Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.595	152	6922	0.400	ng/ul	0.00
4) Naphthalene-d8	10.371	136	19905	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.244	164	11076	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.096	188	919664	0.400	ng/ul	# 0.09
17) Chrysene-d12	21.378	240	1291	0.400	ng/ul	# 0.17
23) Perylene-d12	23.678	264	8142	0.400	ng/ul	# 0.25
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.143	96	27105	3.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	11.971	152	6144	0.206	ng/ul	0.00
18) Fluoranthene-d10	19.194	212	111	0.029	ng/ul	0.15
Target Compounds						Qvalue
5) Naphthalene	10.420	128	23892	0.454	ng/ul	99
7) 2-Methylnaphthalene	12.042	142	7694	0.220	ng/ul	98
8) 1-Methylnaphthalene	12.268	142	5936	0.164	ng/ul	98
10) Acenaphthylene	13.966	152	49495	1.074	ng/ul	99
11) Acenaphthene	14.304	153	20277	0.567	ng/ul	98
12) Fluorene	15.298	166	25011	0.587	ng/ul	99
15) Phenanthrene	17.134	178	107206	0.043	ng/ul	98
19) Fluoranthene	19.222	202	30745	6.254	ng/ul#	94
20) Pyrene	19.598	202	2056	0.400	ng/ul#	48
21) Benzo(a)anthracene	21.360	228	56890	12.209	ng/ul#	49
22) Chrysene	21.360	228	57572	11.257	ng/ul#	52
24) Benzo(b)fluoranthene	22.930	252	118088	3.338	ng/ul	86
26) Benzo(a)pyrene	23.558	252	3384	0.137	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	25.918	276	23898	0.620	ng/ul#	42
28) Dibenzo(a,h)anthracene	26.012	278	111576	3.897	ng/ul	91
29) Benzo(g,h,i)perylene	26.565	276	4589	0.149	ng/ul#	1

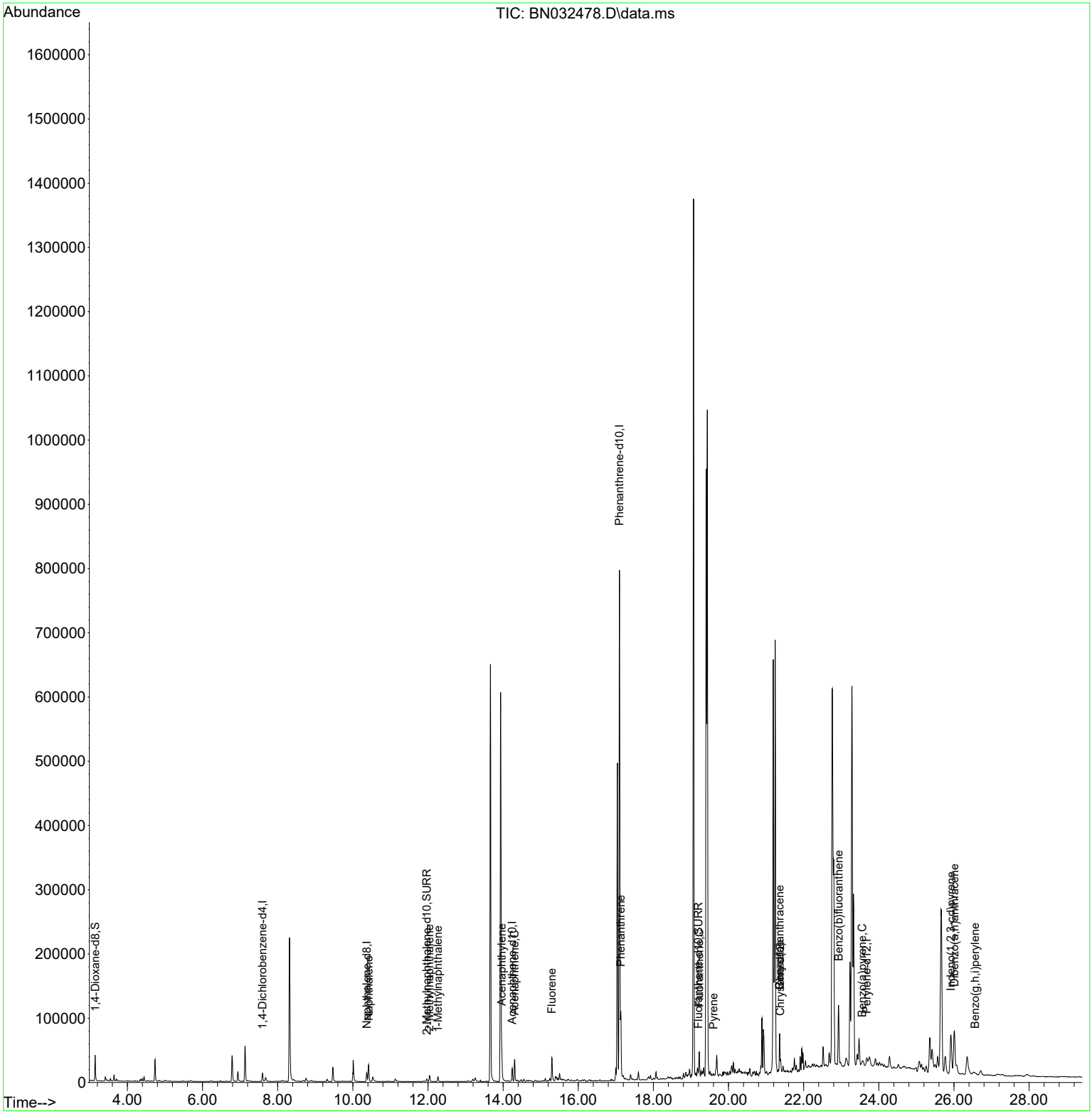
(#) = qualifier out of range (m) = manual integration (+) = signals summed

