

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080318\
 Data File : BM016179.D
 Acq On : 03 Aug 2018 14:41
 Operator : SJ/JU
 Sample : J4178-09
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Aug 04 01:05:42 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM071318MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Aug 04 01:03:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.19	152	49251	20.00	ng/ul	0.00
18) Naphthalene-d8	11.00	136	206221	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.82	164	100561	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.54	188	202653	20.00	ng/ul	0.00
77) Chrysene-d12	21.67	240	198575	20.00	ng/ul	0.00
85) Perylene-d12	24.03	264	209158	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	846	0.76	ng/uL	0.00
5) Phenol-d5	7.35	99	45123	10.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.51	67	29615	10.46	ng/ul	0.00
9) 2-Chlorophenol-d4	7.72	132	42324	11.58	ng/ul	0.00
13) 4-Methylphenol-d8	8.91	113	38150	9.90	ng/ul	0.00
19) Nitrobenzene-d5	9.38	128	19914	13.45	ng/ul	0.00
22) 2-Nitrophenol-d4	10.10	143	23465	13.94	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.64	165	39578	12.14	ng/ul	0.00
29) 4-Chloroaniline-d4	11.17	131	22241	5.61	ng/ul	0.01
43) Dimethylphthalate-d6	14.22	166	135160	14.75	ng/ul	0.00
46) Acenaphthylene-d8	14.51	160	145476	13.91	ng/ul	0.00
51) 4-Nitrophenol-d4	15.06	143	10760	6.77	ng/ul	0.02
57) Fluorene-d10	15.80	176	105931	13.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.95	200	10982	8.12	ng/ul	0.00
70) Anthracene-d10	17.64	188	146155	14.09	ng/ul	0.00
78) Pyrene-d10	19.91	212	142402	15.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.87	264	144645	12.57	ng/ul	0.00

Target Compounds

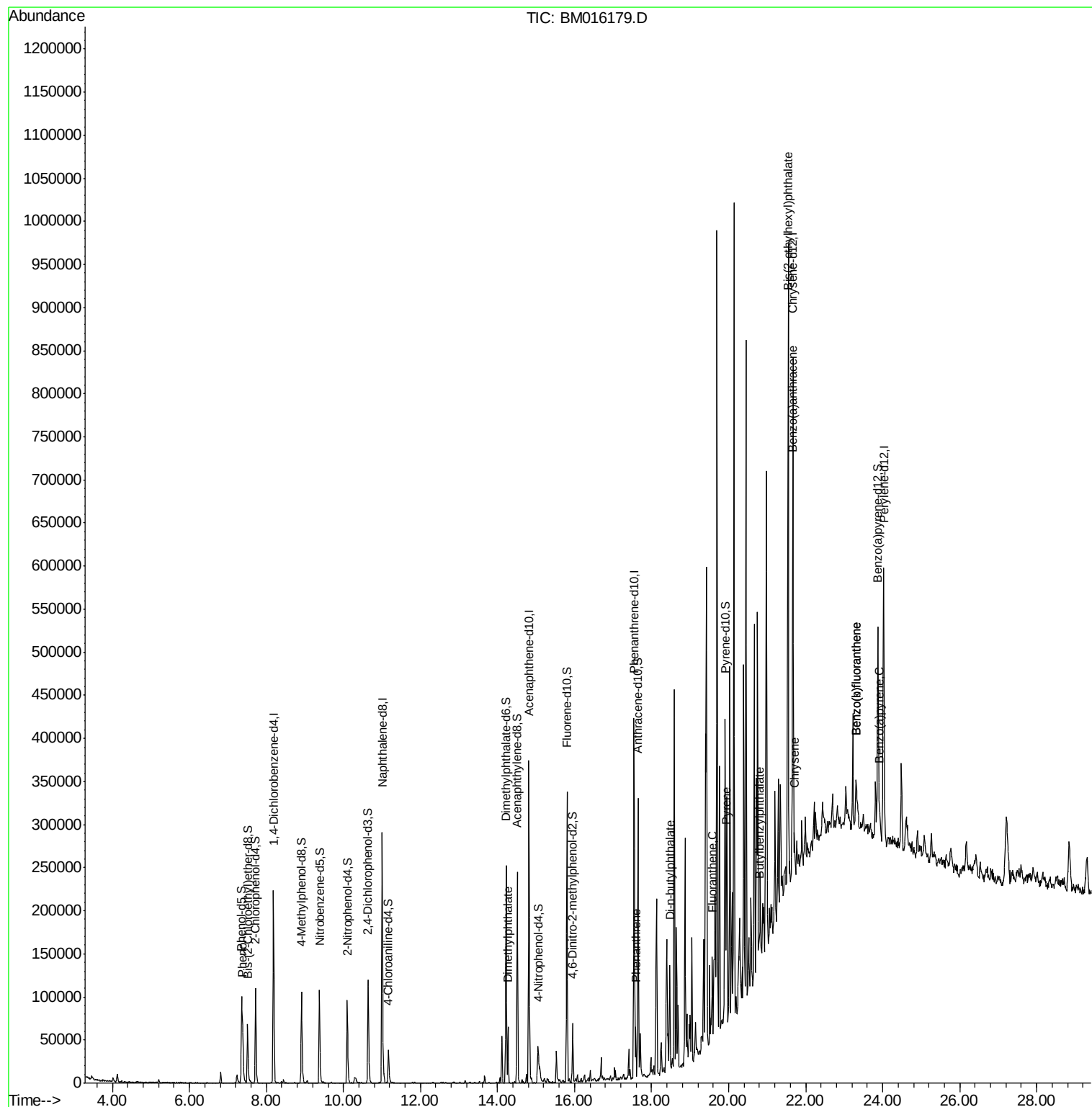
					Ovalue	
6) Phenol	7.38	94	26652	5.897	ng/ul#	61
44) Dimethylphthalate	14.27	163	35414	3.901	ng/ul	97
69) Phenanthrene	17.59	178	29459	2.459	ng/ul	95
75) Di-n-butylphthalate	18.47	149	67680	4.731	ng/ul#	96
76) Fluoranthene	19.58	202	46232	3.075	ng/ul#	94
79) Pyrene	19.94	202	38637	3.301	ng/ul	95
80) Butylbenzylphthalate	20.79	149	7532	1.337	ng/ul#	58
82) Benzo(a)anthracene	21.66	228	24802	1.932	ng/ul	95
83) Bis(2-ethylhexyl)phthalate	21.54	149	226470	27.422	ng/ul	94
84) Chrysene	21.71	228	23534	1.960	ng/ul	96
87) Benzo(b)fluoranthene	23.32	252	38939	2.902	ng/ul#	94
88) Benzo(k)fluoranthene	23.32	252	38983	3.039	ng/ul#	93
90) Benzo(a)pyrene	23.92	252	17229	1.336	ng/ul#	80

