

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120822\
 Data File : BM037897.D
 Acq On : 08 Dec 2022 21:31
 Operator : CG/JU
 Sample : N5832-04 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBXK1

Quant Time: Dec 08 22:42:21 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM120722.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 08 01:49:06 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

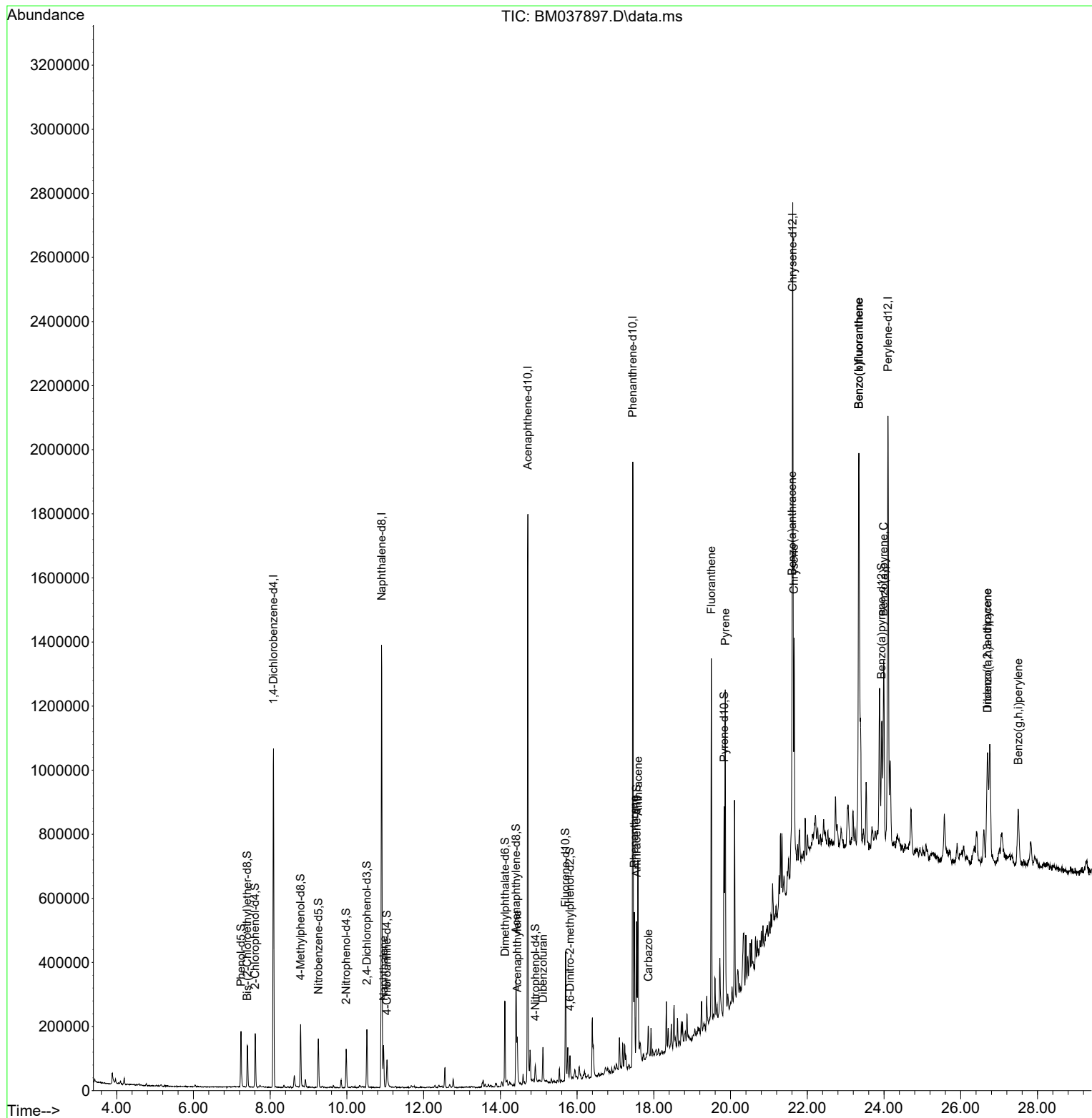
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.087	152	285415	20.000	ng/ul	0.00
20) Naphthalene-d8	10.904	136	1129510	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.716	164	608401	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.451	188	1178992	20.000	ng/ul	0.00
79) Chrysene-d12	21.621	240	919229	20.000	ng/ul	0.00
88) Perylene-d12	24.103	264	1033725	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.428	96	4969	0.790	ng/uL	0.00
4) Pyridine-d5	3.863	84	354	0.019	ng/ul	0.00
7) Phenol-d5	7.240	99	91784	3.957	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.404	67	58036	4.109	ng/ul	0.00
11) 2-Chlorophenol-d4	7.610	132	75980	3.993	ng/ul	0.00
15) 4-Methylphenol-d8	8.792	113	70253	3.880	ng/ul	0.00
21) Nitrobenzene-d5	9.257	128	37037	4.141	ng/ul	0.00
24) 2-Nitrophenol-d4	9.981	143	36844	3.931	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.522	165	66837	3.755	ng/ul	0.00
31) 4-Chloroaniline-d4	11.045	131	46524	1.893	ng/ul	0.00
46) Dimethylphthalate-d6	14.122	166	191426	4.413	ng/ul	0.00
49) Acenaphthylene-d8	14.410	160	221355	4.176	ng/ul	0.00
54) 4-Nitrophenol-d4	14.910	143	19460	2.633	ng/ul	0.00
60) Fluorene-d10	15.698	176	171894	4.448	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.816	200	14443	2.291	ng/ul	0.00
73) Anthracene-d10	17.551	188	252965	4.597	ng/ul	0.00
81) Pyrene-d10	19.833	212	266467	4.826	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.939	264	237899	4.608	ng/ul	0.00
Target Compounds						
					Qvalue	
30) Naphthalene	10.957	128	101221	1.661	ng/ul	99
50) Acenaphthylene	14.439	152	119762	2.055	ng/ul	99
56) Dibenzofuran	15.110	168	70688	1.284	ng/ul	96
72) Phenanthrene	17.492	178	281582	4.373	ng/ul	100
74) Anthracene	17.586	178	395466	6.044	ng/ul	99
77) Carbazole	17.857	167	60443	1.066	ng/ul	96
80) Fluoranthene	19.498	202	670367	10.287	ng/ul	100
82) Pyrene	19.862	202	599498	8.839	ng/ul	99
85) Benzo(a)anthracene	21.603	228	255683	4.132	ng/ul	96
87) Chrysene	21.656	228	457745	7.883	ng/ul	97
90) Benzo(b)fluoranthene	23.344	252	1070746	16.708	ng/ul	98
91) Benzo(k)fluoranthene	23.344	252	1070746	17.240	ng/ul	98
93) Benzo(a)pyrene	23.991	252	423758	7.519	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.697	276	374668	5.162	ng/ul	95
95) Dibenzo(a,h)anthracene	26.703	278	96181	1.572	ng/ul#	79
96) Benzo(g,h,i)perylene	27.497	276	229740	3.965	ng/ul	96

