Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036032.D
Acq On : 27 Jan 2025 12:05
Operator : RC/JU
Sample : Q1148-08DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
XA177DL

Quant Time: Jan 27 12:34:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.812	152	1880	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	3612	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	1911	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	3879	0.400	ng/ul	0.00
17) Chrysene-d12	21.371	240	3371	0.400	ng/ul	0.00
23) Perylene-d12	23.669	264	3511	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	279	0.136	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	344	0.075	ng/ul	0.00
18) Fluoranthene-d10	19.219	212	796	0.086	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.655	128	14308	1.438	ng/ul	98
10) Acenaphthylene	14.168	152	17945	1.992	ng/ul	97
11) Acenaphthene	14.510	153	4537	0.684	ng/ul	99
12) Fluorene	15.495	166	6694	0.914	ng/ul	99
15) Phenanthrene	17.233	178	10372	0.913	ng/ul	99
16) Anthracene	17.322	178	2830	0.268	ng/ul	96
19) Fluoranthene	19.247	202	3777	0.295	ng/ul	98
20) Pyrene	19.610	202	10073	0.753	ng/ul	99
21) Benzo(a)anthracene	21.354	228	4877	0.405	ng/ul	99
22) Chrysene	21.406	228	3856	0.314	ng/ul	98
24) Benzo(b)fluoranthene	22.973	252	1313	0.112	ng/ul	74
25) Benzo(k)fluoranthene	23.017	252	6889	0.559	ng/ul	100
26) Benzo(a)pyrene	23.566	252	3456	0.327	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.008	276	5329	0.381	ng/ul#	50
28) Dibenzo(a,h)anthracene	26.024	278	8099	0.751	ng/ul	99
29) Benzo(g,h,i)perylene	26.722	276	10531	0.969	ng/ul	97

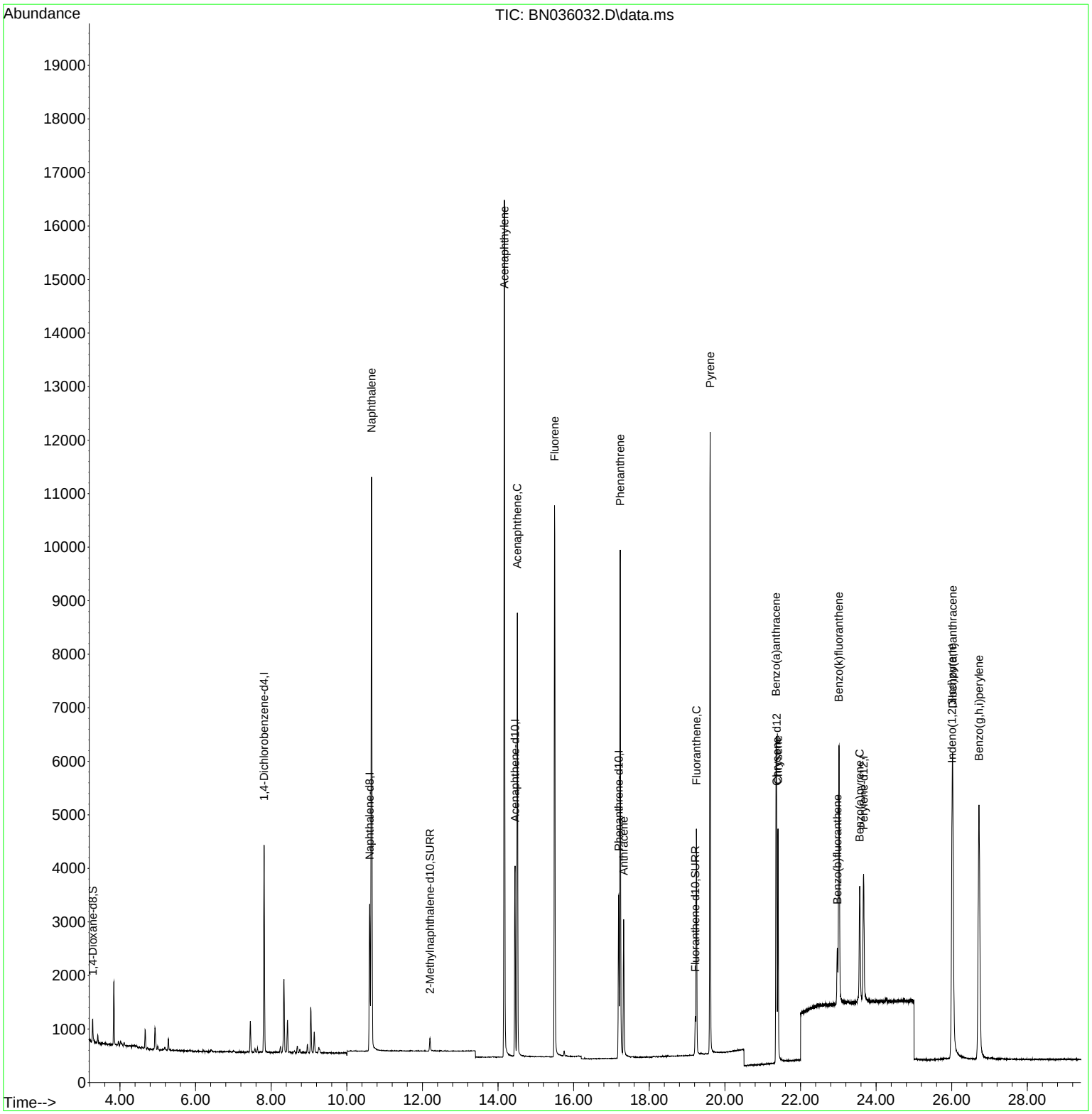
(#) = qualifier out of range (m) = manual integration (+) = signals summed

