Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034763.D
Acq On : 31 Oct 2024 13:11
Operator : RC/JU
Sample : P4476-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
XA101

Quant Time: Oct 31 14:00:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.600	152	7712	0.400	ng/ul	0.00
4) Naphthalene-d8	10.366	136	24581	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.236	164	13308	0.400	ng/ul	0.00
13) Phenanthrene-d10	16.983	188	27425	0.400	ng/ul	0.00
17) Chrysene-d12	21.177	240	19397	0.400	ng/ul	# 0.00
23) Perylene-d12	23.363	264	17413	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.170	96	3287	0.412	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.967	152	9535	0.309	ng/ul	0.00
18) Fluoranthene-d10	19.014	212	24992	0.396	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.416	128	516203	7.929	ng/ul	99
10) Acenaphthylene	13.953	152	187057	3.088	ng/ul	99
11) Acenaphthene	14.300	153	368762	7.958	ng/ul	98
12) Fluorene	15.290	166	193671	3.752	ng/ul	98
15) Phenanthrene	17.021	178	254760	3.073	ng/ul	99
16) Anthracene	17.114	178	1156095	15.062	ng/ul	100
19) Fluoranthene	19.046	202	409986	4.357	ng/ul	99
20) Pyrene	19.404	202	200418	2.046	ng/ul	96
21) Benzo(a)anthracene	21.163	228	354824	4.572	ng/ul	100
22) Chrysene	21.212	228	132235	1.701	ng/ul	99
24) Benzo(b)fluoranthene	22.714	252	276524	3.902	ng/ul	95
25) Benzo(k)fluoranthene	22.755	252	322523	4.512	ng/ul	94
26) Benzo(a)pyrene	23.267	252	92415	1.515	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	25.544	276	439192	6.759	ng/ul#	99
28) Dibenzo(a,h)anthracene	25.557	278	313337	6.379	ng/ul	95
29) Benzo(g,h,i)perylene	26.201	276	262222	5.136	ng/ul	97

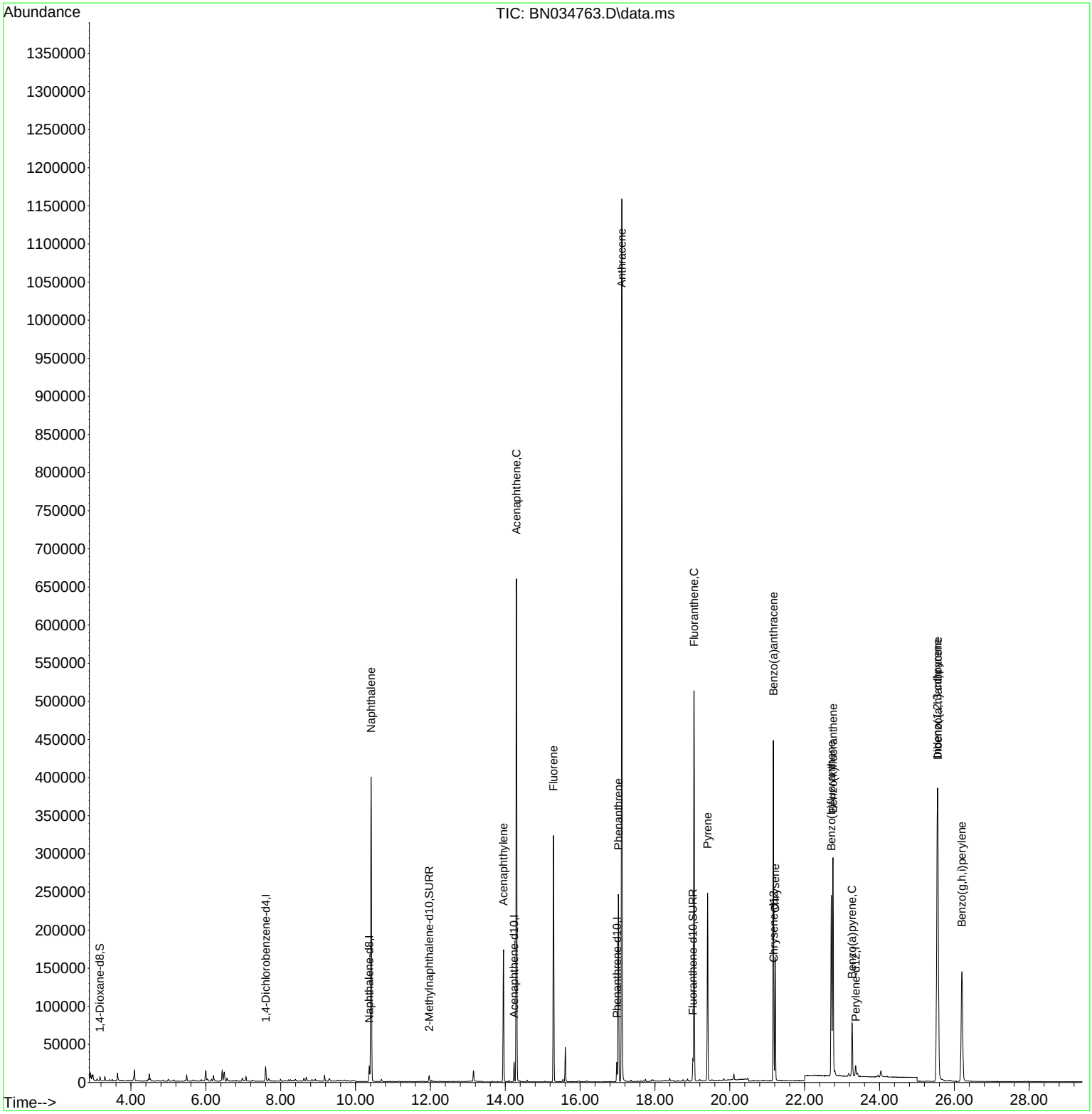
(#) = qualifier out of range (m) = manual integration (+) = signals summed