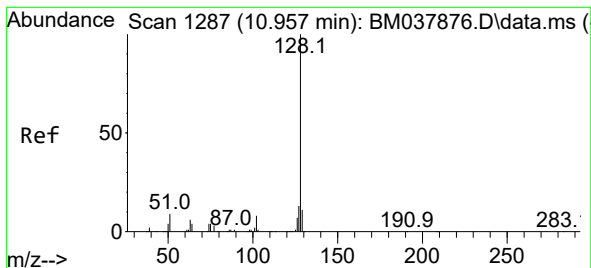
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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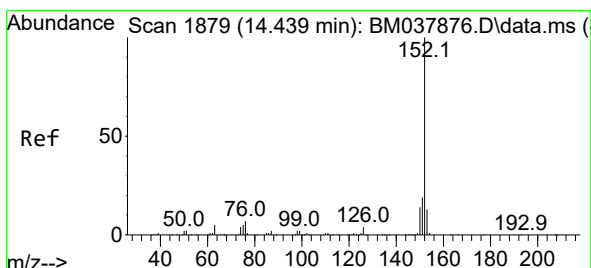
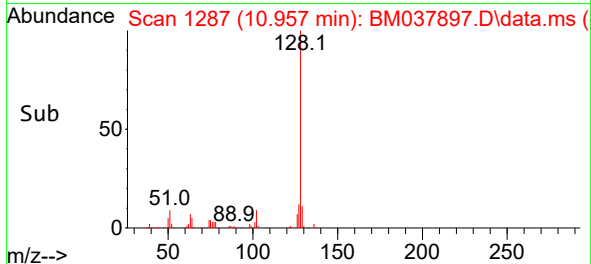
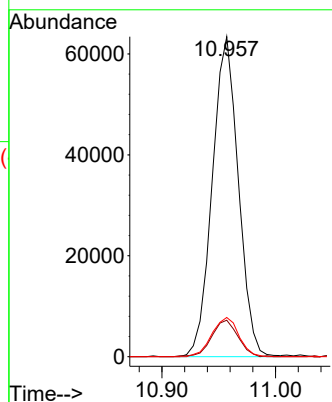
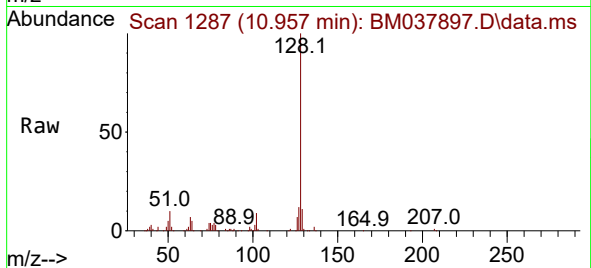




#30
Naphthalene
Concen: 1.661 ng/ul
RT: 10.957 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM037897.D
Acq: 08 Dec 2022 21:31

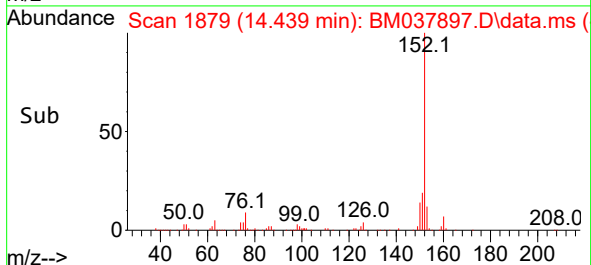
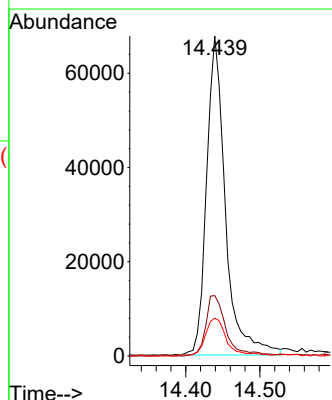
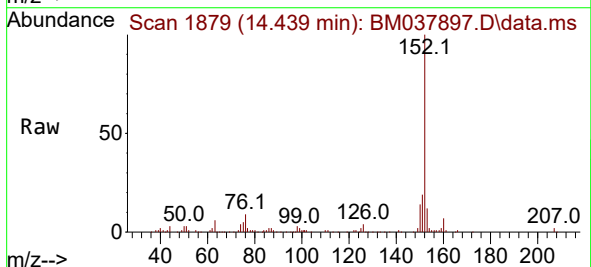
Instrument :
BNA_M
ClientSampleId :
DBXK1

