Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039802.D
Acq On : 02 May 2023 15:05
Operator : CG/JU
Sample : 02418-30RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW904RE

Quant Time: May 03 04:15:52 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 : Tue May 02 18:41:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.787	152	3738	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.588	136	12438	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.445	164	7926	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.207	188	12674	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.373	240	12095	0.400	ng/ul	#-0.03
23) Perylene-d12	23.700	264	224689	0.400	ng/ul	#-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.184	96	12475	2.265	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.183	152	3328	0.209	ng/ul	-0.02
18) Fluoranthene-d10	19.163	212	47925	1.472	ng/ul	-0.08
Target Compounds						Qvalue
5) Naphthalene	10.638	128	575246	18.418	ng/ul	97
7) 2-Methylnaphthalene	12.254	142	219541	12.179	ng/ul	96
8) 1-Methylnaphthalene	12.474	142	197587	10.218	ng/ul	99
10) Acenaphthylene	14.167	152	1844822	60.135	ng/ul	99
11) Acenaphthene	14.509	153	850640	35.301	ng/ul	97
12) Fluorene	15.499	166	1501966	56.180	ng/ul	97
14) Pentachlorophenol	16.882	266	1290	0.467	ng/ul#	88
15) Phenanthrene	17.279	178	14833711	444.251	ng/ul	97
16) Anthracene	17.355	178	5403604	188.470	ng/ul	99
19) Fluoranthene	19.316	202	16814313	389.670	ng/ul	96
20) Pyrene	19.697	202	20689934	444.011	ng/ul	95
22) Chrysene	21.438	228	14506613	368.618	ng/ul#	94
26) Benzo(a)pyrene	23.653	252	13261877	18.719	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.034	276	2562610	2.861	ng/ul#	75
28) Dibenzo(a,h)anthracene	26.174	278	1717925	2.471	ng/ul#	87
29) Benzo(g,h,i)perylene	26.708	276	778690	0.998	ng/ul#	48

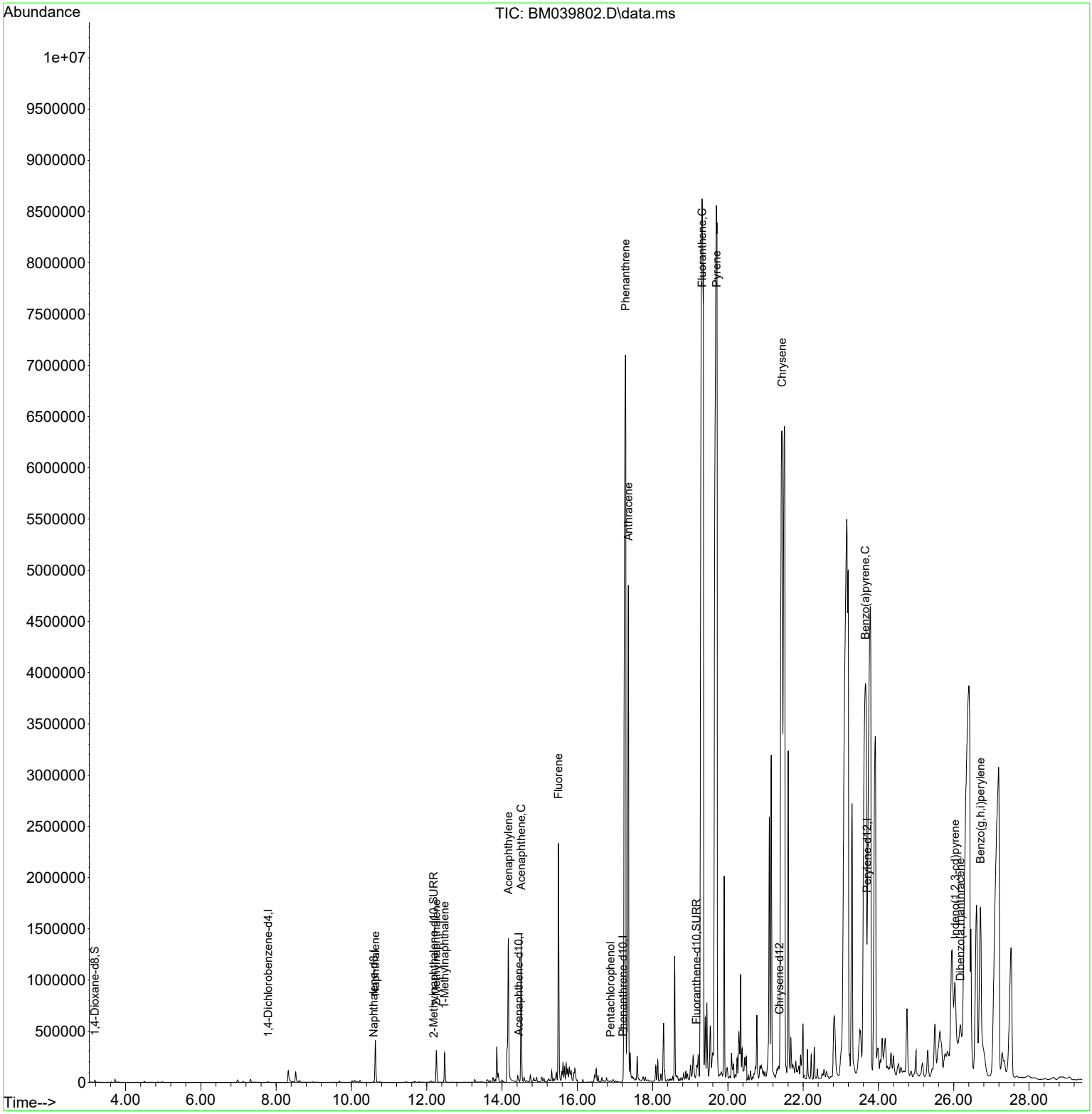
(#) = qualifier out of range (m) = manual integration (+) = signals summed