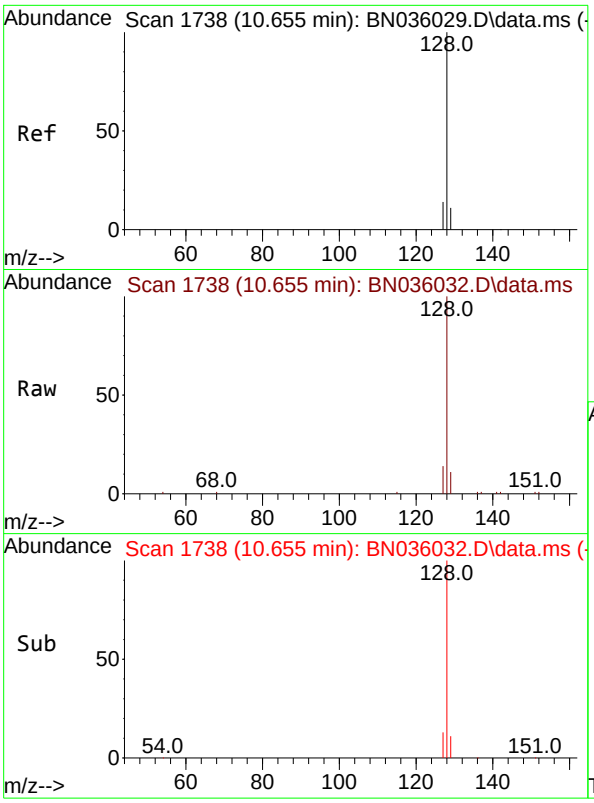
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036032.D
Acq On : 27 Jan 2025 12:05
Operator : RC/JU
Sample : Q1148-08DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
XA177DL

Quant Time: Jan 27 12:34:19 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN012125.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 21 23:52:22 2025
Response via : Initial Calibration



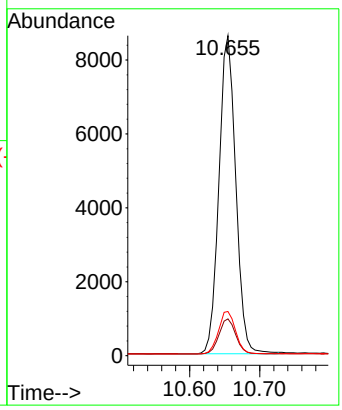


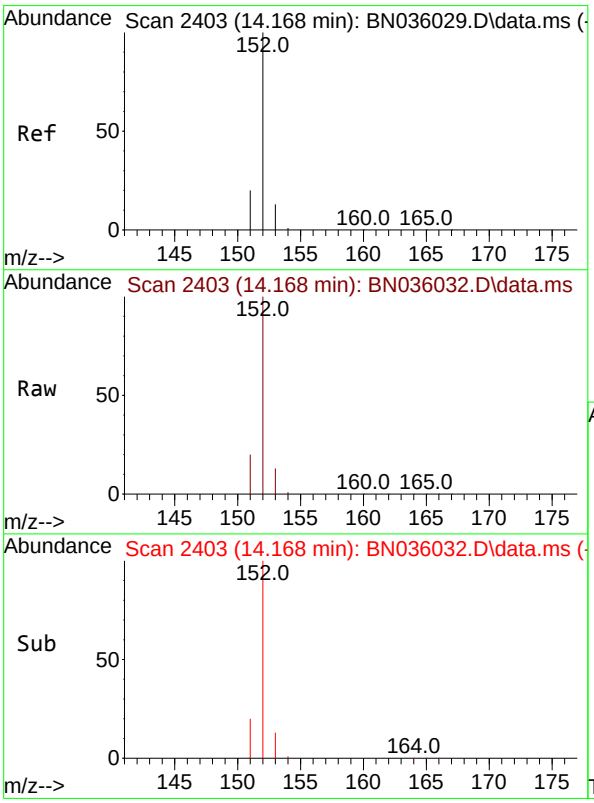
#5
Naphthalene
Concen: 1.438 ng/ul
RT: 10.655 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Instrument :
BNA_N
ClientSampleId :
XA177DL