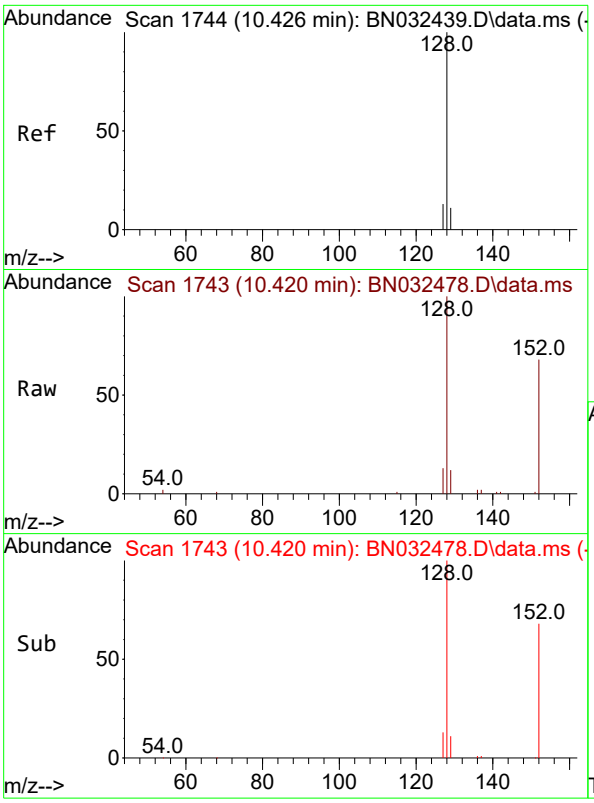
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070324\
Data File : BN032478.D
Acq On : 04 Jul 2024 17:33
Operator : MA/JU
Sample : P2964-12
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A4CS6

Quant Time: Jul 04 23:07:16 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN062724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 03 03:26:42 2024
Response via : Initial Calibration



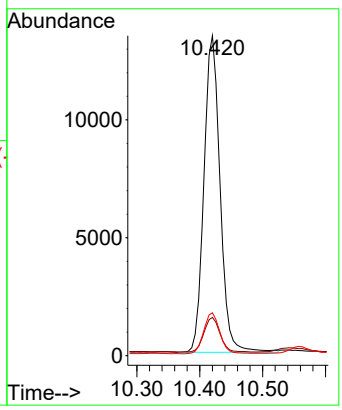


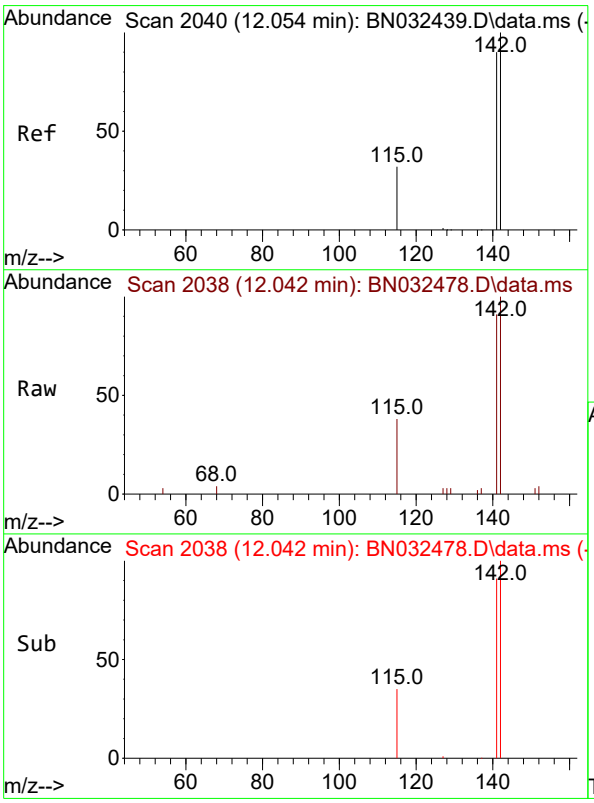
#5
Naphthalene
Concen: 0.454 ng/ul
RT: 10.420 min Scan# 1
Delta R.T. -0.011 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Instrument :
BNA_N
ClientSampleId :
A4CS6