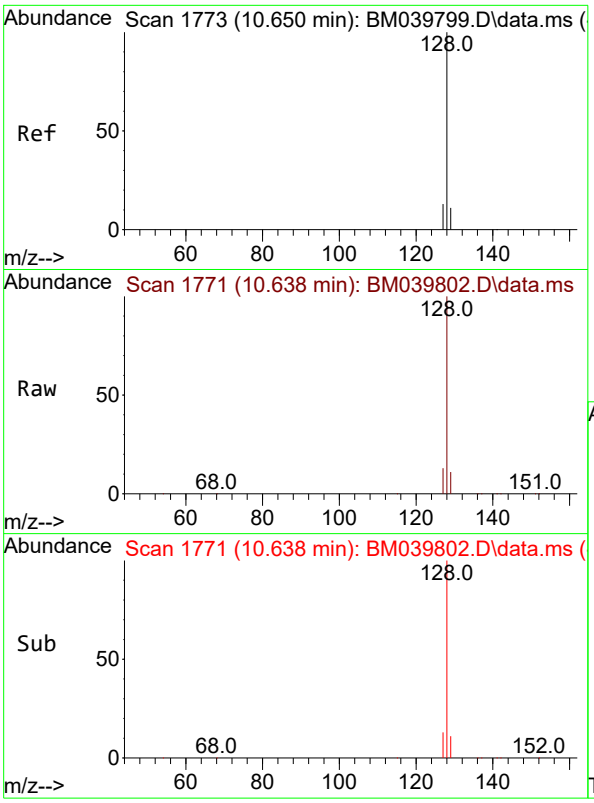
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050223\
Data File : BM039802.D
Acq On : 02 May 2023 15:05
Operator : CG/JU
Sample : 02418-30RE
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
EW904RE

Quant Time: May 03 04:15:52 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 : Tue May 02 18:41:11 2023
Response via : Initial Calibration



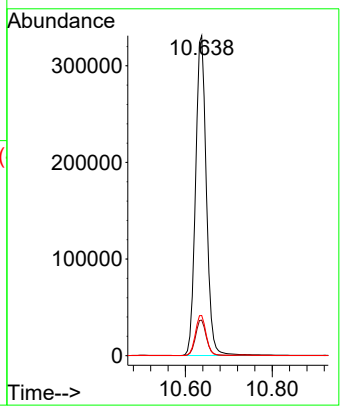


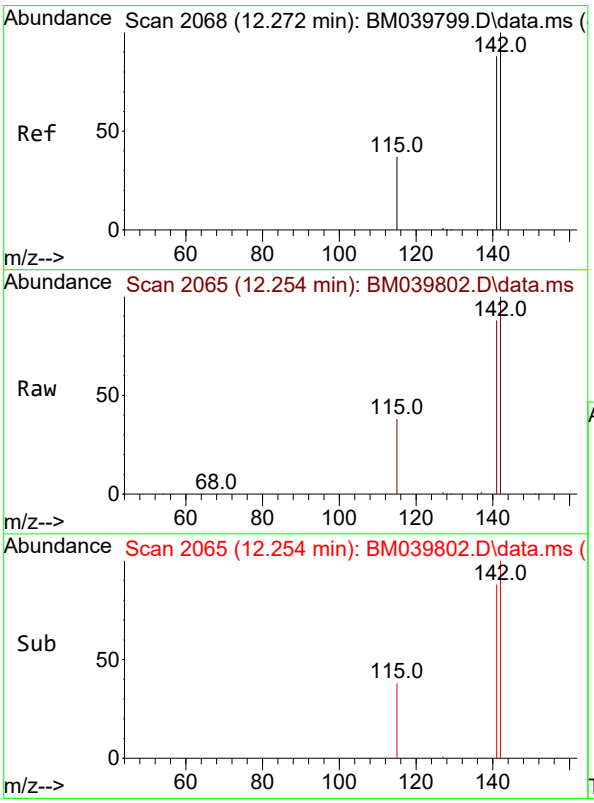
#5
Naphthalene
Concen: 18.418 ng/ul
RT: 10.638 min Scan# 1
Delta R.T. -0.012 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Instrument :
BNA_M
ClientSampleId :
EW904RE