Tgt Ion:128 Resp: 14308

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.6	14.4
127	13.8	12.0	18.0

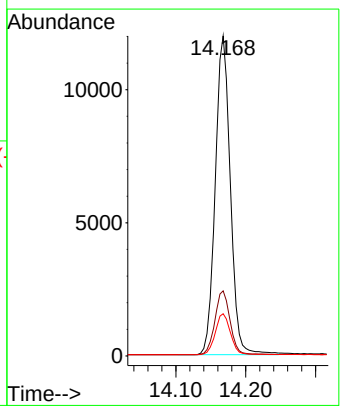


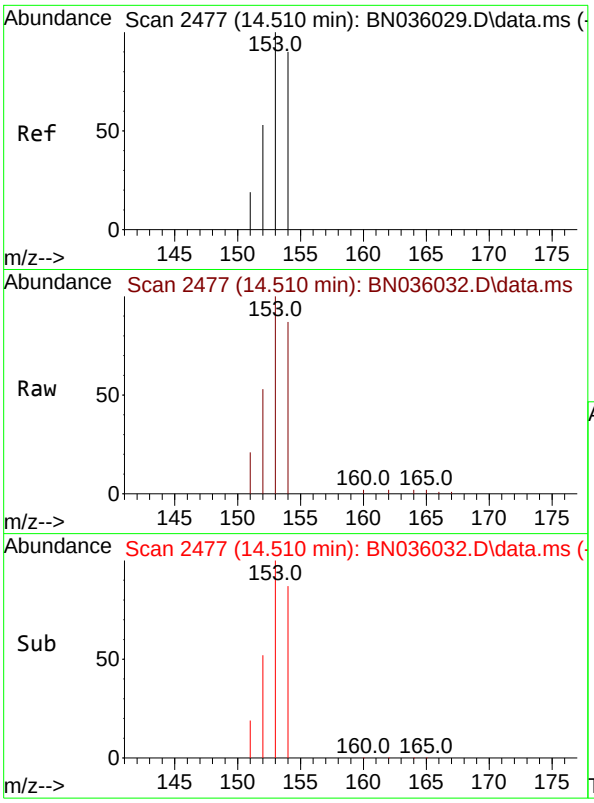


#10
Acenaphthylene
Concen: 1.992 ng/ul
RT: 14.168 min Scan# 2403
Delta R.T. 0.000 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Tgt Ion:152 Resp: 17945

Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.4	26.2
153	13.2	11.9	17.9



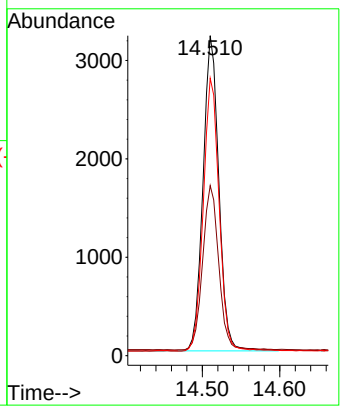


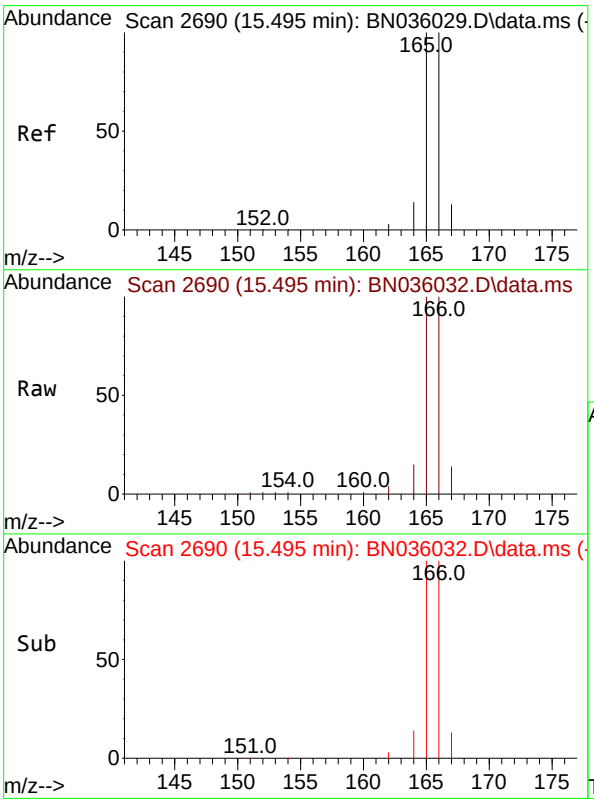
#11
Acenaphthene
Concen: 0.684 ng/ul
RT: 14.510 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Instrument :
BNA_N
ClientSampleId :
XA177DL

Tgt Ion:153 Resp: 4537

Ion	Ratio	Lower	Upper
153	100		
152	53.1	43.2	64.8
154	86.7	70.5	105.7

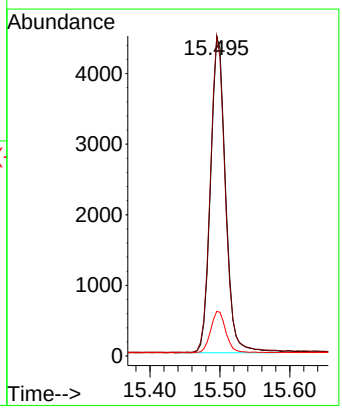


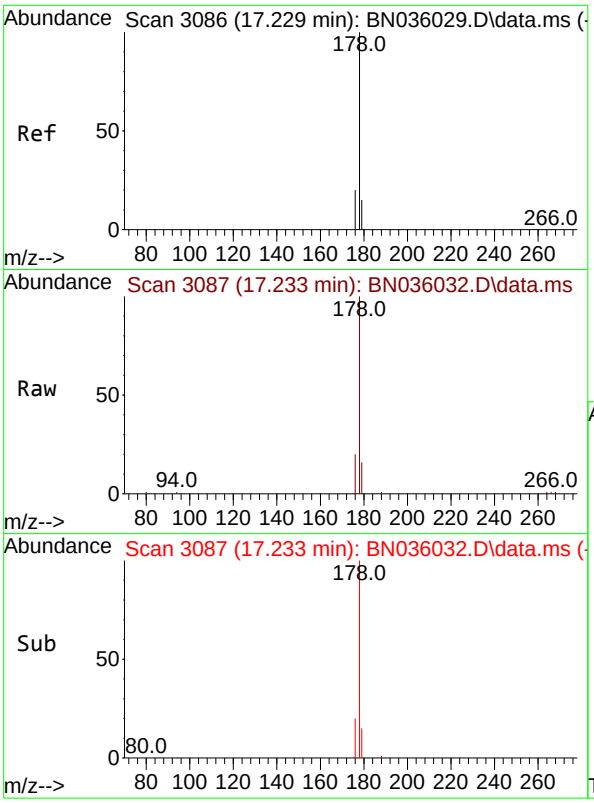


#12
Fluorene
Concen: 0.914 ng/ul
RT: 15.495 min Scan# 2690
Delta R.T. -0.005 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Tgt Ion:166 Resp: 6694