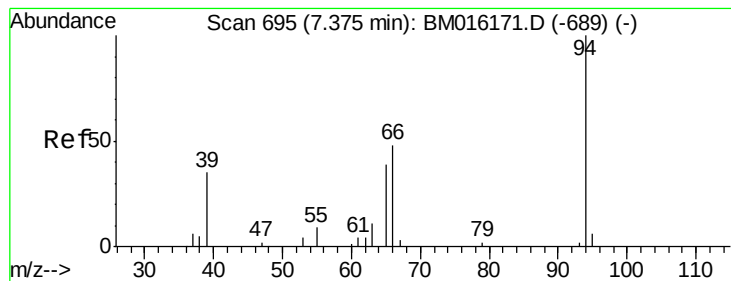
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Aug 04 01:03:47 2018
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#6

Phenol

Concen: 5.897 ng/ul

RT: 7.38 min Scan# 696

Delta R.T. 0.01 min

Lab File: BM016179.D

Acq: 03 Aug 2018 14:41

Instrument :

BNA_M

ClientSampleId :

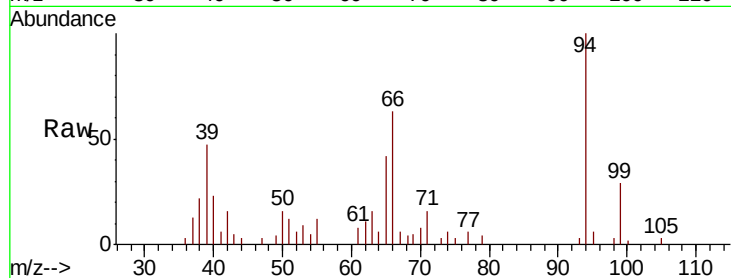
Tot Ion: 94 Resp: 26652

Ion Ratio Lower Upper

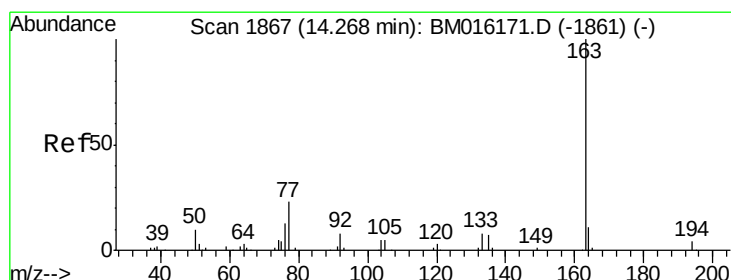
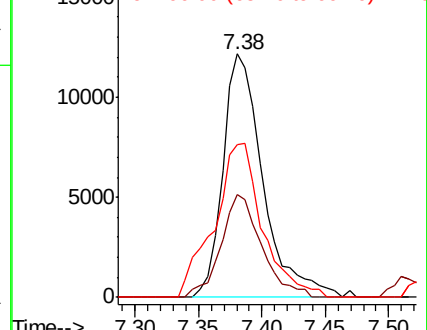
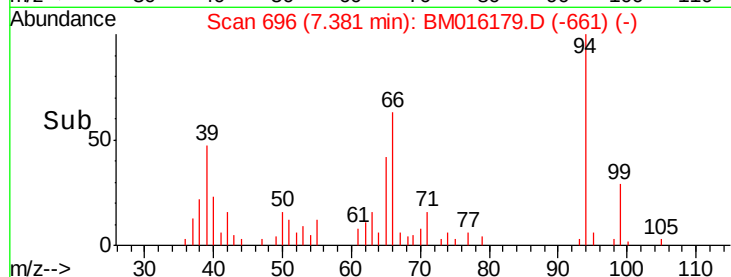
94 100

65 42.4 21.0 31.6#

66 62.6 29.3 43.9#



Abundance Ion 94.00 (93.70 to 94.70): BM016171.D (-689) (-)