Tgt Ion:128 Resp: 23892

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.2	13.8
127	13.4	10.8	16.2

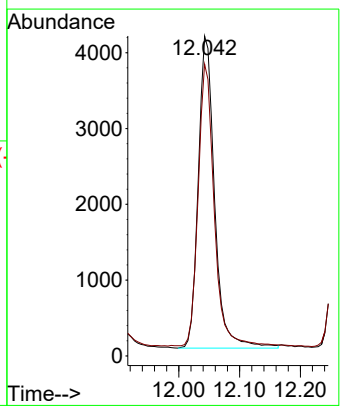


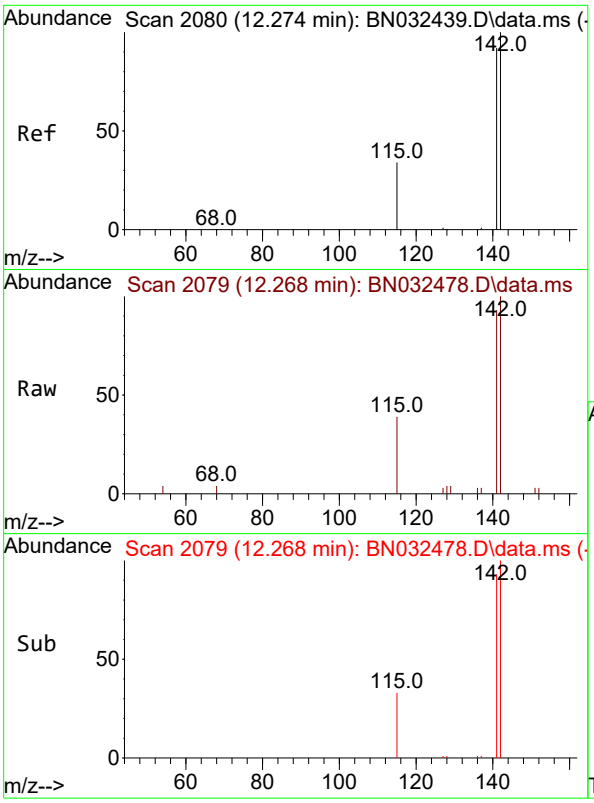


#7
2-Methylnaphthalene
Concen: 0.220 ng/ul
RT: 12.042 min Scan# 2038
Delta R.T. -0.011 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Tgt Ion:142 Resp: 7694

Ion	Ratio	Lower	Upper
142	100		
141	87.9	72.2	108.2



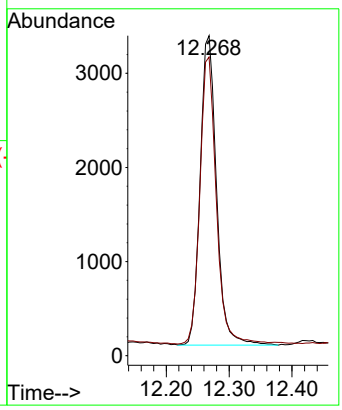


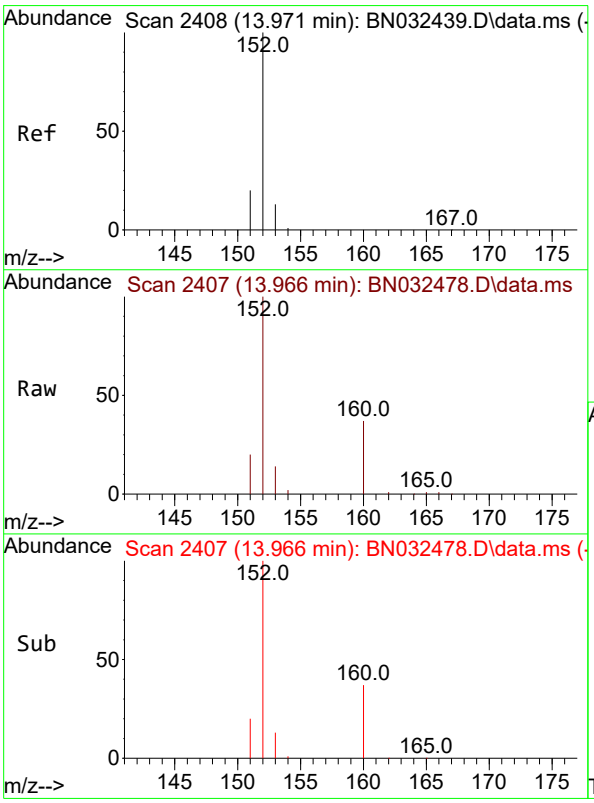
#8
1-Methylnaphthalene
Concen: 0.164 ng/ul
RT: 12.268 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Instrument :
BNA_N
ClientSampleId :
A4CS6

Tgt Ion:142 Resp: 5936

Ion	Ratio	Lower	Upper
142	100		
141	93.4	73.4	110.0

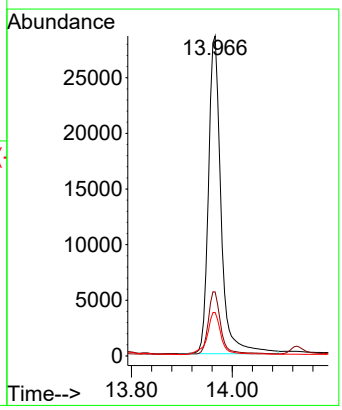


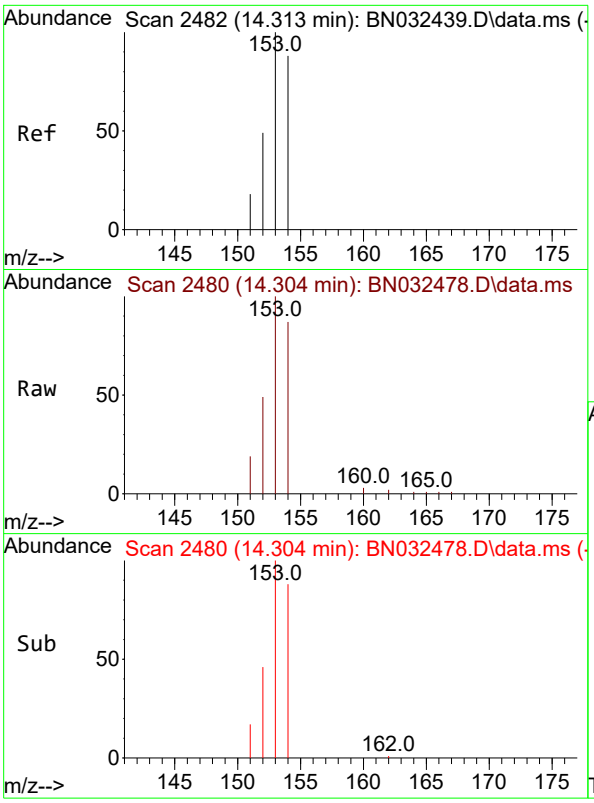


#10
Acenaphthylene
Concen: 1.074 ng/ul
RT: 13.966 min Scan# 2407
Delta R.T. -0.005 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Tgt Ion:152 Resp: 49495

