

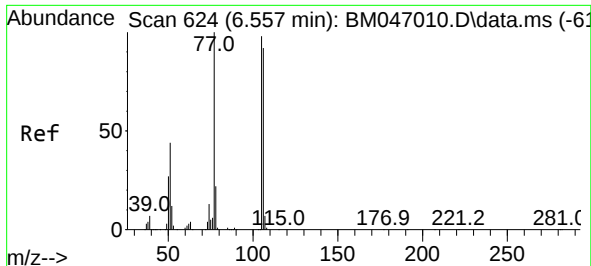
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080524\
 Data File : BM047014.D
 Acq On : 06 Aug 2024 06:52
 Operator : RC/JU
 Sample : P3382-01
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E20R1

Quant Time: Aug 06 08:09:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 06 04:53:02 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.393	152	267524	20.000	ng/u1	0.00
20) Naphthalene-d8	10.151	136	1000833	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.051	164	616060	20.000	ng/u1	0.00
64) Phenanthrene-d10	16.810	188	1306814	20.000	ng/u1	0.00
79) Chrysene-d12	21.056	240	1094018	20.000	ng/u1	# 0.00
88) Perylene-d12	23.791	264	1192144	20.000	ng/u1	0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.022	96	10263	1.520	ng/uL	0.00
4) Pyridine-d5	0.000	84	0d	0.000	ng/u1	
7) Phenol-d5	6.598	99	189522	9.326	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	6.751	67	131996	9.871	ng/u1	0.00
11) 2-Chlorophenol-d4	6.940	132	160109	9.301	ng/u1	0.00
15) 4-Methylphenol-d8	8.116	113	107073	6.651	ng/u1	0.00
21) Nitrobenzene-d5	8.540	128	76531	9.529	ng/u1	0.00
24) 2-Nitrophenol-d4	9.251	143	75411	8.598	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	9.786	165	142355	8.454	ng/u1	0.00
31) 4-Chloroaniline-d4	10.304	131	137619	6.219	ng/u1	0.00
46) Dimethylphthalate-d6	13.480	166	494974	10.508	ng/u1	0.00
49) Acenaphthylene-d8	13.739	160	547190	10.407	ng/u1	0.00
54) 4-Nitrophenol-d4	14.304	143	3277	0.360	ng/u1	0.01
60) Fluorene-d10	15.057	176	449290	11.150	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.192	200	1957	0.237	ng/u1	0.00
73) Anthracene-d10	16.910	188	700543	11.308	ng/u1	0.00
81) Pyrene-d10	19.227	212	576072	9.198	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.603	264	386252	6.153	ng/u1	0.03
Target Compounds						
					Qvalue	
6) Benzaldehyde	6.557	77	19351	1.658	ng/u1	96
16) Acetophenone	8.210	105	101674	4.013	ng/u1	98
72) Phenanthrene	16.851	178	310786	4.243	ng/u1	99
80) Fluoranthene	18.886	202	601764	8.040	ng/u1	99
82) Pyrene	19.256	202	335777	4.210	ng/u1	98
85) Benzo(a)anthracene	21.039	228	157782	1.975	ng/u1#	79
86) Bis(2-ethylhexyl)phtha...	21.003	149	94322	1.854	ng/u1#	66
87) Chrysene	21.098	228	149328	1.960	ng/u1#	79
90) Benzo(b)fluoranthene	22.933	252	135749	1.841	ng/u1#	1