#44

Dimethylphthalate

Concen: 3.901 ng/ul

RT: 14.27 min Scan# 1867

Delta R.T. 0.00 min

Lab File: BM016179.D

Acq: 03 Aug 2018 14:41

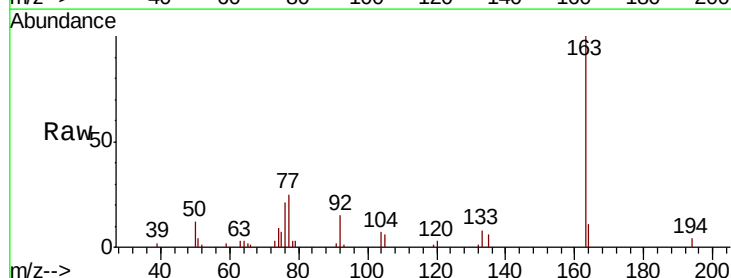
Tgt Ion:163 Resp: 35414

Ion Ratio Lower Upper

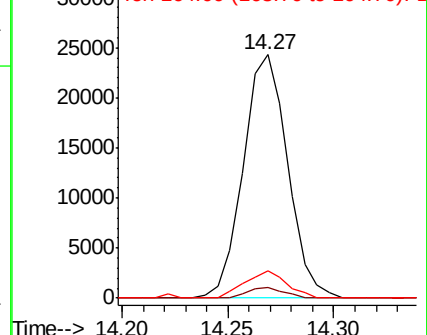
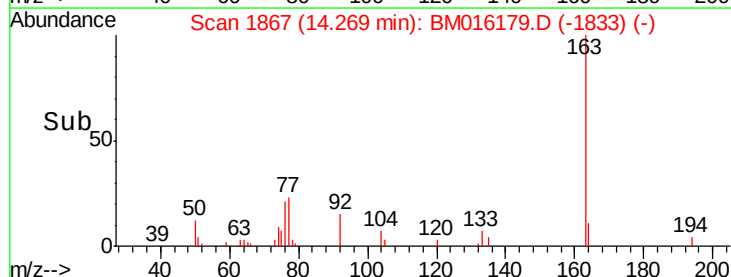
163 100

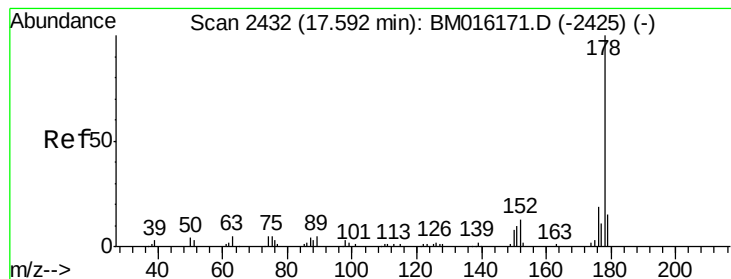
194 4.3 3.2 4.8

164 11.2 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): BM016171.D (-1861) (-)





#69

Phenanthrene

Concen: 2.459 ng/ul

RT: 17.59 min Scan# 2432

Delta R.T. 0.00 min

Lab File: BM016179.D

Acq: 03 Aug 2018 14:41

Instrument :

BNA_M

ClientSampleId :

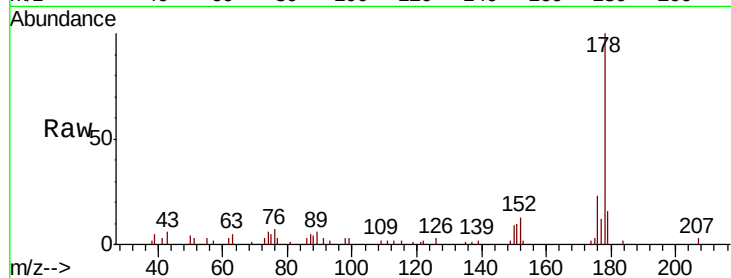
Tot Ion:178 Resp: 29459

Ion Ratio Lower Upper

178 100

179 16.3 12.2 18.4

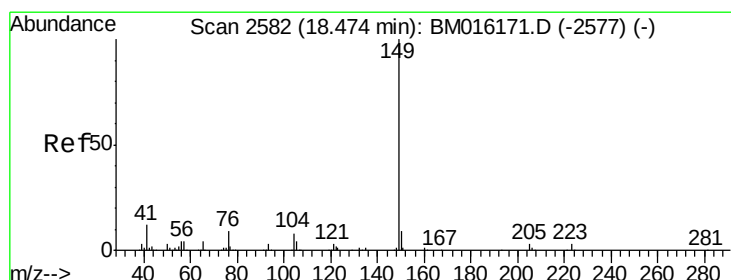
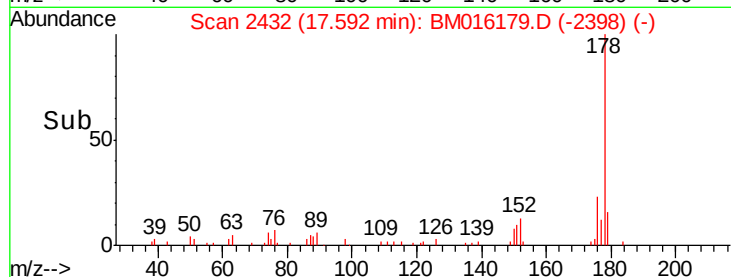
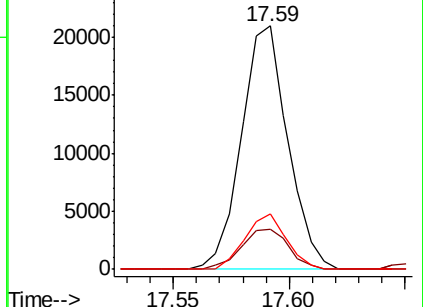
176 22.7 15.6 23.4