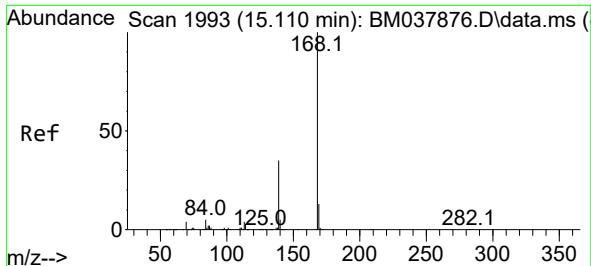
Tgt Ion:128 Resp: 101221
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 12.3 10.4 15.6



#50
Acenaphthylene
Concen: 2.055 ng/ul
RT: 14.439 min Scan# 1879
Delta R.T. -0.006 min
Lab File: BM037897.D
Acq: 08 Dec 2022 21:31

Tgt Ion:152 Resp: 119762
Ion Ratio Lower Upper
152 100
151 18.9 15.3 22.9
153 11.8 10.2 15.4

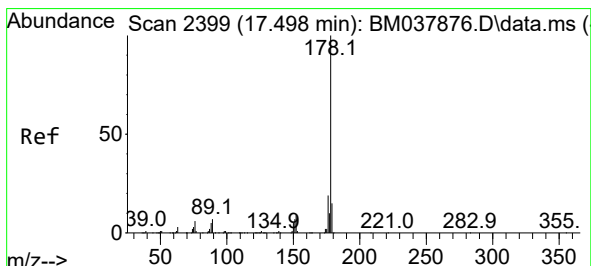
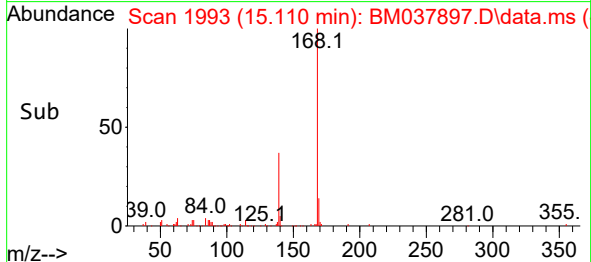
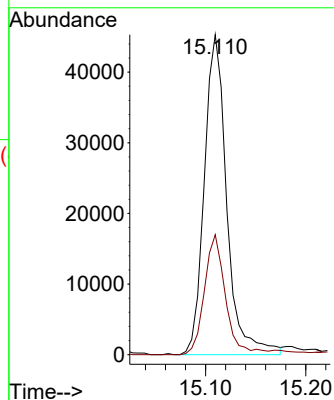
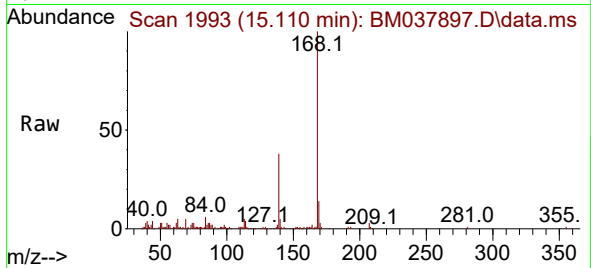




#56
Dibenzenofuran
Concen: 1.284 ng/ul
RT: 15.110 min Scan# 1993
Delta R.T. -0.006 min
Lab File: BM037897.D
Acq: 08 Dec 2022 21:31

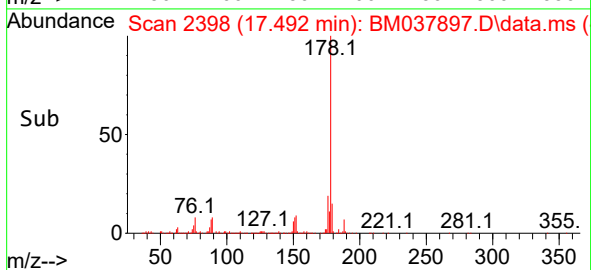
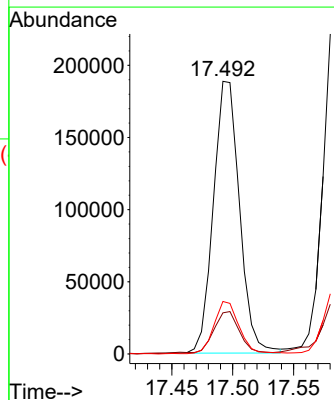
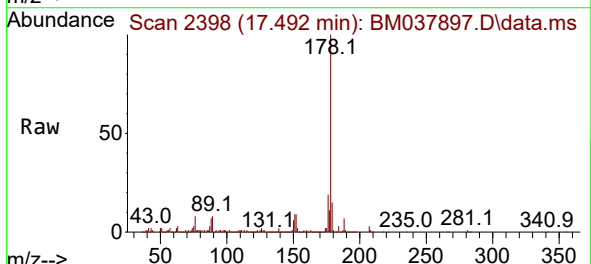
Instrument :
BNA_M
ClientSampleId :
DBXK1

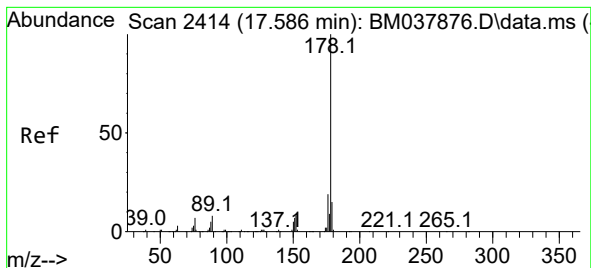
Tgt Ion:168 Resp: 70688
Ion Ratio Lower Upper
168 100
139 37.5 28.1 42.1