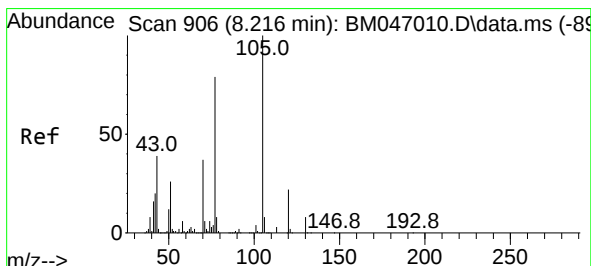
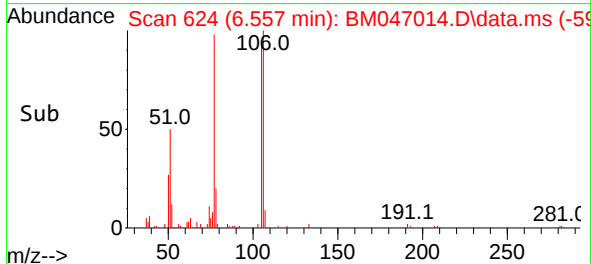
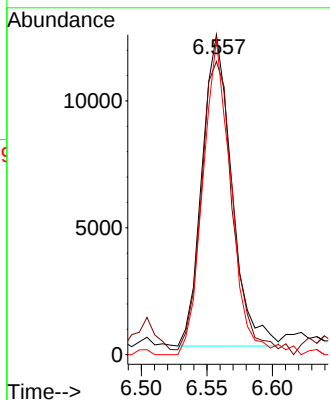
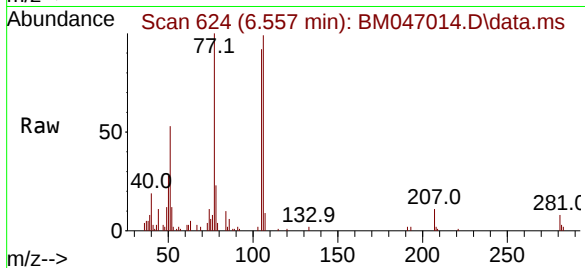
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#6
Benzaldehyde
Concen: 1.658 ng/ul
RT: 6.557 min Scan# 61
Delta R.T. -0.000 min
Lab File: BM047014.D
Acq: 06 Aug 2024 06:52

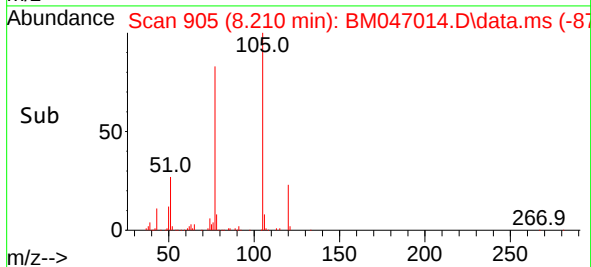
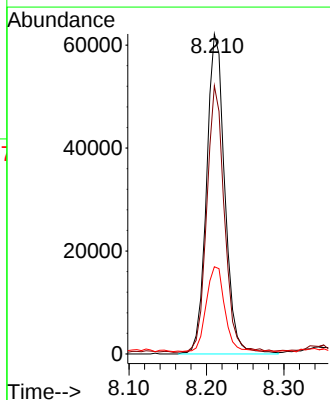
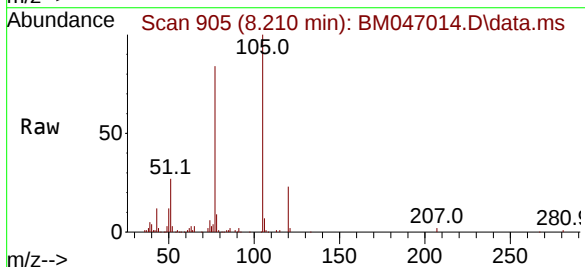
Instrument :
BNA_M
ClientSampleId :
E20R1

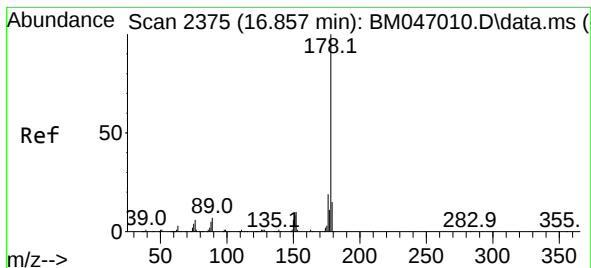
Tgt Ion: 77 Resp: 19351
Ion Ratio Lower Upper
77 100
105 91.6 74.7 112.1
106 98.5 74.2 111.2



#16
Acetophenone
Concen: 4.013 ng/ul
RT: 8.210 min Scan# 905
Delta R.T. -0.006 min
Lab File: BM047014.D
Acq: 06 Aug 2024 06:52