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



#75

Di-n-butylphthalate

Concen: 4.731 ng/ul

RT: 18.47 min Scan# 2582

Delta R.T. 0.00 min

Lab File: BM016179.D

Acq: 03 Aug 2018 14:41

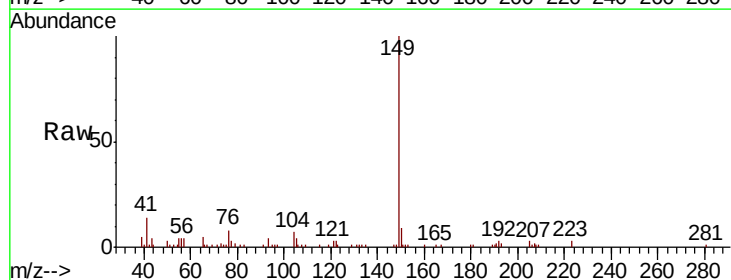
Tgt Ion:149 Resp: 67680

Ion Ratio Lower Upper

149 100

150 8.5 7.4 11.0

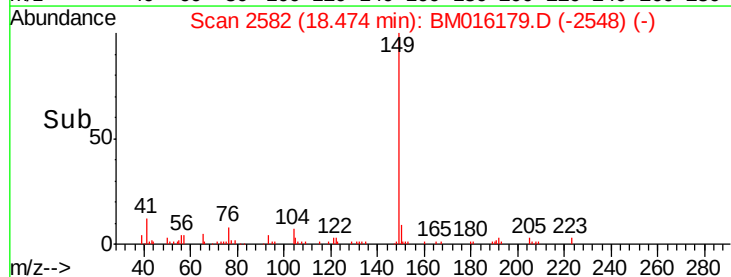
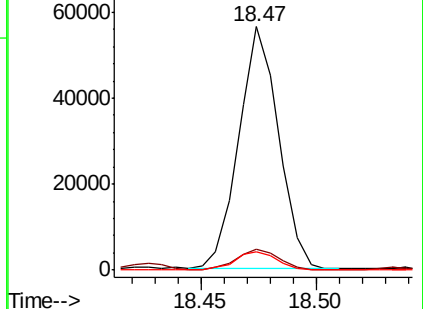
104 7.4 4.0 6.0#

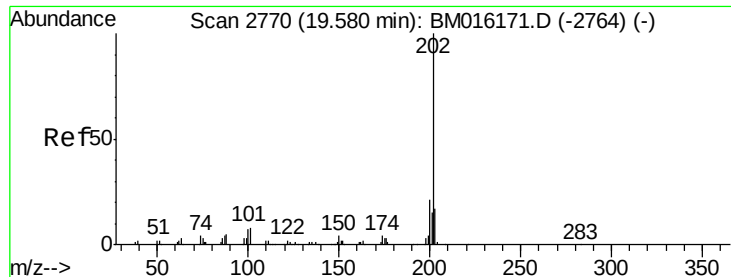


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#76

Fluoranthene

Concen: 3.075 ng/ul

RT: 19.58 min Scan# 2770

Delta R.T. 0.00 min

Lab File: BM016179.D

Acq: 03 Aug 2018 14:41

Instrument :

BNA_M

ClientSampleId :

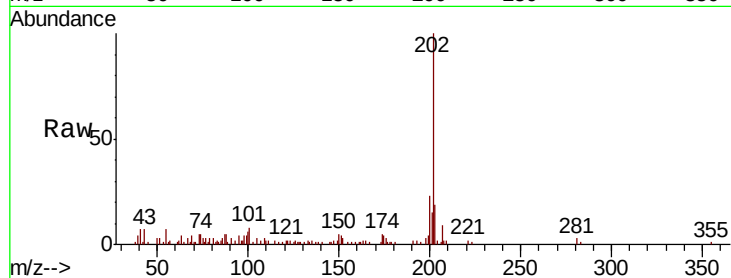
Tot Ion:202 Resp: 46232

Ion Ratio Lower Upper

202 100

101 8.4 8.8 13.2#

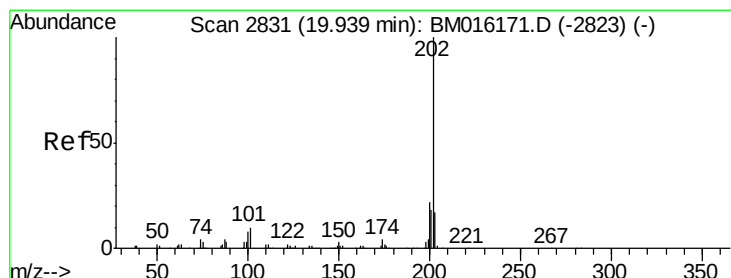
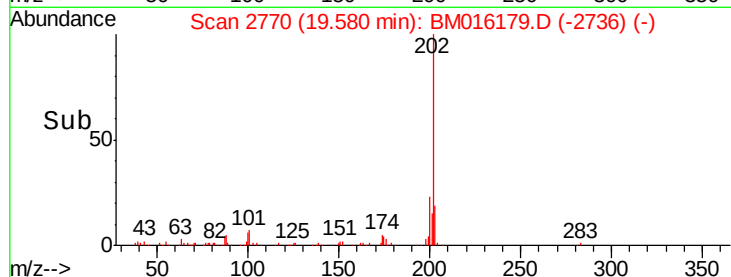
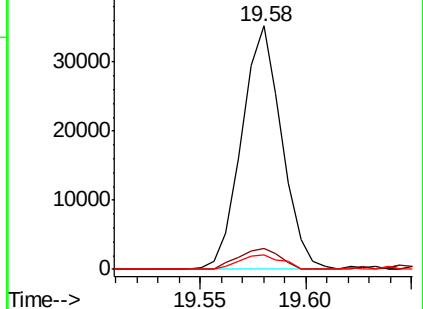
100 6.1 6.6 9.8#



