

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
 Data File : BN032698.D
 Acq On : 13 Jul 2024 07:16
 Operator : MA/JU
 Sample : P3087-11DL 5X
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4CE9DL

Quant Time: Jul 15 08:55:16 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 01:40:24 2024
 Response via : Initial Calibration

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

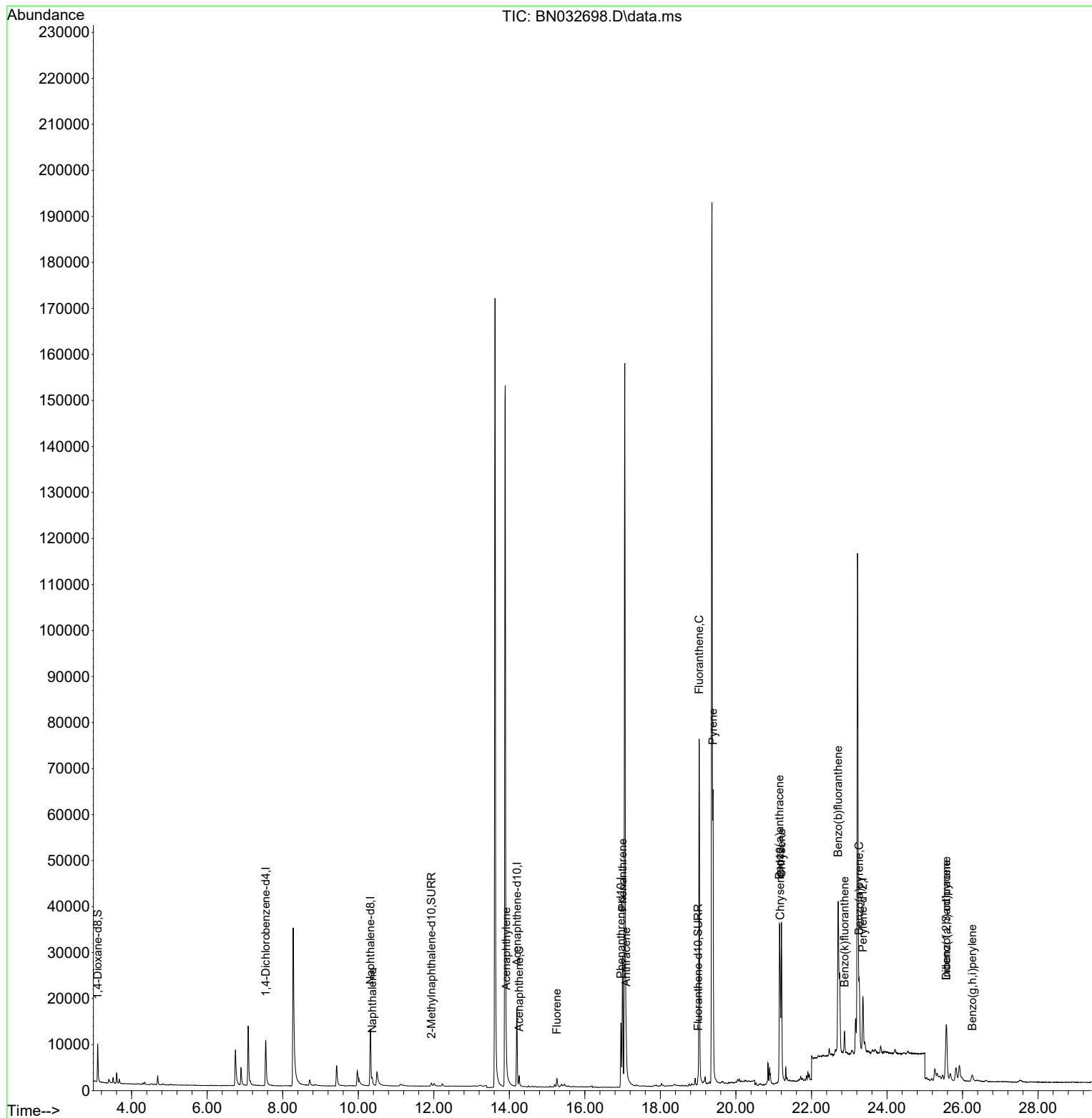
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.553	152	6598	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.320	136	20185	0.400	ng/ul	-0.04
9) Acenaphthene-d10	14.201	164	10201	0.400	ng/ul	-0.02
13) Phenanthrene-d10	16.956	188	17120	0.400	ng/ul	-0.04
17) Chrysene-d12	21.169	240	13868	0.400	ng/ul	-0.02
23) Perylene-d12	23.364	264	17762	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.101	96	5738	0.724	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.937	152	1519	0.050	ng/ul	-0.03
18) Fluoranthene-d10	18.998	212	2383	0.053	ng/ul	-0.03
Target Compounds						
					Qvalue	
5) Naphthalene	10.370	128	1987	0.037	ng/ul#	86
10) Acenaphthylene	13.919	152	3214	0.078	ng/ul#	94
11) Acenaphthene	14.261	153	1394	0.041	ng/ul	96
12) Fluorene	15.260	166	1487	0.038	ng/ul#	97
15) Phenanthrene	16.998	178	32813	0.704	ng/ul	99
16) Anthracene	17.095	178	6416	0.168	ng/ul#	95
19) Fluoranthene	19.025	202	71498	1.268	ng/ul	99
20) Pyrene	19.393	202	52448	0.899	ng/ul	99
21) Benzo(a)anthracene	21.155	228	34283	0.777	ng/ul	96
22) Chrysene	21.207	228	35671	0.559	ng/ul	97
24) Benzo(b)fluoranthene	22.706	252	74822	1.194	ng/ul	97
25) Benzo(k)fluoranthene	22.876	252	5880	0.077	ng/ul#	54
26) Benzo(a)pyrene	23.265	252	18533	0.342	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	25.571	276	19753	0.269	ng/ul#	92
28) Dibenzo(a,h)anthracene	25.568	278	6475	0.114	ng/ul#	72
29) Benzo(g,h,i)perylene	26.255	276	2650	0.043	ng/ul#	58