Tgt Ion:128 Resp: 575246

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.8	14.6
127	12.6	11.1	16.7

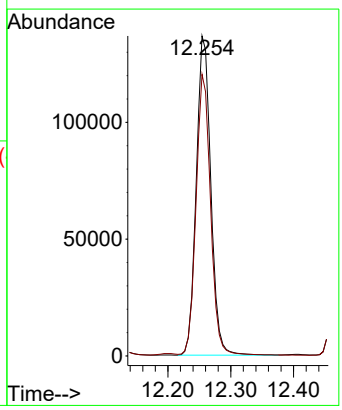


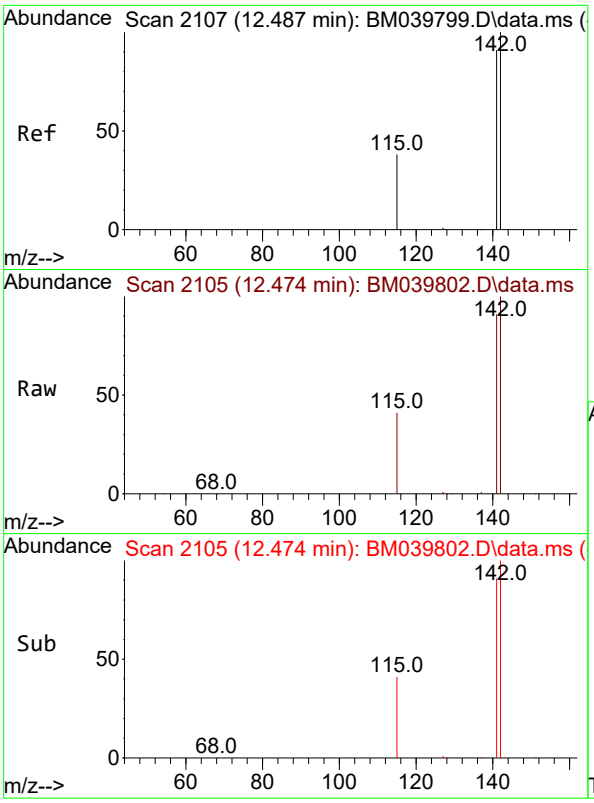


#7
2-Methylnaphthalene
Concen: 12.179 ng/ul
RT: 12.254 min Scan# 2065
Delta R.T. -0.018 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Tgt Ion:142 Resp: 219541

Ion	Ratio	Lower	Upper
142	100		
141	88.0	73.2	109.8



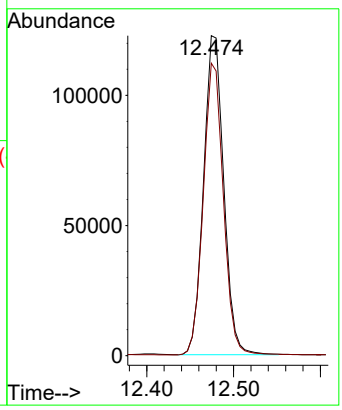


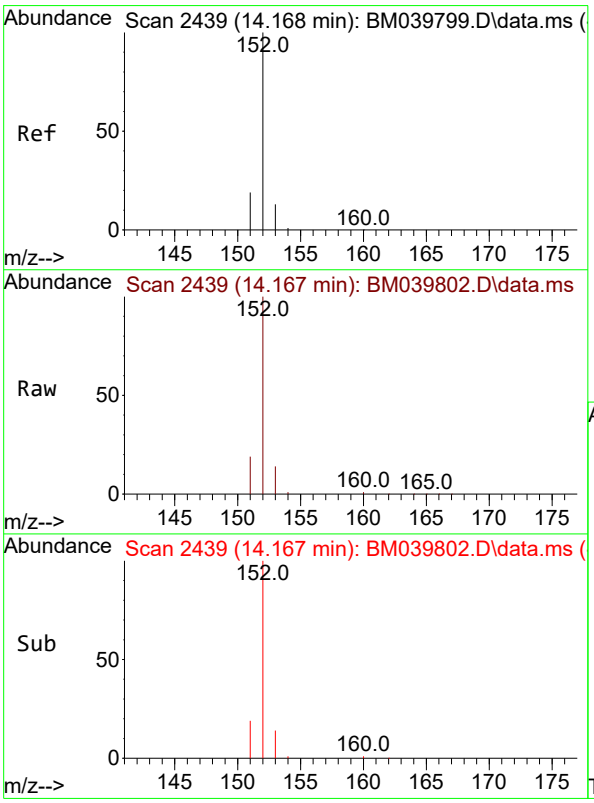
#8
1-Methylnaphthalene
Concen: 10.218 ng/ul
RT: 12.474 min Scan# 2
Delta R.T. -0.012 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Instrument :
BNA_M
ClientSampleId :
EW904RE

Tgt Ion:142 Resp: 197587

Ion	Ratio	Lower	Upper
142	100		
141	91.1	73.4	110.2

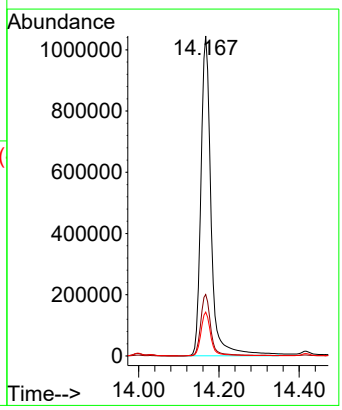


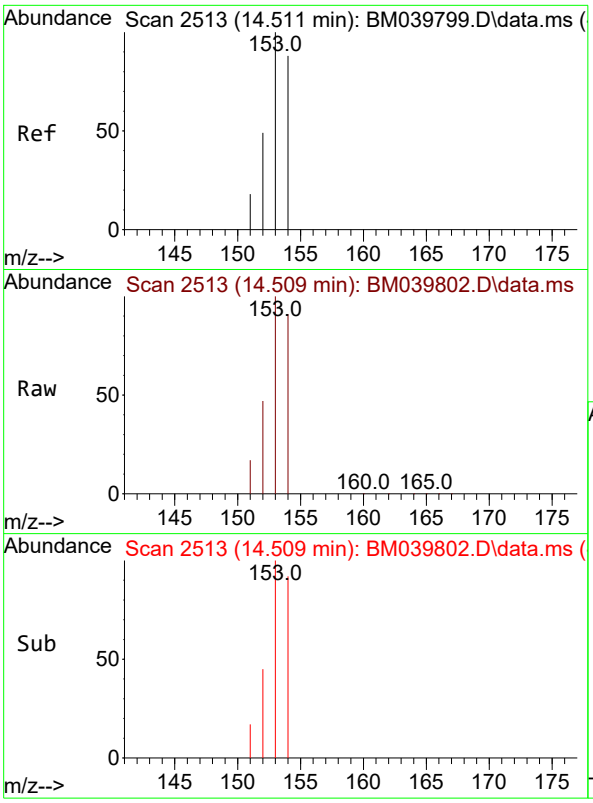


#10
Acenaphthylene
Concen: 60.135 ng/ul
RT: 14.167 min Scan# 2439
Delta R.T. -0.001 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Tgt Ion:152 Resp: 1844822