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: 3.301 ng/ul

RT: 19.94 min Scan# 2831

Delta R.T. 0.00 min

Lab File: BM016179.D

Acq: 03 Aug 2018 14:41

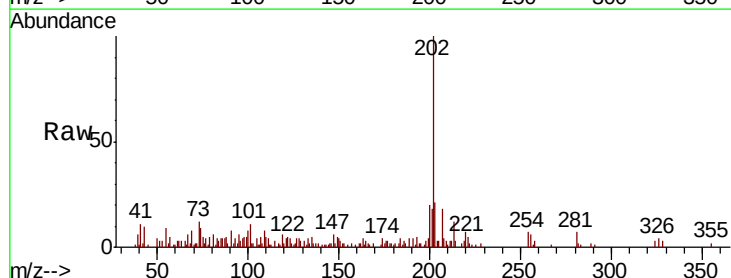
Tgt Ion:202 Resp: 38637

Ion Ratio Lower Upper

202 100

101 10.7 10.2 15.2

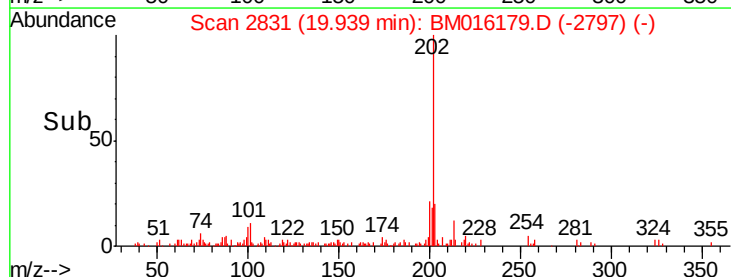
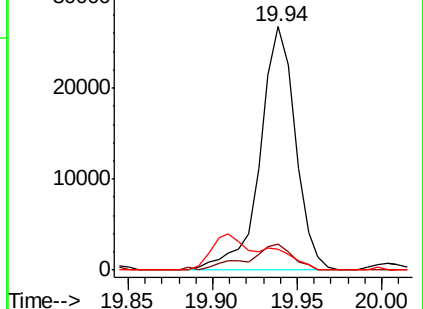
100 8.5 8.5 12.7

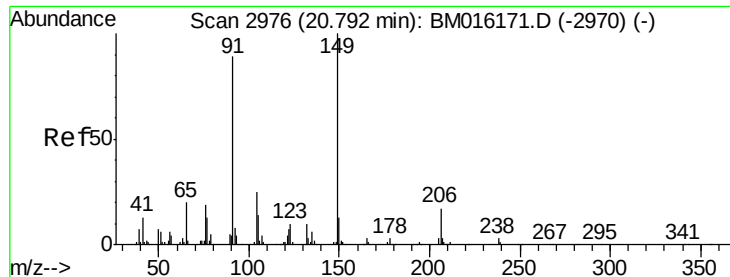


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

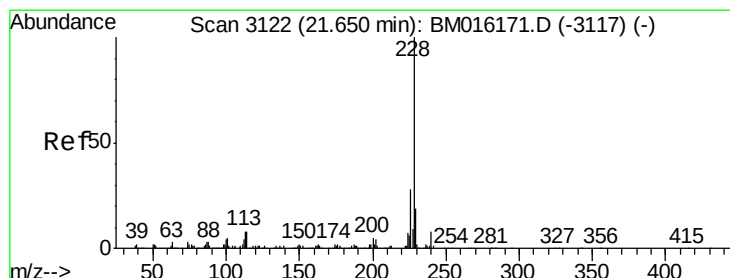
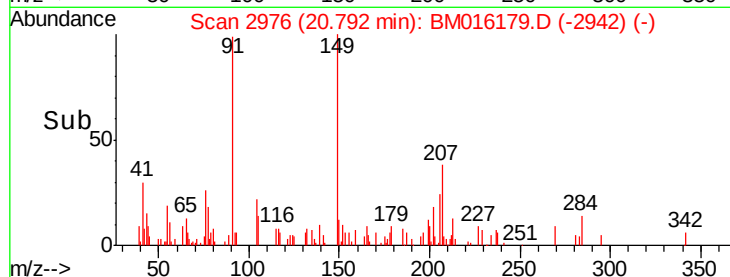
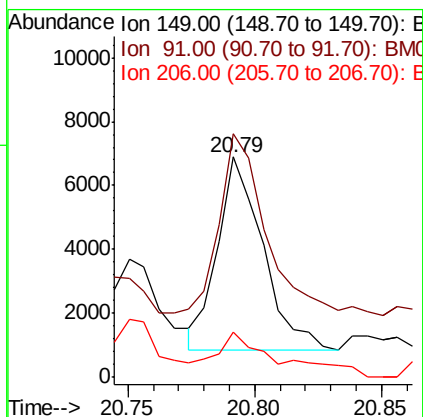
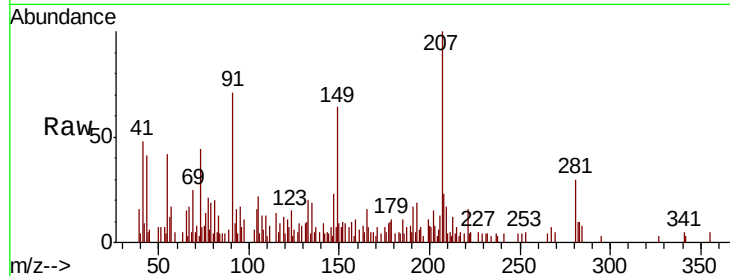