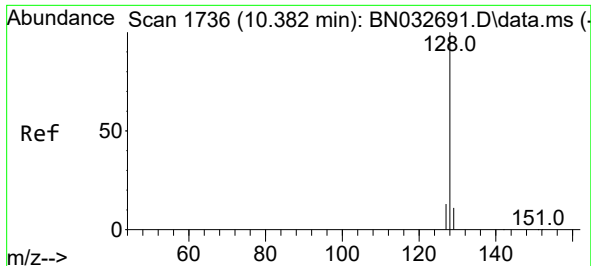
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071224\
Data File : BN032698.D
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Operator : MA/JU
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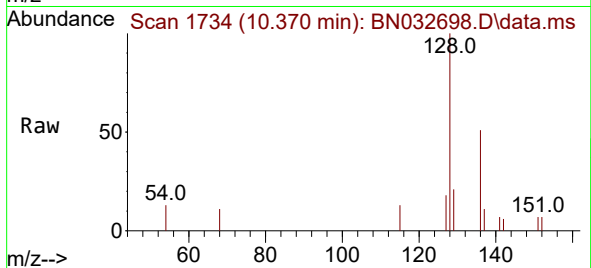
Quant Time: Jul 15 08:55:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN071224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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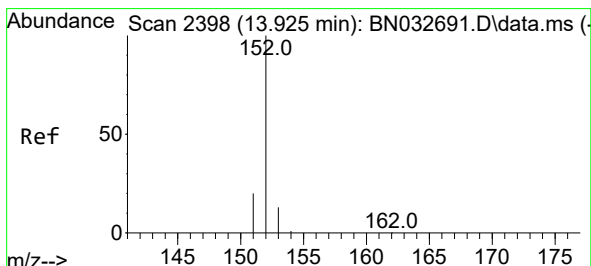
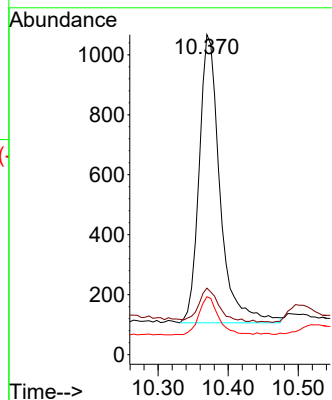
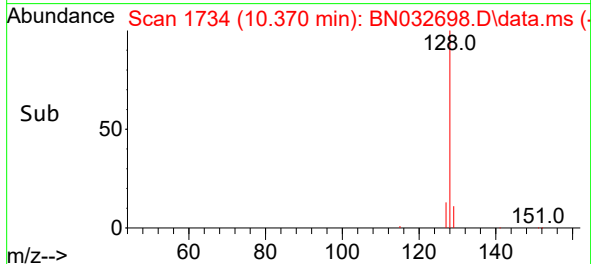


#5
Naphthalene
Concen: 0.037 ng/ul
RT: 10.370 min Scan# 1734
Delta R.T. -0.040 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

Instrument :
BNA_N
ClientSampleId :
A4CE9DL

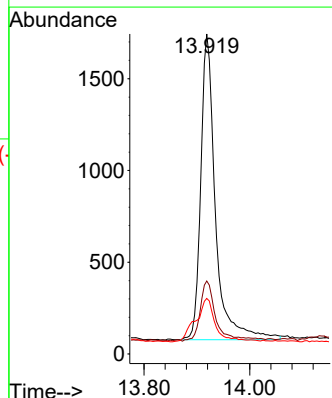
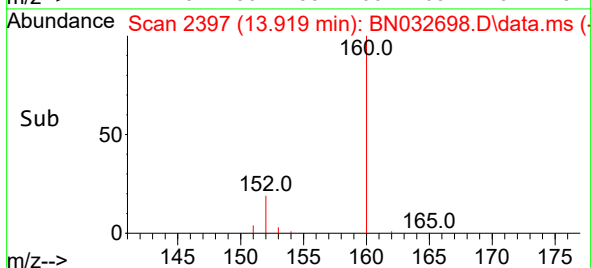
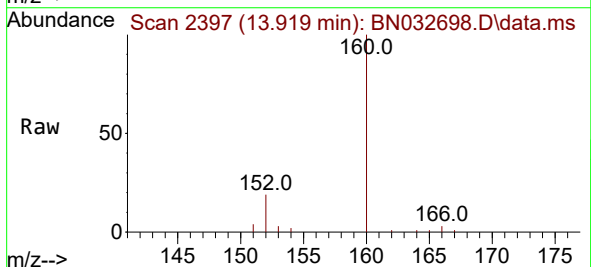


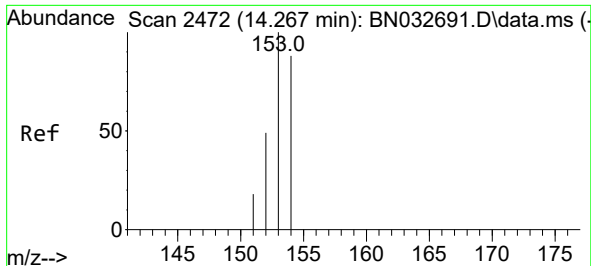
Tgt Ion:128 Resp: 1987
Ion Ratio Lower Upper
128 100
129 20.8 10.0 15.0#
127 18.1 11.6 17.4#