Tgt Ion: 105 Resp: 101674
Ion Ratio Lower Upper
105 100
77 83.8 66.1 99.1
51 27.2 23.0 34.4





#72

Phenanthrene

Concen: 4.243 ng/ul

RT: 16.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM047014.D

Acq: 06 Aug 2024 06:52

Instrument :

BNA_M

ClientSampleId :

E20R1

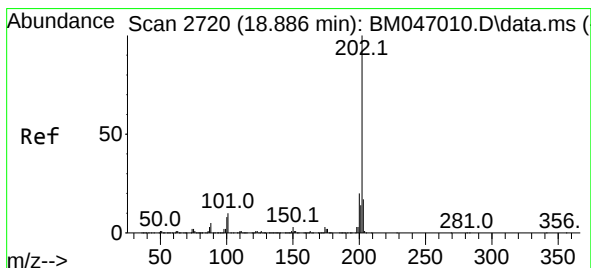
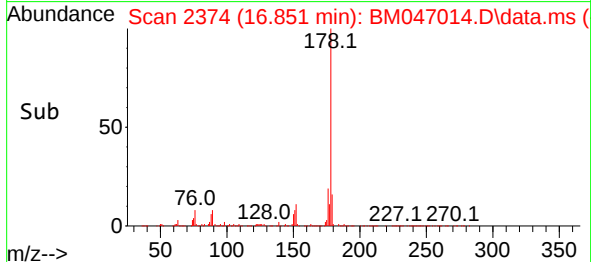
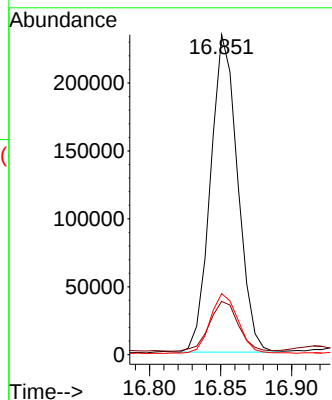
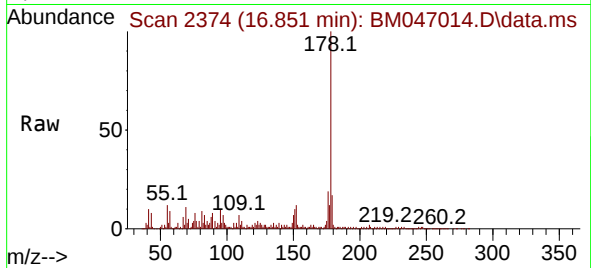
Tgt Ion:178 Resp: 310786

Ion Ratio Lower Upper

178 100

179 16.6 12.3 18.5

176 19.1 15.3 22.9



#80

Fluoranthene

Concen: 8.040 ng/ul

RT: 18.886 min Scan# 2720

Delta R.T. -0.000 min

Lab File: BM047014.D

Acq: 06 Aug 2024 06:52

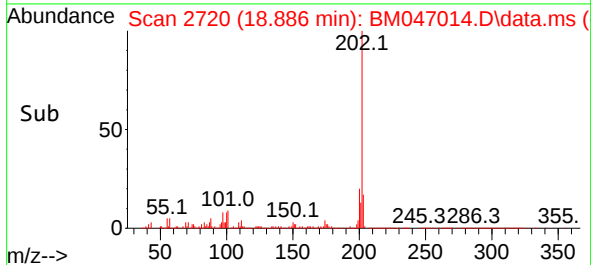
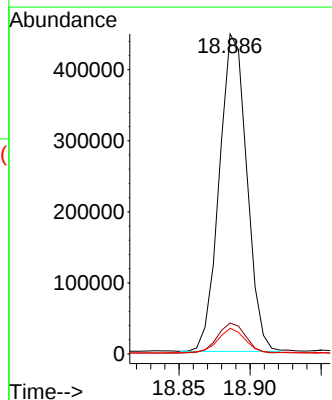
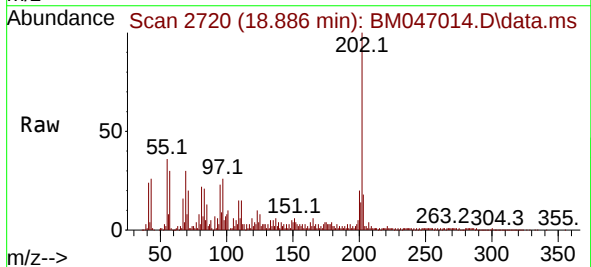
Tgt Ion:202 Resp: 601764