#80
Butylbenzylphthalate
Concen: 1.337 ng/ul
RT: 20.79 min Scan# 2976
Delta R.T. 0.00 min
Lab File: BM016179.D
Acq: 03 Aug 2018 14:41

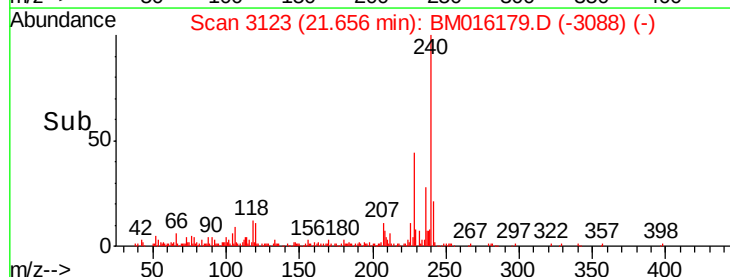
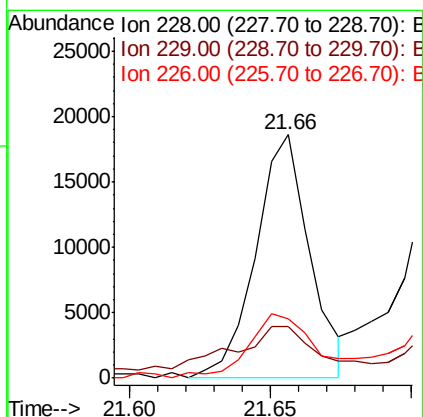
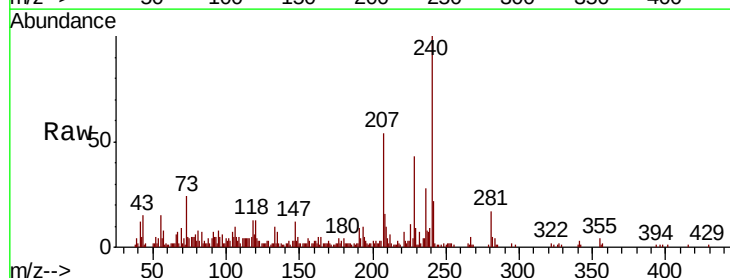
Instrument :
BNA_M
ClientSampleId :

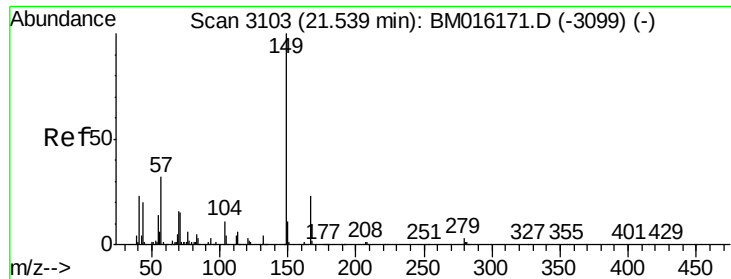
Tot Ion	Ratio	Lower	Upper
149	100		
91	110.5	53.4	80.2#
206	20.3	16.6	24.8



#82
Benzo(a)anthracene
Concen: 1.932 ng/ul
RT: 21.66 min Scan# 3123
Delta R.T. 0.01 min
Lab File: BM016179.D
Acq: 03 Aug 2018 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	24.5	21.8	32.6

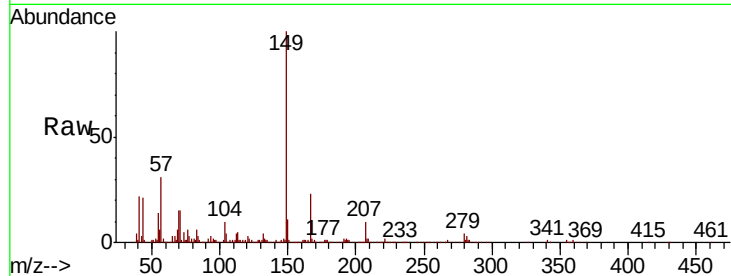




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 27.422 ng/ul
 RT: 21.54 min Scan# 3104
 Delta R.T. 0.01 min
 Lab File: BM016179.D
 Acq: 03 Aug 2018 14:41

Instrument :
 BNA_M
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
149	100		
167	23.2	21.6	32.4
279	3.7	3.0	4.4