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.0	24.0
153	13.7	11.2	16.8



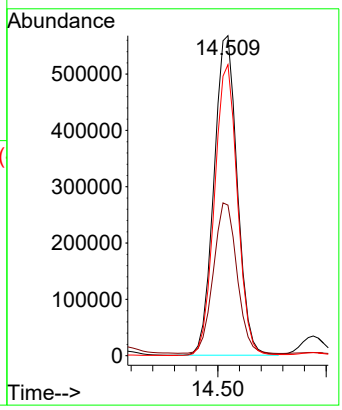


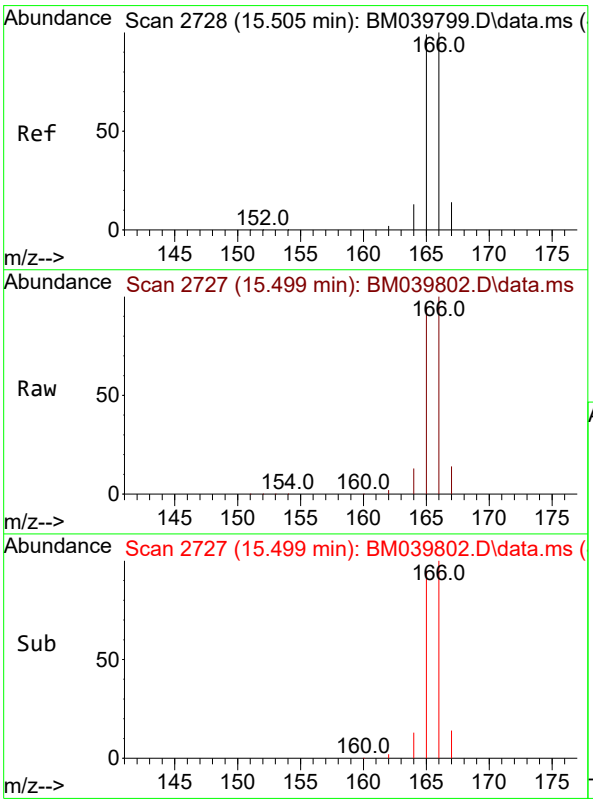
#11
Acenaphthene
Concen: 35.301 ng/ul
RT: 14.509 min Scan# 2
Delta R.T. -0.001 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Instrument :
BNA_M
ClientSampleId :
EW904RE

Tgt Ion:153 Resp: 850640

Ion	Ratio	Lower	Upper
153	100		
152	47.0	40.6	61.0
154	91.0	71.9	107.9

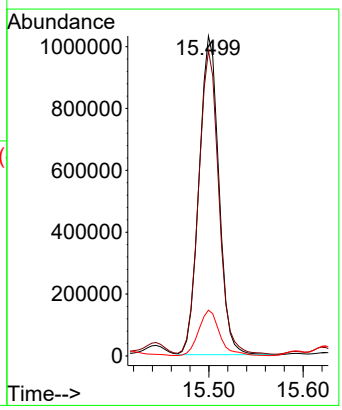


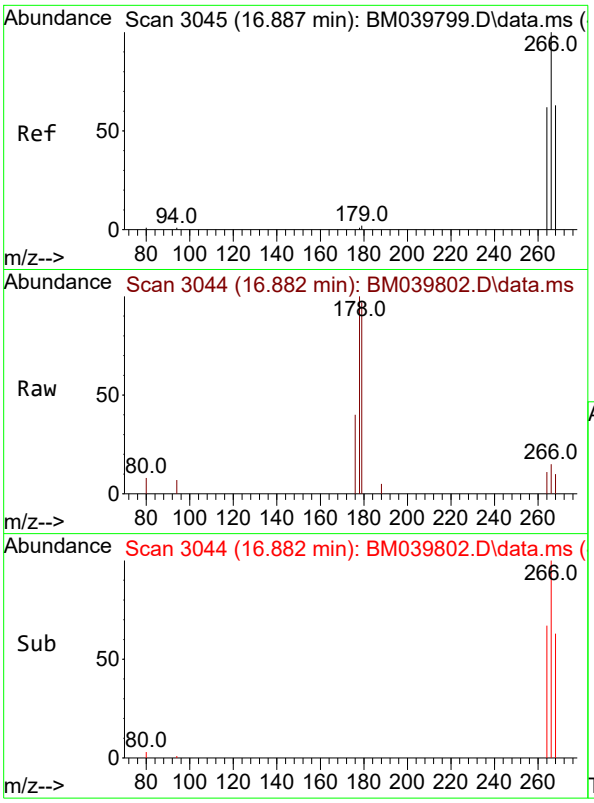


#12
Fluorene
Concen: 56.180 ng/ul
RT: 15.499 min Scan# 2727
Delta R.T. -0.006 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Tgt Ion:166 Resp: 1501966

