Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039783.D
Acq On : 01 May 2023 18:37
Operator : CG/JU
Sample : 02418-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW904

Quant Time: May 02 01:26:49 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.791	152	4590	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.588	136	16119	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.445	164	10229	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.211	188	12273	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.373	240	13999	0.400	ng/ul	#-0.03
23) Perylene-d12	23.679	264	238556	0.400	ng/ul	#-0.07
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.188	96	14992	2.216	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.188	152	4970	0.240	ng/ul	-0.01
18) Fluoranthene-d10	19.158	212	34704	0.921	ng/ul	-0.08
Target Compounds						Qvalue
5) Naphthalene	10.638	128	850773	21.019	ng/ul	97
7) 2-Methylnaphthalene	12.260	142	329242	14.093	ng/ul	96
8) 1-Methylnaphthalene	12.480	142	292996	11.692	ng/ul	99
10) Acenaphthylene	14.167	152	1715837	43.338	ng/ul	99
11) Acenaphthene	14.509	153	1171856	37.682	ng/ul	98
12) Fluorene	15.504	166	1961544	56.851	ng/ul	96
14) Pentachlorophenol	16.882	266	1326	0.496	ng/ul	96
15) Phenanthrene	17.283	178	16849951	521.123	ng/ul	97
16) Anthracene	17.355	178	6032805	217.291	ng/ul	99
19) Fluoranthene	19.316	202	19077553	381.988	ng/ul	96
20) Pyrene	19.692	202	22141093	410.528	ng/ul	96
22) Chrysene	21.428	228	14551065	319.459	ng/ul#	94
26) Benzo(a)pyrene	23.641	252	13053393	17.354	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.013	276	2541995	2.673	ng/ul#	76
28) Dibenzo(a,h)anthracene	26.134	278	1343404	1.820	ng/ul#	87
29) Benzo(g,h,i)perylene	26.684	276	848468	1.024	ng/ul#	50

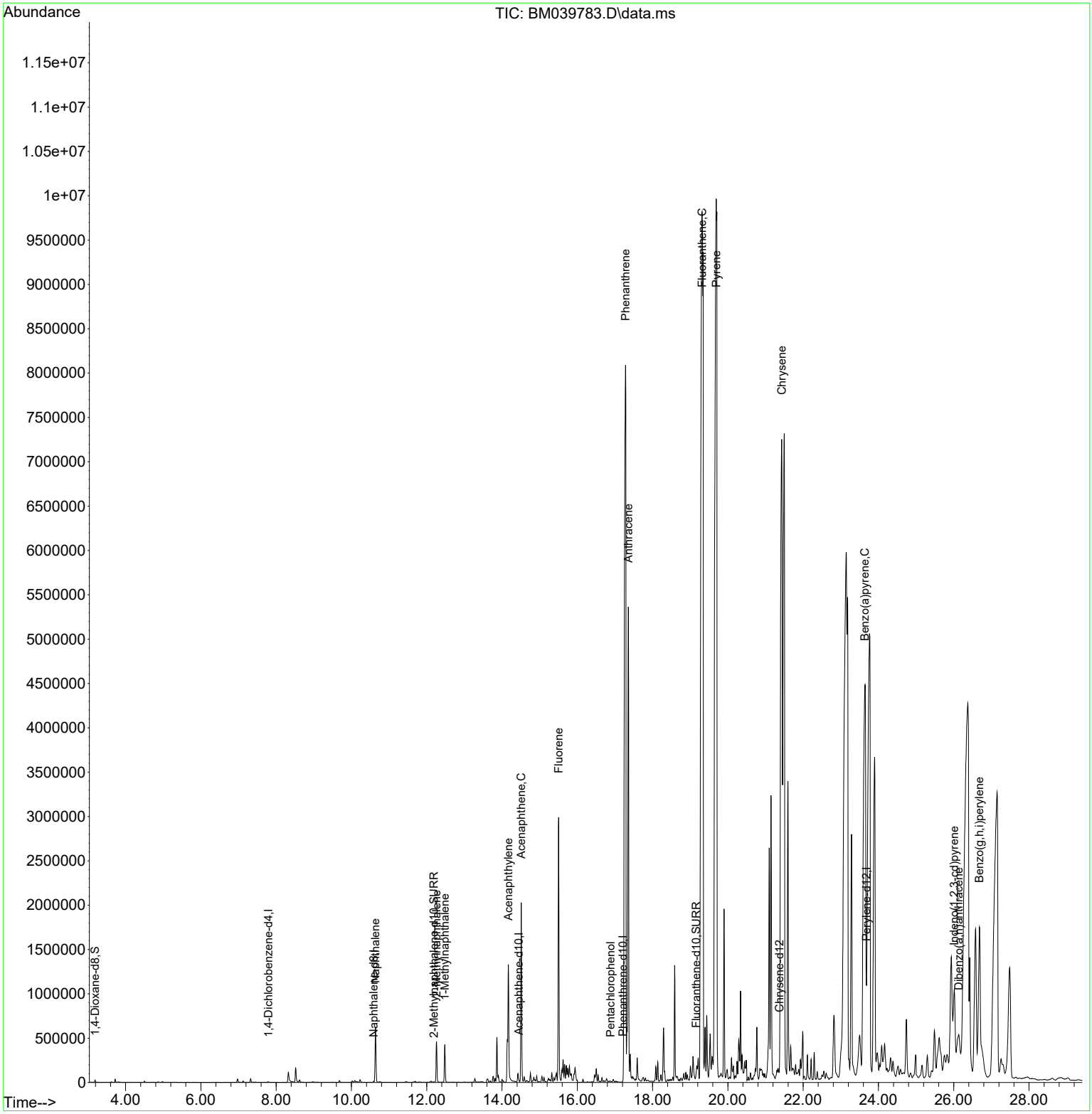
(#) = qualifier out of range (m) = manual integration (+) = signals summed