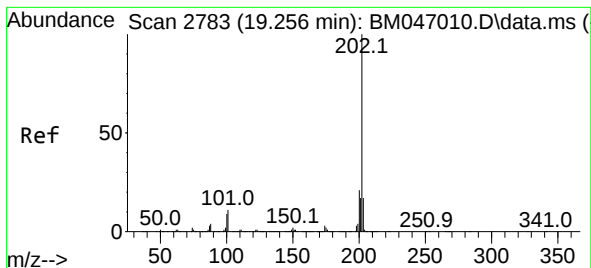
Ion Ratio Lower Upper

202 100

101 9.7 7.8 11.6

100 8.0 5.9 8.9





#82

Pyrene

Concen: 4.210 ng/ul

RT: 19.256 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM047014.D

Acq: 06 Aug 2024 06:52

Instrument :

BNA_M

ClientSampleId :

E20R1

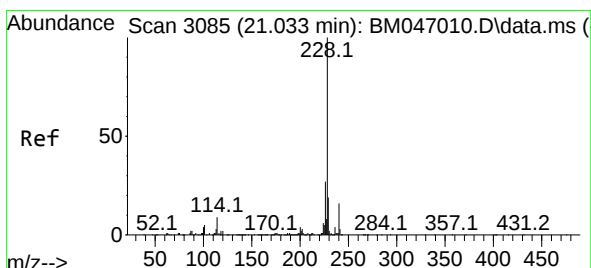
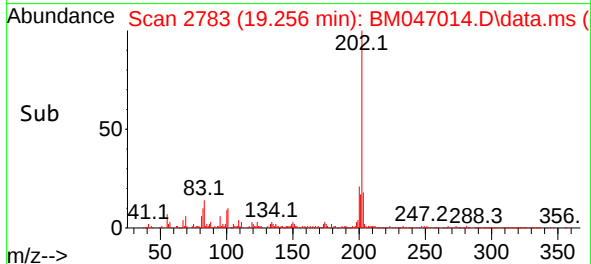
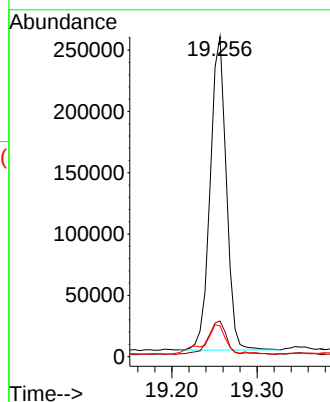
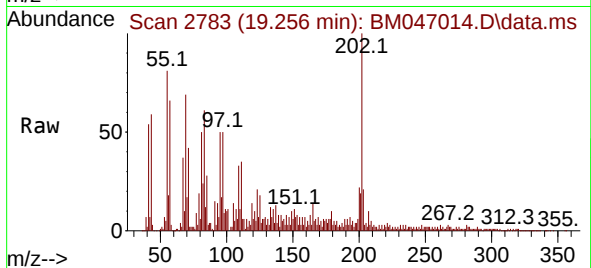
Tgt Ion:202 Resp: 335777