Ion	Ratio	Lower	Upper
166	100		
165	95.4	79.0	118.6
167	14.3	11.8	17.6



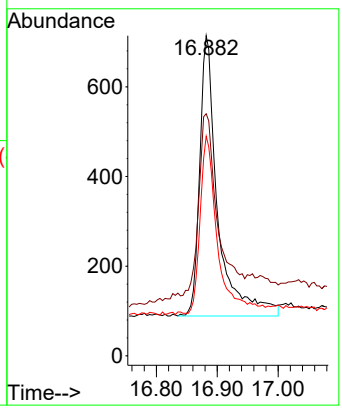


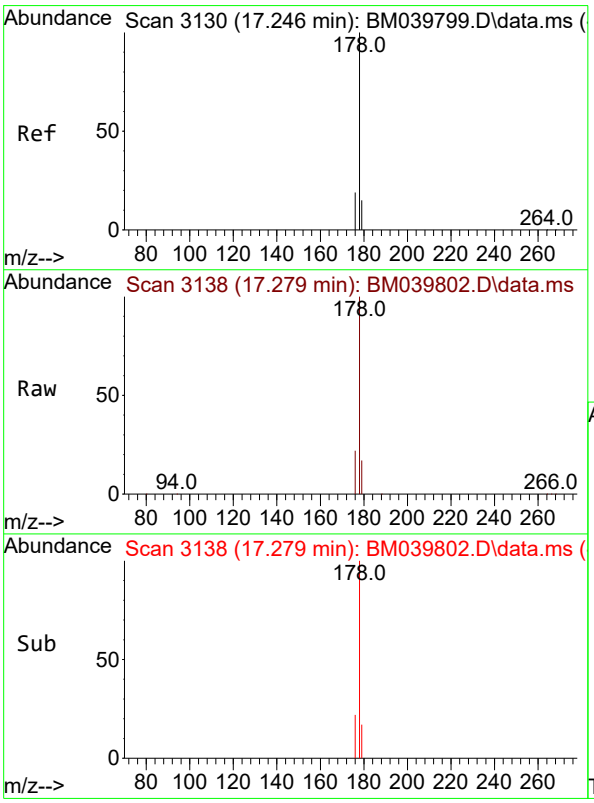
#14
Pentachlorophenol
Concen: 0.467 ng/ul
RT: 16.882 min Scan# 3
Delta R.T. -0.005 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Instrument :
BNA_M
ClientSampleId :
EW904RE

Tgt Ion:266 Resp: 1290

Ion	Ratio	Lower	Upper
266	100		
264	79.7	48.8	73.2#
268	62.4	50.4	75.6

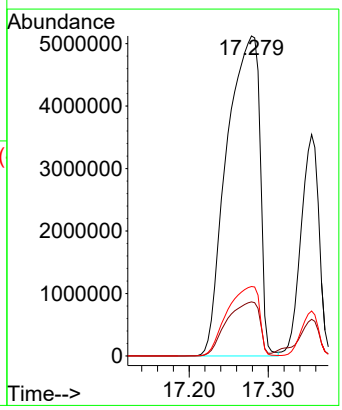


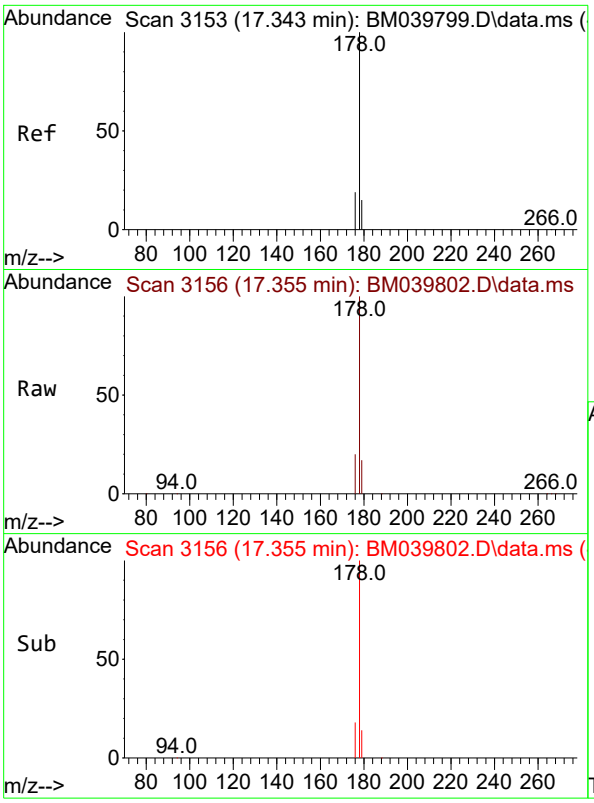


#15
Phenanthrene
Concen: 444.251 ng/ul
RT: 17.279 min Scan# 3138
Delta R.T. 0.033 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Tgt Ion:178 Resp:14833711