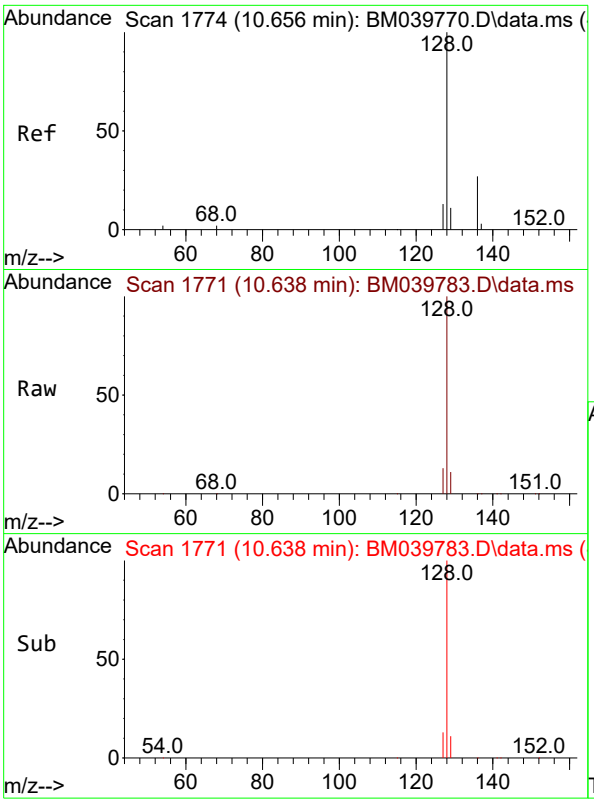
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050123\
Data File : BM039783.D
Acq On : 01 May 2023 18:37
Operator : CG/JU
Sample : 02418-30
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW904

Quant Time: May 02 01:26:49 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-SIM-BM042723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Apr 29 04:28:45 2023
Response via : Initial Calibration



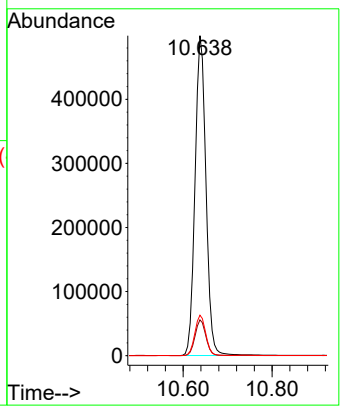


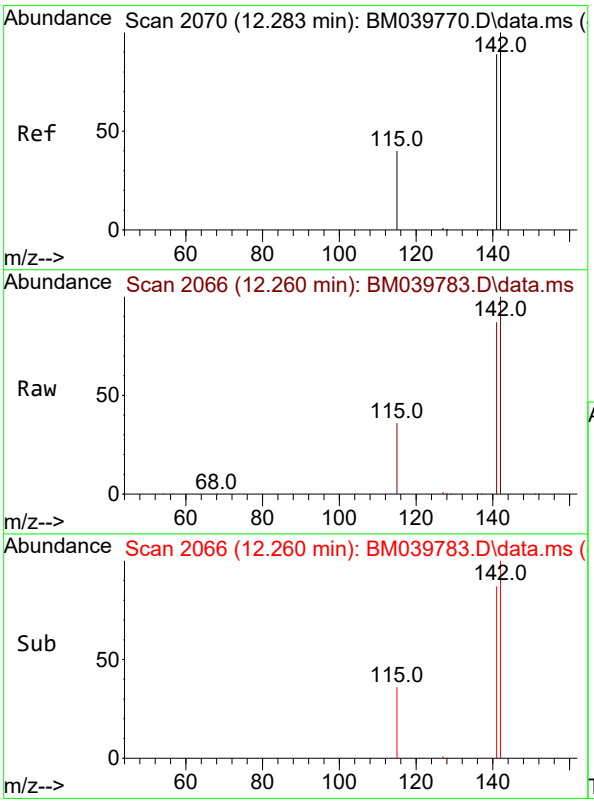
#5
Naphthalene
Concen: 21.019 ng/ul
RT: 10.638 min Scan# 1
Delta R.T. -0.018 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Instrument :
BNA_M
ClientSampleId :
EW904