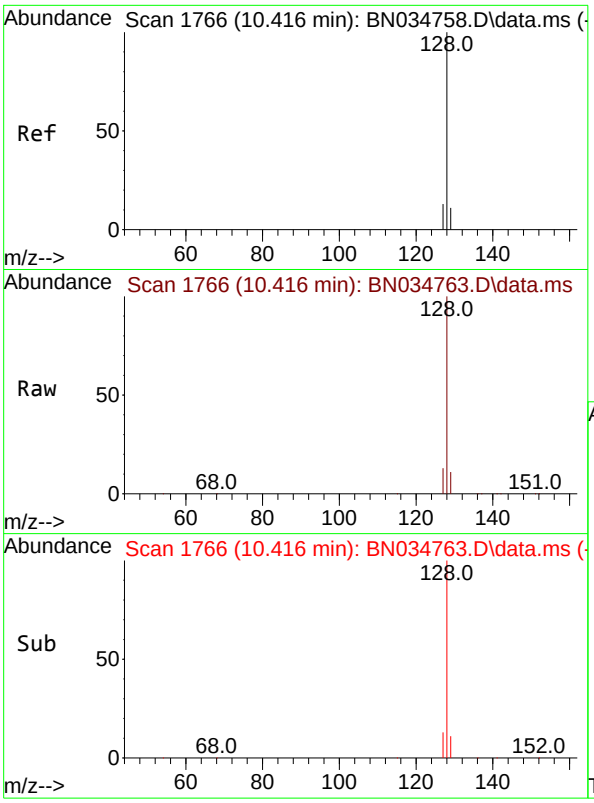
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103124\
Data File : BN034763.D
Acq On : 31 Oct 2024 13:11
Operator : RC/JU
Sample : P4476-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
XA101

Quant Time: Oct 31 14:00:00 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN103124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 31 11:13:08 2024
Response via : Initial Calibration



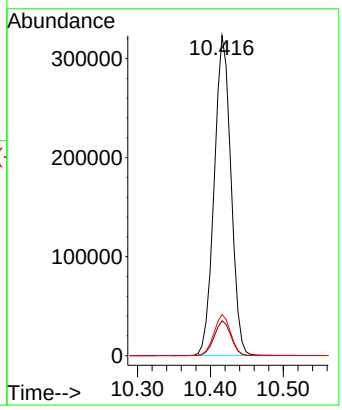


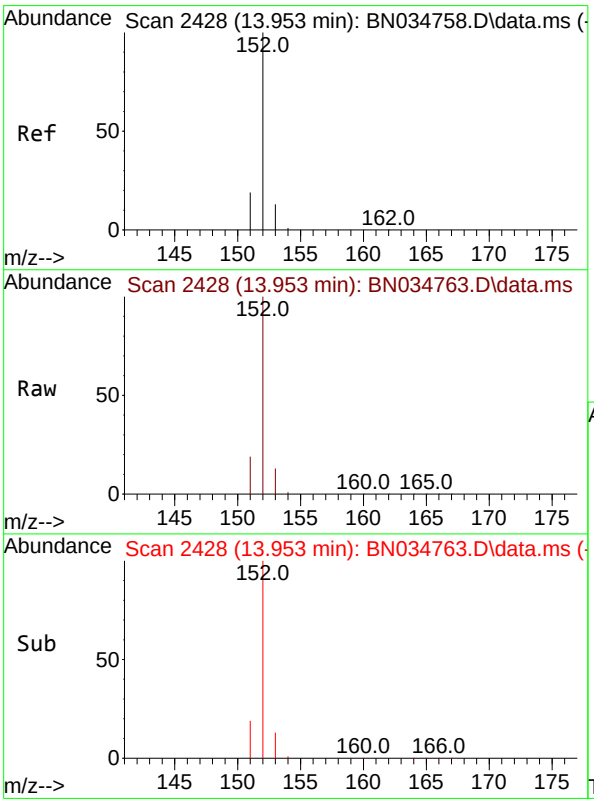
#5
Naphthalene
Concen: 7.929 ng/ul
RT: 10.416 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Instrument :
BNA_N
ClientSampleId :
XA101

