

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121622\
 Data File : BN023271.D
 Acq On : 17 Dec 2022 10:56
 Operator : CG/JU
 Sample : N5925-16
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 DBYA3

Quant Time: Dec 19 00:14:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN121522.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 15 23:22:36 2022
 Response via : Initial Calibration

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

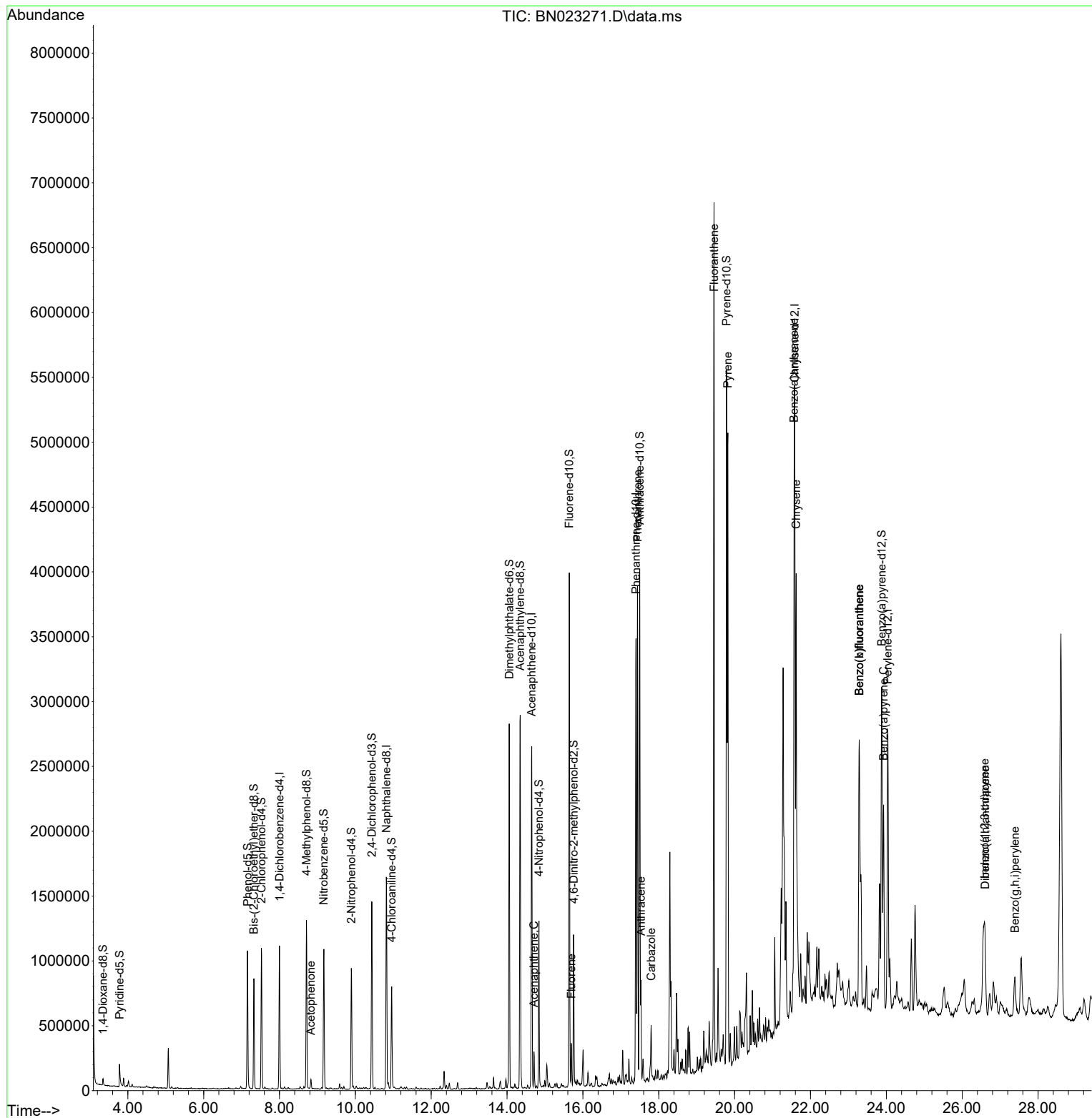
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.999	152	289794	20.000	ng/ul	0.00
20) Naphthalene-d8	10.816	136	1348629	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.645	164	884709	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.398	188	2018194	20.000	ng/ul	0.00
79) Chrysene-d12	21.586	240	1685998	20.000	ng/ul	0.00
88) Perylene-d12	24.039	264	1636990	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.346	96	27276	3.894	ng/uL	0.00
4) Pyridine-d5	3.781	84	105862	5.120	ng/ul	0.00
7) Phenol-d5	7.158	99	604584	22.431	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.322	67	366098	23.341	ng/ul	0.00
11) 2-Chlorophenol-d4	7.522	132	496222	24.433	ng/ul	0.00
15) 4-Methylphenol-d8	8.710	113	472076	21.815	ng/ul	0.00
21) Nitrobenzene-d5	9.169	128	269994	25.911	ng/ul	0.00
24) 2-Nitrophenol-d4	9.893	143	305083	27.799	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.434	165	513778	24.799	ng/ul	0.00
31) 4-Chloroaniline-d4	10.957	131	429980	12.898	ng/ul	0.00
46) Dimethylphthalate-d6	14.057	166	1751814	26.423	ng/ul	0.00
49) Acenaphthylene-d8	14.345	160	1864674	25.079	ng/ul	0.00
54) 4-Nitrophenol-d4	14.840	143	294716	19.903	ng/ul	0.00
60) Fluorene-d10	15.639	176	1476113	26.137	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.757	200	231702	19.503	ng/ul	0.00
73) Anthracene-d10	17.498	188	2197025	24.290	ng/ul	0.00
81) Pyrene-d10	19.786	212	2436211	26.563	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.880	264	1833111	22.846	ng/ul	0.00
Target Compounds						Qvalue
16) Acetophenone	8.828	105	38684	1.181	ng/ul	98
52) Acenaphthene	14.710	153	104769	1.843	ng/ul	98
61) Fluorene	15.692	166	119955	1.872	ng/ul	99
72) Phenanthrene	17.439	178	2188394	20.492	ng/ul	100
74) Anthracene	17.528	178	471172	4.422	ng/ul	99
77) Carbazole	17.798	167	242659	2.473	ng/ul	100
80) Fluoranthene	19.457	202	3792877	35.558	ng/ul	96
82) Pyrene	19.822	202	2897382	25.858	ng/ul	96
85) Benzo(a)anthracene	21.569	228	1538866	13.623	ng/ul	98
87) Chrysene	21.622	228	1402300	13.155	ng/ul	98
90) Benzo(b)fluoranthene	23.286	252	1721853	16.677	ng/ul	99
91) Benzo(k)fluoranthene	23.286	252	1721853	17.524	ng/ul	99
93) Benzo(a)pyrene	23.927	252	1027317	11.578	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.592	276	630862	5.612	ng/ul	95
95) Dibenzo(a,h)anthracene	26.604	278	176047	1.921	ng/ul#	89
96) Benzo(g,h,i)perylene	27.392	276	409000	4.599	ng/ul	100