Tgt Ion:128 Resp: 850773

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.8	14.6
127	12.7	11.1	16.7

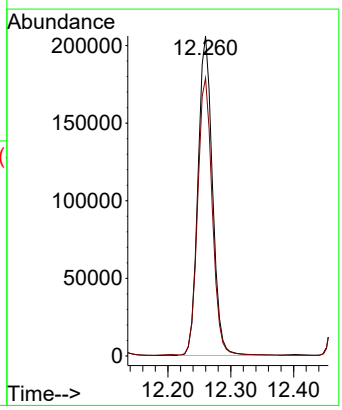


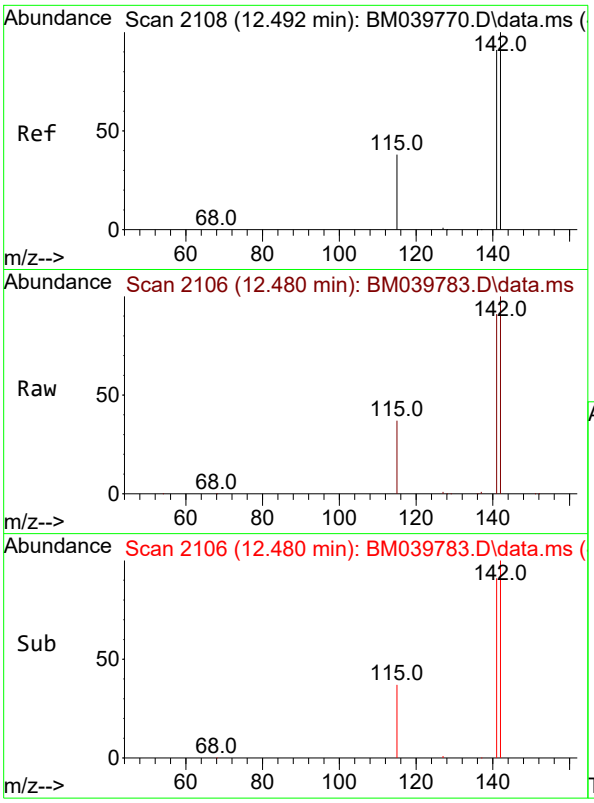


#7
2-Methylnaphthalene
Concen: 14.093 ng/ul
RT: 12.260 min Scan# 2066
Delta R.T. -0.018 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Tgt Ion:142 Resp: 329242

Ion	Ratio	Lower	Upper
142	100		
141	87.6	73.2	109.8



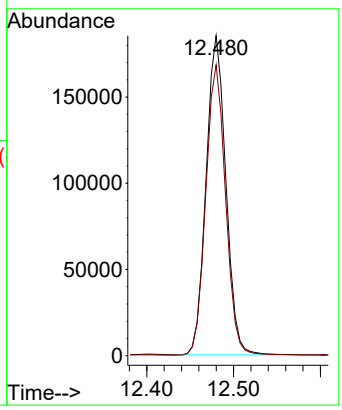


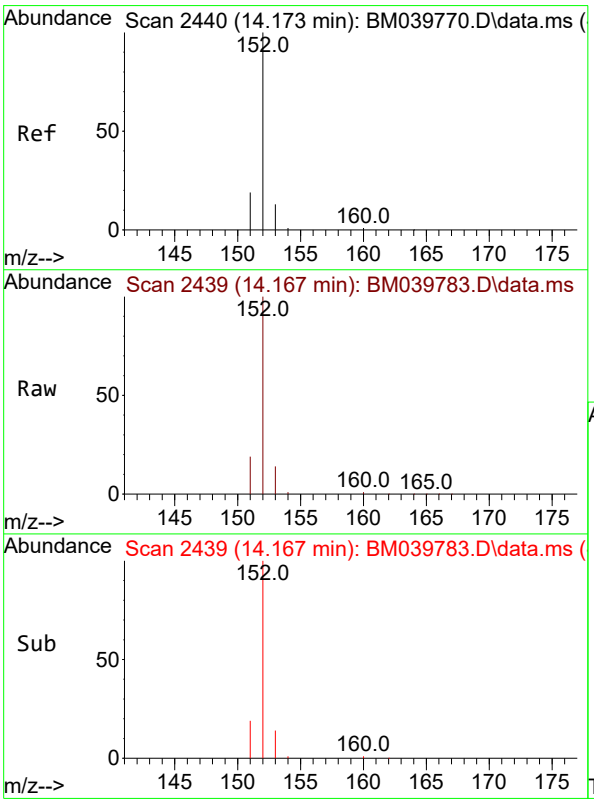
#8
1-Methylnaphthalene
Concen: 11.692 ng/ul
RT: 12.480 min Scan# 21
Delta R.T. -0.012 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Instrument :
BNA_M
ClientSampleId :
EW904

Tgt Ion:142 Resp: 292996

Ion	Ratio	Lower	Upper
142	100		
141	90.9	73.4	110.2

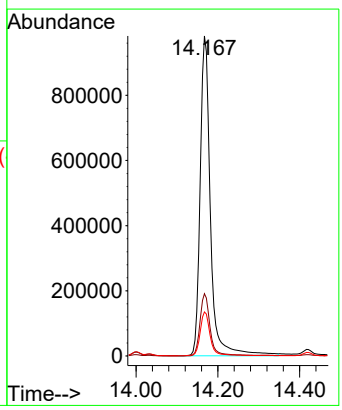


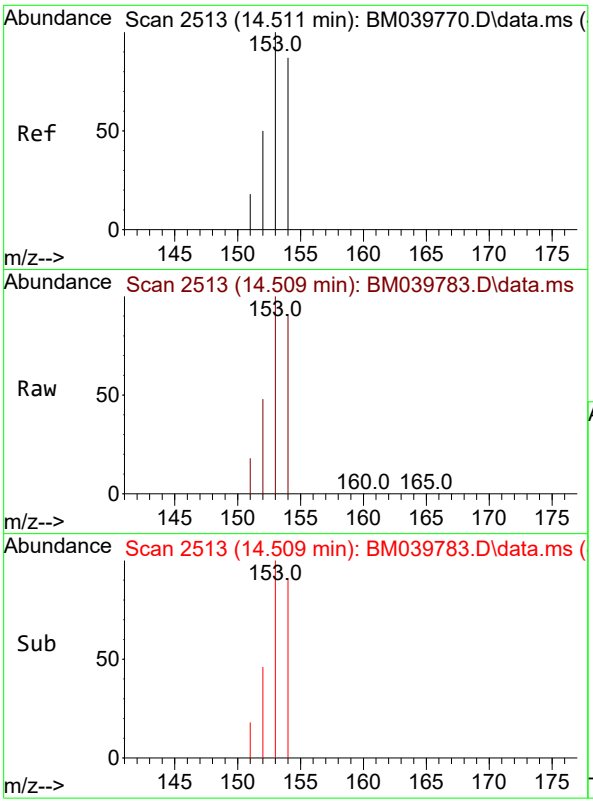


#10
Acenaphthylene
Concen: 43.338 ng/ul
RT: 14.167 min Scan# 2439
Delta R.T. -0.006 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Tgt Ion:152 Resp: 1715837