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.0	19.6
176	21.7	15.8	23.8



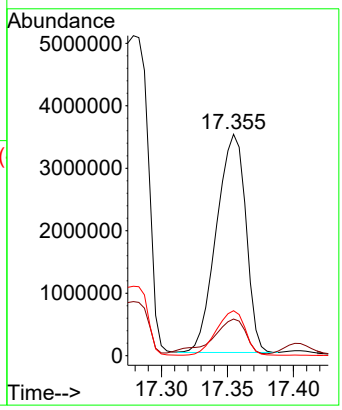


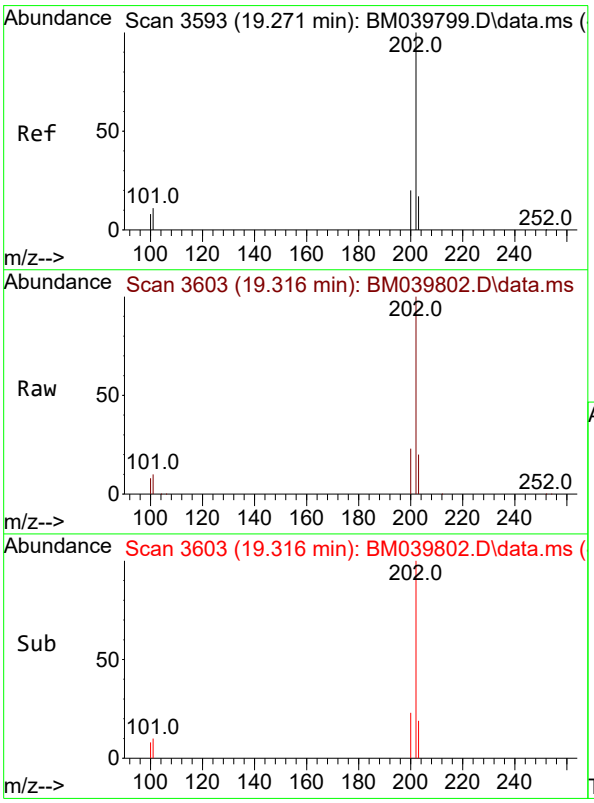
#16
Anthracene
Concen: 188.470 ng/ul
RT: 17.355 min Scan# 3
Delta R.T. 0.011 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Instrument :
BNA_M
ClientSampleId :
EW904RE

Tgt Ion:178 Resp: 5403604

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.8	20.6
176	20.3	15.8	23.8

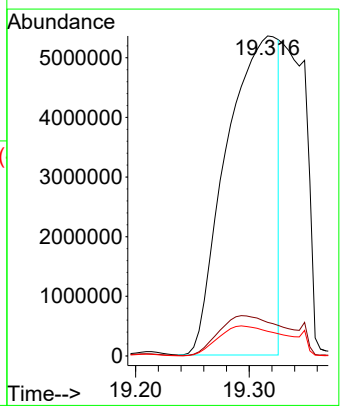


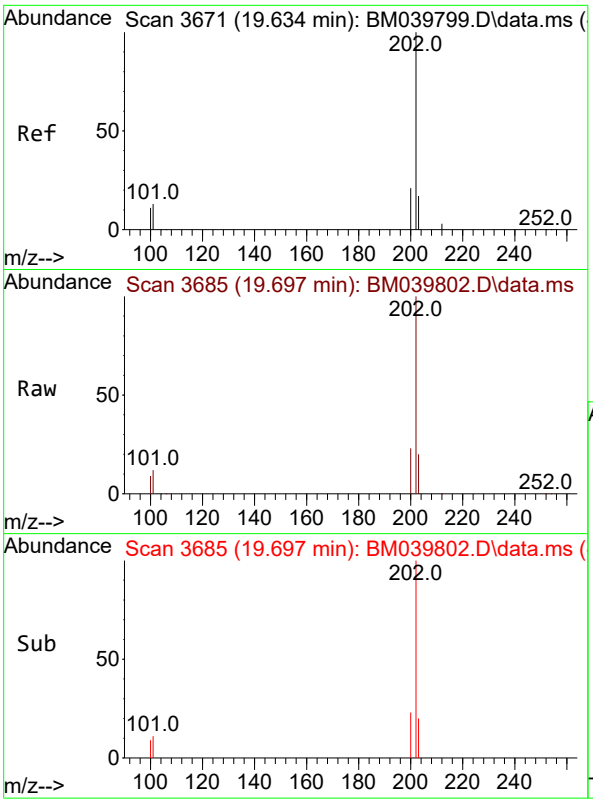


#19
Fluoranthene
Concen: 389.670 ng/ul
RT: 19.316 min Scan# 3603
Delta R.T. 0.045 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Tgt Ion:202 Resp:16814313

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.8	14.8
100	7.7	7.3	10.9



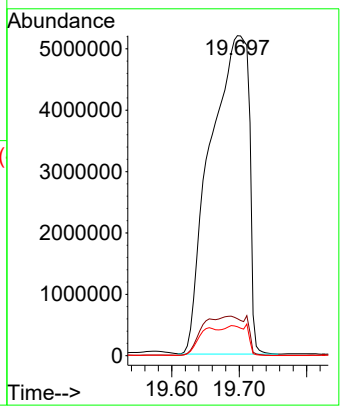


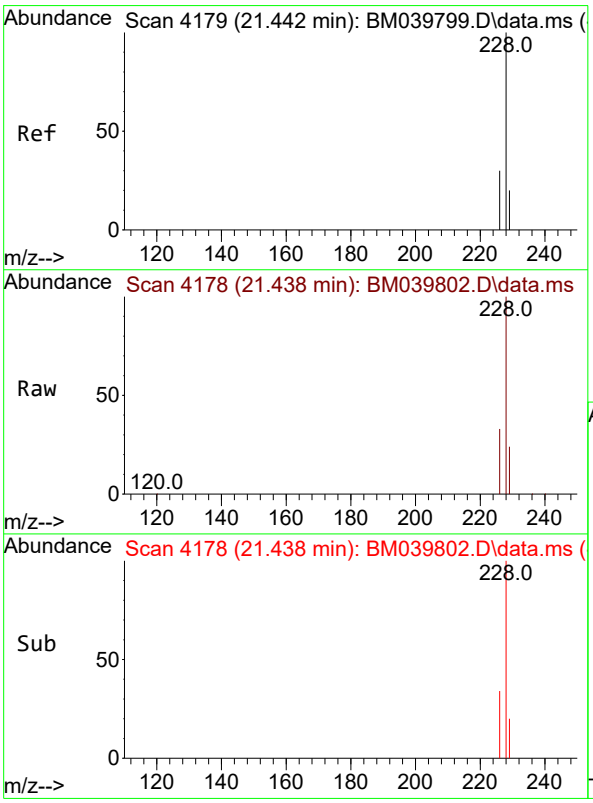
#20
Pyrene
Concen: 444.011 ng/ul
RT: 19.697 min Scan# 3
Delta R.T. 0.064 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Instrument :
BNA_M
ClientSampleId :
EW904RE