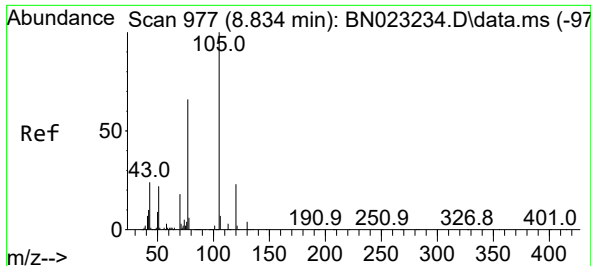
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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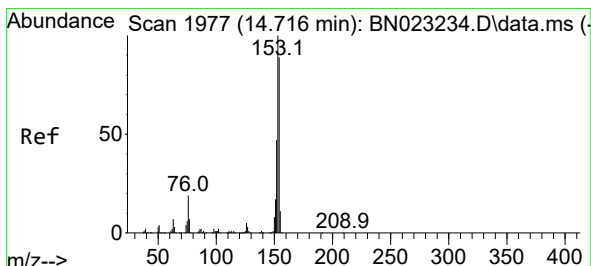
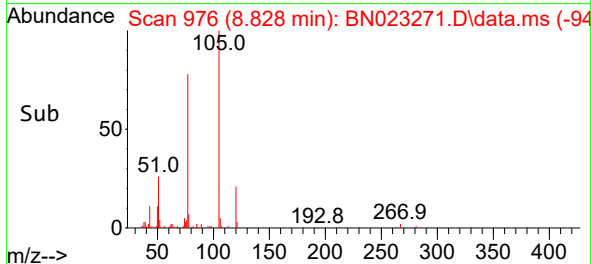
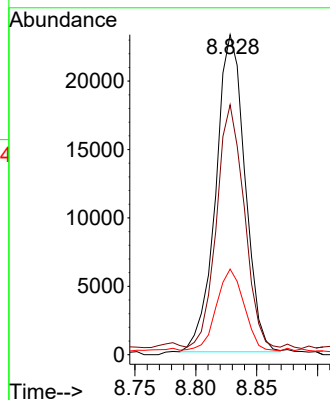
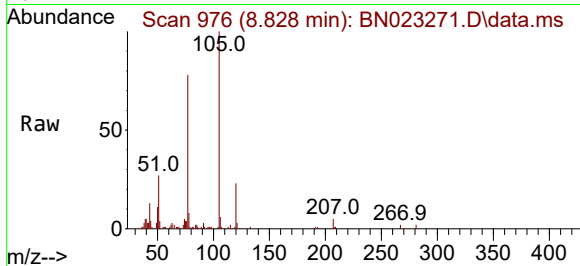




#16
Acetophenone
Concen: 1.181 ng/ul
RT: 8.828 min Scan# 91
Delta R.T. -0.006 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

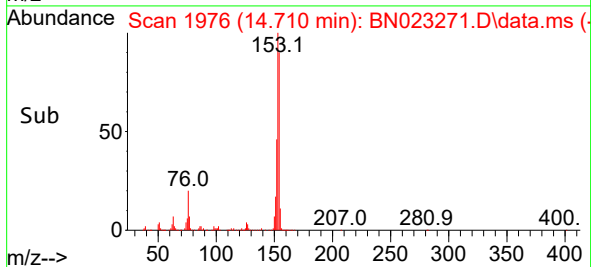
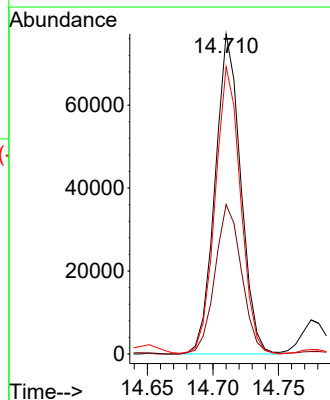
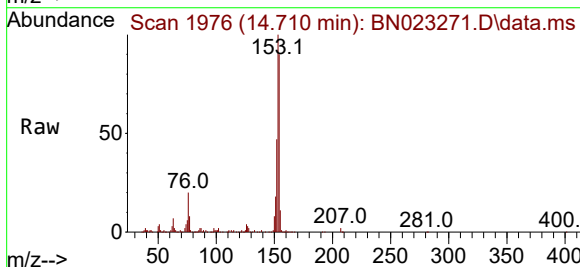
Instrument :
BNA_N
ClientSampleId :
DBYA3