Ion	Ratio	Lower	Upper
152	100		
151	19.4	16.0	24.0
153	13.7	11.2	16.8



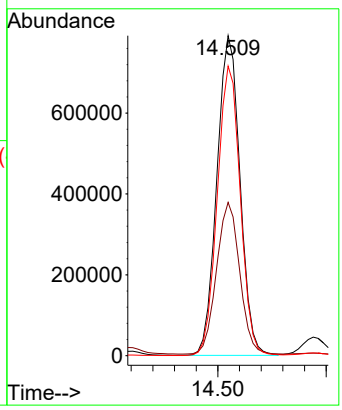


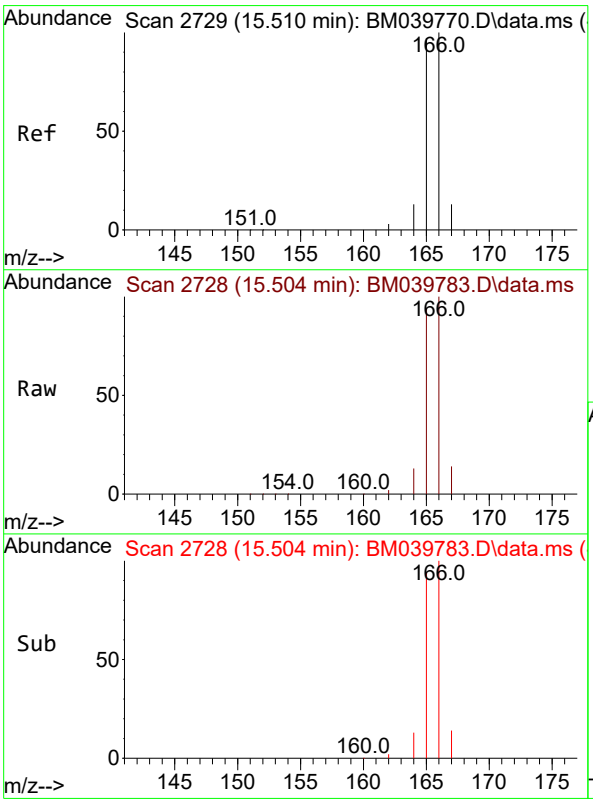
#11
Acenaphthene
Concen: 37.682 ng/ul
RT: 14.509 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Instrument :
BNA_M
ClientSampleId :
EW904

Tgt Ion:153 Resp: 1171856

Ion	Ratio	Lower	Upper
153	100		
152	47.9	40.6	61.0
154	90.5	71.9	107.9

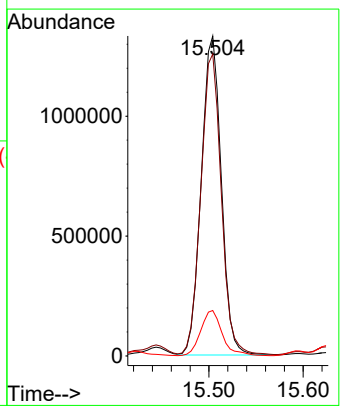


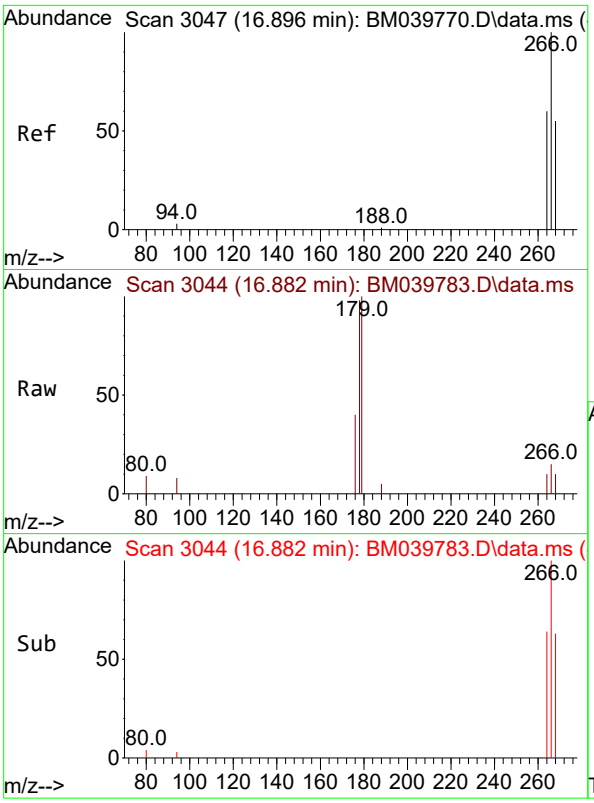


#12
Fluorene
Concen: 56.851 ng/ul
RT: 15.504 min Scan# 2728
Delta R.T. -0.006 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Tgt Ion:166 Resp: 1961544