Ion	Ratio	Lower	Upper
166	100		
165	100.2	80.3	120.5
167	14.0	12.3	18.5



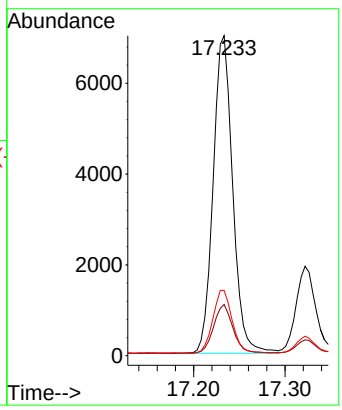


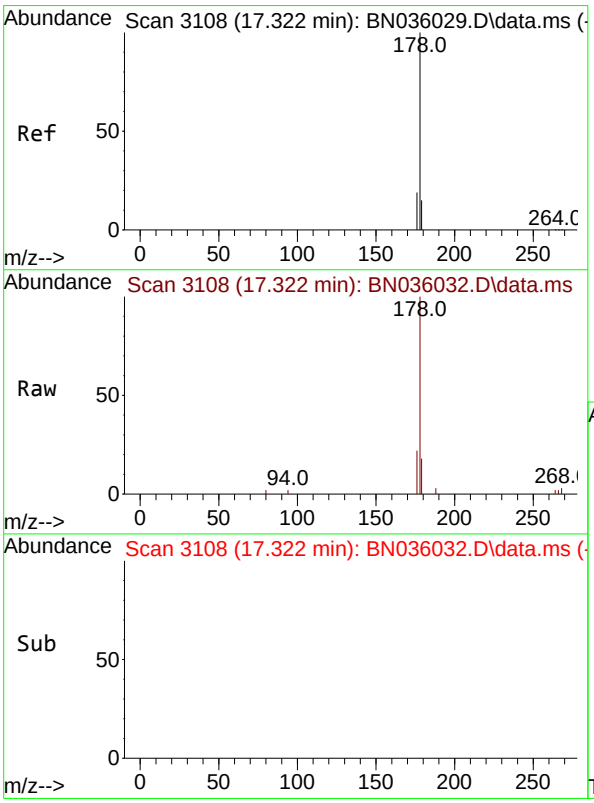
#15
Phenanthrene
Concen: 0.913 ng/ul
RT: 17.233 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Instrument :
BNA_N
ClientSampleId :
XA177DL

Tgt Ion:178 Resp: 10372

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.2	19.8
176	20.4	16.8	25.2

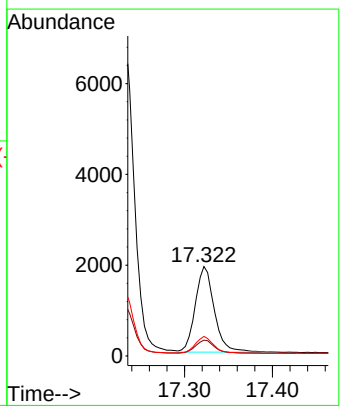


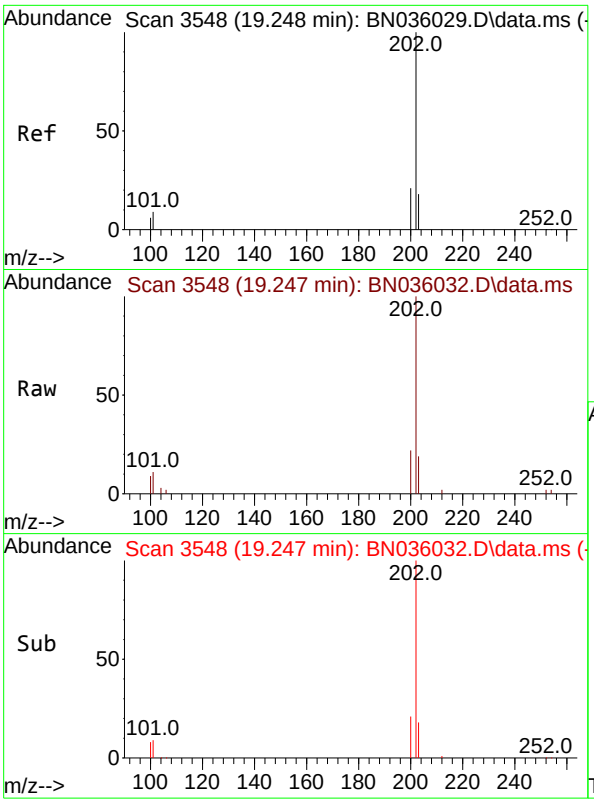


#16
Anthracene
Concen: 0.268 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Tgt Ion:178 Resp: 2830