Tgt Ion:128 Resp: 516203

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	12.9	10.5	15.7

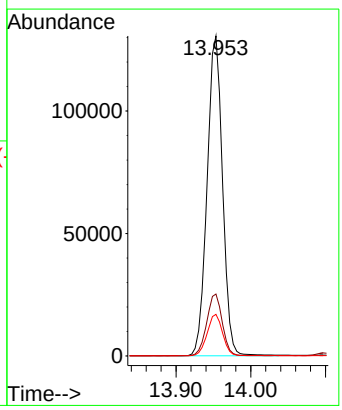


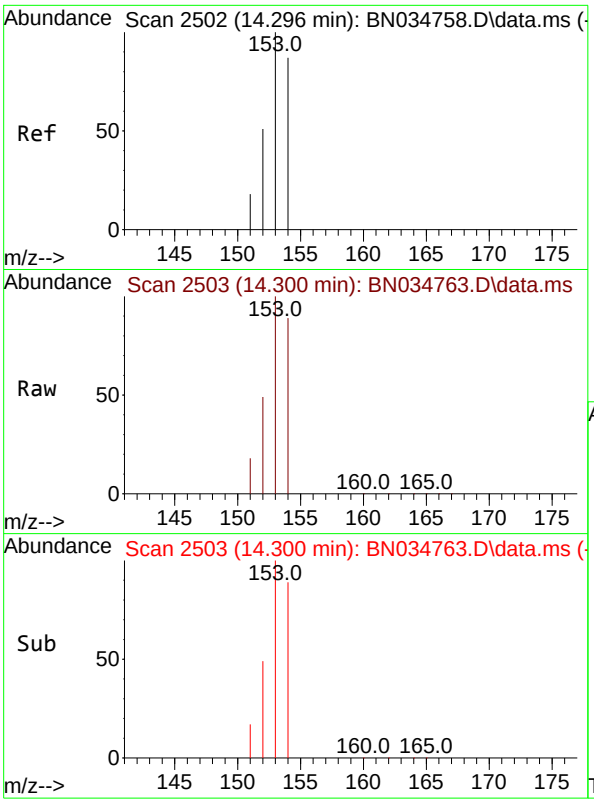


#10
Acenaphthylene
Concen: 3.088 ng/ul
RT: 13.953 min Scan# 2428
Delta R.T. -0.000 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Tgt Ion:152 Resp: 187057

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.0	24.0
153	13.0	10.7	16.1



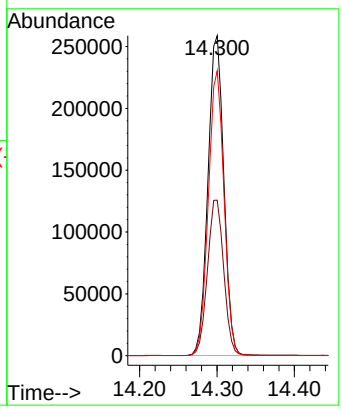


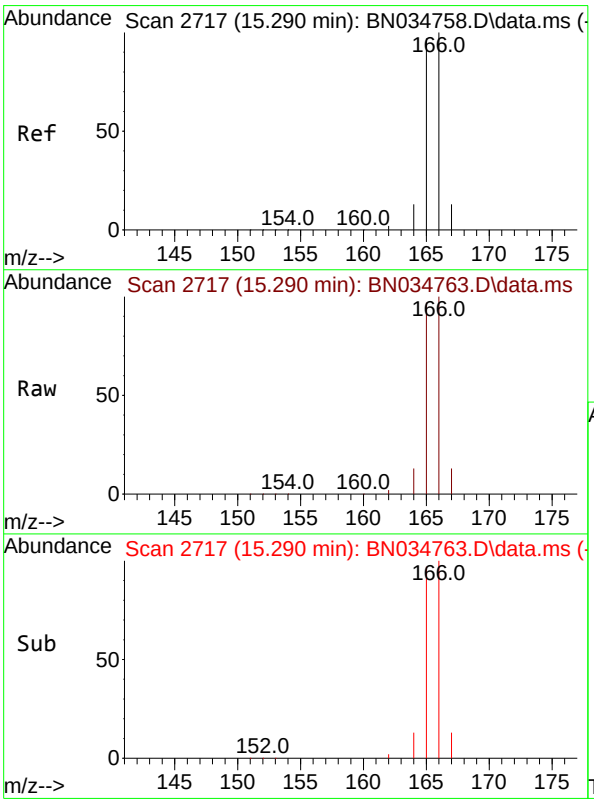
#11
Acenaphthene
Concen: 7.958 ng/ul
RT: 14.300 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Instrument :
BNA_N
ClientSampleId :
XA101

Tgt Ion:153 Resp: 368762

Ion	Ratio	Lower	Upper
153	100		
152	48.6	40.3	60.5
154	89.0	69.9	104.9

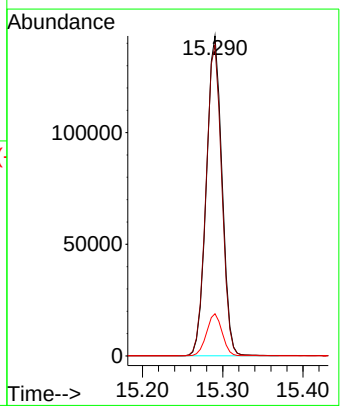


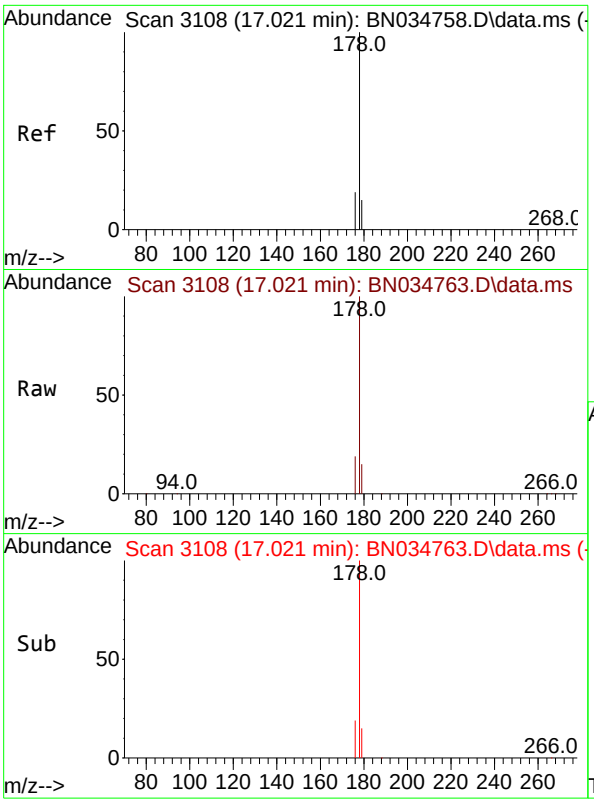


#12
Fluorene
Concen: 3.752 ng/ul
RT: 15.290 min Scan# 2717
Delta R.T. -0.000 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Tgt Ion:166 Resp: 193671

Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.1	118.7
167	13.2	11.0	16.4



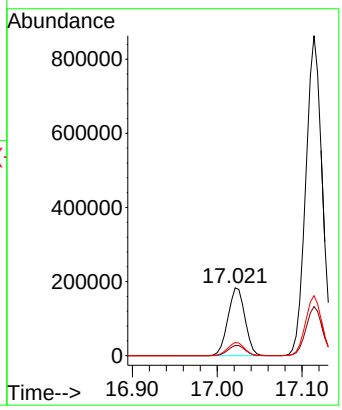


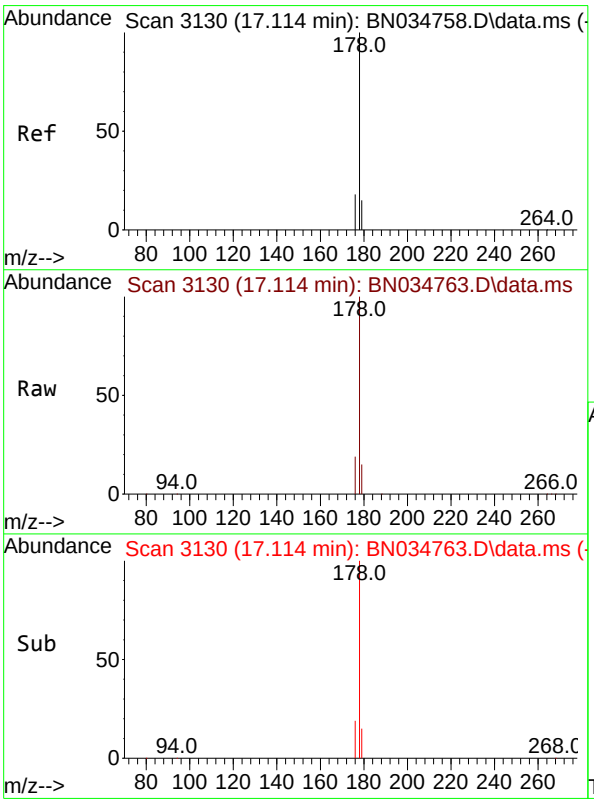
#15
Phenanthrene
Concen: 3.073 ng/ul
RT: 17.021 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Instrument :
BNA_N
ClientSampleId :
XA101

Tgt Ion:178 Resp: 254760

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.4	18.6
176	19.4	15.4	23.0

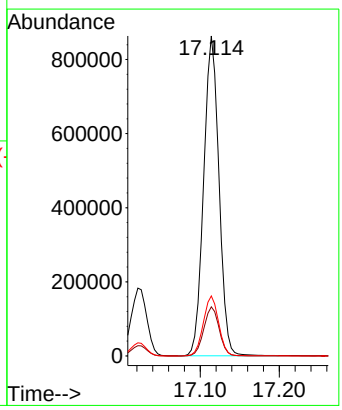


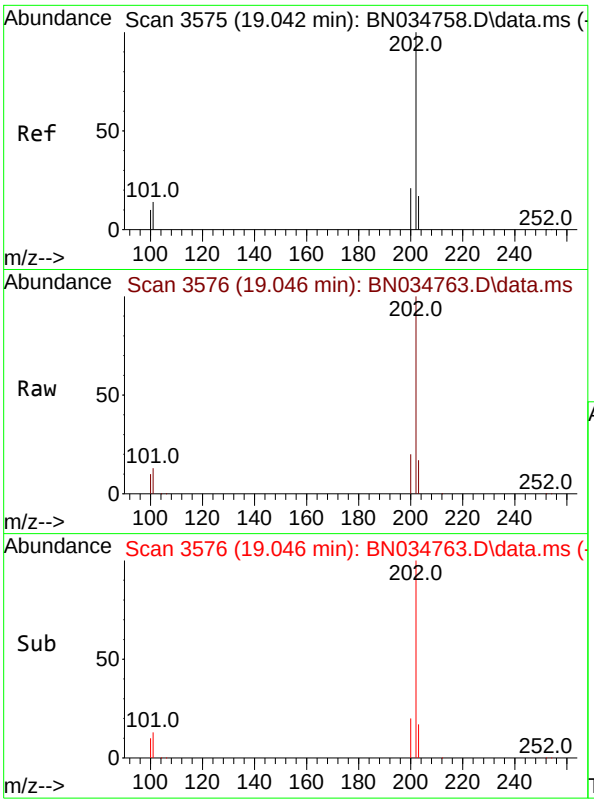


#16
Anthracene
Concen: 15.062 ng/ul
RT: 17.114 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Tgt Ion:178 Resp: 1156095