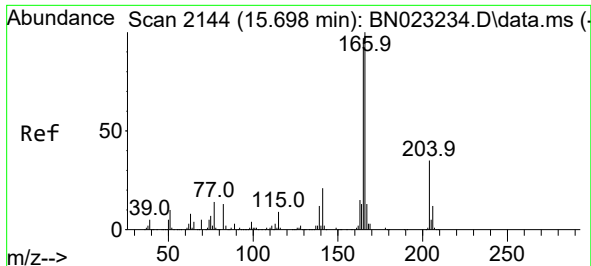
Tgt Ion:105 Resp: 38684
Ion Ratio Lower Upper
105 100
77 78.1 61.4 92.0
51 26.8 20.0 30.0



#52
Acenaphthene
Concen: 1.843 ng/ul
RT: 14.710 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

Tgt Ion:153 Resp: 104769
Ion Ratio Lower Upper
153 100
152 46.7 38.9 58.3
154 89.8 70.5 105.7

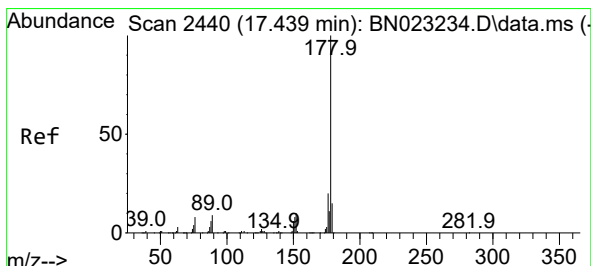
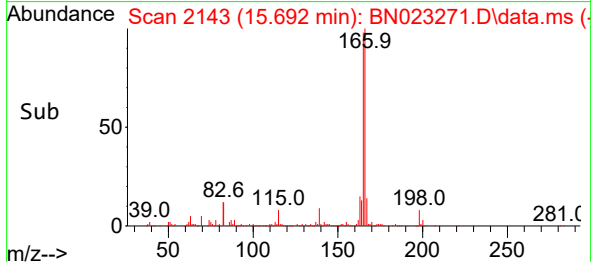
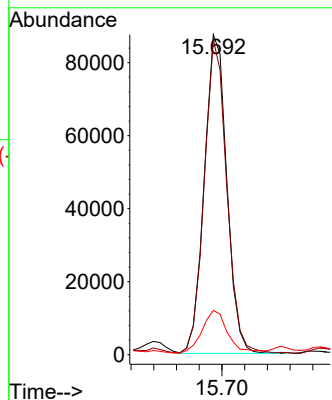
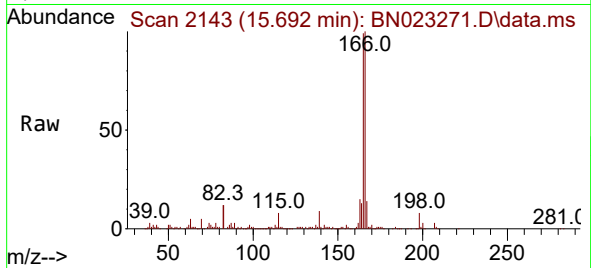




#61
Fluorene
Concen: 1.872 ng/ul
RT: 15.692 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

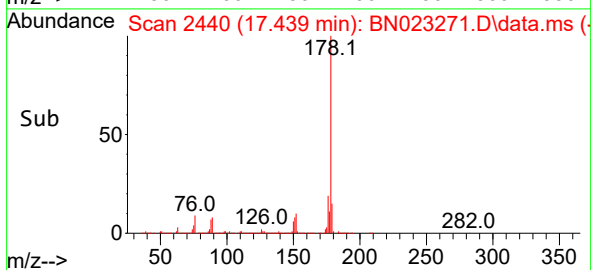
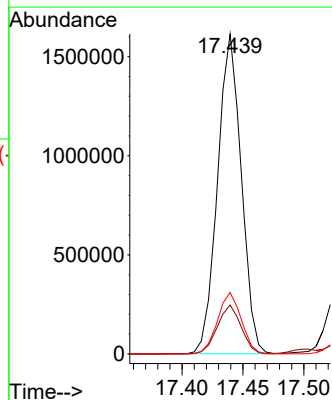
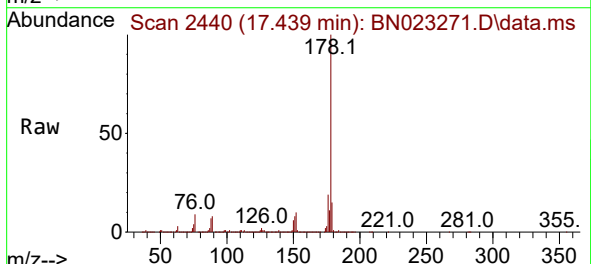
Instrument :
BNA_N
ClientSampleId :
DBYA3

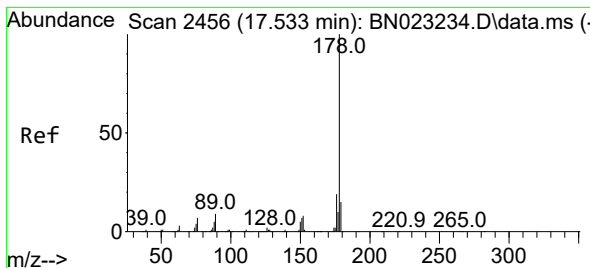
Tgt Ion:166 Resp: 119955
Ion Ratio Lower Upper
166 100
165 98.5 77.8 116.8
167 13.9 10.6 15.8