Ion	Ratio	Lower	Upper
166	100		
165	94.4	79.0	118.6
167	14.2	11.8	17.6



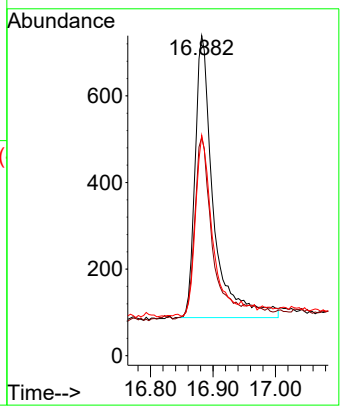


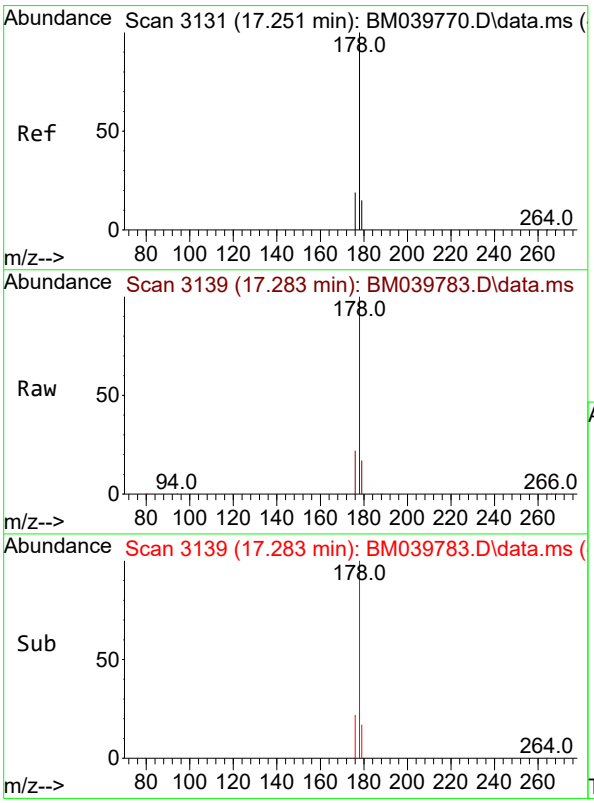
#14
Pentachlorophenol
Concen: 0.496 ng/ul
RT: 16.882 min Scan# 3
Delta R.T. -0.006 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Instrument :
BNA_M
ClientSampleId :
EW904

Tgt Ion:266 Resp: 1326

Ion	Ratio	Lower	Upper
266	100		
264	67.7	48.8	73.2
268	62.8	50.4	75.6

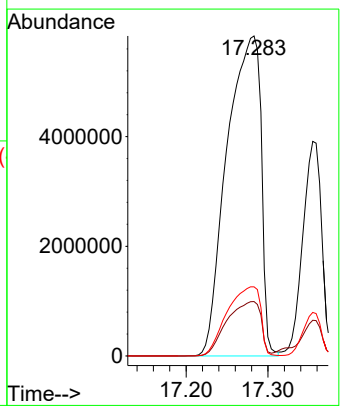


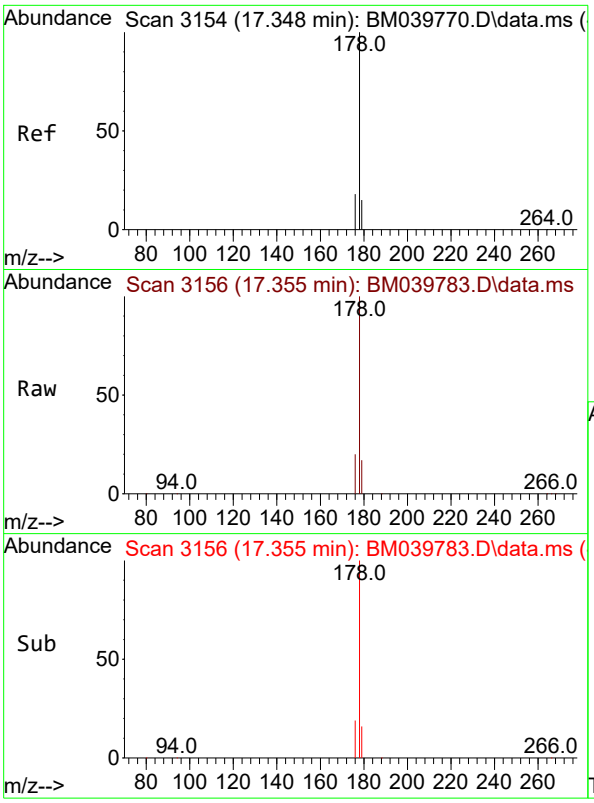


#15
Phenanthrene
Concen: 521.123 ng/ul
RT: 17.283 min Scan# 3139
Delta R.T. 0.037 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Tgt Ion:178 Resp:16849951