#72
Phenanthrene
Concen: 4.373 ng/ul
RT: 17.492 min Scan# 2398
Delta R.T. -0.006 min
Lab File: BM037897.D
Acq: 08 Dec 2022 21:31

Tgt Ion:178 Resp: 281582
Ion Ratio Lower Upper
178 100
179 15.1 12.2 18.2
176 19.2 15.4 23.0





#74

Anthracene

Concen: 6.044 ng/ul

RT: 17.586 min Scan# 2414

Delta R.T. -0.006 min

Lab File: BM037897.D

Acq: 08 Dec 2022 21:31

Instrument :

BNA_M

ClientSampleId :

DBXK1

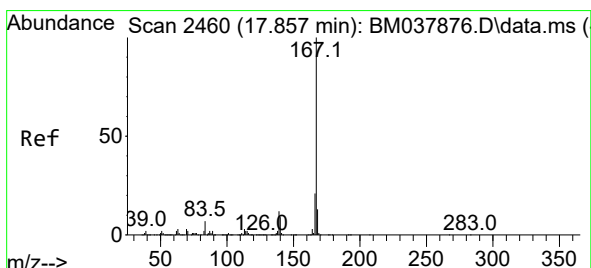
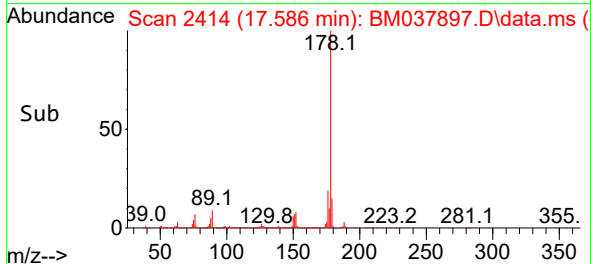
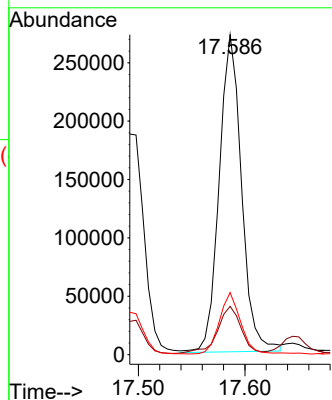
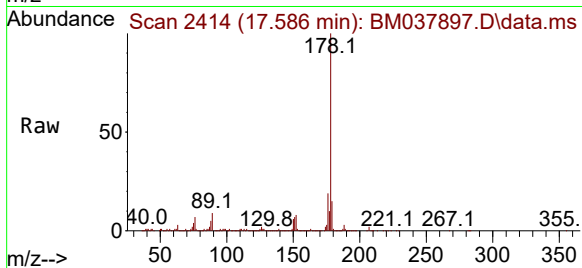
Tgt Ion:178 Resp: 395466

Ion Ratio Lower Upper

178 100

179 15.1 11.8 17.8

176 19.4 15.0 22.6



#77

Carbazole

Concen: 1.066 ng/ul

RT: 17.857 min Scan# 2460

Delta R.T. 0.000 min

Lab File: BM037897.D

Acq: 08 Dec 2022 21:31

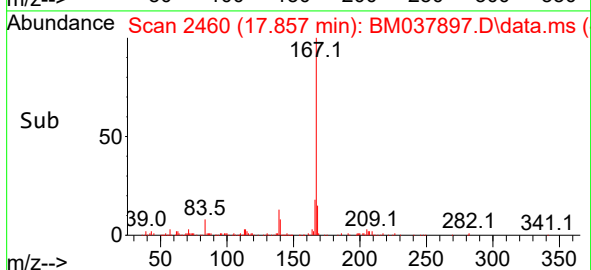
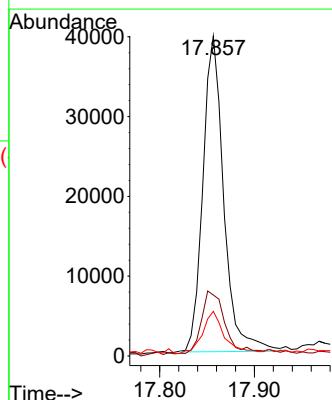
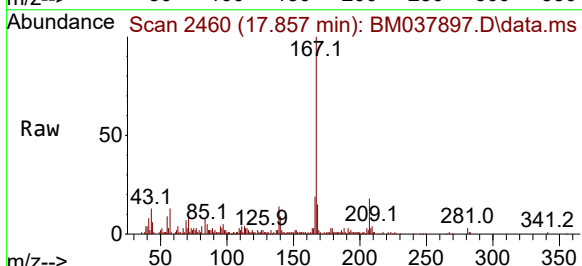
Tgt Ion:167 Resp: 60443