#72
Phenanthrene
Concen: 20.492 ng/ul
RT: 17.439 min Scan# 2440
Delta R.T. 0.000 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

Tgt Ion:178 Resp: 2188394
Ion Ratio Lower Upper
178 100
179 15.3 12.3 18.5
176 19.2 15.4 23.0





#74

Anthracene

Concen: 4.422 ng/ul

RT: 17.528 min Scan# 2456

Delta R.T. -0.006 min

Lab File: BN023271.D

Acq: 17 Dec 2022 10:56

Instrument :

BNA_N

ClientSampleId :

DBYA3

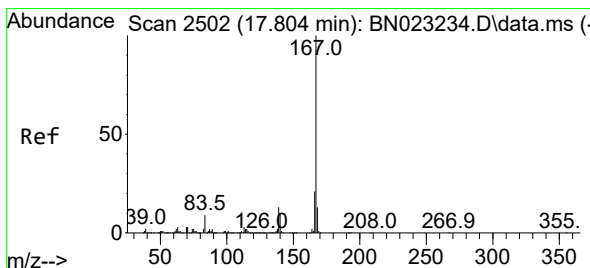
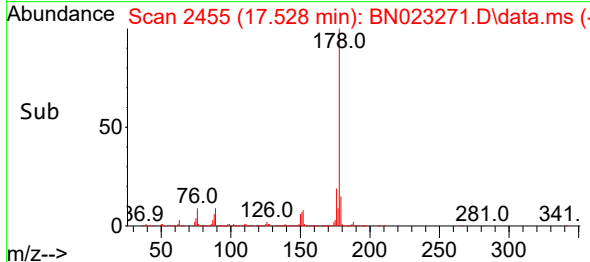
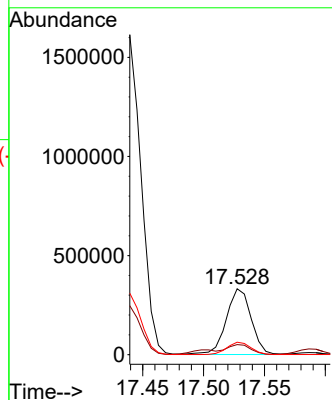
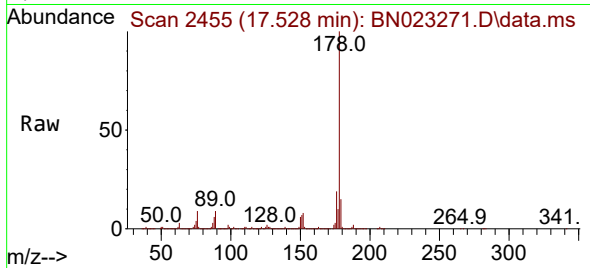
Tgt Ion:178 Resp: 471172

Ion Ratio Lower Upper

178 100

179 15.3 11.8 17.6

176 18.9 14.7 22.1



#77

Carbazole

Concen: 2.473 ng/ul

RT: 17.798 min Scan# 2501

Delta R.T. -0.006 min

Lab File: BN023271.D

Acq: 17 Dec 2022 10:56

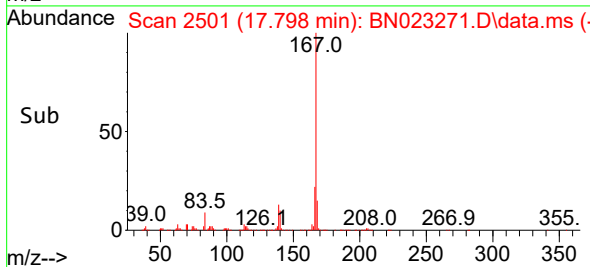
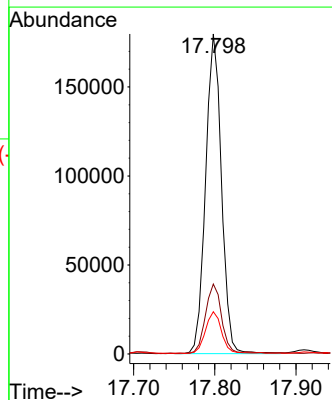
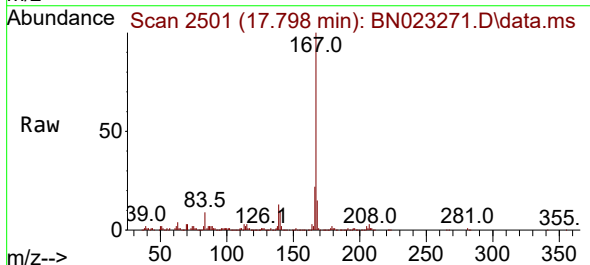
Tgt Ion:167 Resp: 242659