#10
Acenaphthylene
Concen: 0.078 ng/ul
RT: 13.919 min Scan# 2397
Delta R.T. -0.024 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

Tgt Ion:152 Resp: 3214
Ion Ratio Lower Upper
152 100
151 22.8 16.3 24.5
153 17.4 11.3 16.9#

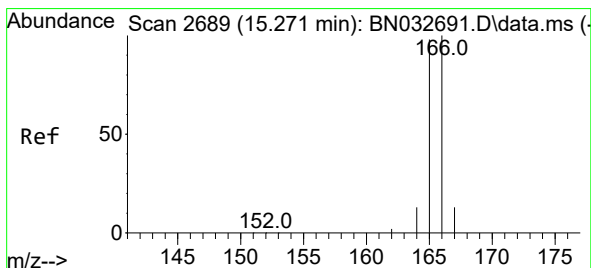
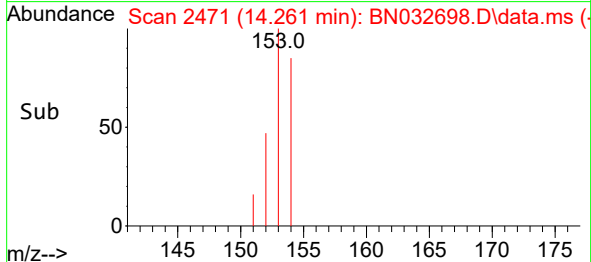
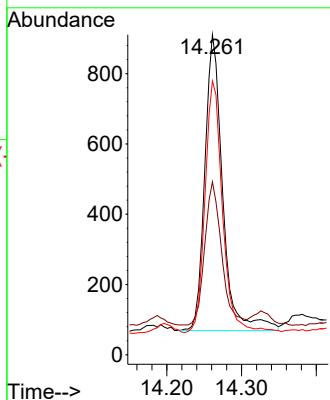
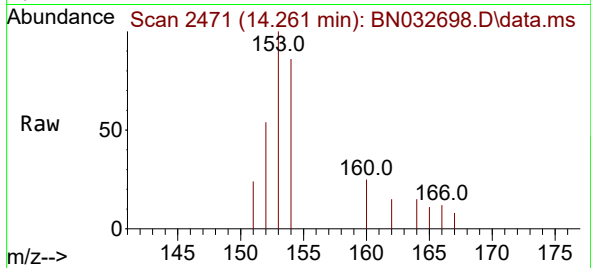




#11
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.261 min Scan# 2471
Delta R.T. -0.020 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

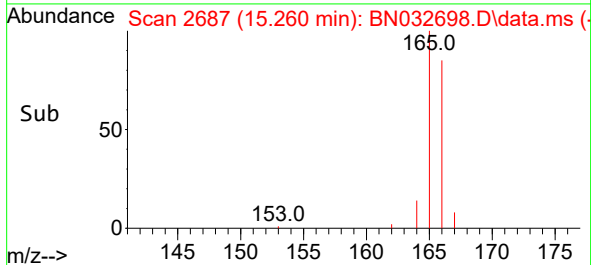
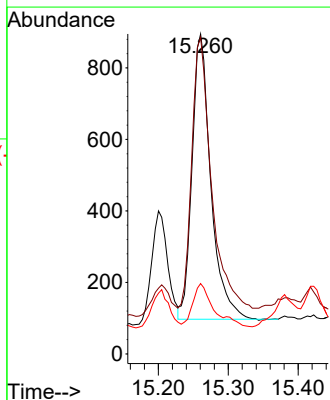
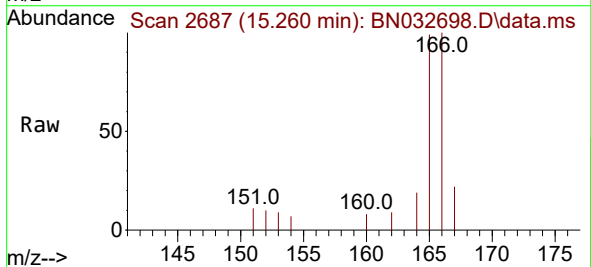
Instrument :
BNA_N
ClientSampleId :
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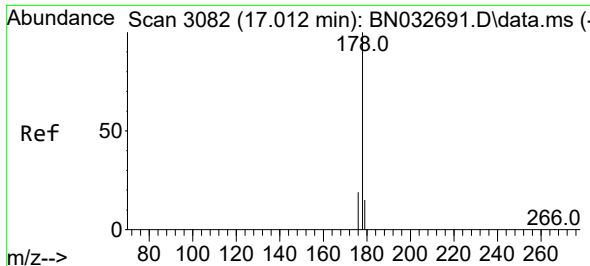
Tgt Ion:153 Resp: 1394
Ion Ratio Lower Upper
153 100
152 54.0 40.0 60.0
154 85.5 70.2 105.4



#12
Fluorene
Concen: 0.038 ng/ul
RT: 15.260 min Scan# 2687
Delta R.T. -0.029 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

Tgt Ion:166 Resp: 1487
Ion Ratio Lower Upper
166 100
165 99.0 79.7 119.5
167 22.0 11.4 17.2#