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.3	18.5
176	18.8	15.1	22.7



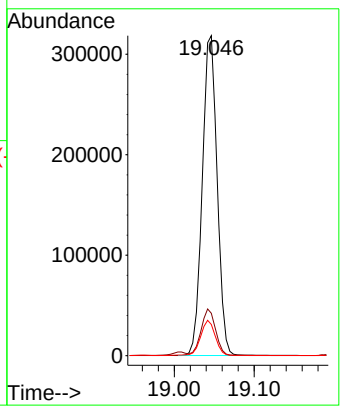


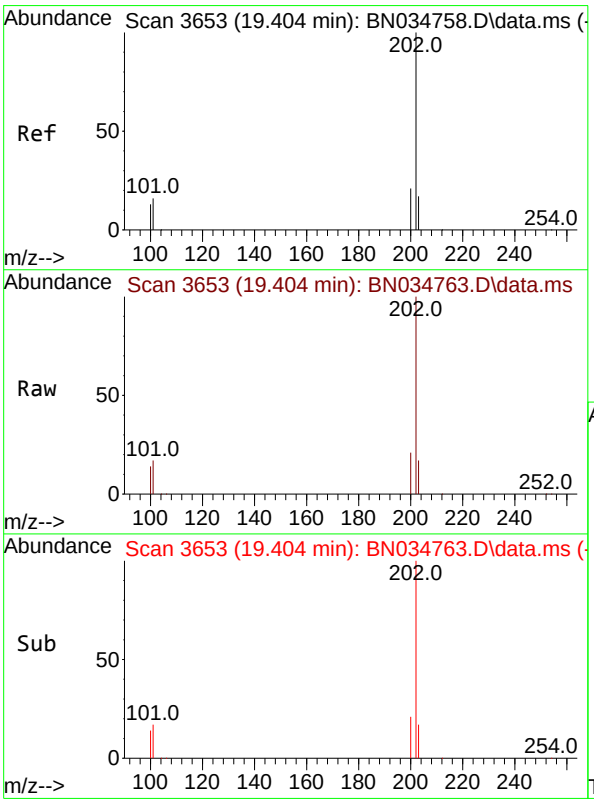
#19
Fluoranthene
Concen: 4.357 ng/ul
RT: 19.046 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Instrument :
BNA_N
ClientSampleId :
XA101

Tgt Ion:202 Resp: 409986

Ion	Ratio	Lower	Upper
202	100		
101	13.3	10.8	16.2
100	9.8	8.2	12.2

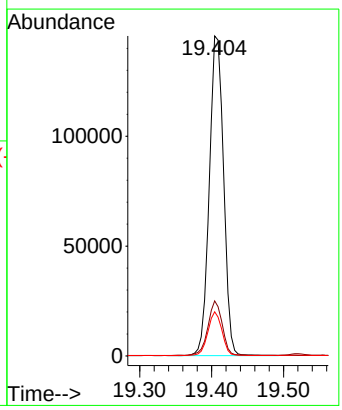


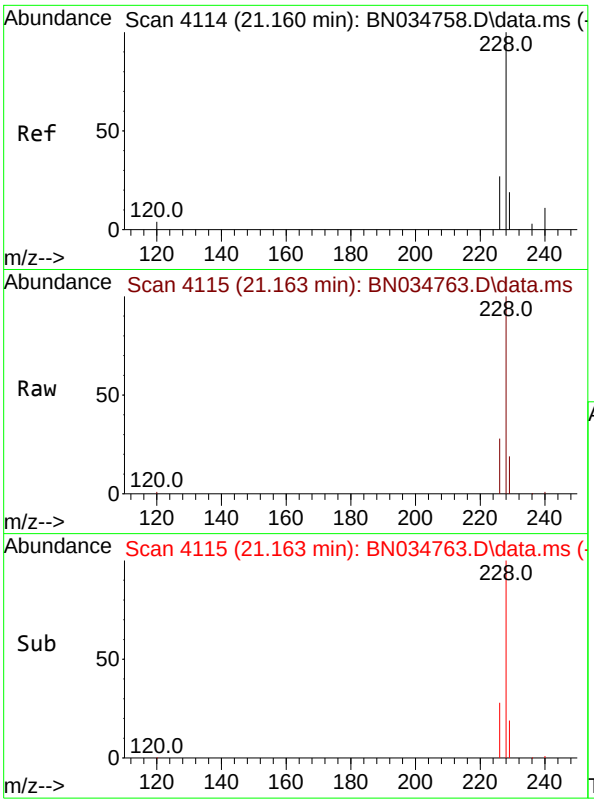


#20
Pyrene
Concen: 2.046 ng/ul
RT: 19.404 min Scan# 3653
Delta R.T. -0.005 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Tgt Ion:202 Resp: 200418