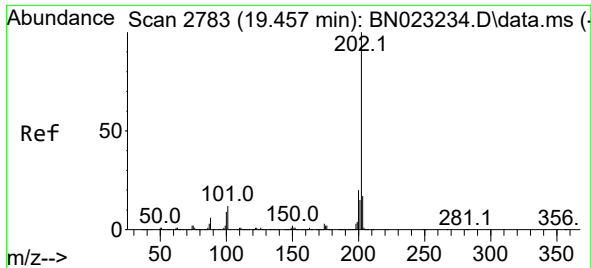
Ion Ratio Lower Upper

167 100

166 21.8 17.3 25.9

139 13.2 10.6 16.0

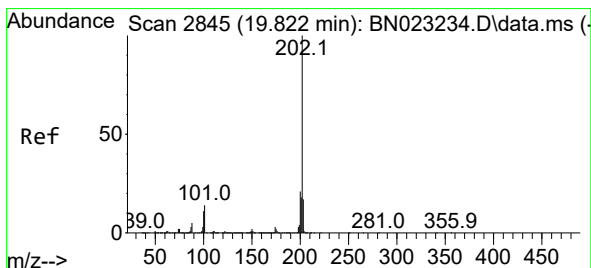
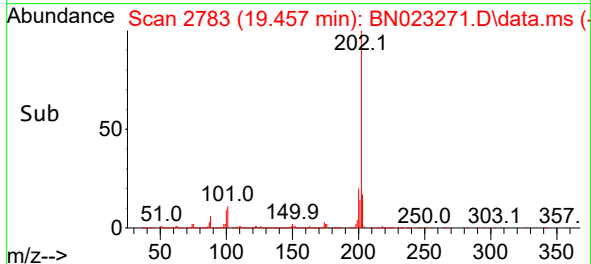
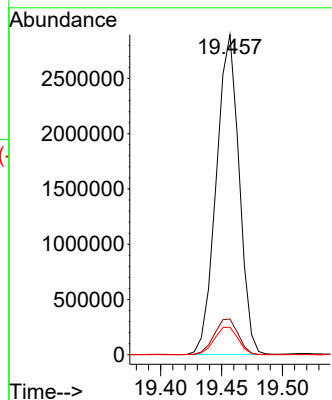
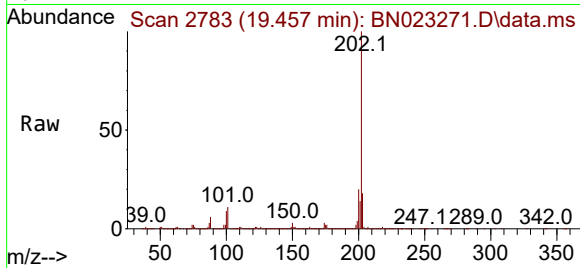




#80
Fluoranthene
Concen: 35.558 ng/ul
RT: 19.457 min Scan# 2783
Delta R.T. 0.006 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

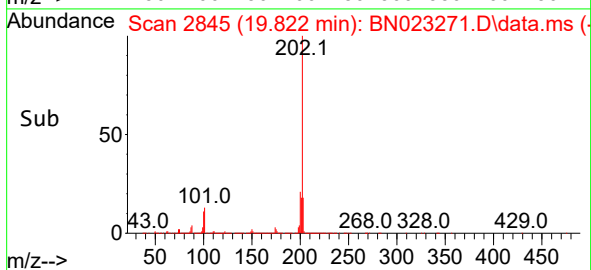
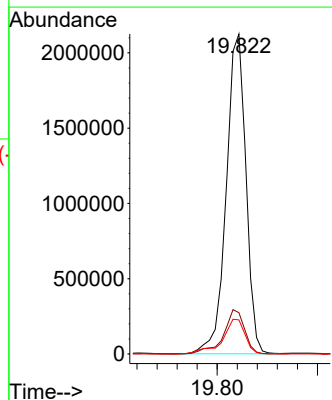
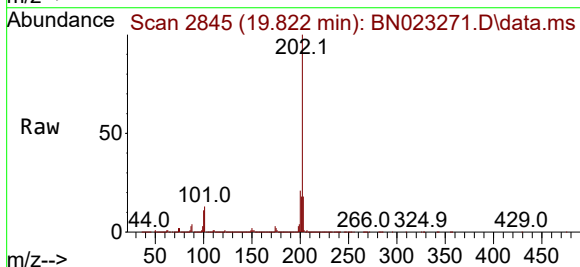
Instrument :
BNA_N
ClientSampleId :
DBYA3

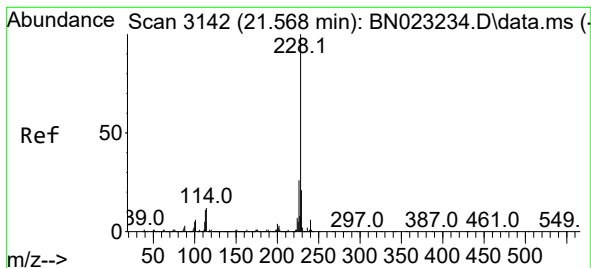
Tgt Ion:202 Resp: 3792877
Ion Ratio Lower Upper
202 100
101 11.2 10.4 15.6
100 8.6 7.6 11.4



#82
Pyrene
Concen: 25.858 ng/ul
RT: 19.822 min Scan# 2845
Delta R.T. 0.006 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

Tgt Ion:202 Resp: 2897382
Ion Ratio Lower Upper
202 100
101 12.9 12.0 18.0
100 10.6 9.5 14.3





#85

Benzo(a)anthracene

Concen: 13.623 ng/ul

RT: 21.569 min Scan# 3142

Delta R.T. 0.000 min

Lab File: BN023271.D

Acq: 17 Dec 2022 10:56

Instrument :

BNA_N

ClientSampleId :