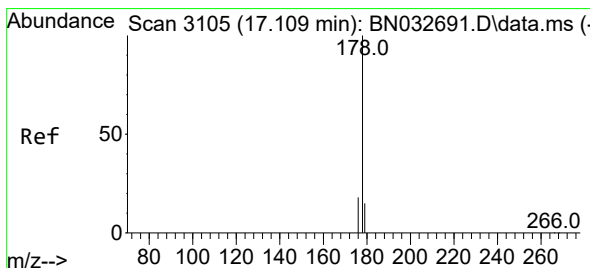
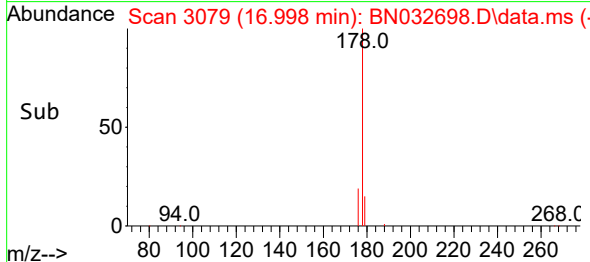
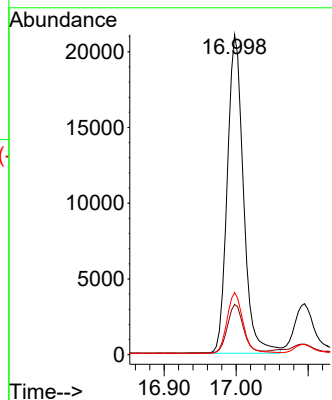
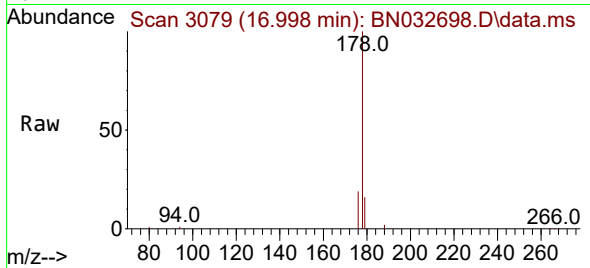




#15
Phenanthrene
Concen: 0.704 ng/ul
RT: 16.998 min Scan# 3082
Delta R.T. -0.031 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

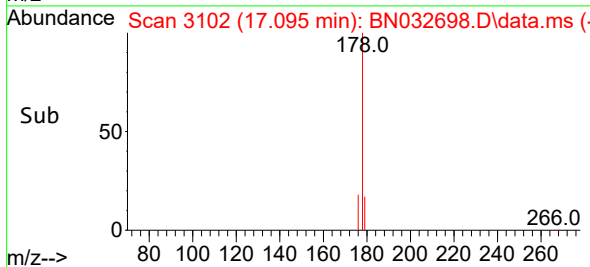
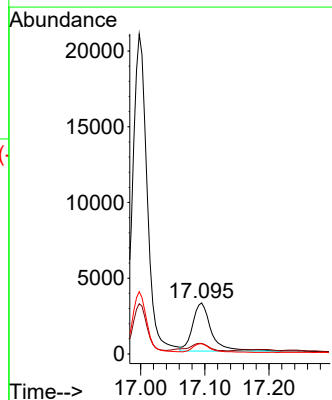
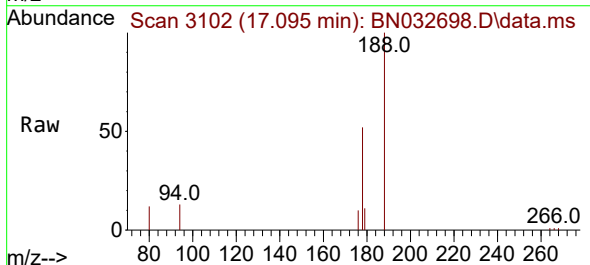
Instrument :
BNA_N
ClientSampleId :
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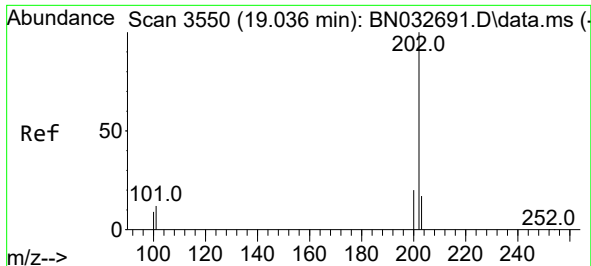
Tgt Ion:178 Resp: 32813
Ion Ratio Lower Upper
178 100
179 15.7 13.0 19.4
176 19.4 15.6 23.4



#16
Anthracene
Concen: 0.168 ng/ul
RT: 17.095 min Scan# 3102
Delta R.T. -0.043 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

Tgt Ion:178 Resp: 6416
Ion Ratio Lower Upper
178 100
179 20.7 13.4 20.2#
176 20.2 15.4 23.0