Ion	Ratio	Lower	Upper
202	100		
101	17.2	12.4	18.6
100	13.8	10.0	15.0



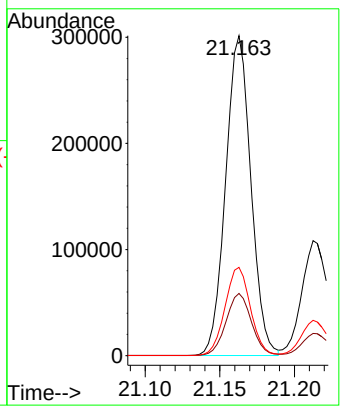


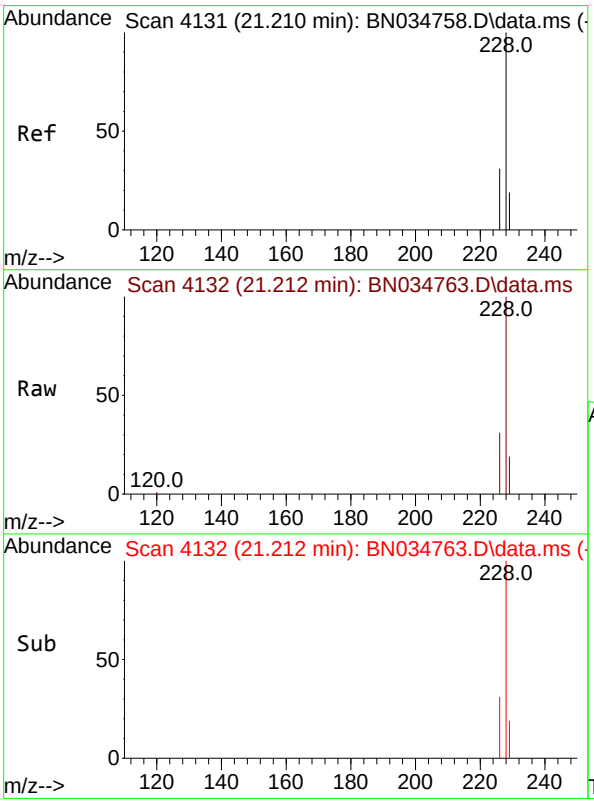
#21
Benzo(a)anthracene
Concen: 4.572 ng/ul
RT: 21.163 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Instrument :
BNA_N
ClientSampleId :
XA101

Tgt Ion:228 Resp: 354824

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.5	23.3
226	27.6	22.1	33.1

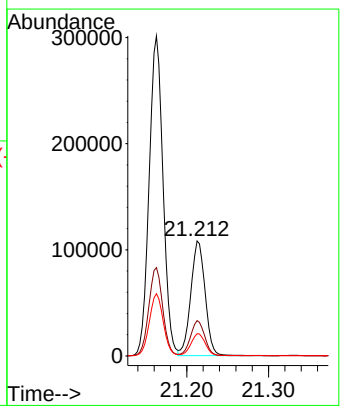


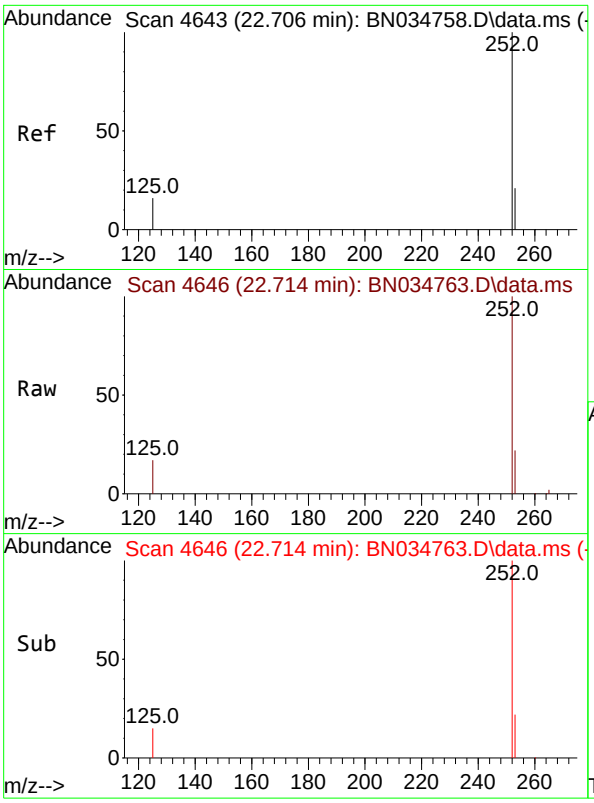


#22
Chrysene
Concen: 1.701 ng/ul
RT: 21.212 min Scan# 4132
Delta R.T. -0.000 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Tgt Ion:228 Resp: 132235

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.3	36.5
229	19.4	15.6	23.4



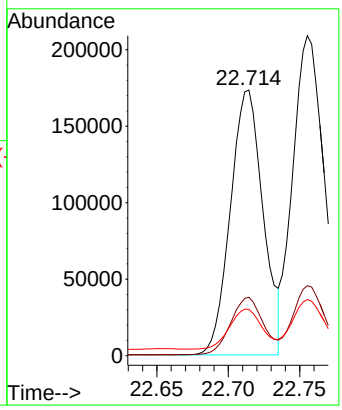


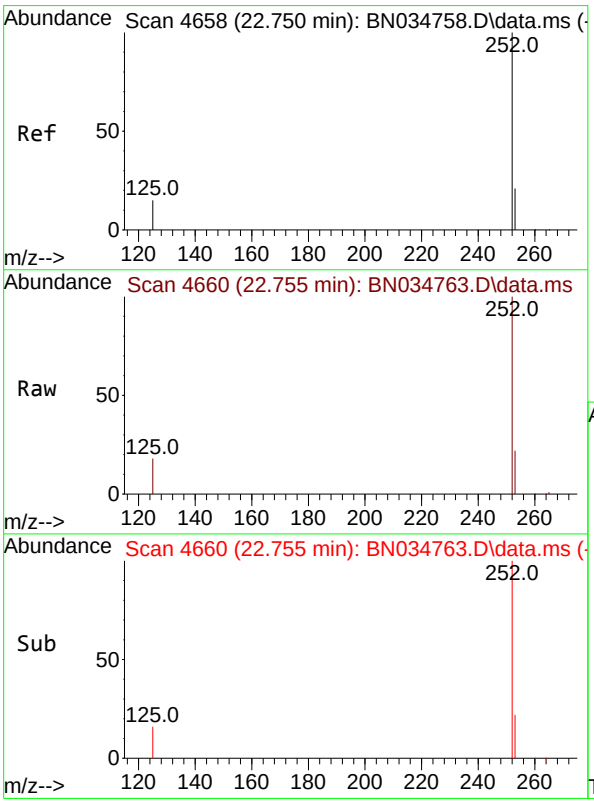
#24
Benzo(b)fluoranthene
Concen: 3.902 ng/ul
RT: 22.714 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Instrument :
BNA_N
ClientSampleId :
XA101