DBYA3

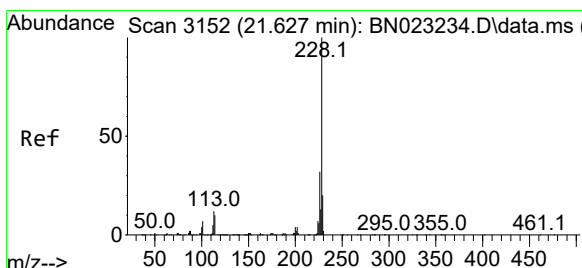
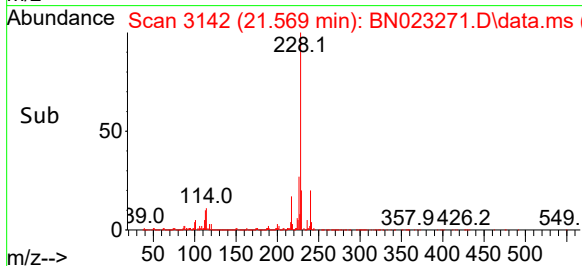
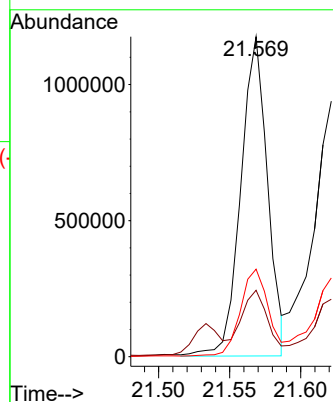
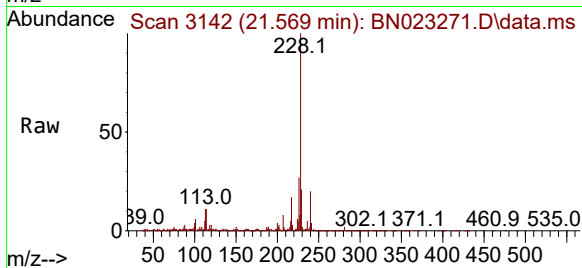
Tgt Ion:228 Resp: 1538866

Ion Ratio Lower Upper

228 100

229 20.7 15.5 23.3

226 27.4 21.4 32.0



#87

Chrysene

Concen: 13.155 ng/ul

RT: 21.622 min Scan# 3151

Delta R.T. 0.000 min

Lab File: BN023271.D

Acq: 17 Dec 2022 10:56

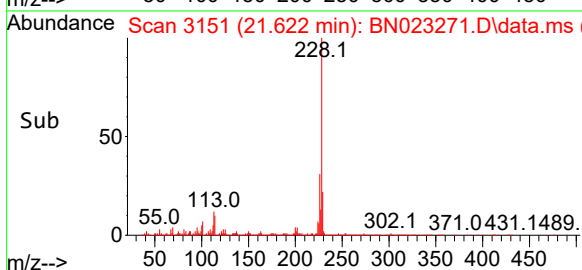
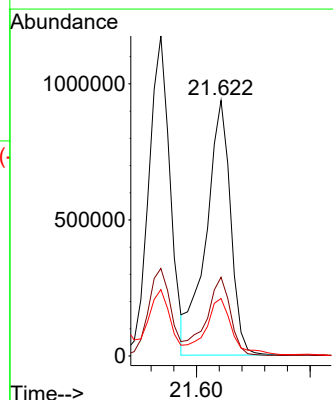
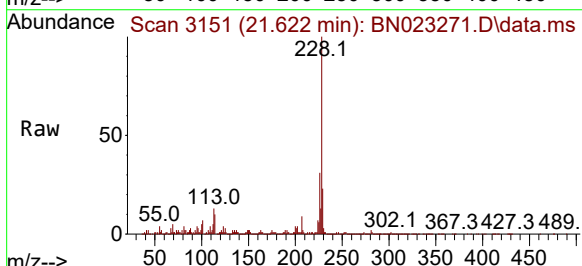
Tgt Ion:228 Resp: 1402300

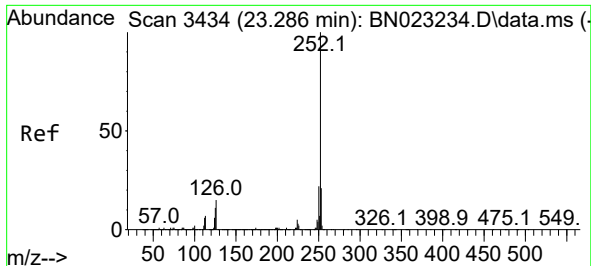
Ion Ratio Lower Upper

228 100

226 30.8 24.6 36.8

229 22.5 16.5 24.7

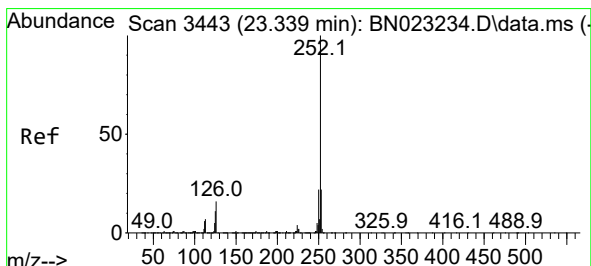
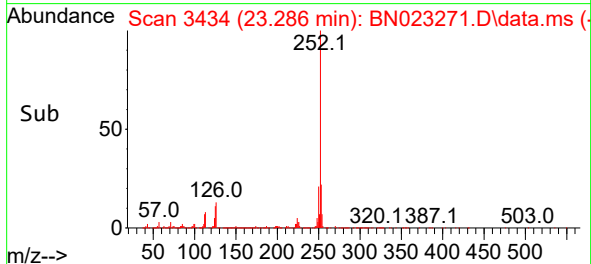
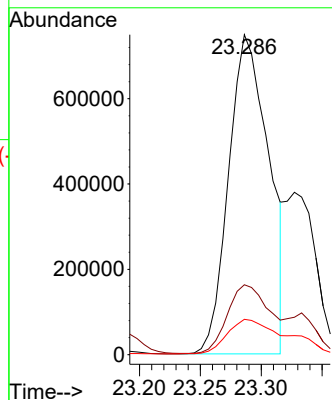
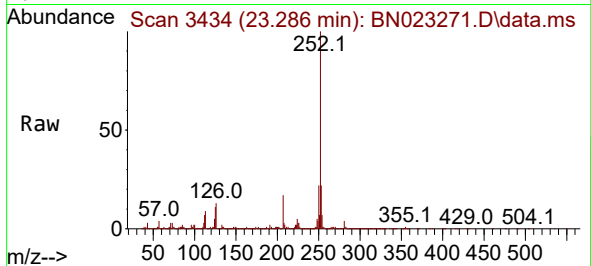




