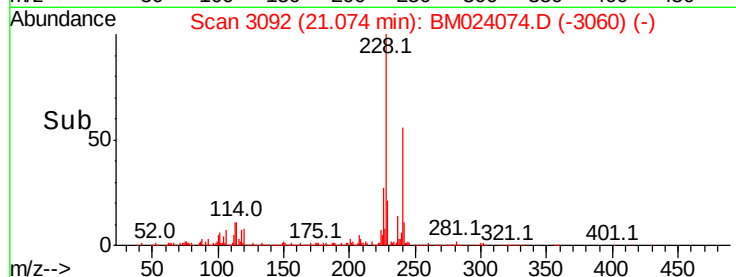
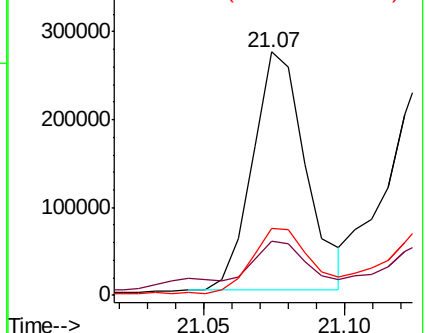
226 27.6 21.4 32.0



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



#85

Chrysene

Concen: 3.270 ng/ul

RT: 21.07 min Scan# 3092

Delta R.T. -0.06 min

Lab File: BM024074.D

Acq: 13 Dec 2019 00:22

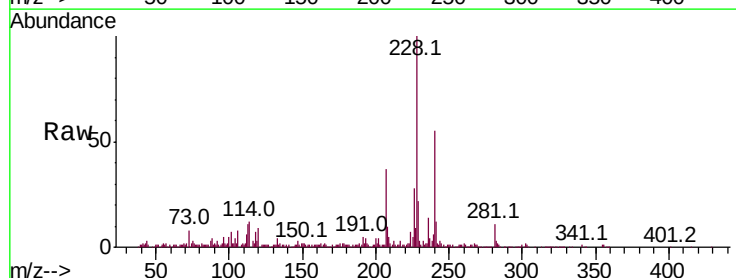
Tgt Ion:228 Resp: 356410

Ion Ratio Lower Upper

228 100

226 27.6 23.4 35.2

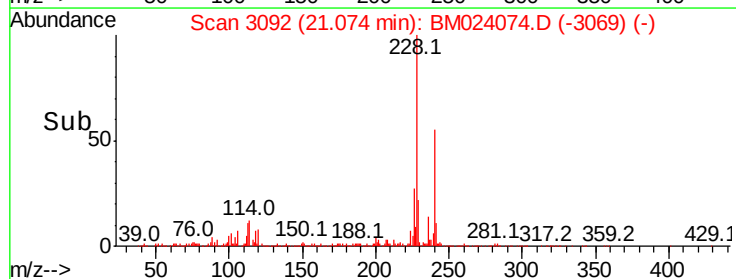
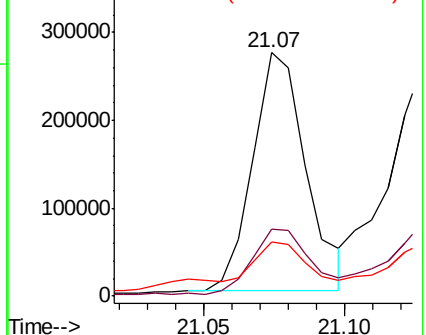
229 22.3 15.3 22.9