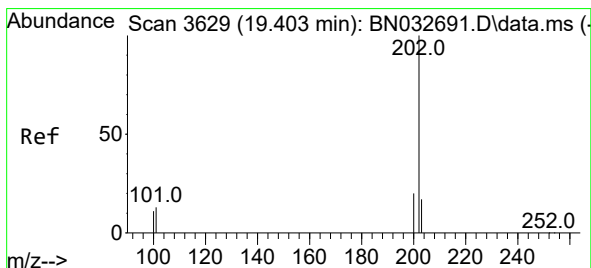
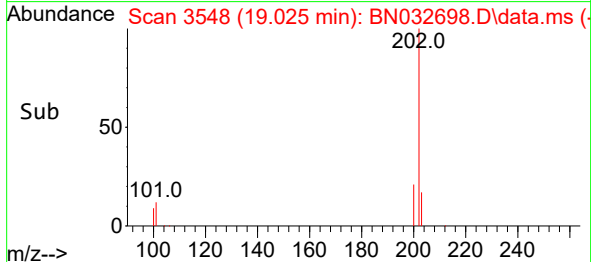
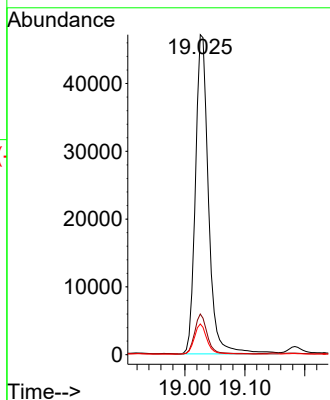
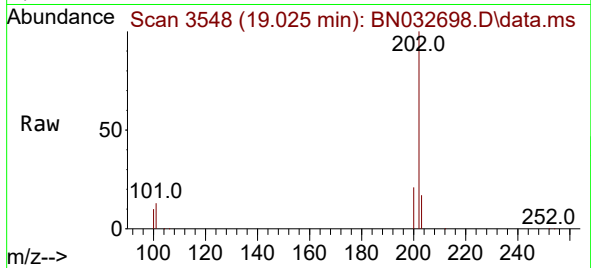




#19
Fluoranthene
Concen: 1.268 ng/ul
RT: 19.025 min Scan# 3548
Delta R.T. -0.029 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

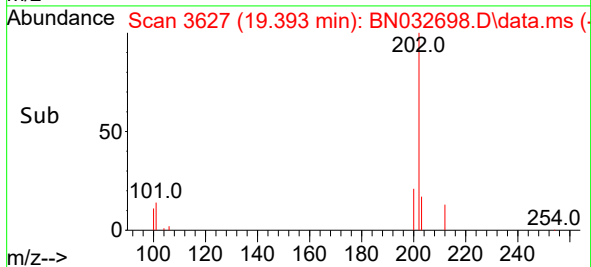
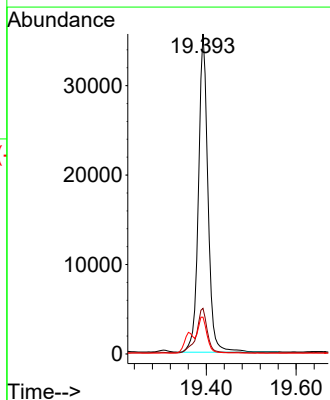
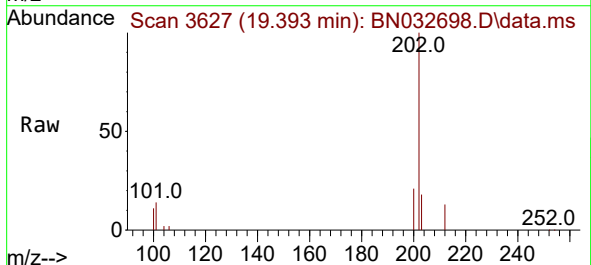
Instrument :
BNA_N
ClientSampleId :
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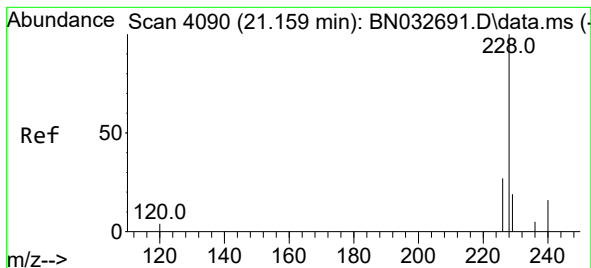
Tgt Ion:202 Resp: 71498
Ion Ratio Lower Upper
202 100
101 12.7 9.8 14.8
100 9.6 7.9 11.9



#20
Pyrene
Concen: 0.899 ng/ul
RT: 19.393 min Scan# 3627
Delta R.T. -0.029 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

Tgt Ion:202 Resp: 52448
Ion Ratio Lower Upper
202 100
101 14.2 11.8 17.6
100 11.5 9.6 14.4





#21

Benzo(a)anthracene

Concen: 0.777 ng/ul

RT: 21.155 min Scan# 4090

Delta R.T. -0.028 min

Lab File: BN032698.D

Acq: 13 Jul 2024 07:16

Instrument :

BNA_N

ClientSampleId :