#90
Benzo(b)fluoranthene
Concen: 16.677 ng/ul
RT: 23.286 min Scan# 3434
Delta R.T. 0.006 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

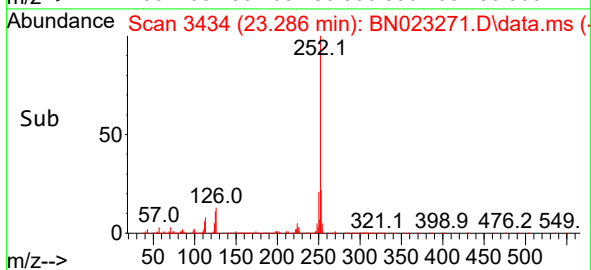
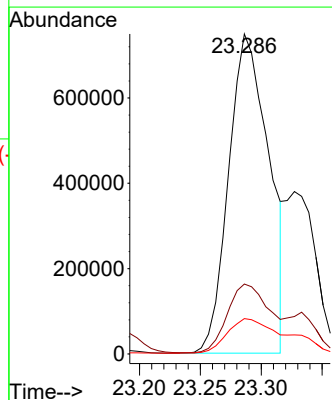
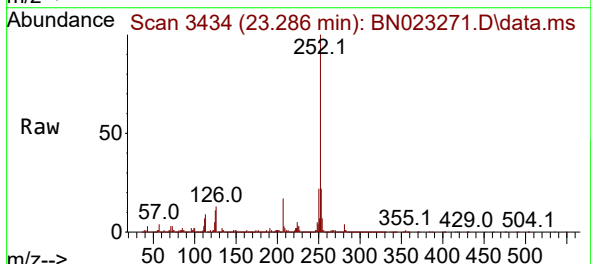
Instrument :
BNA_N
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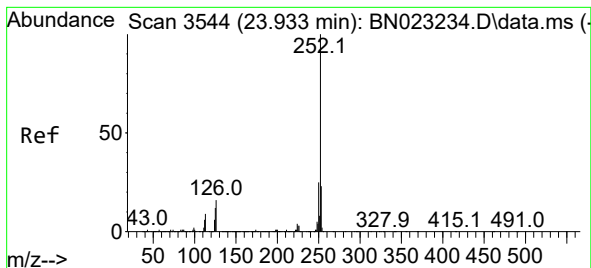
Tgt Ion:252 Resp: 1721853
Ion Ratio Lower Upper
252 100
253 21.9 16.8 25.2
125 11.1 8.8 13.2



#91
Benzo(k)fluoranthene
Concen: 17.524 ng/ul
RT: 23.286 min Scan# 3434
Delta R.T. -0.047 min
Lab File: BN023271.D
Acq: 17 Dec 2022 10:56

Tgt Ion:252 Resp: 1721853
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 11.1 9.0 13.6





#93

Benzo(a)pyrene

Concen: 11.578 ng/ul

RT: 23.927 min Scan# 3

Delta R.T. 0.000 min

Lab File: BN023271.D

Acq: 17 Dec 2022 10:56

Instrument :

BNA_N

ClientSampleId :

DBYA3

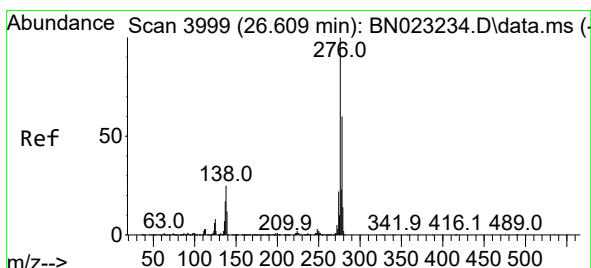
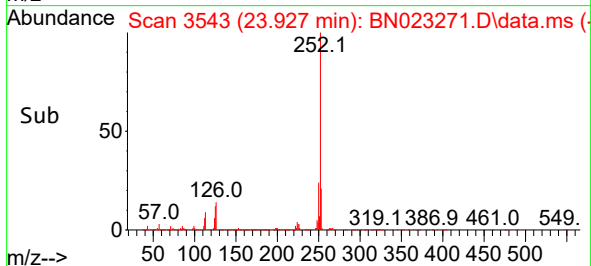
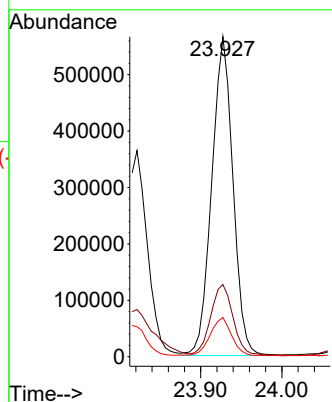
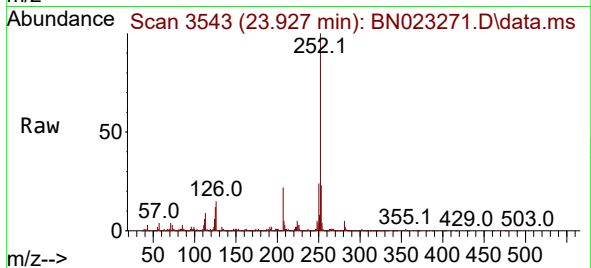
Tgt Ion:252 Resp: 1027317