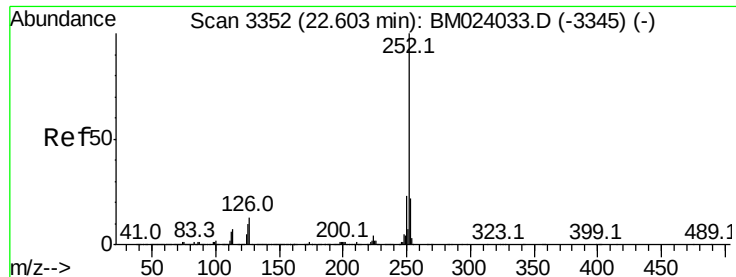


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 4.238 ng/ul

RT: 22.60 min Scan# 3351

Delta R.T. -0.01 min

Lab File: BM024074.D

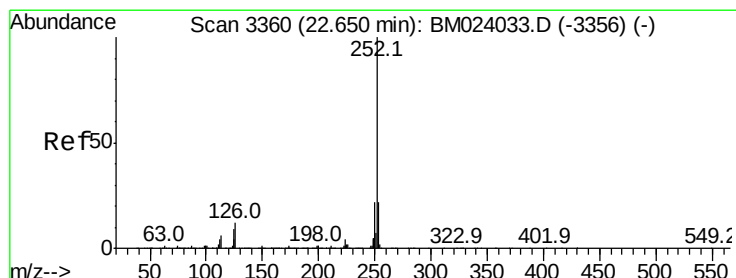
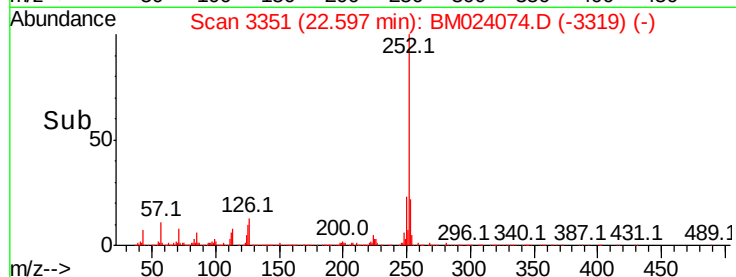
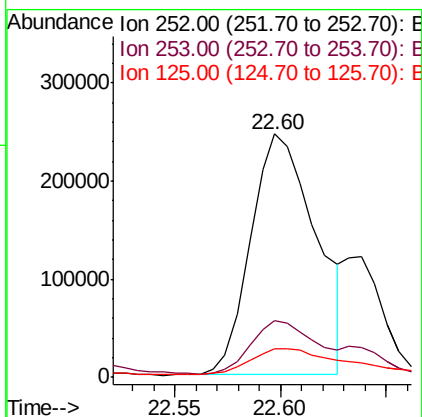
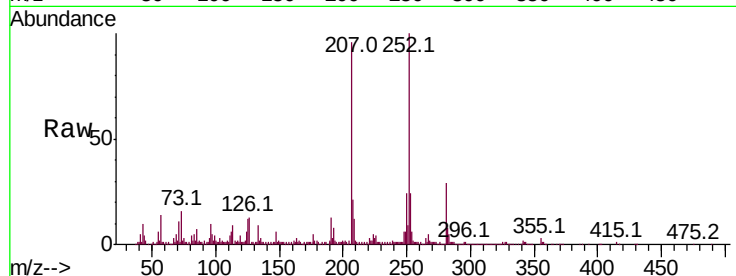
Acq: 13 Dec 2019 00:22

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	527725
Ion Ratio	Lower	Upper
252	100	
253	23.5	17.4 26.0
125	11.6	7.4 11.2#



#89

Benzo(k)fluoranthene

Concen: 4.464 ng/ul

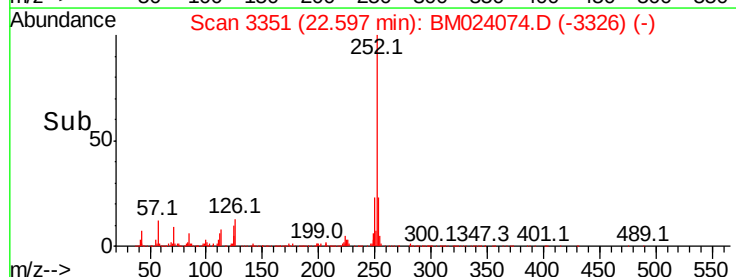
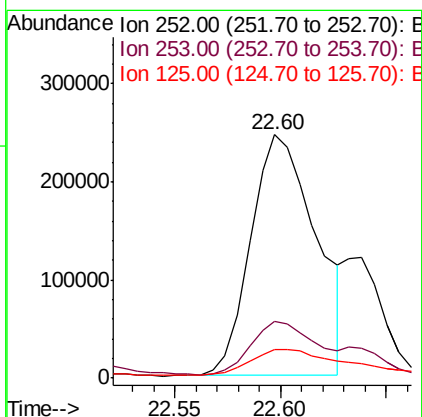
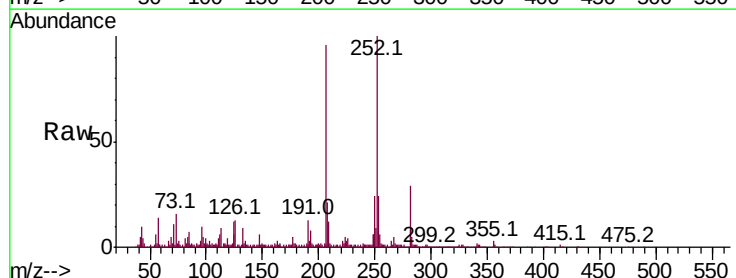
RT: 22.60 min Scan# 3351