A4CE9DL

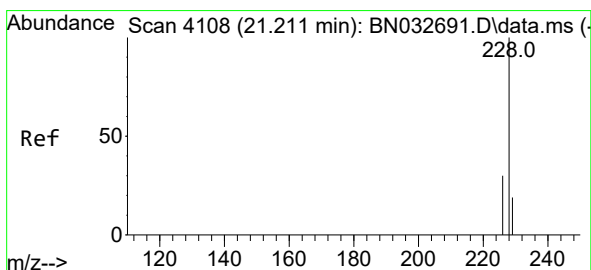
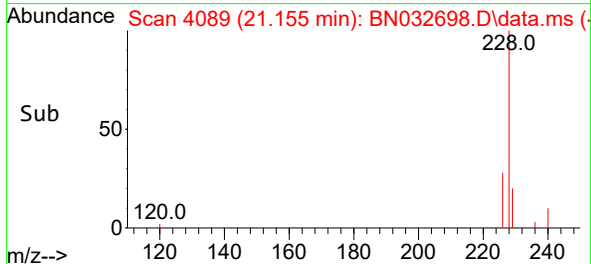
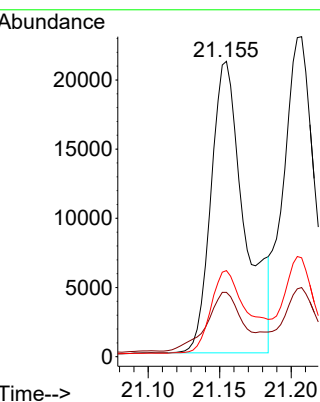
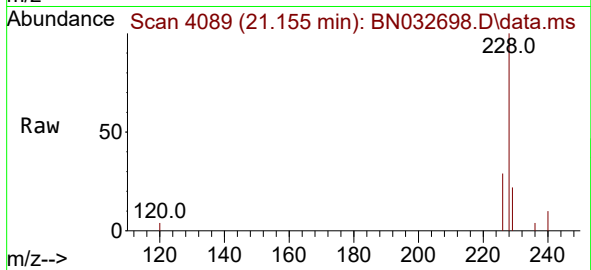
Tgt Ion:228 Resp: 34283

Ion Ratio Lower Upper

228 100

229 21.8 16.1 24.1

226 29.2 21.9 32.9



#22

Chrysene

Concen: 0.559 ng/ul

RT: 21.207 min Scan# 4107

Delta R.T. -0.025 min

Lab File: BN032698.D

Acq: 13 Jul 2024 07:16

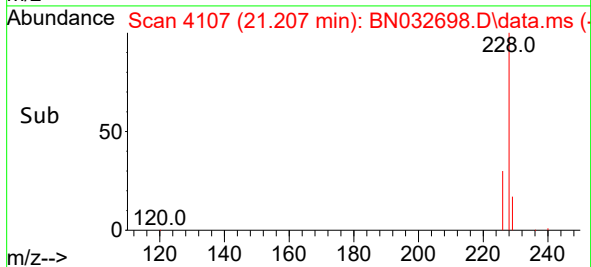
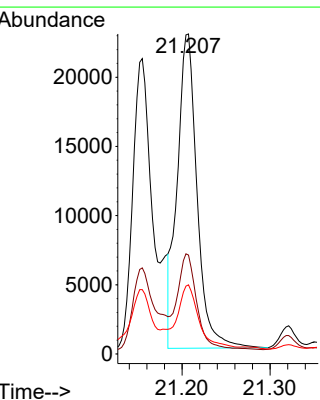
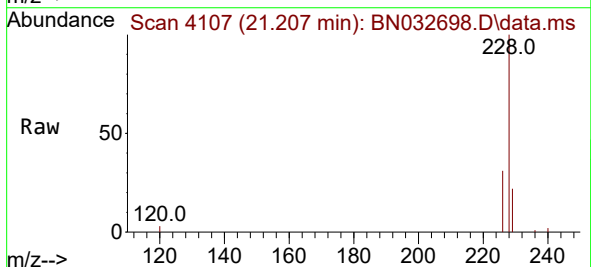
Tgt Ion:228 Resp: 35671

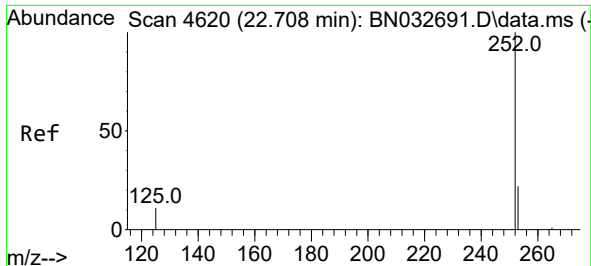
Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

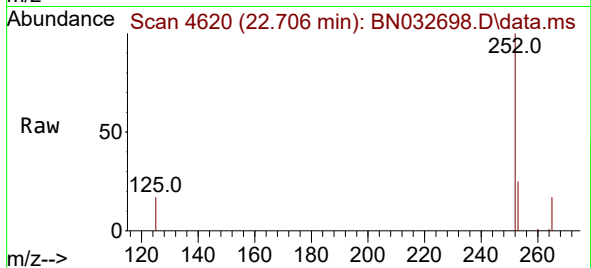
229 21.6 15.8 23.6



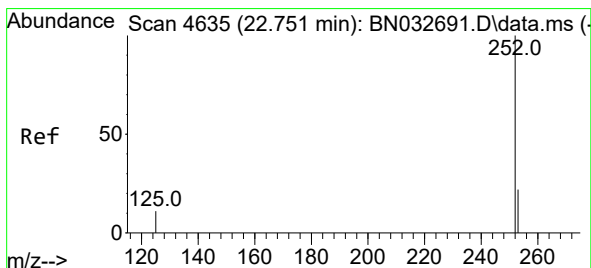
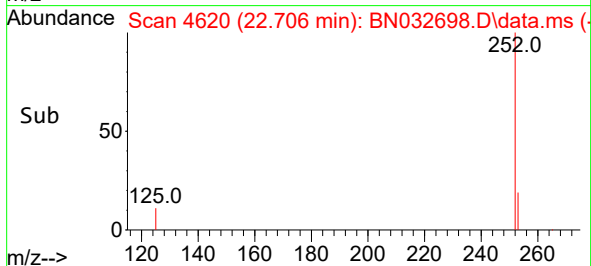
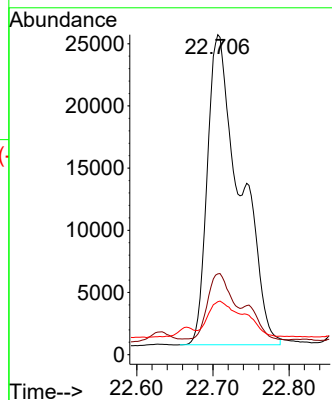