Ion Ratio Lower Upper

252 100

253 22.6 17.6 26.4

125 12.2 9.4 14.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 5.612 ng/ul

RT: 26.592 min Scan# 3996

Delta R.T. -0.006 min

Lab File: BN023271.D

Acq: 17 Dec 2022 10:56

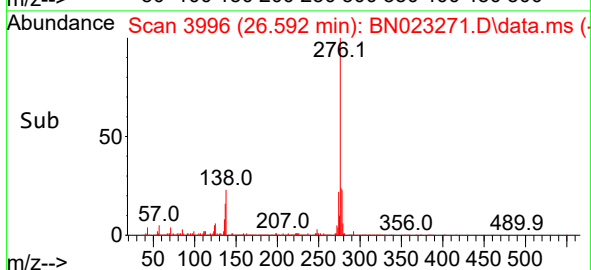
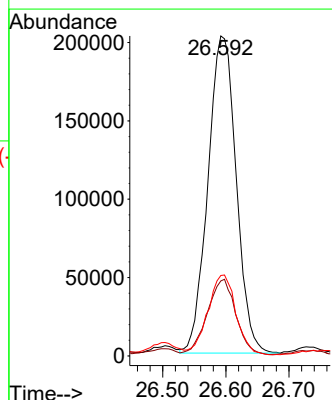
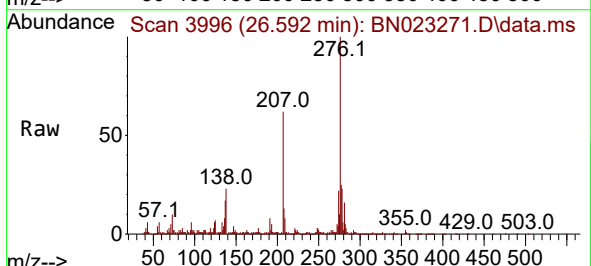
Tgt Ion:276 Resp: 630862

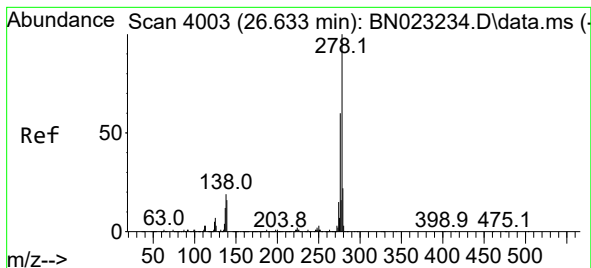
Ion Ratio Lower Upper

276 100

138 23.5 20.6 30.8

277 25.1 18.2 27.2





#95

Dibenzo(a,h)anthracene

Concen: 1.921 ng/ul

RT: 26.604 min Scan# 3998

Delta R.T. -0.018 min

Lab File: BN023271.D

Acq: 17 Dec 2022 10:56

Instrument :

BNA_N

ClientSampleId :

DBYA3

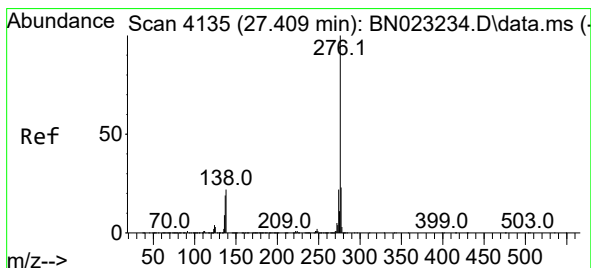
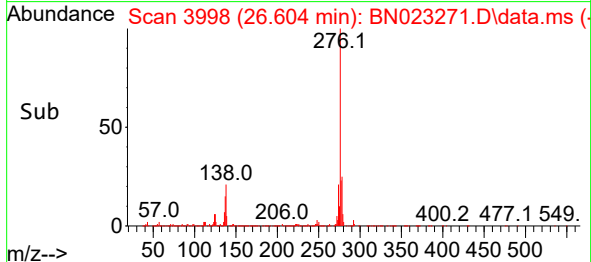
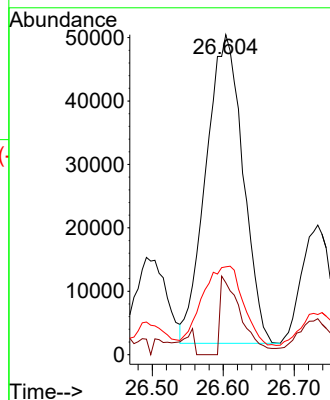
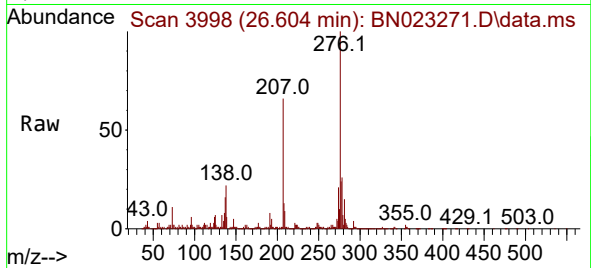
Tgt Ion:278 Resp: 176047

Ion Ratio Lower Upper

278 100

139 22.5 13.3 19.9#

279 27.4 18.6 27.8



#96

Benzo(g,h,i)perylene

Concen: 4.599 ng/ul

RT: 27.392 min Scan# 4132

Delta R.T. 0.000 min

Lab File: BN023271.D

Acq: 17 Dec 2022 10:56

Tgt Ion:276 Resp: 409000

Ion Ratio Lower Upper

276 100

138 24.0 19.2 28.8

277 23.7 19.3 28.9