Tgt Ion:202 Resp:20689934

Ion	Ratio	Lower	Upper
202	100		
101	11.6	10.9	16.3
100	9.0	8.9	13.3

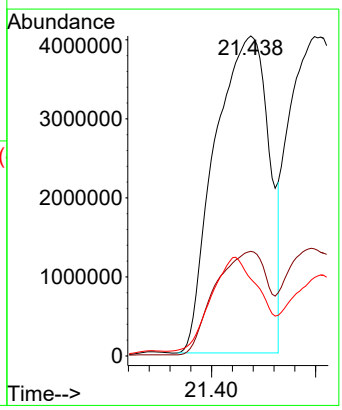


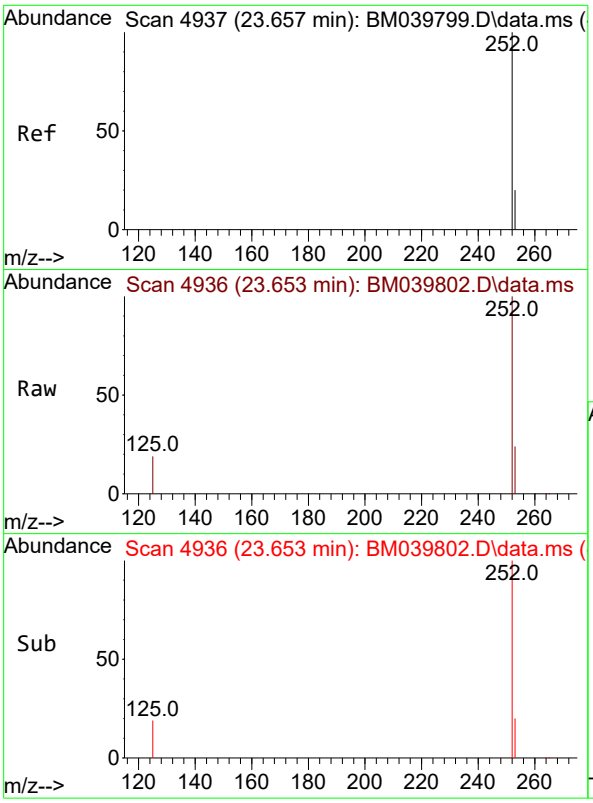


#22
Chrysene
Concen: 368.618 ng/ul
RT: 21.438 min Scan# 4178
Delta R.T. -0.004 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Tgt Ion:228 Resp:14506613

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.3	36.5
229	24.1	15.9	23.9#



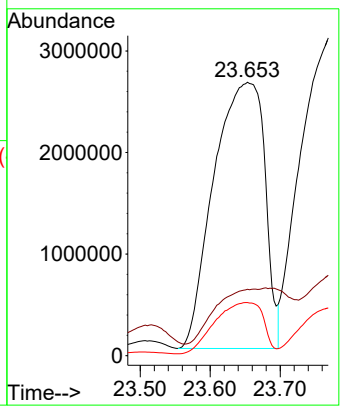


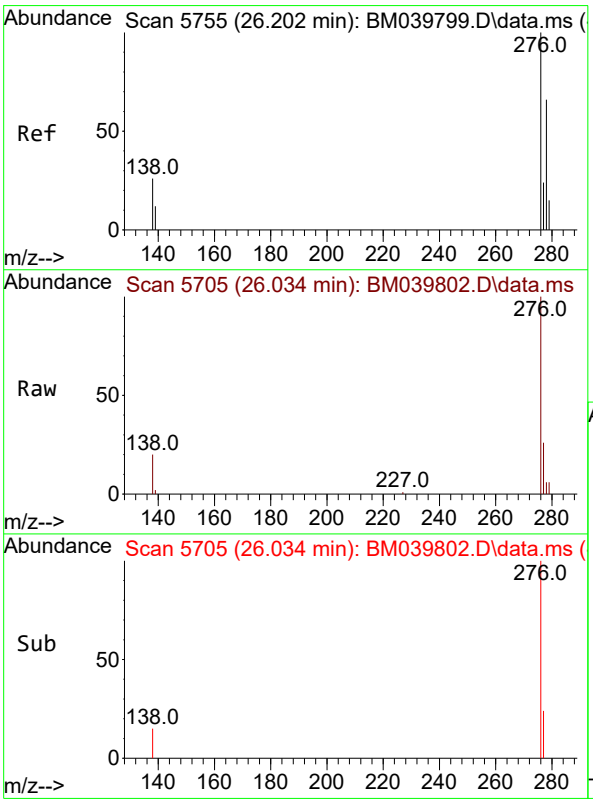
#26
Benzo(a)pyrene
Concen: 18.719 ng/ul
RT: 23.653 min Scan# 4
Delta R.T. -0.004 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Instrument :
BNA_M
ClientSampleId :
EW904RE