Ion	Ratio	Lower	Upper
178	100		
179	17.7	13.0	19.4
176	21.8	15.9	23.9



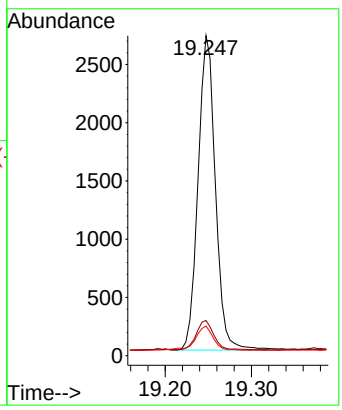


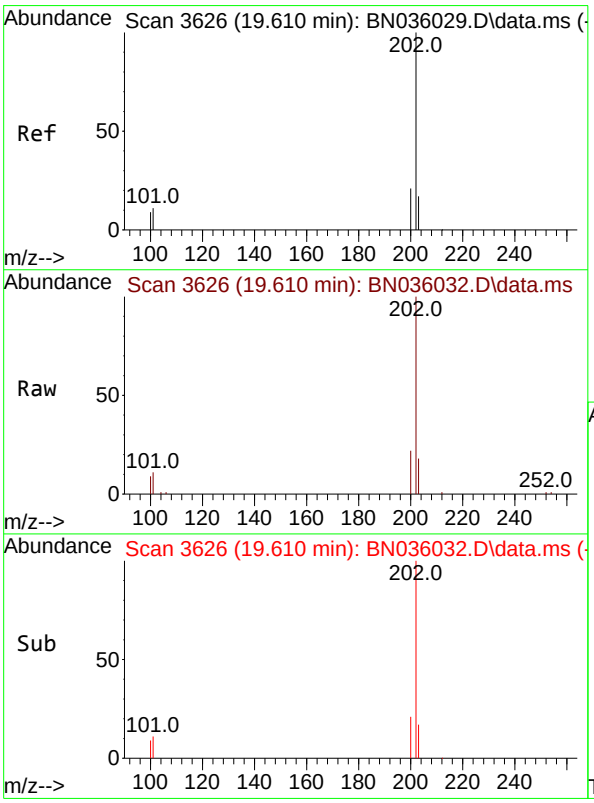
#19
Fluoranthene
Concen: 0.295 ng/ul
RT: 19.247 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Instrument :
BNA_N
ClientSampleId :
XA177DL

Tgt Ion:202 Resp: 3777

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.4	12.6
100	9.2	6.5	9.7

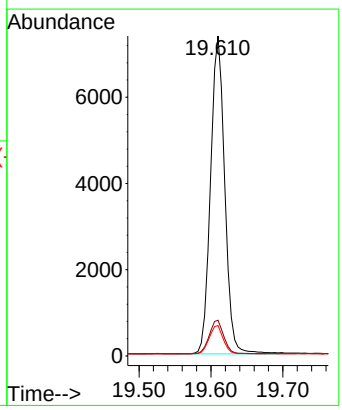


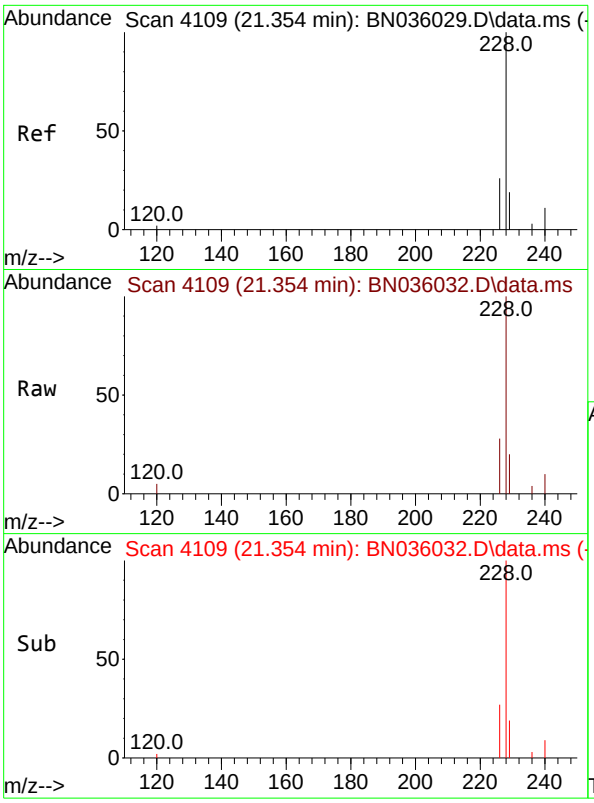


#20
Pyrene
Concen: 0.753 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Tgt Ion:202 Resp: 10073