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.0	19.6
176	21.6	15.8	23.8



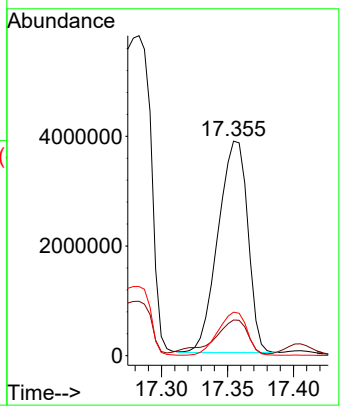


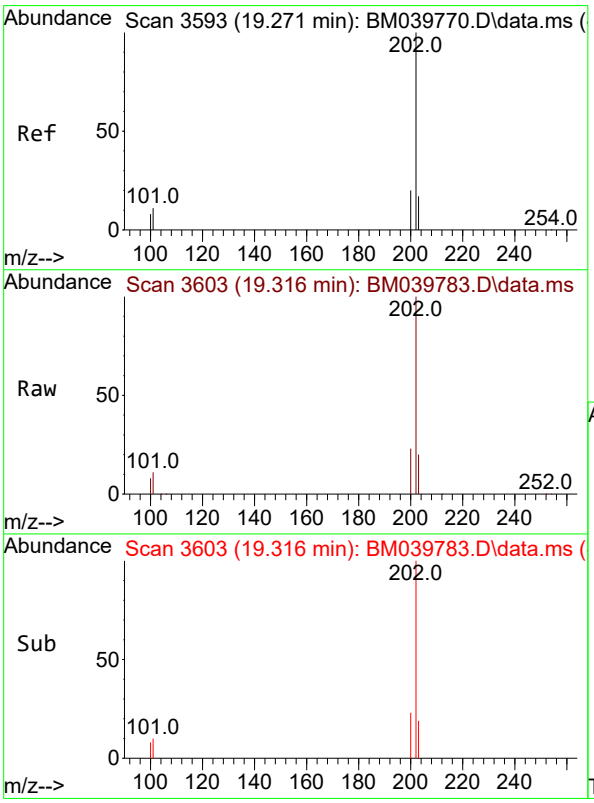
#16
Anthracene
Concen: 217.291 ng/ul
RT: 17.355 min Scan# 3
Delta R.T. 0.011 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Instrument :
BNA_M
ClientSampleId :
EW904

Tgt Ion:178 Resp: 6032805

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.8	20.6
176	20.3	15.8	23.8

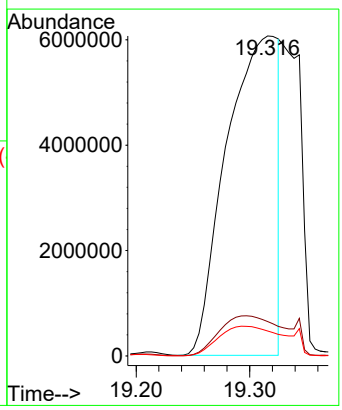


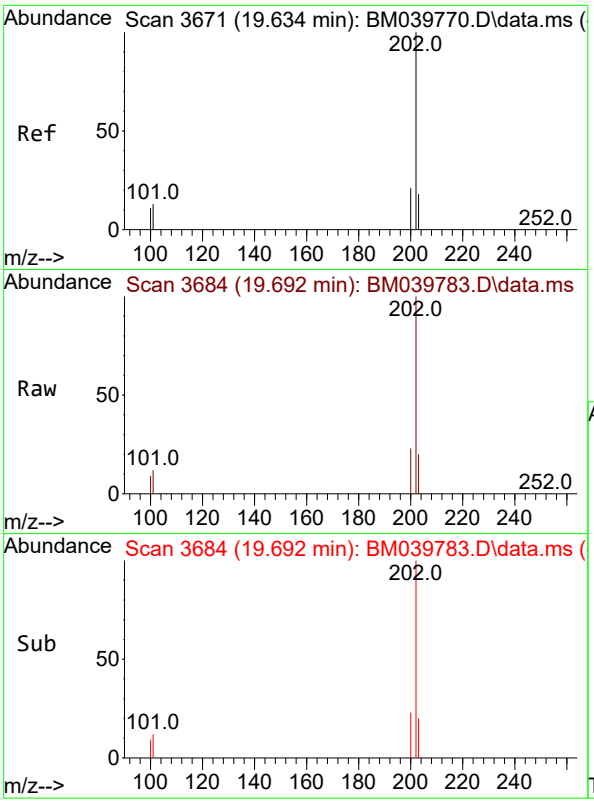


#19
Fluoranthene
Concen: 381.988 ng/ul
RT: 19.316 min Scan# 3603
Delta R.T. 0.049 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Tgt Ion:202 Resp:19077553

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.8	14.8
100	7.8	7.3	10.9



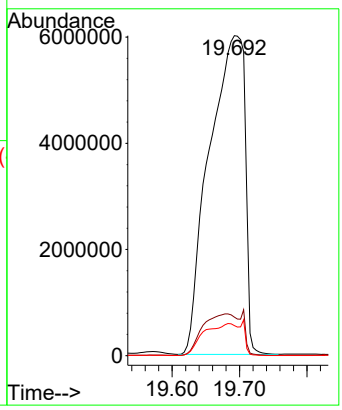


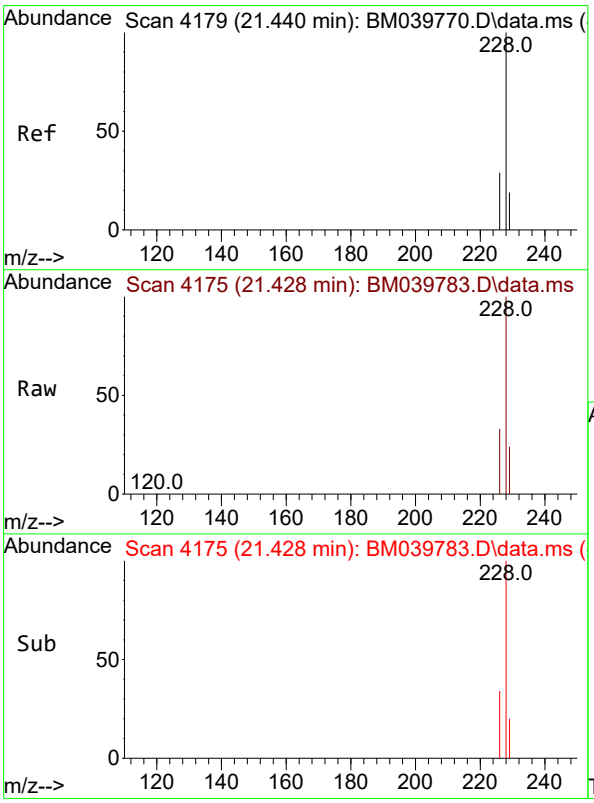
#20
Pyrene
Concen: 410.528 ng/ul
RT: 19.692 min Scan# 3
Delta R.T. 0.059 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Instrument :
BNA_M
ClientSampleId :
EW904