Tgt Ion:252 Resp:13261877

Ion	Ratio	Lower	Upper
252	100		
253	24.3	24.7	37.1#
125	19.4	16.5	24.7

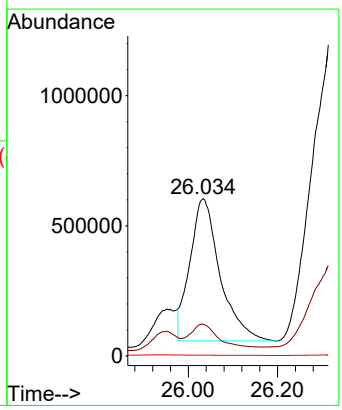


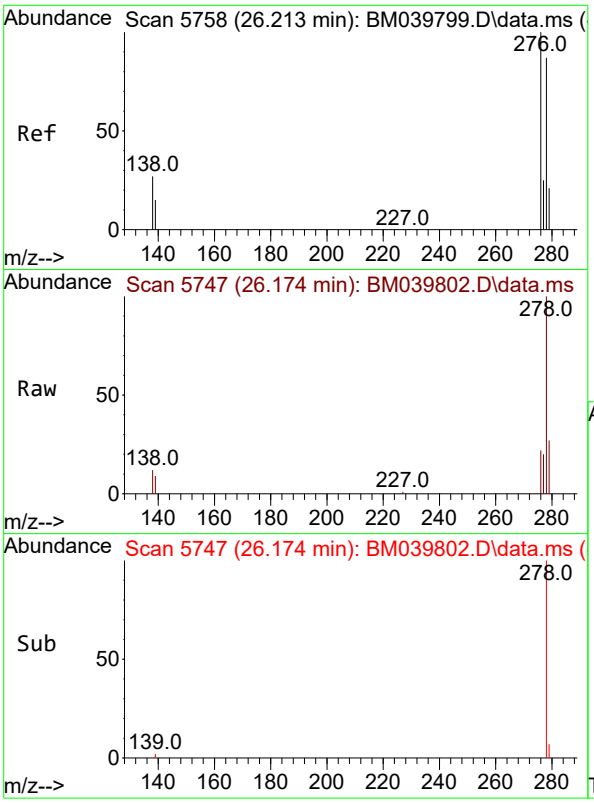


#27
Indeno(1,2,3-cd)pyrene
Concen: 2.861 ng/ul
RT: 26.034 min Scan# 5705
Delta R.T. -0.169 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Tgt Ion:276 Resp: 2562610

Ion	Ratio	Lower	Upper
276	100		
138	13.4	21.1	31.7#
227	0.0	0.1	0.1#



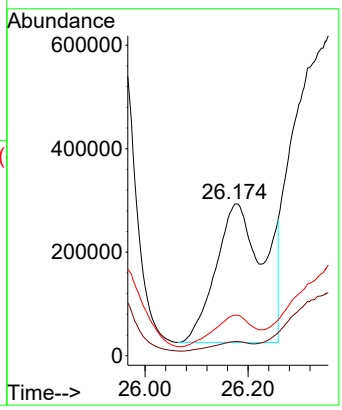


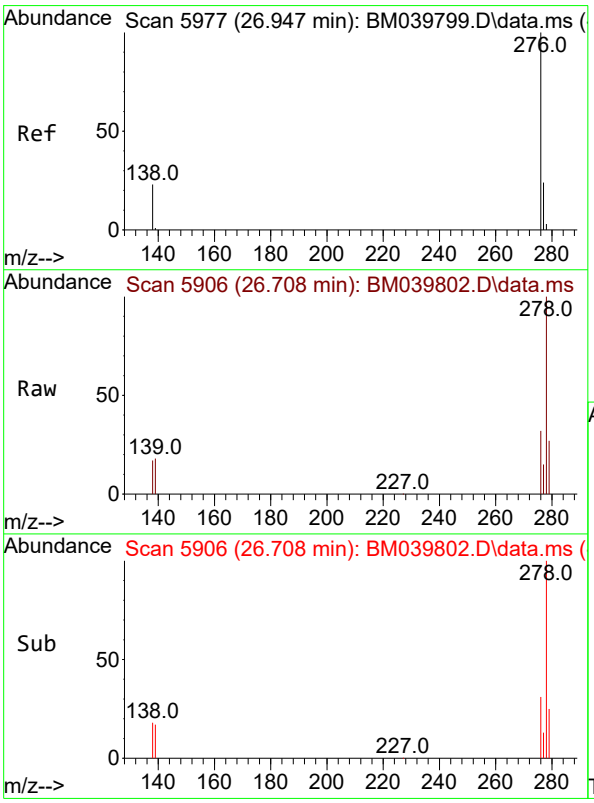
#28
Dibenzo(a,h)anthracene
Concen: 2.471 ng/ul
RT: 26.174 min Scan# 5
Delta R.T. -0.038 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Instrument :
BNA_M
ClientSampleId :
EW904RE

Tgt Ion:278 Resp: 1717925

Ion	Ratio	Lower	Upper
278	100		
139	9.2	17.0	25.6#
279	26.8	23.4	35.2





#29
Benzo(g,h,i)perylene
Concen: 0.998 ng/ul
RT: 26.708 min Scan# 5906
Delta R.T. -0.239 min
Lab File: BM039802.D
Acq: 02 May 2023 15:05

Tgt Ion:276 Resp: 778690

Ion	Ratio	Lower	Upper
276	100		
138	55.3	20.1	30.1#
277	47.3	20.1	30.1#