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.7	23.5
153	13.6	10.9	16.3



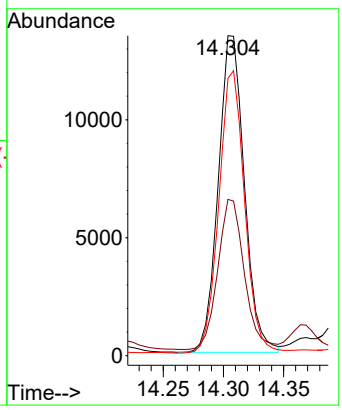


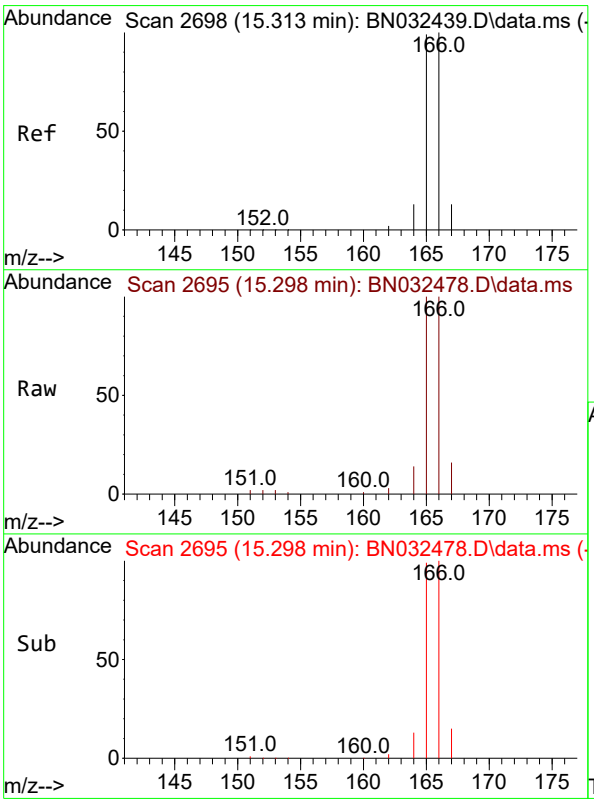
#11
Acenaphthene
Concen: 0.567 ng/ul
RT: 14.304 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Instrument :
BNA_N
ClientSampleId :
A4CS6

Tgt Ion:153 Resp: 20277

Ion	Ratio	Lower	Upper
153	100		
152	48.9	39.5	59.3
154	86.6	71.7	107.5

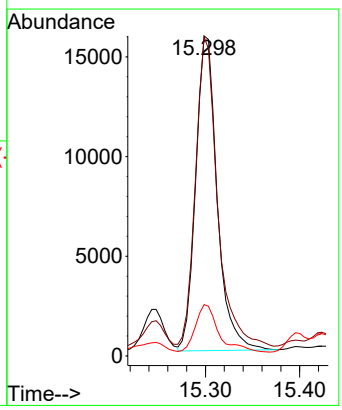


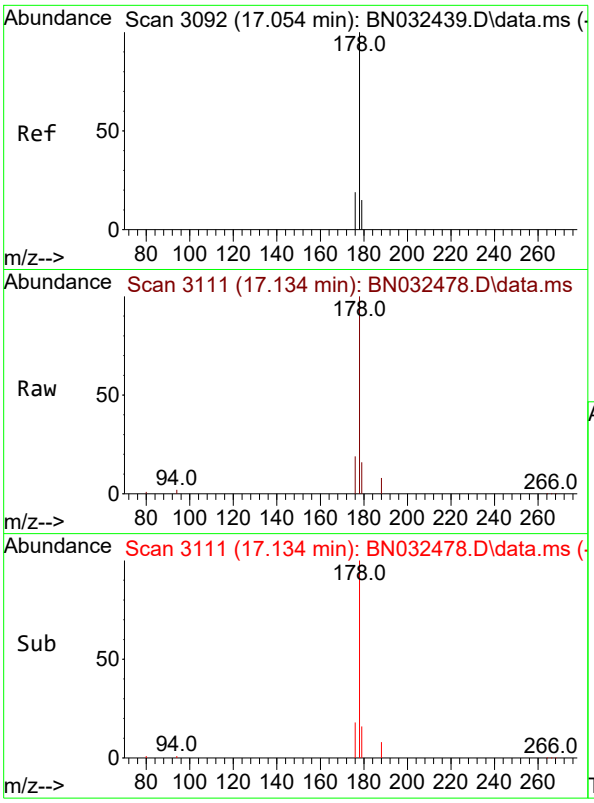


#12
Fluorene
Concen: 0.587 ng/ul
RT: 15.298 min Scan# 2695
Delta R.T. -0.014 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Tgt Ion:166 Resp: 25011