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.3	13.9
100	9.5	7.5	11.3



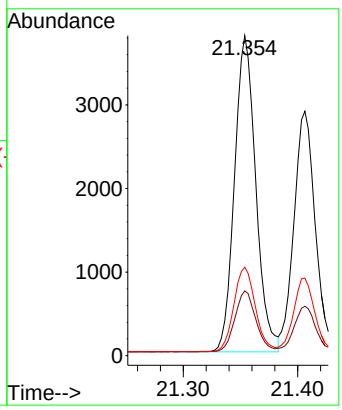


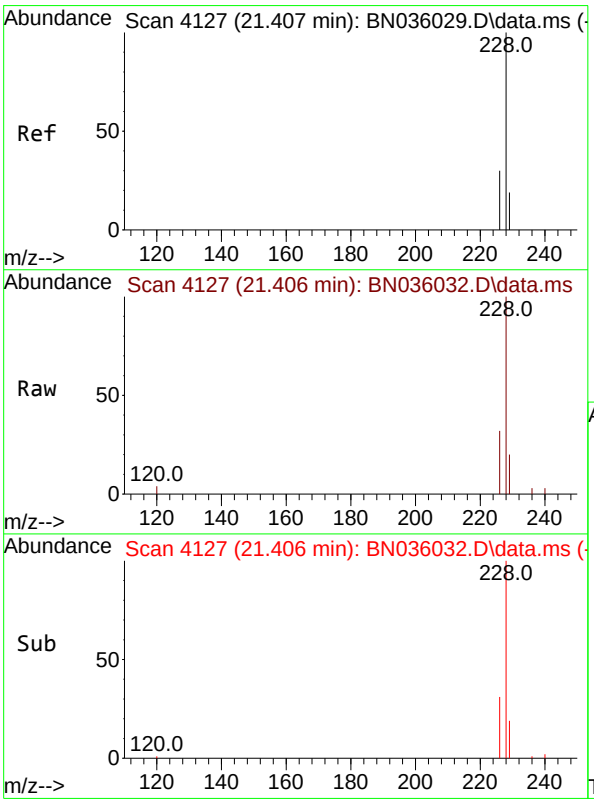
#21
Benzo(a)anthracene
Concen: 0.405 ng/ul
RT: 21.354 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Instrument :
BNA_N
ClientSampleId :
XA177DL

Tgt Ion:228 Resp: 4877

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.9	23.9
226	27.6	22.8	34.2

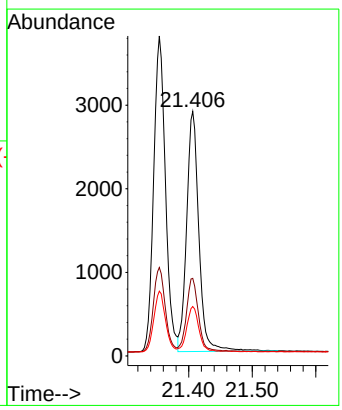


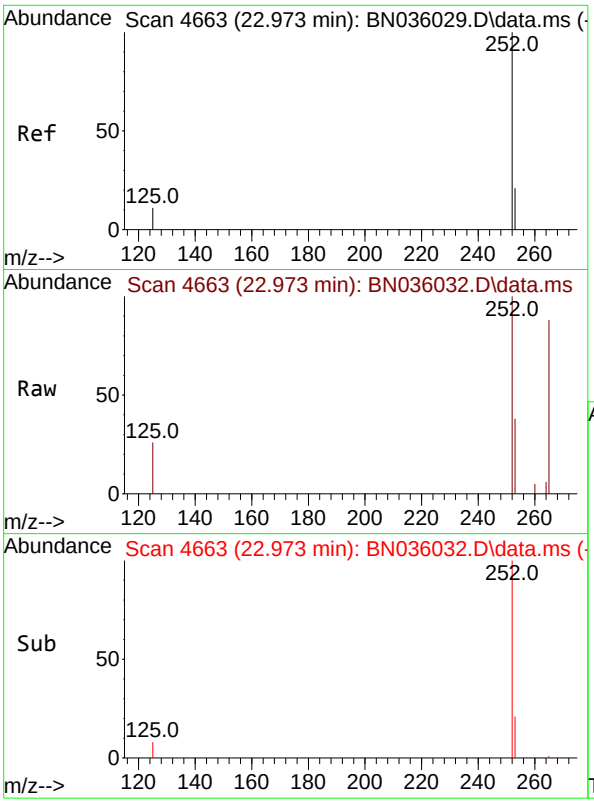


#22
Chrysene
Concen: 0.314 ng/ul
RT: 21.406 min Scan# 4127
Delta R.T. 0.000 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Tgt Ion:228 Resp: 3856

Ion	Ratio	Lower	Upper
228	100		
226	31.7	24.4	36.6
229	20.2	15.9	23.9



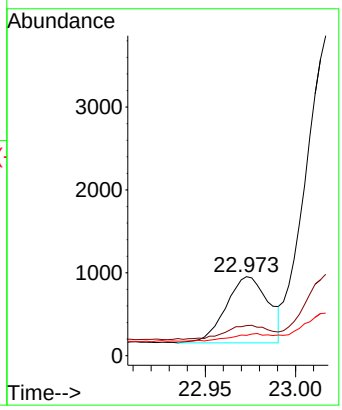


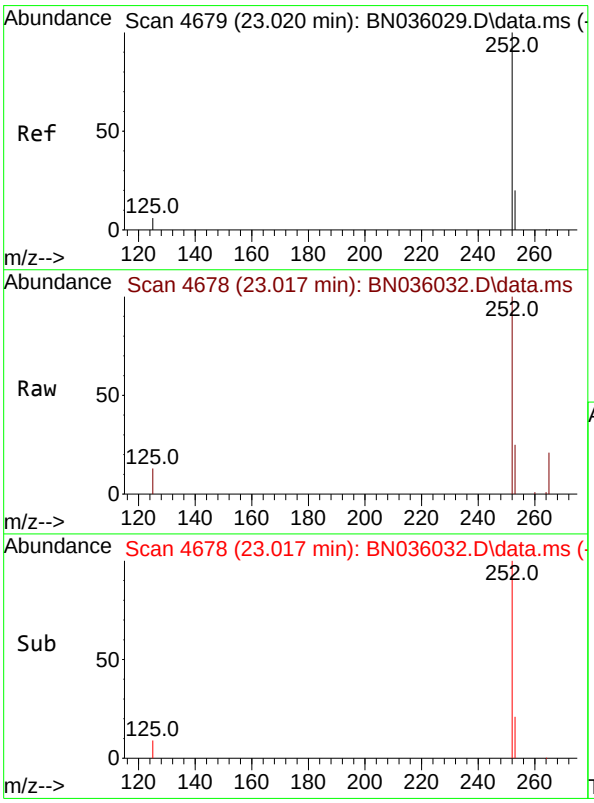
#24
Benzo(b)fluoranthene
Concen: 0.112 ng/ul
RT: 22.973 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Instrument :
BNA_N
ClientSampleId :
XA177DL