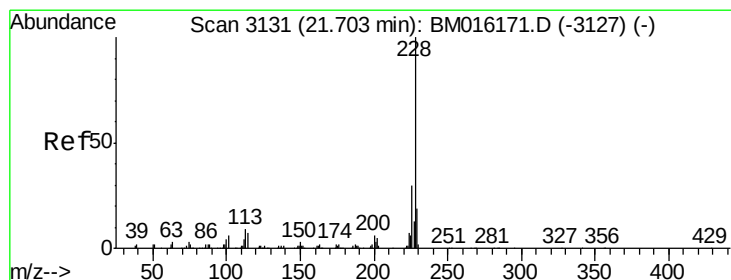
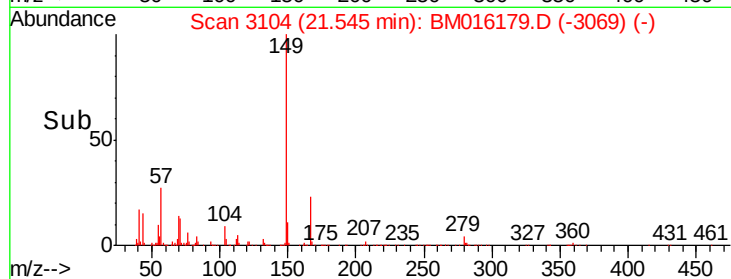
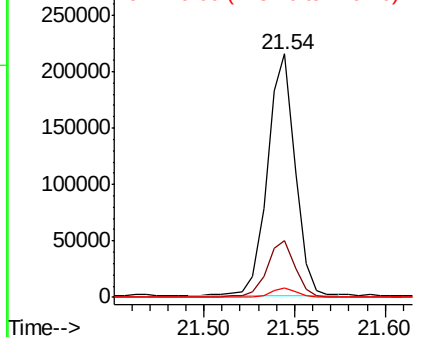


Abundance

Ion 149.00 (148.70 to 149.70): E

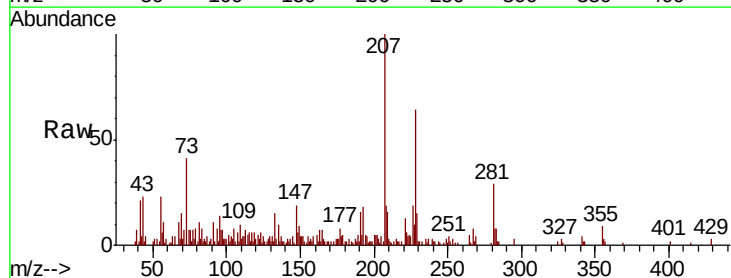
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84
 Chrysene
 Concen: 1.960 ng/ul
 RT: 21.71 min Scan# 3132
 Delta R.T. 0.01 min
 Lab File: BM016179.D
 Acq: 03 Aug 2018 14:41

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.0	36.0
229	23.3	15.6	23.4

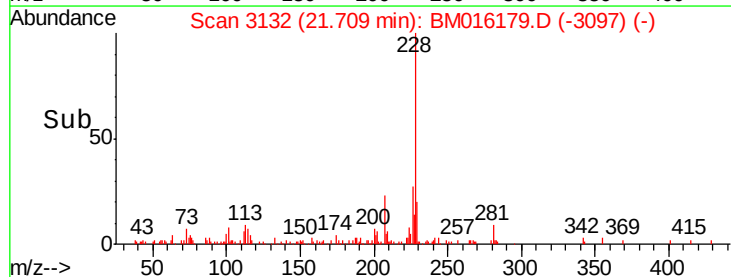
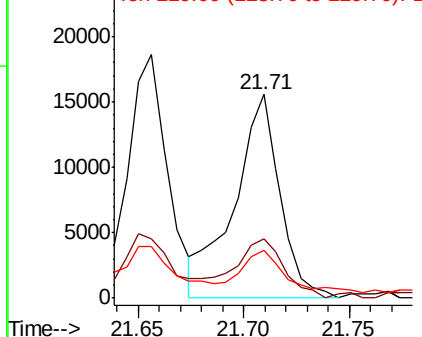


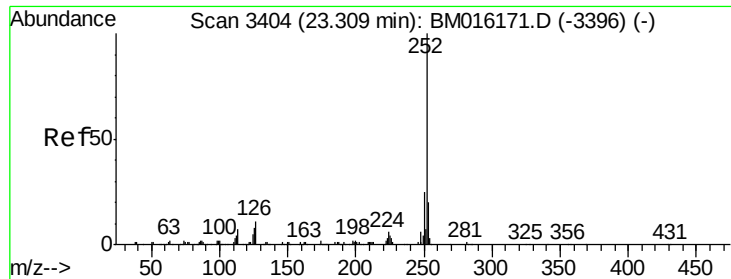
Abundance

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

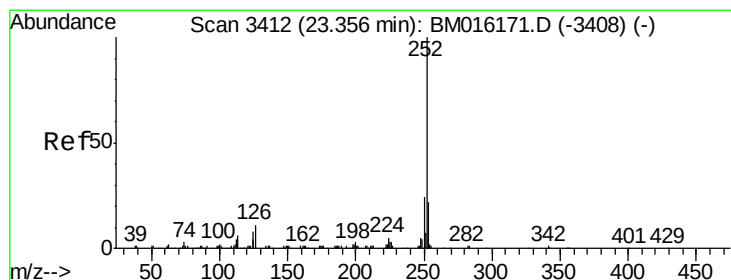
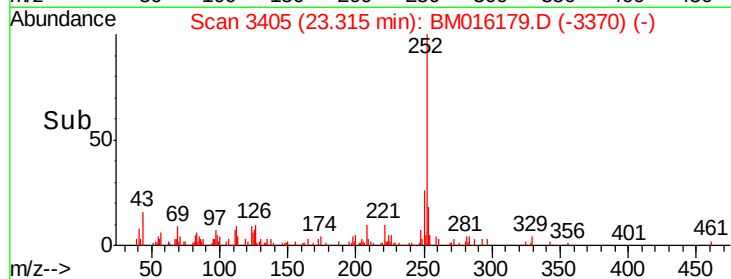
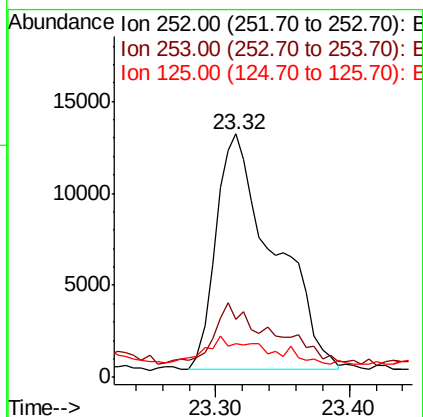
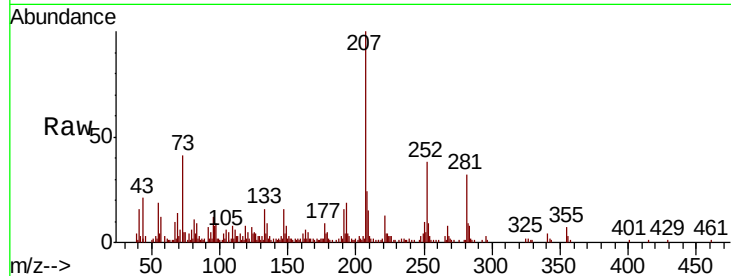