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.0	118.6
167	16.0	11.0	16.6



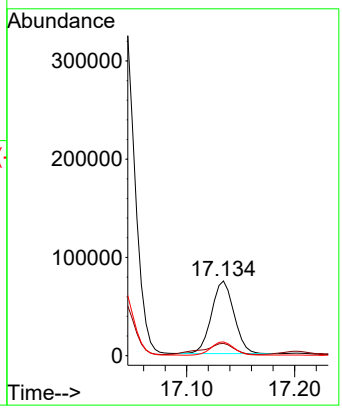


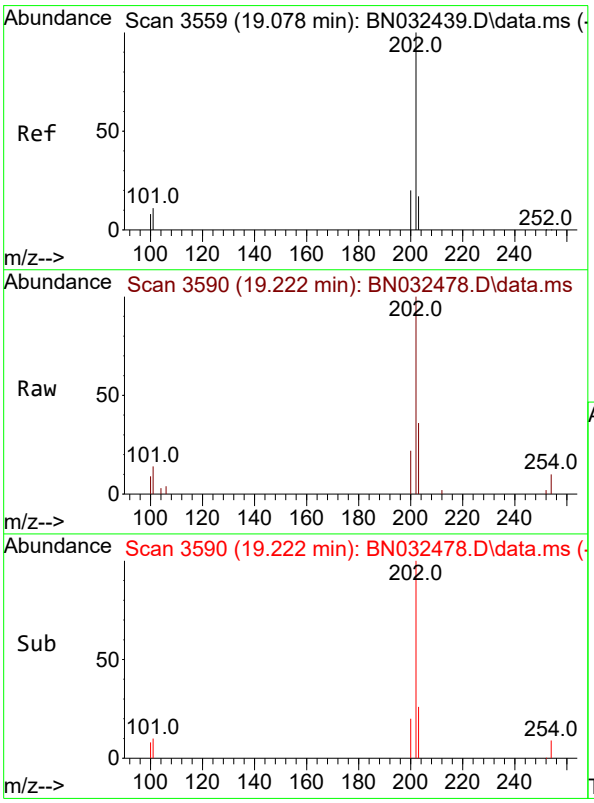
#15
Phenanthrene
Concen: 0.043 ng/ul
RT: 17.134 min Scan# 3
Delta R.T. 0.084 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Instrument :
BNA_N
ClientSampleId :
A4CS6

Tgt Ion:178 Resp: 107206

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.6	18.8
176	18.5	15.6	23.4

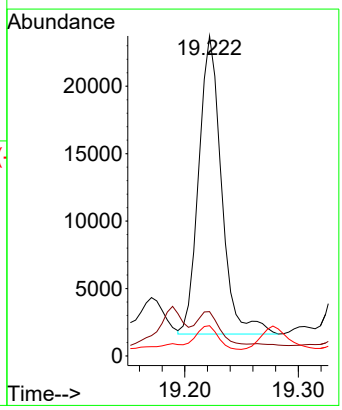


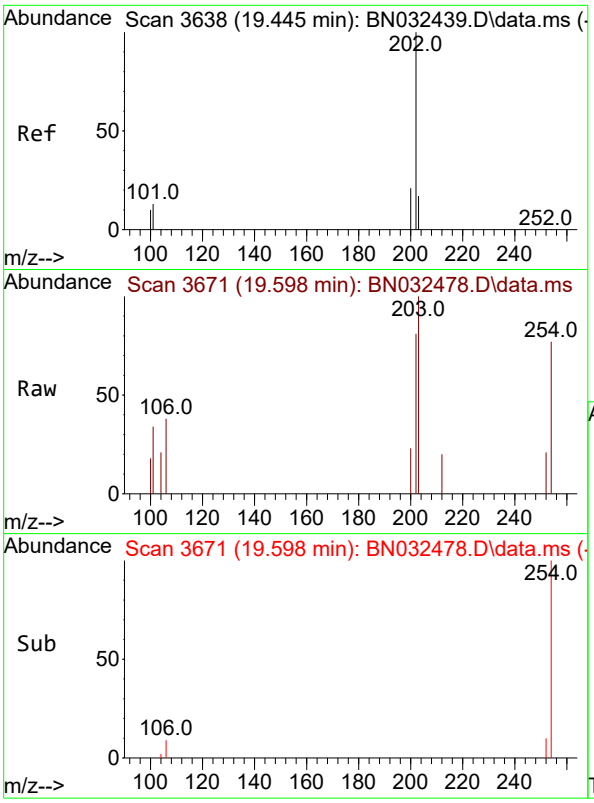


#19
Fluoranthene
Concen: 6.254 ng/ul
RT: 19.222 min Scan# 3590
Delta R.T. 0.149 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Tgt Ion:202 Resp: 30745