Tgt Ion:252 Resp: 1313

Ion	Ratio	Lower	Upper
252	100		
253	38.1	0.0	51.2
125	25.8	0.0	27.8

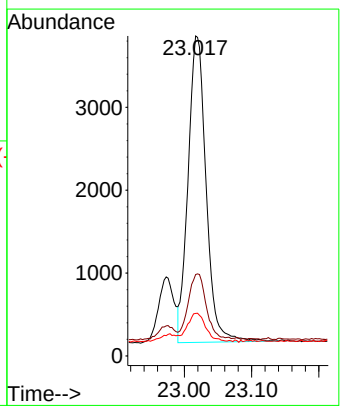


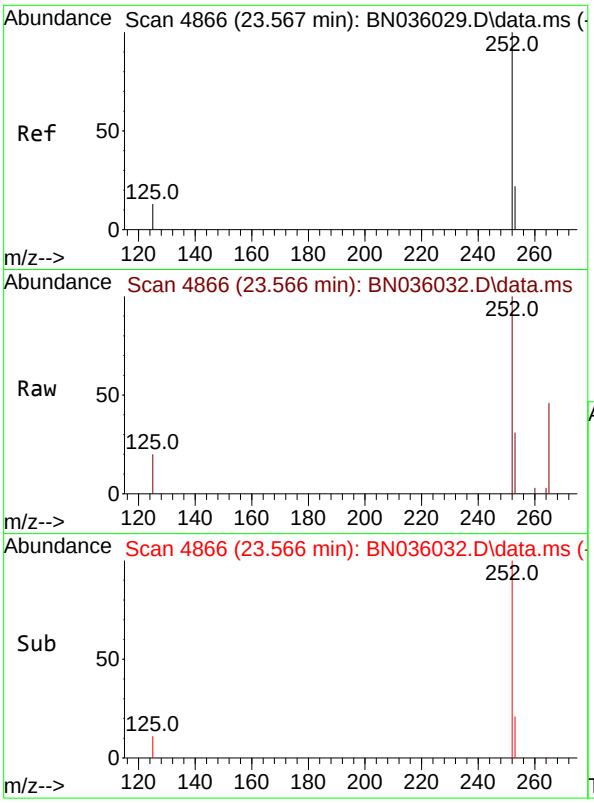


#25
Benzo(k)fluoranthene
Concen: 0.559 ng/ul
RT: 23.017 min Scan# 4678
Delta R.T. -0.003 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Tgt Ion:252 Resp: 6889

Ion	Ratio	Lower	Upper
252	100		
253	25.4	20.2	30.4
125	13.3	10.6	16.0



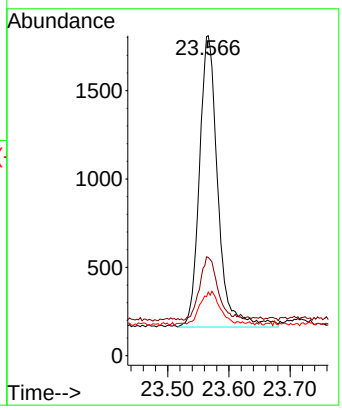


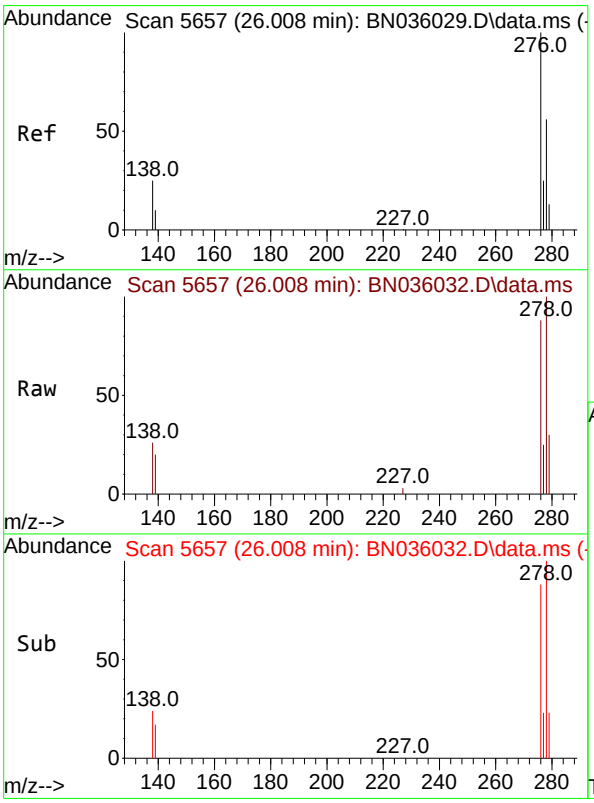
#26
Benzo(a)pyrene
Concen: 0.327 ng/ul
RT: 23.566 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Instrument :
BNA_N
ClientSampleId :
XA177DL