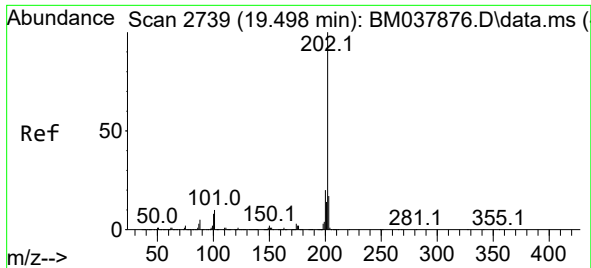
Ion Ratio Lower Upper

167 100

166 19.0 16.7 25.1

139 14.0 9.8 14.6

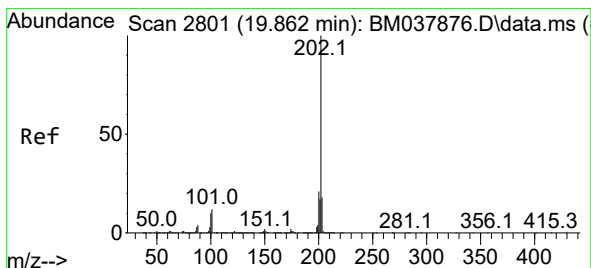
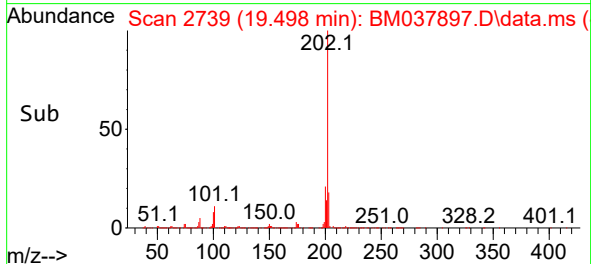
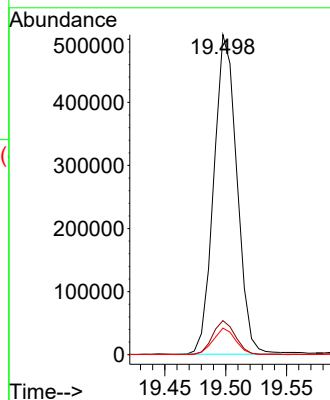
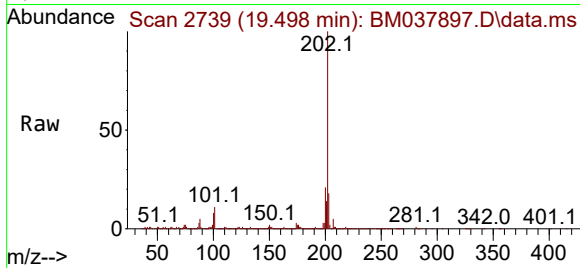




#80
Fluoranthene
Concen: 10.287 ng/ul
RT: 19.498 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM037897.D
Acq: 08 Dec 2022 21:31

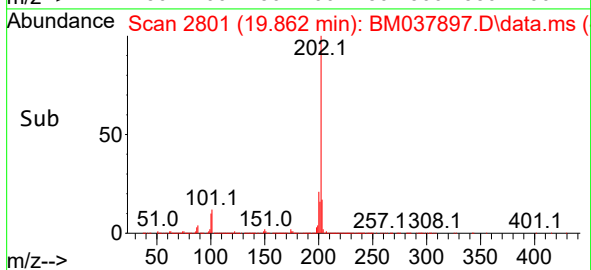
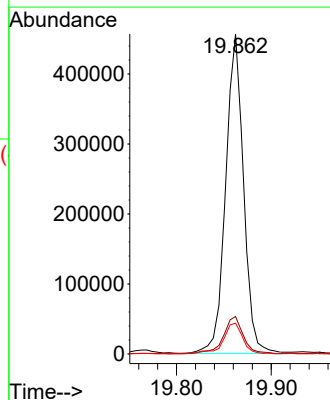
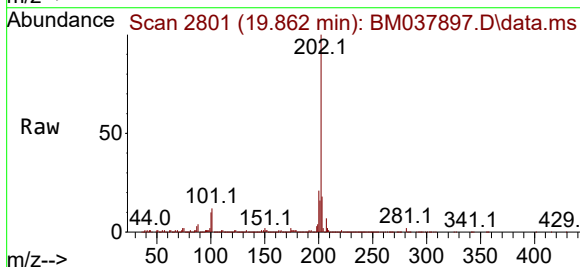
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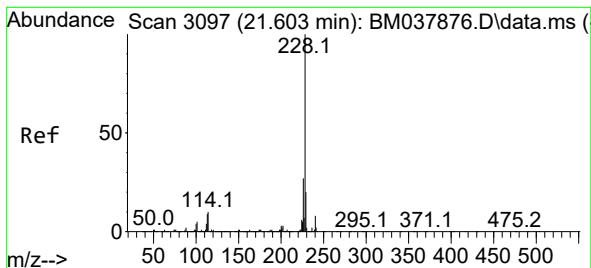
Tgt Ion:202 Resp: 670367
Ion Ratio Lower Upper
202 100
101 10.6 8.6 13.0
100 8.3 6.6 10.0



#82
Pyrene
Concen: 8.839 ng/ul
RT: 19.862 min Scan# 2801
Delta R.T. -0.006 min
Lab File: BM037897.D
Acq: 08 Dec 2022 21:31

Tgt Ion:202 Resp: 599498
Ion Ratio Lower Upper
202 100
101 11.7 10.0 15.0
100 9.6 7.9 11.9





#85

Benzo(a)anthracene

Concen: 4.132 ng/ul

RT: 21.603 min Scan# 3097

Delta R.T. -0.006 min

Lab File: BM037897.D

Acq: 08 Dec 2022 21:31

Instrument :

BNA_M

ClientSampleId :