Ion	Ratio	Lower	Upper
202	100		
101	13.8	8.8	13.2#
100	9.4	6.4	9.6



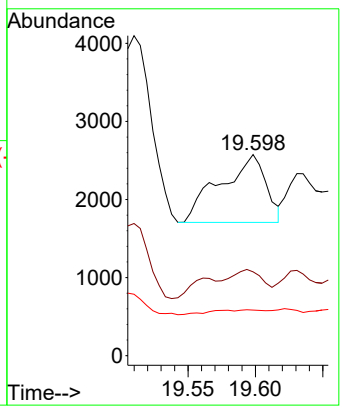


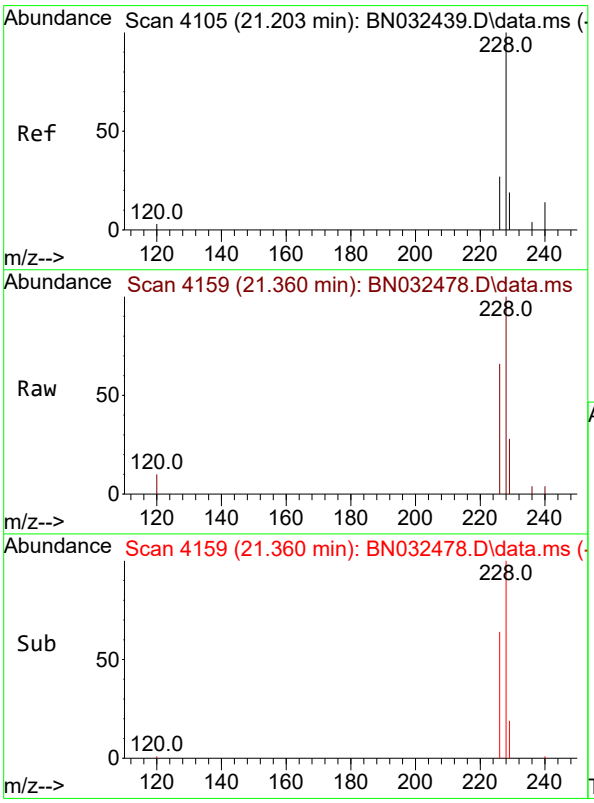
#20
Pyrene
Concen: 0.400 ng/ul
RT: 19.598 min Scan# 3
Delta R.T. 0.158 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Instrument :
BNA_N
ClientSampleId :
A4CS6

Tgt Ion:202 Resp: 2056

Ion	Ratio	Lower	Upper
202	100		
101	41.7	11.0	16.4#
100	22.6	8.7	13.1#

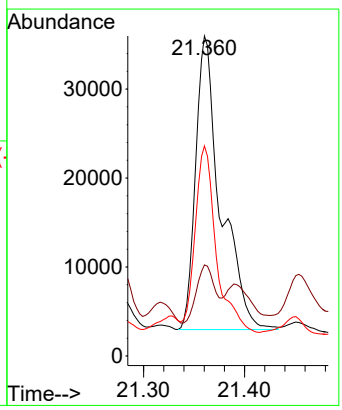


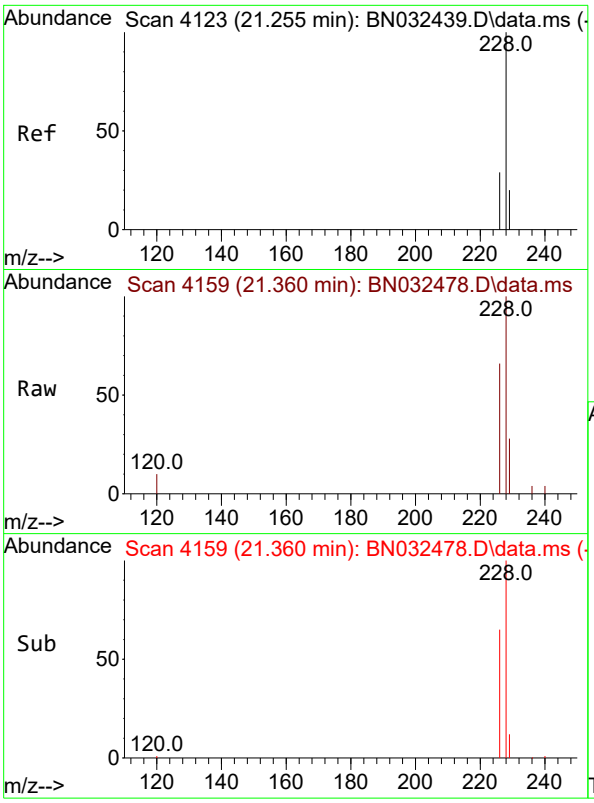


#21
Benzo(a)anthracene
Concen: 12.209 ng/ul
RT: 21.360 min Scan# 4159
Delta R.T. 0.169 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Tgt Ion:228 Resp: 56890

Ion	Ratio	Lower	Upper
228	100		
229	28.5	15.7	23.5#
226	65.7	21.8	32.8#



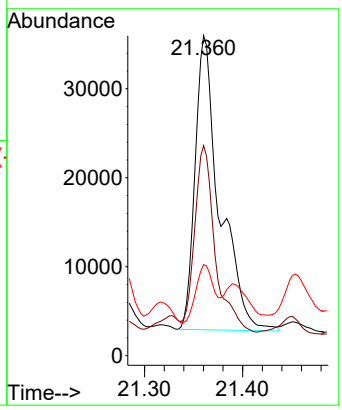


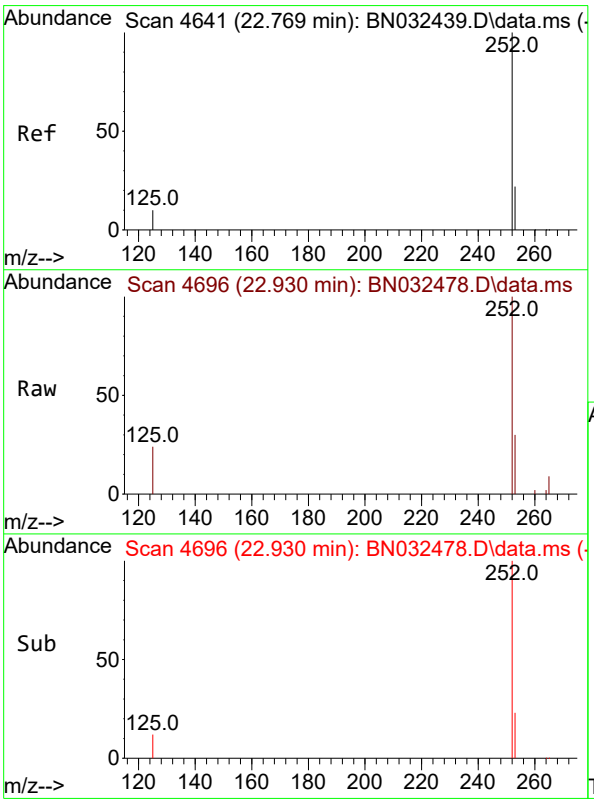
#22
Chrysene
Concen: 11.257 ng/ul
RT: 21.360 min Scan# 4
Delta R.T. 0.117 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Instrument :
BNA_N
ClientSampleId :
A4CS6