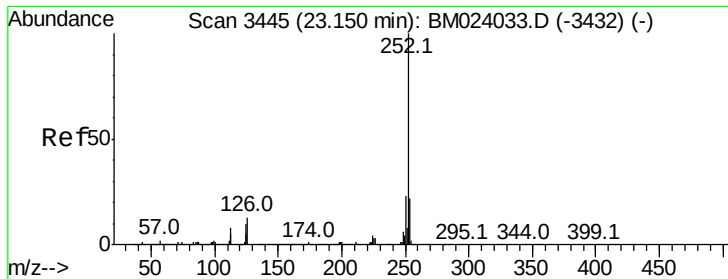
Delta R.T. -0.05 min

Lab File: BM024074.D

Acq: 13 Dec 2019 00:22

Tgt Ion:252	Resp:	527725
Ion Ratio	Lower	Upper
252	100	
253	23.5	17.2 25.8
125	11.6	7.0 10.4#





#91

Benzo(a)pyrene

Concen: 2.899 ng/ul

RT: 23.14 min Scan# 3443

Delta R.T. -0.02 min

Lab File: BM024074.D

Acq: 13 Dec 2019 00:22

Instrument :

BNA_M

ClientSampled :

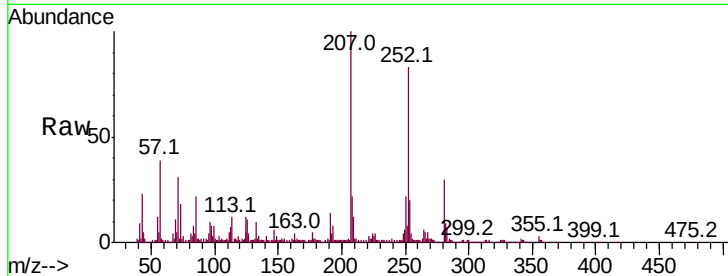
Tot Ion:252 Resp: 341373

Ion Ratio Lower Upper

252 100

253 24.2 17.2 25.8

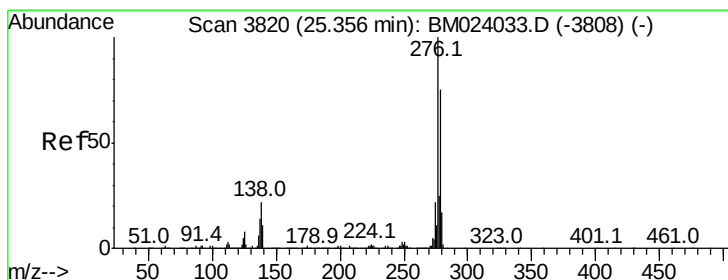
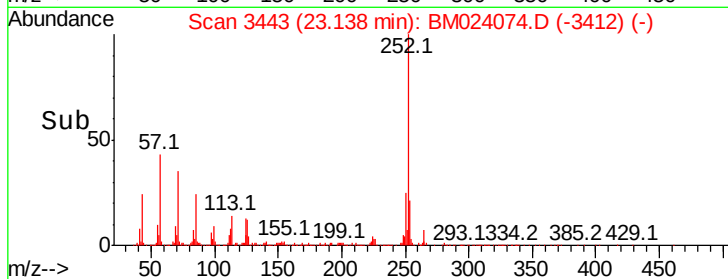
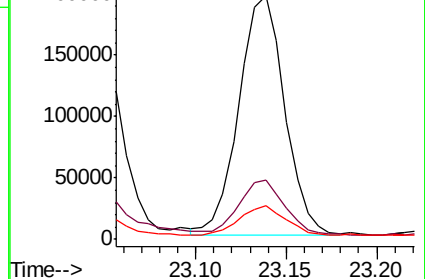
125 14.0 7.8 11.6#