Ion Ratio Lower Upper

202 100

101 11.2 8.7 13.1

100 9.6 6.8 10.2



#85

Benzo(a)anthracene

Concen: 1.975 ng/ul

RT: 21.039 min Scan# 3086

Delta R.T. 0.006 min

Lab File: BM047014.D

Acq: 06 Aug 2024 06:52

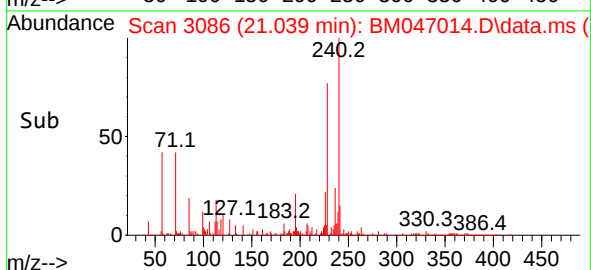
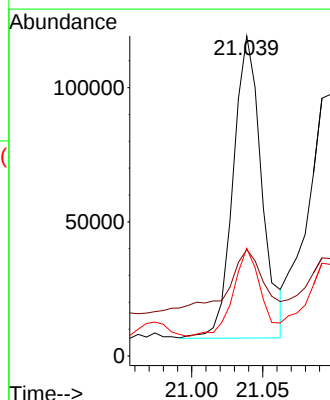
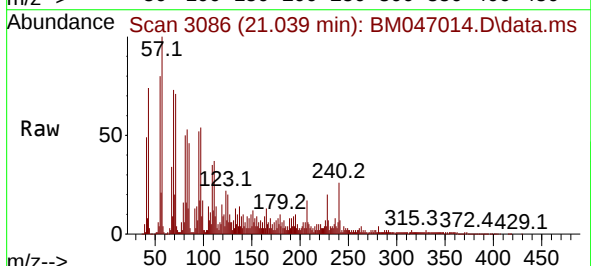
Tgt Ion:228 Resp: 157782

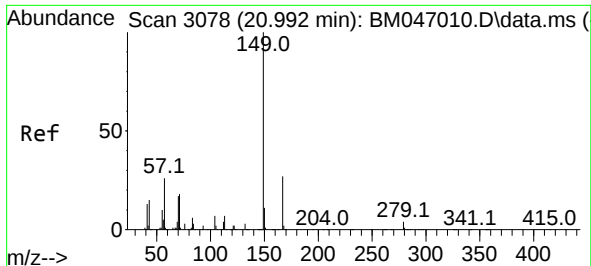
Ion Ratio Lower Upper

228 100

229 33.3 15.5 23.3#

226 33.6 21.2 31.8#

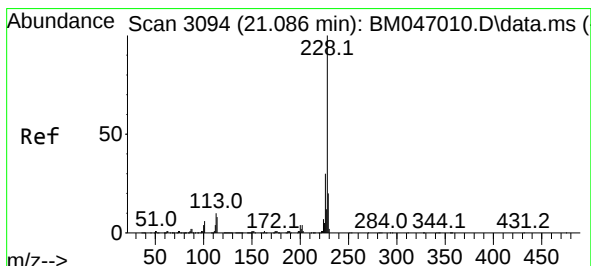
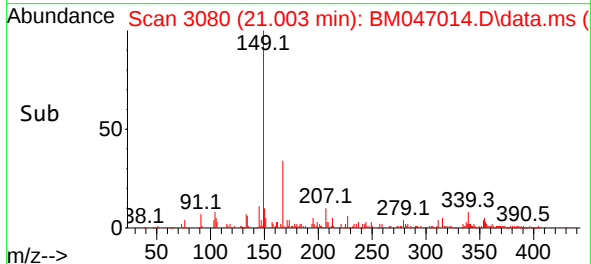
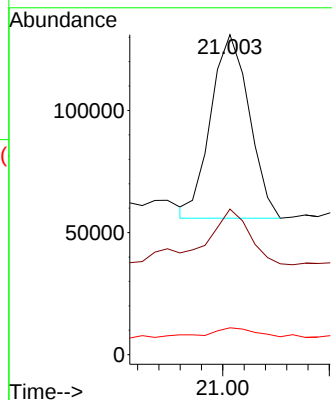
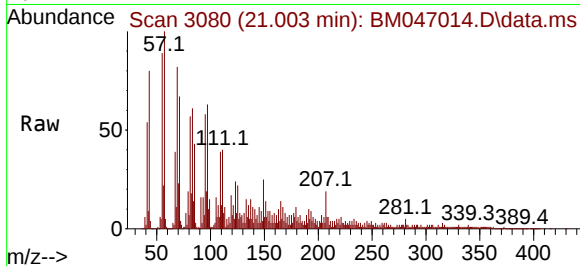