DBXK1

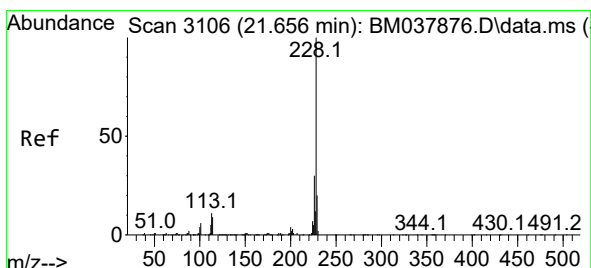
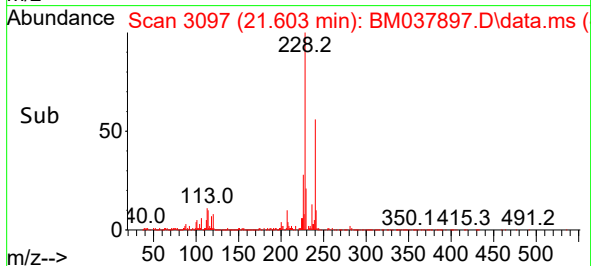
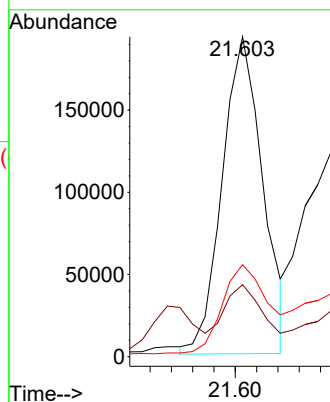
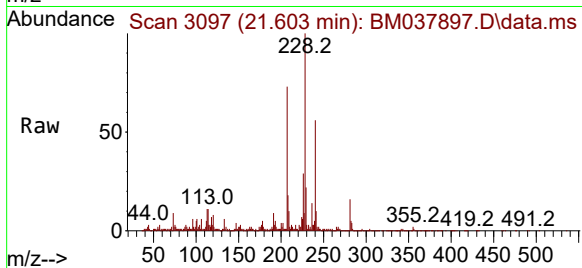
Tgt Ion:228 Resp: 255683

Ion Ratio Lower Upper

228 100

229 22.5 15.5 23.3

226 28.8 21.8 32.8



#87

Chrysene

Concen: 7.883 ng/ul

RT: 21.656 min Scan# 3106

Delta R.T. -0.006 min

Lab File: BM037897.D

Acq: 08 Dec 2022 21:31

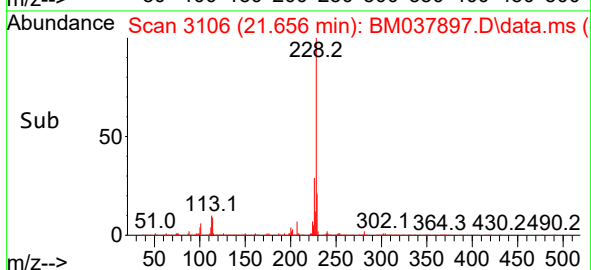
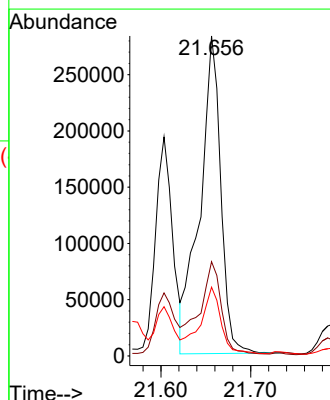
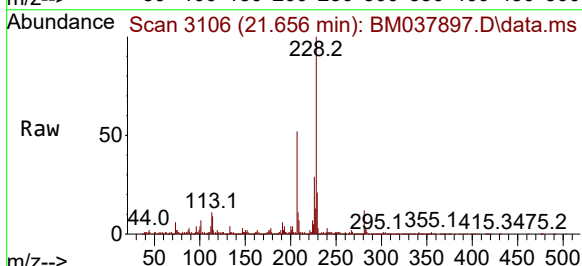
Tgt Ion:228 Resp: 457745

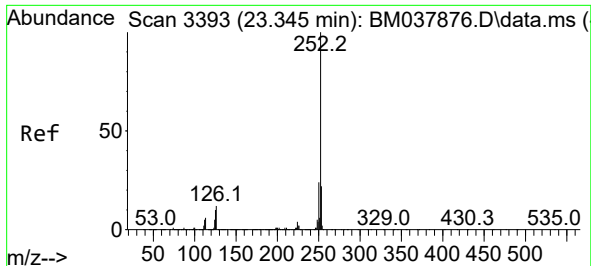
Ion Ratio Lower Upper

228 100

226 29.4 24.3 36.5

229 21.5 15.6 23.4

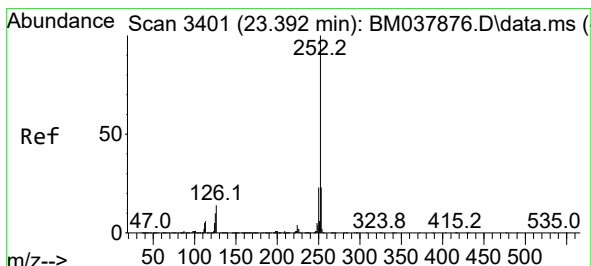
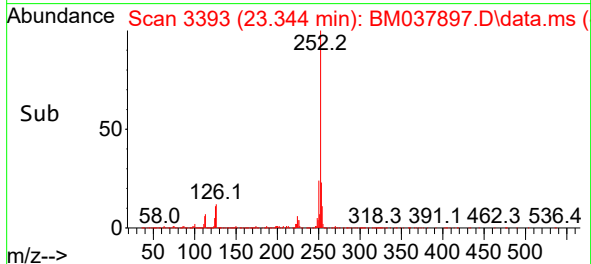
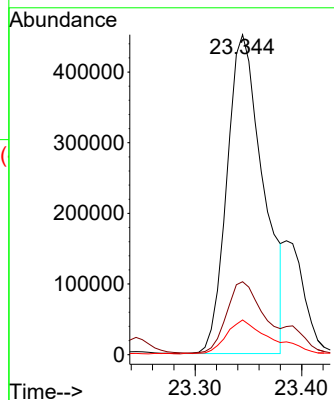
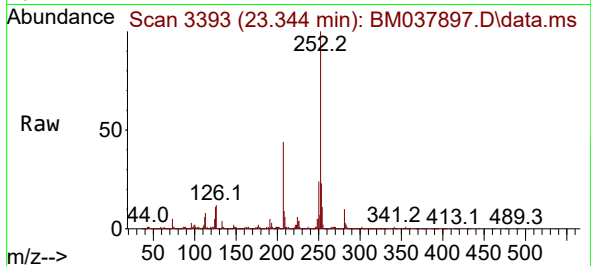