#24
Benzo(b)fluoranthene
Concen: 1.194 ng/ul
RT: 22.706 min Scan# 4620
Delta R.T. -0.028 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

Instrument :
BNA_N
ClientSampleId :
A4CE9DL

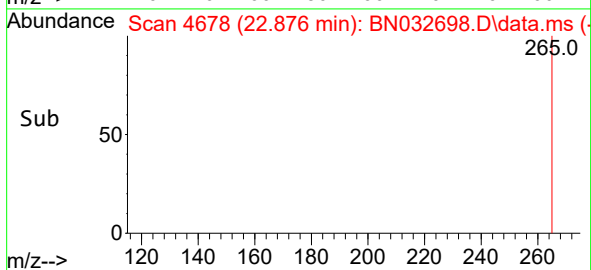
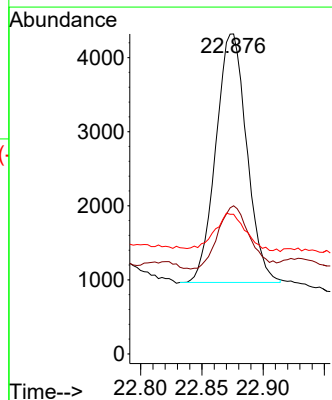
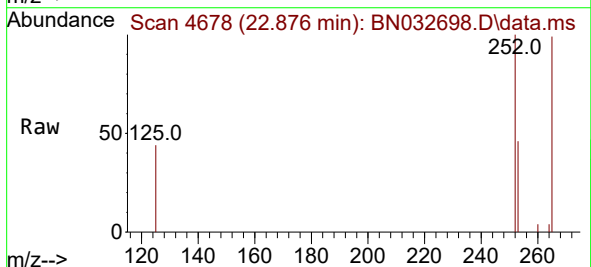


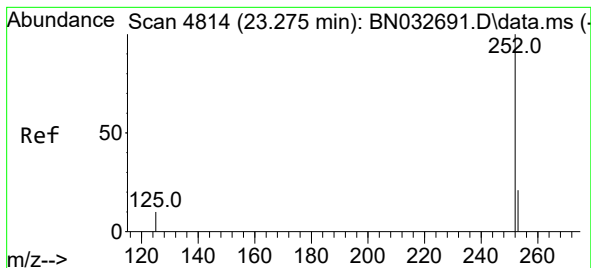
Tgt Ion:252 Resp: 74822
Ion Ratio Lower Upper
252 100
253 25.3 0.0 54.0
125 16.6 0.0 36.0



#25
Benzo(k)fluoranthene
Concen: 0.077 ng/ul
RT: 22.876 min Scan# 4678
Delta R.T. 0.098 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

Tgt Ion:252 Resp: 5880
Ion Ratio Lower Upper
252 100
253 46.3 21.2 31.8#
125 43.6 14.8 22.2#





#26

Benzo(a)pyrene

Concen: 0.342 ng/ul

RT: 23.265 min Scan# 4814

Delta R.T. -0.045 min

Lab File: BN032698.D

Acq: 13 Jul 2024 07:16

Instrument :

BNA_N

ClientSampleId :

A4CE9DL

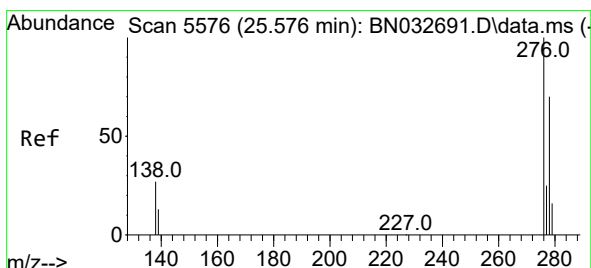
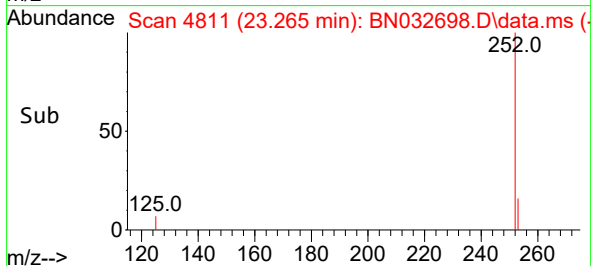
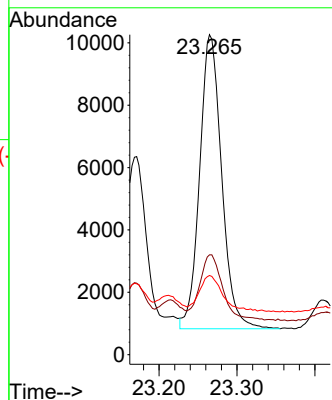
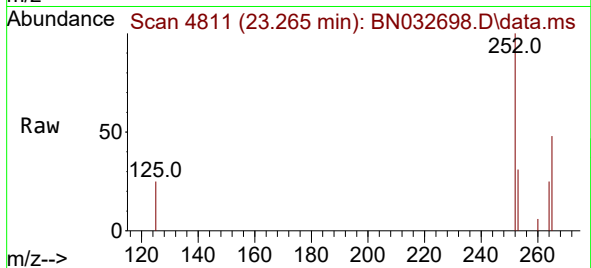
Tgt Ion:252 Resp: 18533