#86
Bis(2-ethylhexyl)phthalate
Concen: 1.854 ng/ul
RT: 21.003 min Scan# 3078
Delta R.T. 0.012 min
Lab File: BM047014.D
Acq: 06 Aug 2024 06:52

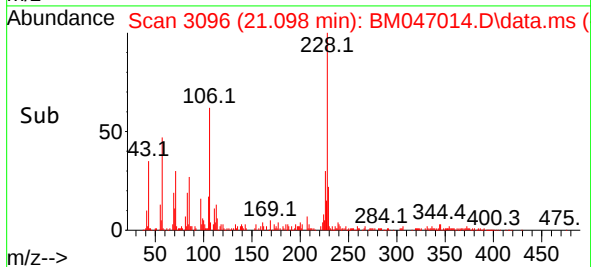
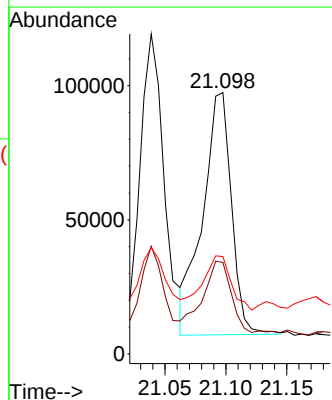
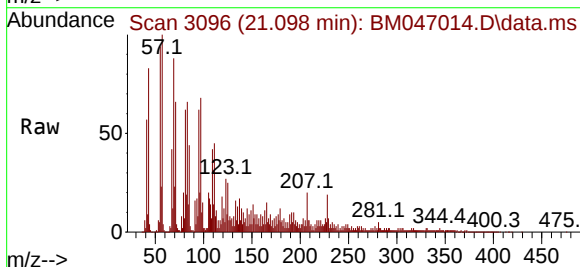
Instrument :
BNA_M
ClientSampleId :
E20R1

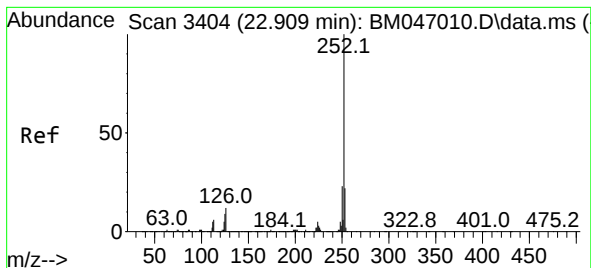
Tgt Ion:149 Resp: 94322
Ion Ratio Lower Upper
149 100
167 45.5 21.3 31.9#
279 8.4 3.3 4.9#



#87
Chrysene
Concen: 1.960 ng/ul
RT: 21.098 min Scan# 3096
Delta R.T. 0.012 min
Lab File: BM047014.D
Acq: 06 Aug 2024 06:52

Tgt Ion:228 Resp: 149328
Ion Ratio Lower Upper
228 100
226 35.0 24.0 36.0
229 37.2 15.5 23.3#





#90

Benzo(b)fluoranthene

Concen: 1.841 ng/ul

RT: 22.933 min Scan# 34

Delta R.T. 0.024 min

Lab File: BM047014.D

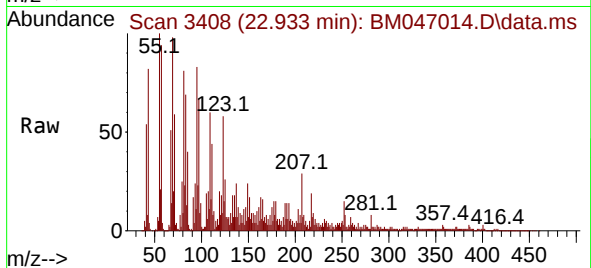
Acq: 06 Aug 2024 06:52

Instrument :

BNA_M

ClientSampleId :

E20R1



Tgt Ion:252 Resp: 135749

Ion Ratio Lower Upper

252 100

253 53.7 17.4 26.2#

125 177.6 7.0 10.6#