#90
Benzo(b)fluoranthene
Concen: 16.708 ng/ul
RT: 23.344 min Scan# 3393
Delta R.T. 0.000 min
Lab File: BM037897.D
Acq: 08 Dec 2022 21:31

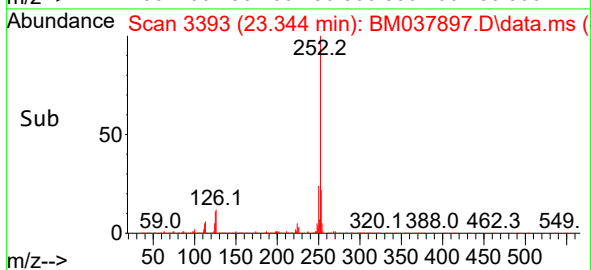
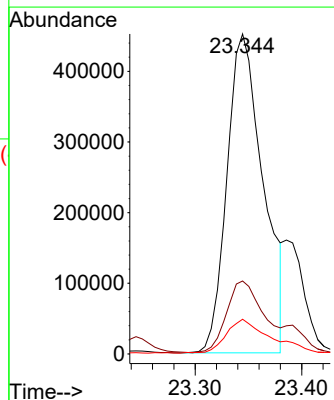
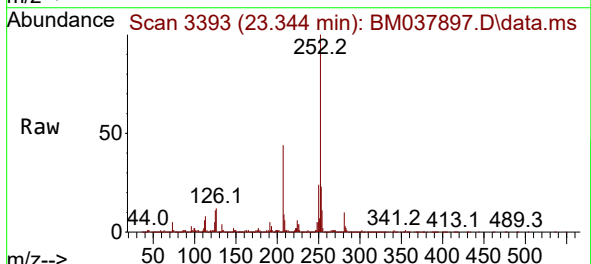
Instrument :
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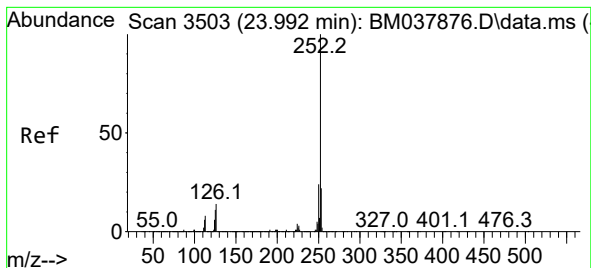
Tgt Ion:252 Resp: 1070746
Ion Ratio Lower Upper
252 100
253 22.8 17.6 26.4
125 10.8 8.0 12.0



#91
Benzo(k)fluoranthene
Concen: 17.240 ng/ul
RT: 23.344 min Scan# 3393
Delta R.T. -0.053 min
Lab File: BM037897.D
Acq: 08 Dec 2022 21:31

Tgt Ion:252 Resp: 1070746
Ion Ratio Lower Upper
252 100
253 22.8 17.4 26.2
125 10.8 8.1 12.1





#93

Benzo(a)pyrene

Concen: 7.519 ng/ul

RT: 23.991 min Scan# 3

Delta R.T. -0.006 min

Lab File: BM037897.D

Acq: 08 Dec 2022 21:31

Instrument :

BNA_M

ClientSampleId :

DBXK1

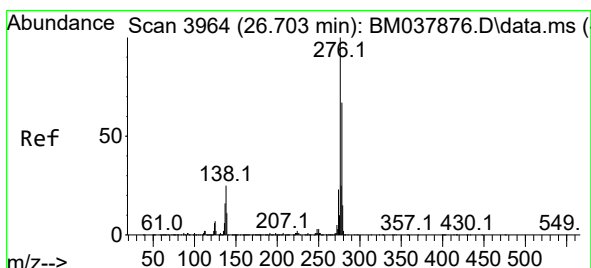
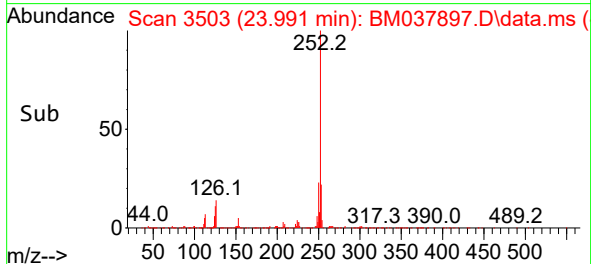
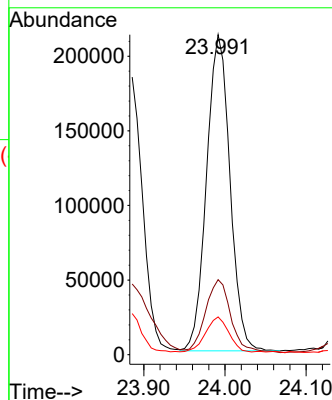
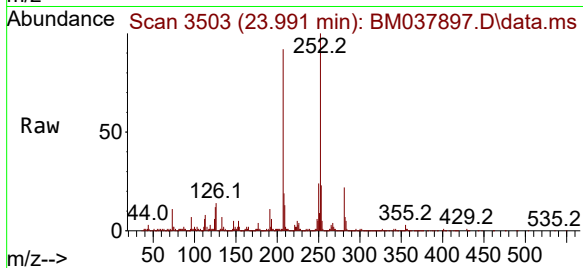
Tgt Ion:252 Resp: 423758