Ion Ratio Lower Upper

252 100

253 31.2 25.4 38.0

125 24.7 20.6 30.8



#27

Indeno(1,2,3-cd)pyrene

Concen: 0.269 ng/ul

RT: 25.571 min Scan# 5575

Delta R.T. -0.055 min

Lab File: BN032698.D

Acq: 13 Jul 2024 07:16

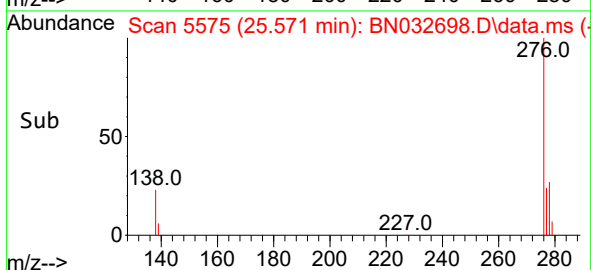
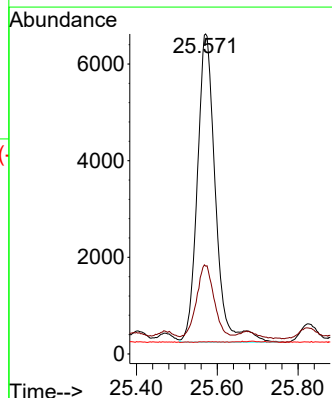
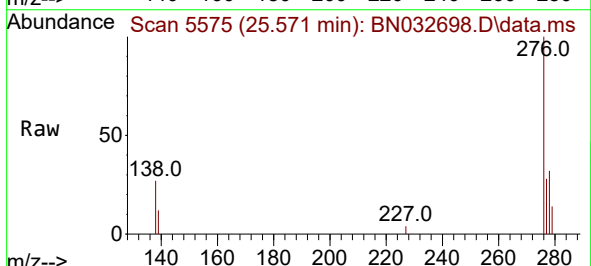
Tgt Ion:276 Resp: 19753

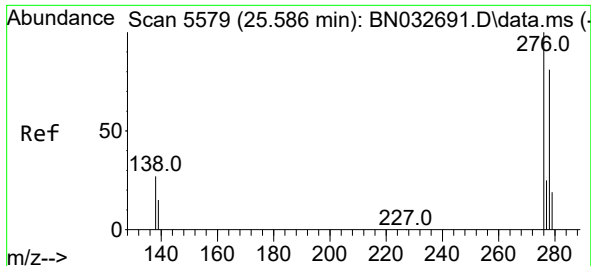
Ion Ratio Lower Upper

276 100

138 23.0 21.6 32.4

227 0.1 0.0 0.0#

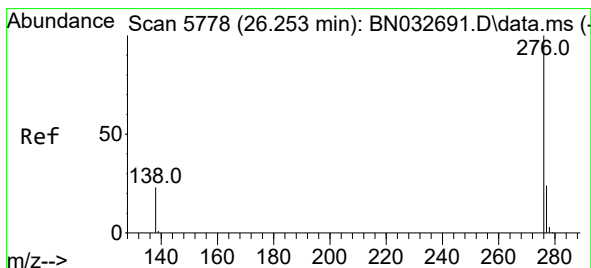
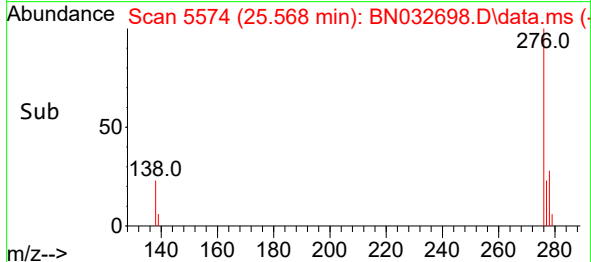
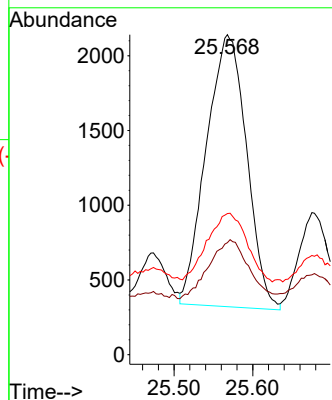
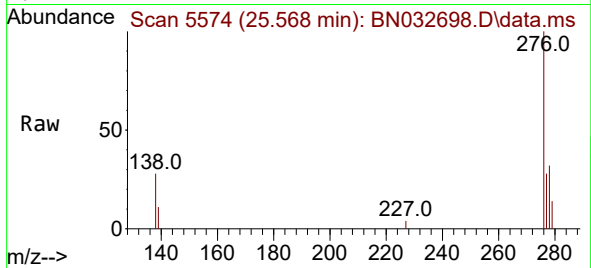




#28
Dibenzo(a,h)anthracene
Concen: 0.114 ng/ul
RT: 25.568 min Scan# 51
Delta R.T. -0.072 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

Instrument :
BNA_N
ClientSampleId :
A4CE9DL

Tgt Ion:278 Resp: 6475
Ion Ratio Lower Upper
278 100
139 35.0 16.6 24.8#
279 44.1 23.7 35.5#



#29
Benzo(g,h,i)perylene
Concen: 0.043 ng/ul
RT: 26.255 min Scan# 5779
Delta R.T. -0.045 min
Lab File: BN032698.D
Acq: 13 Jul 2024 07:16

Tgt Ion:276 Resp: 2650
Ion Ratio Lower Upper
276 100
138 48.0 21.0 31.4#
277 46.3 20.6 31.0#