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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.806 ng/ul

RT: 25.34 min Scan# 3817

Delta R.T. -0.03 min

Lab File: BM024074.D

Acq: 13 Dec 2019 00:22

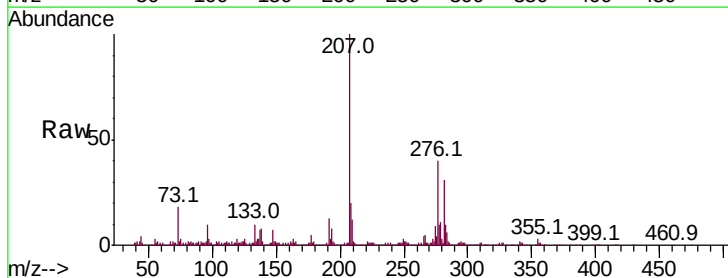
Tgt Ion:276 Resp: 264018

Ion Ratio Lower Upper

276 100

138 20.3 17.0 25.6

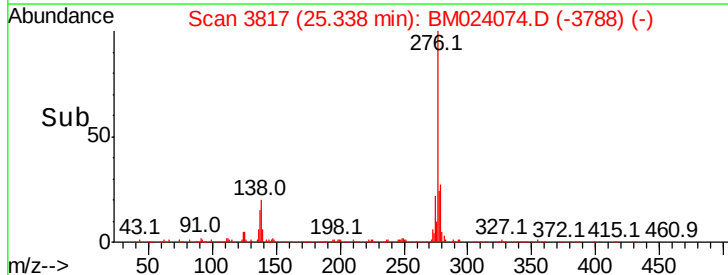
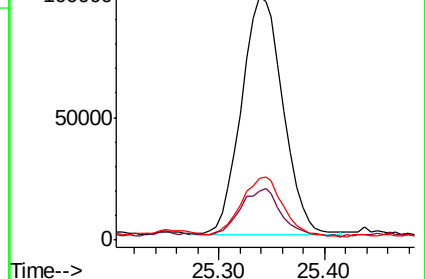
277 25.4 19.8 29.8

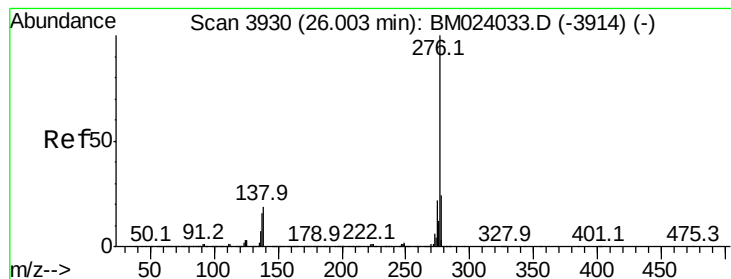


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.446 ng/ul

RT: 25.99 min Scan# 3927

Delta R.T. -0.03 min

Lab File: BM024074.D

Acq: 13 Dec 2019 00:22

Instrument :

BNA_M

ClientSampleId :

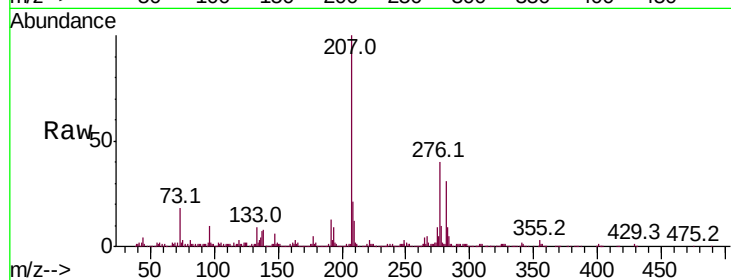
Tot Ion: 276 Resp: 299463

Ion Ratio Lower Upper

276 100

138 19.8 14.9 22.3

277 24.3 19.1 28.7



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