Tgt Ion:228 Resp: 57572

Ion	Ratio	Lower	Upper
228	100		
226	65.7	23.6	35.4#
229	28.5	15.7	23.5#

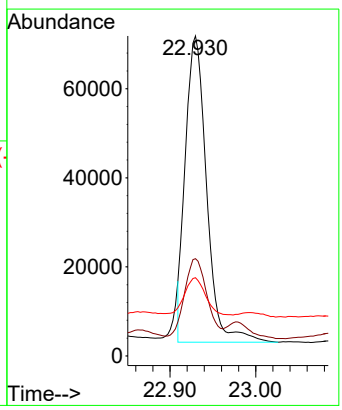


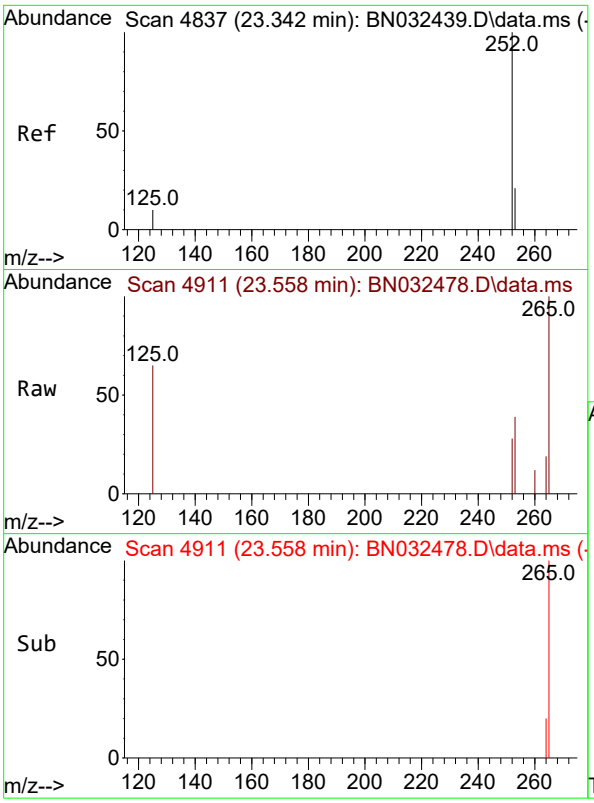


#24
Benzo(b)fluoranthene
Concen: 3.338 ng/ul
RT: 22.930 min Scan# 4696
Delta R.T. 0.172 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Tgt Ion:252 Resp: 118088

Ion	Ratio	Lower	Upper
252	100		
253	30.4	0.0	50.2
125	24.4	0.0	32.0



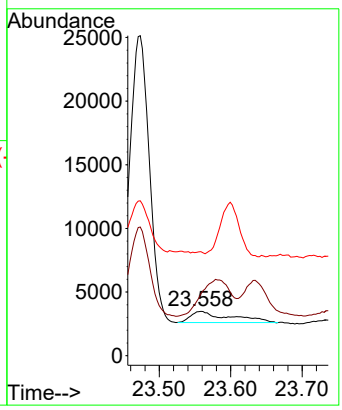


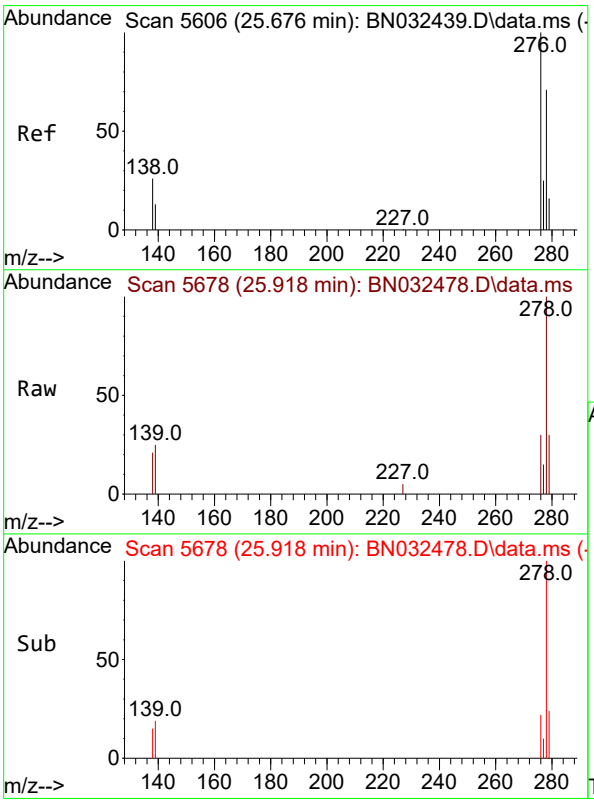
#26
Benzo(a)pyrene
Concen: 0.137 ng/ul
RT: 23.558 min Scan# 4
Delta R.T. 0.231 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Instrument :
BNA_N
ClientSampleId :
A4CS6