Tgt Ion:252 Resp: 276524

Ion	Ratio	Lower	Upper
252	100		
253	22.0	0.0	47.6
125	17.4	0.0	41.4

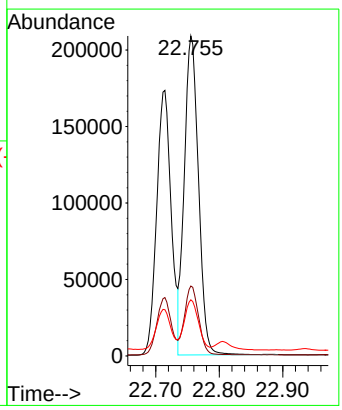


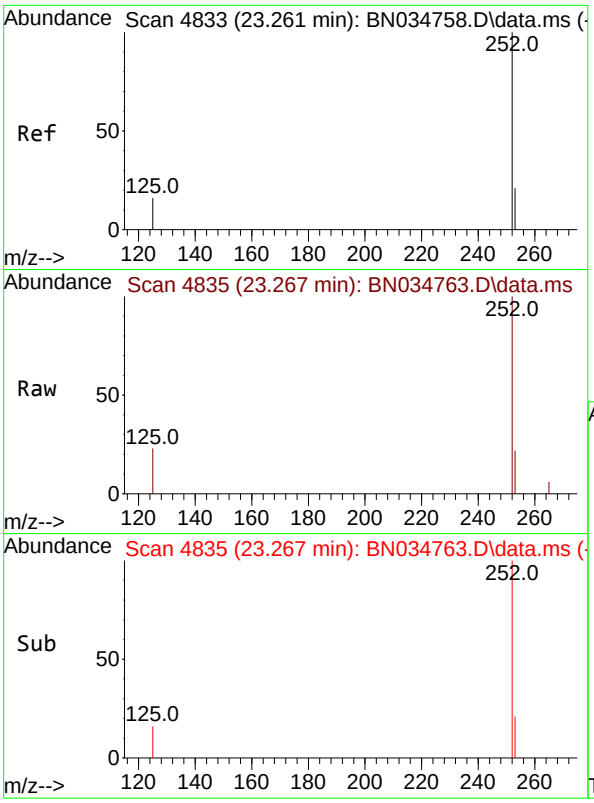


#25
Benzo(k)fluoranthene
Concen: 4.512 ng/ul
RT: 22.755 min Scan# 4660
Delta R.T. 0.006 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Tgt Ion:252 Resp: 322523

Ion	Ratio	Lower	Upper
252	100		
253	21.9	19.1	28.7
125	17.5	17.0	25.4



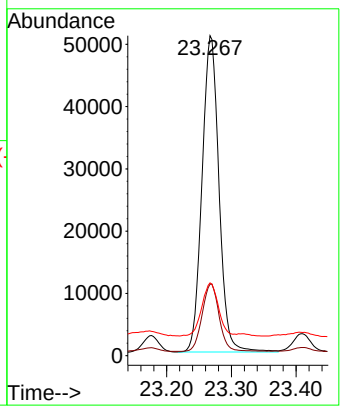


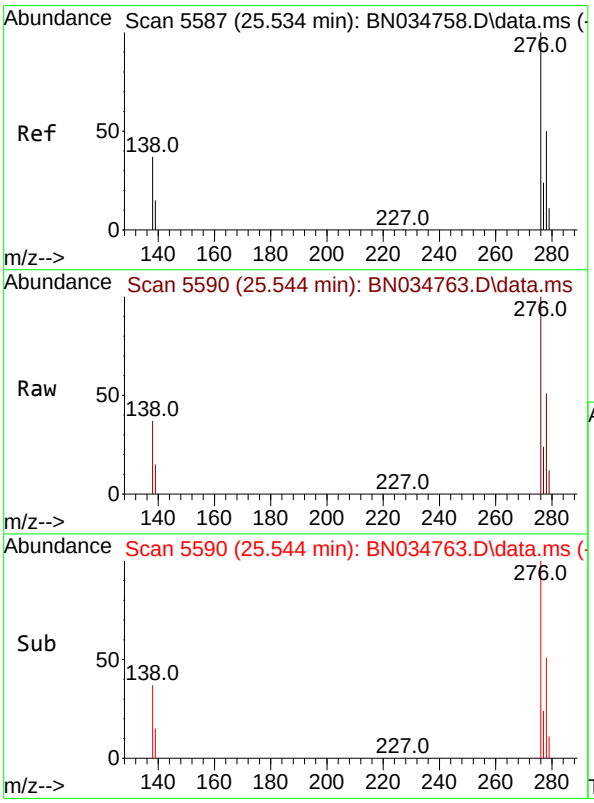
#26
Benzo(a)pyrene
Concen: 1.515 ng/ul
RT: 23.267 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Instrument :
BNA_N
ClientSampleId :
XA101