Tgt Ion:202 Resp:22141093

Ion	Ratio	Lower	Upper
202	100		
101	12.1	10.9	16.3
100	9.4	8.9	13.3

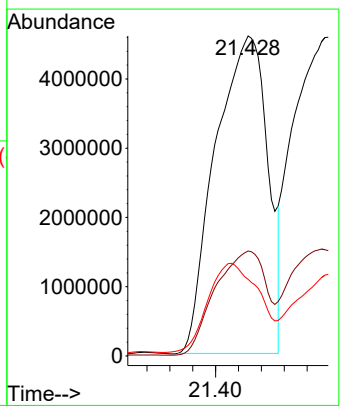


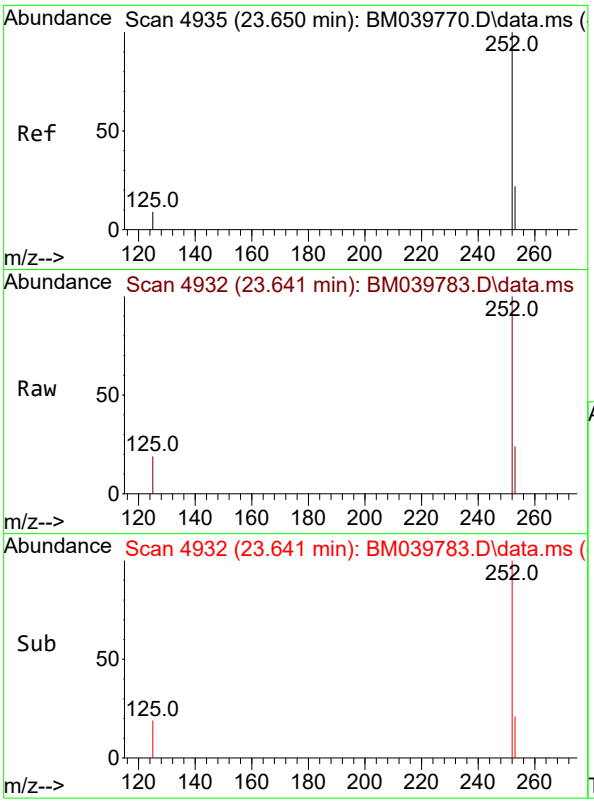


#22
Chrysene
Concen: 319.459 ng/ul
RT: 21.428 min Scan# 4175
Delta R.T. -0.008 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Tgt Ion:228 Resp:14551065

Ion	Ratio	Lower	Upper
228	100		
226	32.8	24.3	36.5
229	24.0	15.9	23.9#



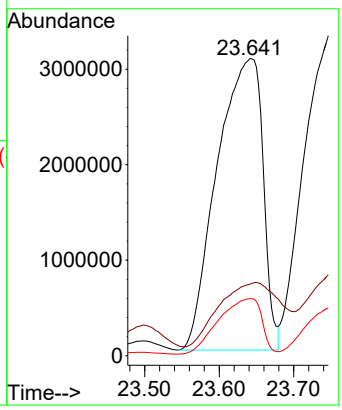


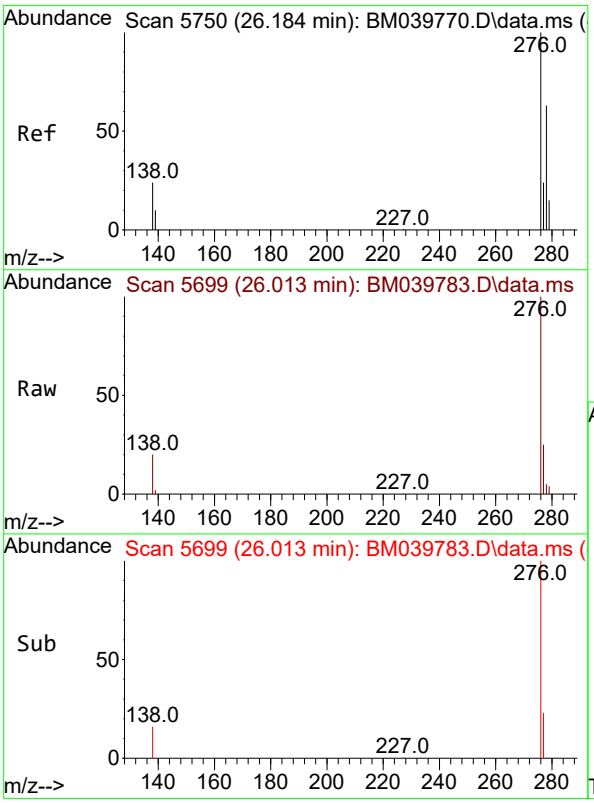
#26
Benzo(a)pyrene
Concen: 17.354 ng/ul
RT: 23.641 min Scan# 4
Delta R.T. -0.002 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Instrument :
BNA_M
ClientSampleId :
EW904