Ion Ratio Lower Upper

252 100

253 23.4 17.4 26.0

125 11.8 9.4 14.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.162 ng/ul

RT: 26.697 min Scan# 3963

Delta R.T. -0.012 min

Lab File: BM037897.D

Acq: 08 Dec 2022 21:31

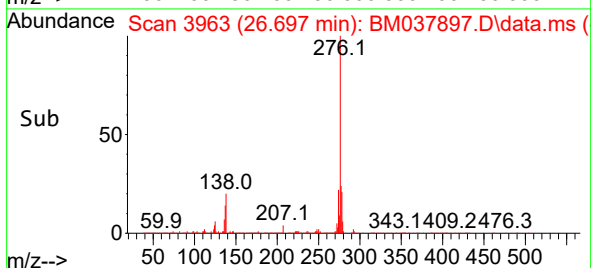
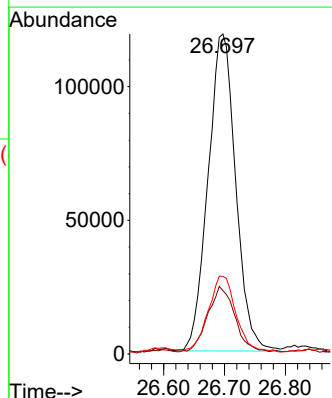
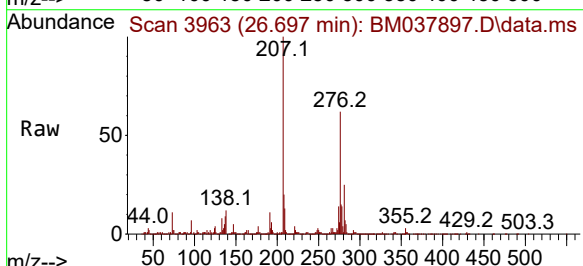
Tgt Ion:276 Resp: 374668

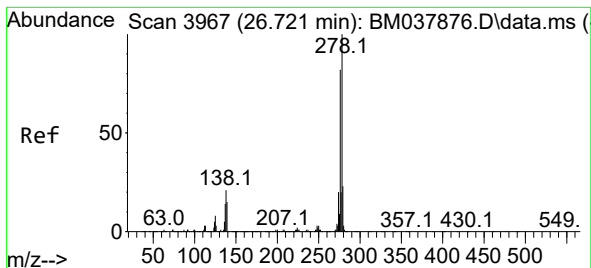
Ion Ratio Lower Upper

276 100

138 19.8 19.3 28.9

277 24.3 19.8 29.8





#95

Dibenzo(a,h)anthracene

Concen: 1.572 ng/ul

RT: 26.703 min Scan# 3964

Delta R.T. -0.023 min

Lab File: BM037897.D

Acq: 08 Dec 2022 21:31

Instrument :

BNA_M

ClientSampleId :

DBXK1

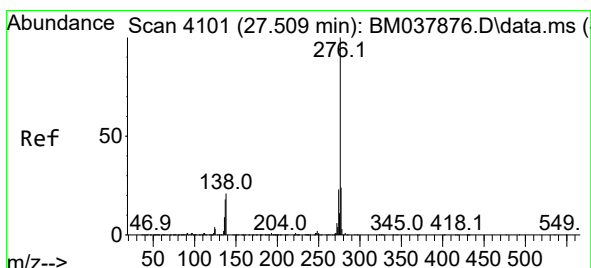
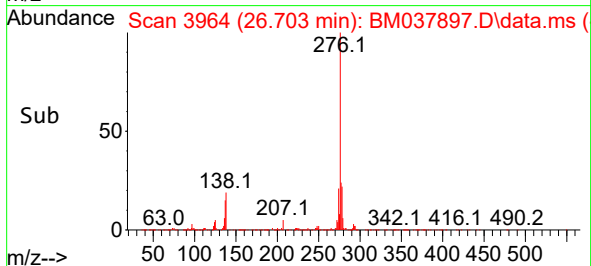
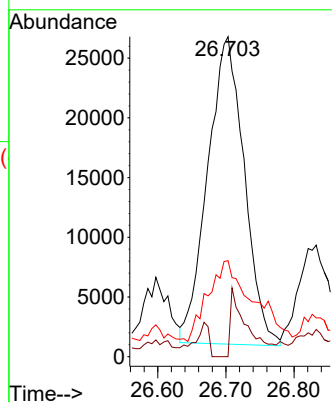
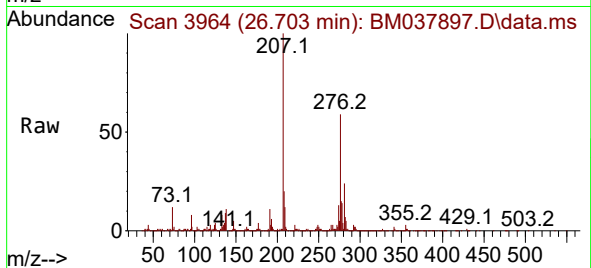
Tgt Ion:278 Resp: 96181

Ion Ratio Lower Upper

278 100

139 0.0 12.4 18.6#

279 30.0 19.8 29.6#



#96

Benzo(g,h,i)perylene

Concen: 3.965 ng/ul

RT: 27.497 min Scan# 4099

Delta R.T. -0.018 min

Lab File: BM037897.D

Acq: 08 Dec 2022 21:31

Tgt Ion:276 Resp: 229740

Ion Ratio Lower Upper

276 100

138 19.3 17.1 25.7

277 24.3 18.2 27.4