#87
Benzo(b)fluoranthene
Concen: 2.902 ng/ul
RT: 23.32 min Scan# 3405
Delta R.T. 0.01 min
Lab File: BM016179.D
Acq: 03 Aug 2018 14:41

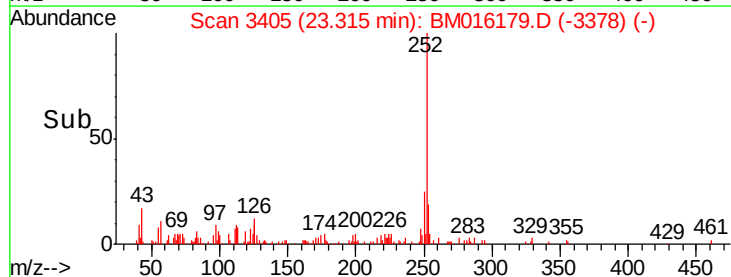
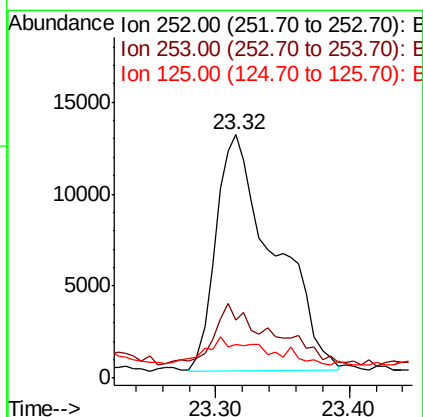
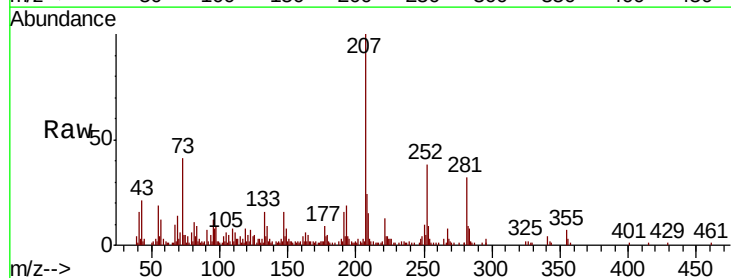
Instrument :
BNA_M
ClientSampleId :

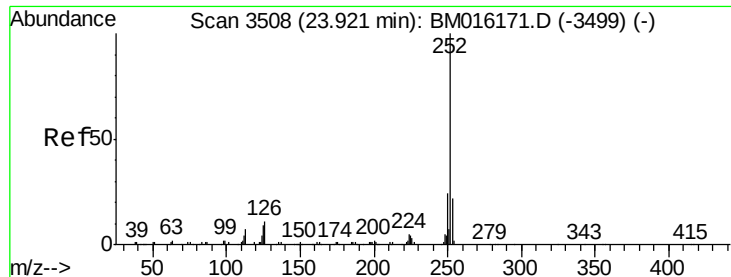
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.5	26.3
125	14.0	8.5	12.7



#88
Benzo(k)fluoranthene
Concen: 3.039 ng/ul
RT: 23.32 min Scan# 3405
Delta R.T. -0.04 min
Lab File: BM016179.D
Acq: 03 Aug 2018 14:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	14.0	8.2	12.2





#90

Benzo(a)pyrene

Concen: 1.336 ng/ul

RT: 23.92 min Scan# 3508

Delta R.T. 0.00 min

Lab File: BM016179.D

Acq: 03 Aug 2018 14:41

Instrument :

BNA_M

ClientSampleId :

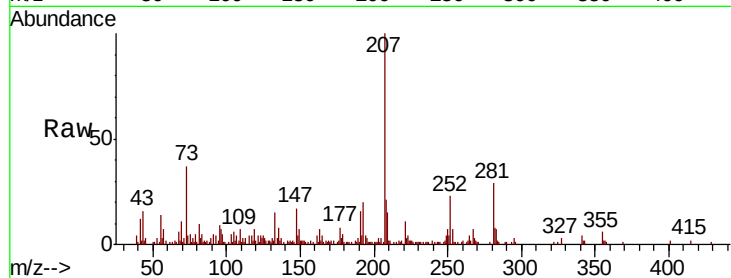
Tot Ion:252 Resp: 17229

Ion Ratio Lower Upper

252 100

253 31.9 17.2 25.8#

125 17.7 9.0 13.6#



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