Tgt Ion:252 Resp: 92415

Ion	Ratio	Lower	Upper
252	100		
253	22.3	20.0	30.0
125	22.7	19.8	29.6

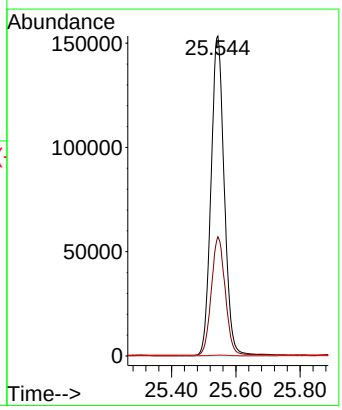


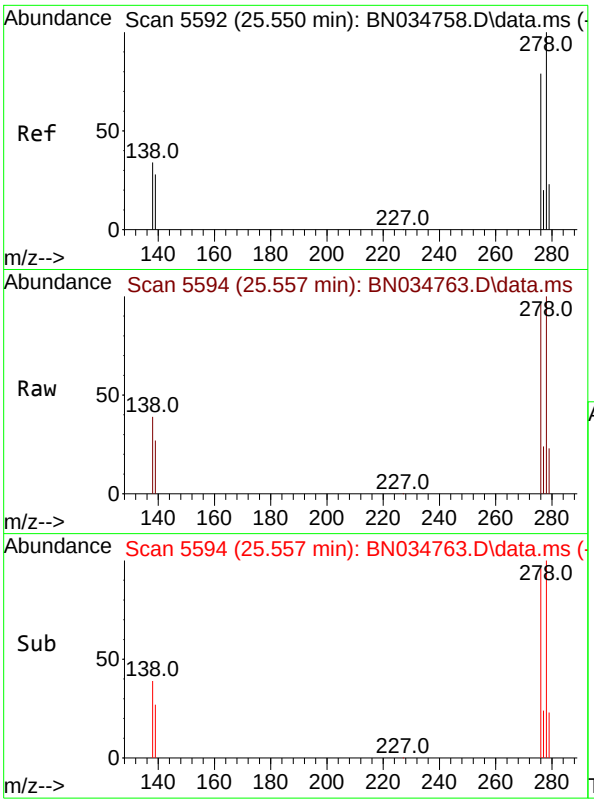


#27
Indeno(1,2,3-cd)pyrene
Concen: 6.759 ng/ul
RT: 25.544 min Scan# 5590
Delta R.T. 0.007 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Tgt Ion:276 Resp: 439192

Ion	Ratio	Lower	Upper
276	100		
138	38.9	31.8	47.6
227	0.2	0.2	0.4#



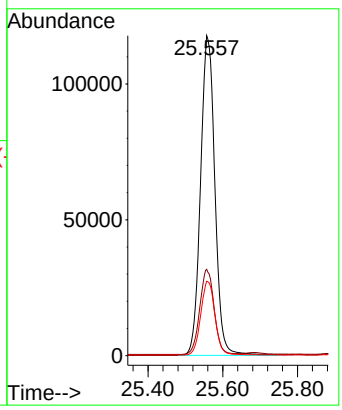


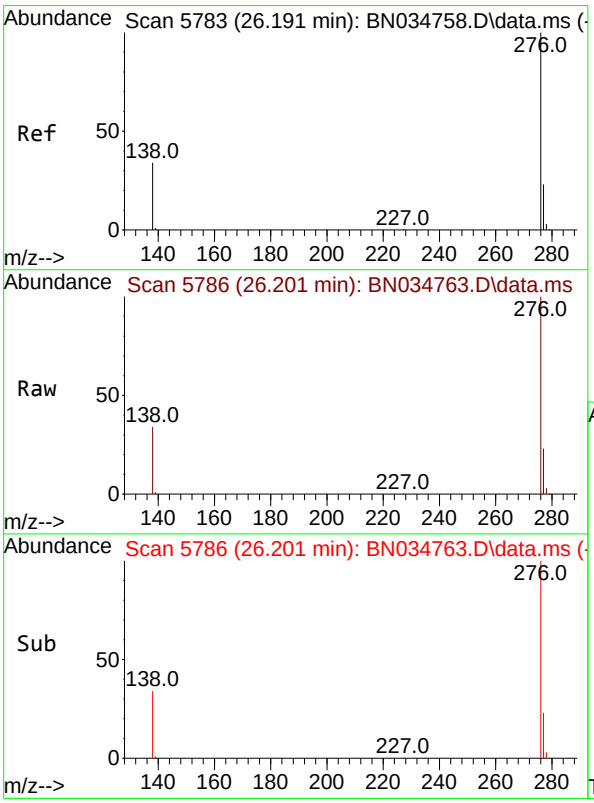
#28
Dibenzo(a,h)anthracene
Concen: 6.379 ng/ul
RT: 25.557 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Instrument :
BNA_N
ClientSampleId :
XA101

Tgt Ion:278 Resp: 313337

Ion	Ratio	Lower	Upper
278	100		
139	27.0	23.4	35.2
279	23.2	20.6	31.0





#29
Benzo(g,h,i)perylene
Concen: 5.136 ng/ul
RT: 26.201 min Scan# 5786
Delta R.T. 0.007 min
Lab File: BN034763.D
Acq: 31 Oct 2024 13:11

Tgt Ion:276 Resp: 262222

Ion	Ratio	Lower	Upper
276	100		
138	34.0	28.8	43.2
277	23.5	20.2	30.2