Tgt Ion:252 Resp:13053393

Ion	Ratio	Lower	Upper
252	100		
253	24.1	24.7	37.1#
125	19.2	16.5	24.7

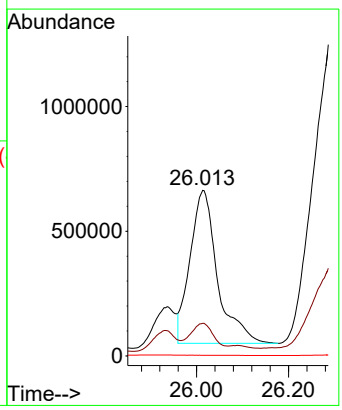


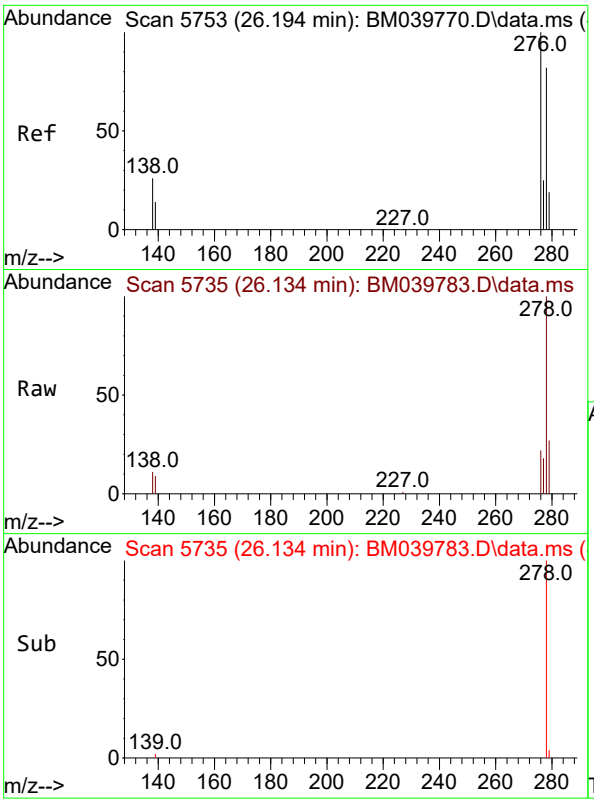


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.673 ng/ul
RT: 26.013 min Scan# 5699
Delta R.T. -0.166 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Tgt Ion:276 Resp: 2541995

Ion	Ratio	Lower	Upper
276	100		
138	14.1	21.1	31.7#
227	0.0	0.1	0.1#



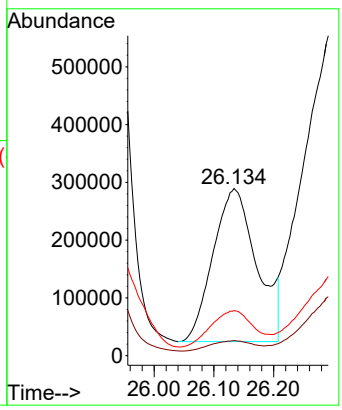


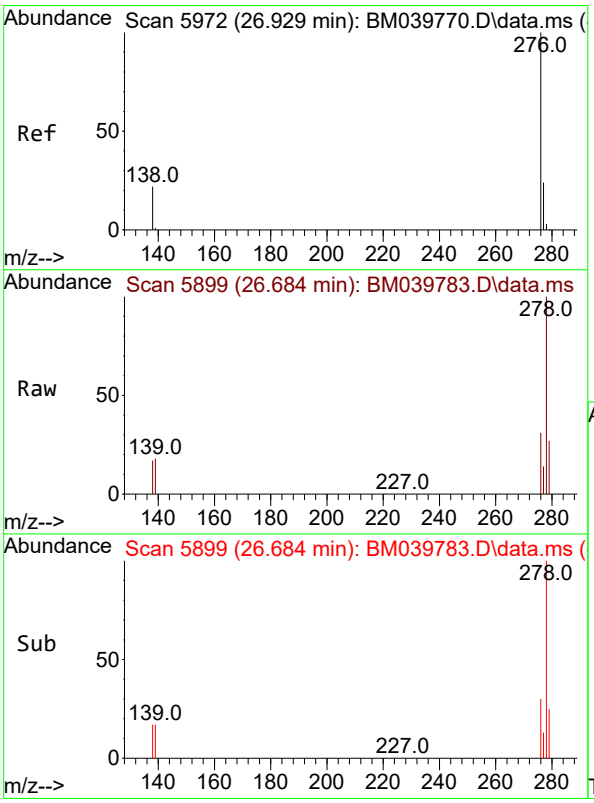
#28
Dibenzo(a,h)anthracene
Concen: 1.820 ng/ul
RT: 26.134 min Scan# 5
Delta R.T. -0.055 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Instrument :
BNA_M
ClientSampleId :
EW904

Tgt Ion:278 Resp: 1343404

Ion	Ratio	Lower	Upper
278	100		
139	9.0	17.0	25.6#
279	27.0	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 1.024 ng/ul
RT: 26.684 min Scan# 5899
Delta R.T. -0.236 min
Lab File: BM039783.D
Acq: 01 May 2023 18:37

Tgt Ion:276 Resp: 848468

Ion	Ratio	Lower	Upper
276	100		
138	54.3	20.1	30.1#
277	45.7	20.1	30.1#