Tgt Ion:252 Resp: 3456

Ion	Ratio	Lower	Upper
252	100		
253	30.7	22.2	33.4
125	19.9	13.1	19.7#

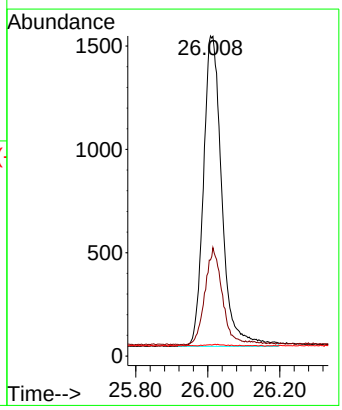


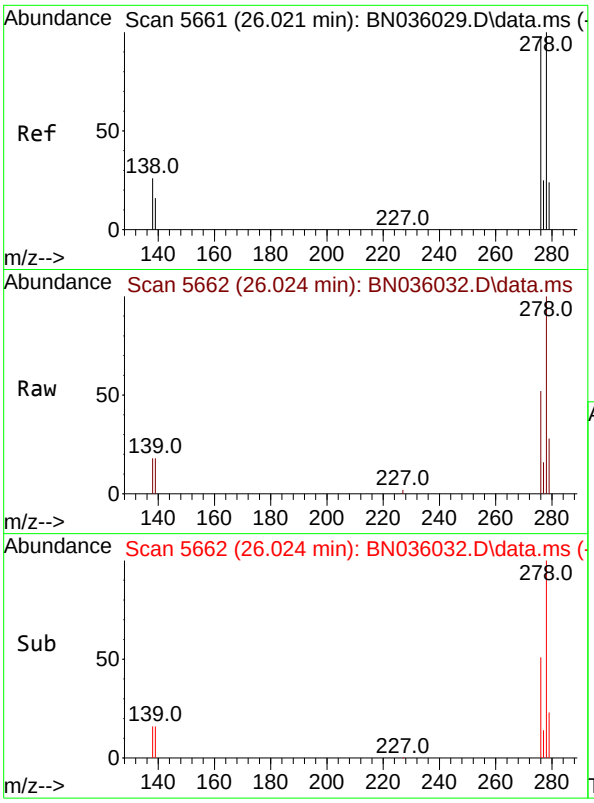


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.381 ng/ul
RT: 26.008 min Scan# 5657
Delta R.T. 0.003 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Tgt Ion:276 Resp: 5329

Ion	Ratio	Lower	Upper
276	100		
138	0.0	20.2	30.4#
227	0.1	0.1	0.1



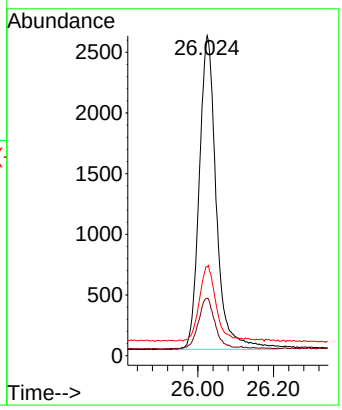


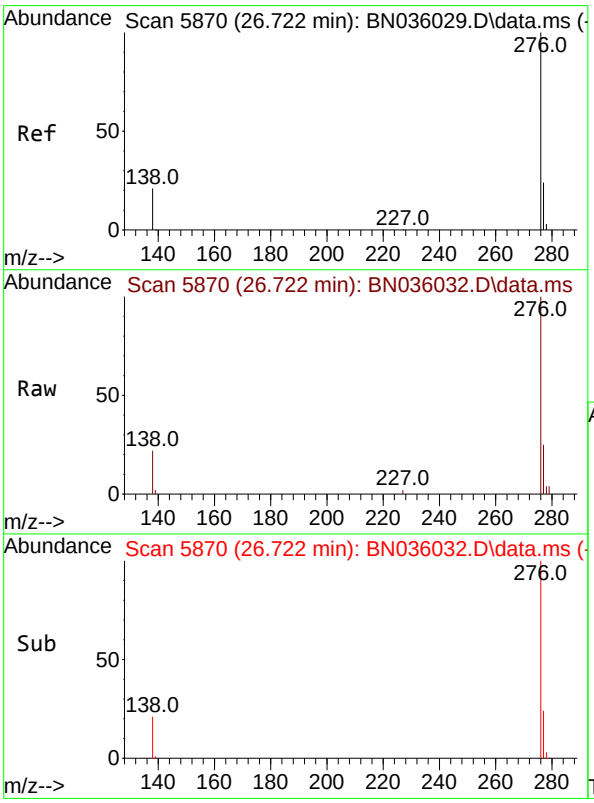
#28
Dibenzo(a,h)anthracene
Concen: 0.751 ng/ul
RT: 26.024 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Instrument :
BNA_N
ClientSampleId :
XA177DL

Tgt Ion:278 Resp: 8099

Ion	Ratio	Lower	Upper
278	100		
139	18.0	15.4	23.2
279	27.7	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 0.969 ng/ul
RT: 26.722 min Scan# 5870
Delta R.T. 0.003 min
Lab File: BN036032.D
Acq: 27 Jan 2025 12:05

Tgt Ion:276 Resp: 10531

Ion	Ratio	Lower	Upper
276	100		
138	22.3	19.4	29.0
277	25.2	21.1	31.7