Tgt Ion:252 Resp: 3384

Ion	Ratio	Lower	Upper
252	100		
253	139.9	22.2	33.2#
125	234.5	16.4	24.6#

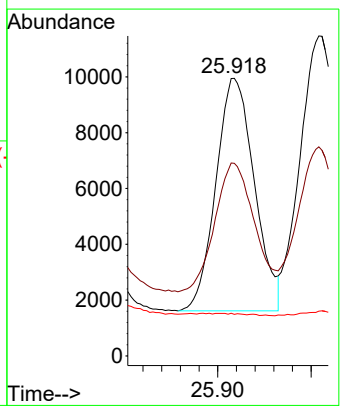


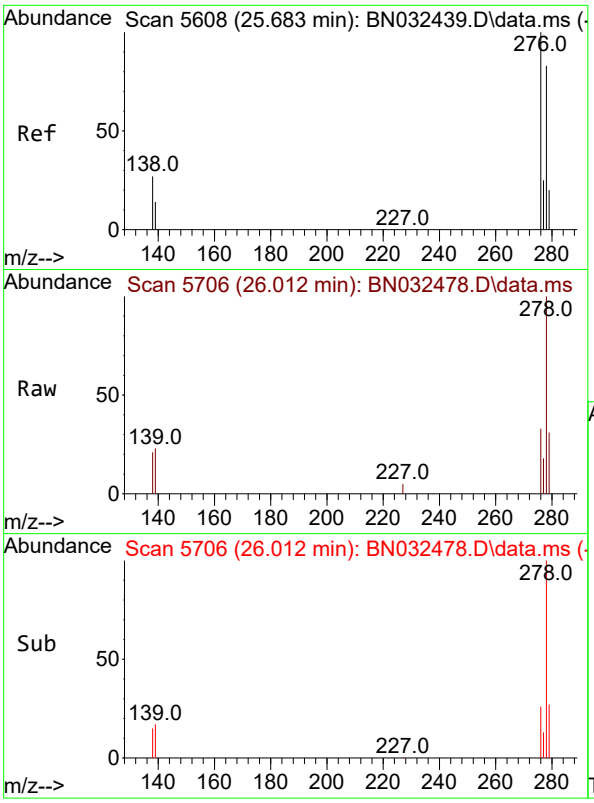


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.620 ng/ul
RT: 25.918 min Scan# 5678
Delta R.T. 0.258 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Tgt Ion:276 Resp: 23898

Ion	Ratio	Lower	Upper
276	100		
138	56.3	21.3	31.9#
227	0.0	0.1	0.1#



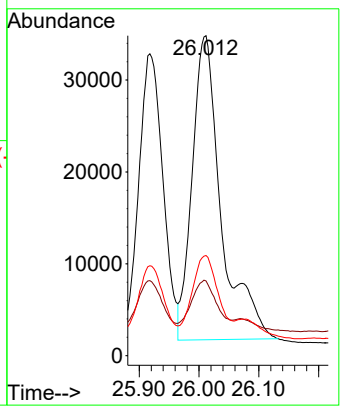


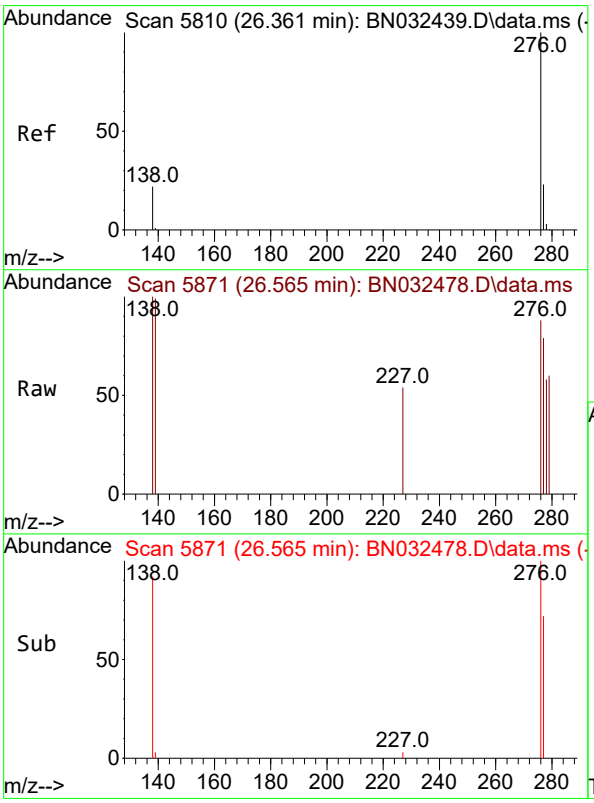
#28
Dibenzo(a,h)anthracene
Concen: 3.897 ng/ul
RT: 26.012 min Scan# 5
Delta R.T. 0.345 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Instrument :
BNA_N
ClientSampleId :
A4CS6

Tgt Ion:278 Resp: 111576

Ion	Ratio	Lower	Upper
278	100		
139	23.3	15.9	23.9
279	31.3	21.1	31.7





#29
Benzo(g,h,i)perylene
Concen: 0.149 ng/ul
RT: 26.565 min Scan# 5871
Delta R.T. 0.221 min
Lab File: BN032478.D
Acq: 04 Jul 2024 17:33

Tgt Ion:276 Resp: 4589

Ion	Ratio	Lower	Upper
276	100		
138	114.3	19.8	29.6#
277	90.6	19.8	29.6#