Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036080.D
Acq On : 28 Jan 2025 19:05
Operator : RC/JU
Sample : Q1184-10MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2959MS

Quant Time: Jan 29 08:18:05 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	7.807	152	2798	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	6536	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	4027	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.195	188	8949	0.400	ng/ul	0.00
17) Chrysene-d12	21.377	240	8485	0.400	ng/ul	0.00
23) Perylene-d12	23.681	264	7962	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	682	0.223	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	3226	0.391	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	10207	0.438	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	2000	0.612	ng/ul	97
5) Naphthalene	10.655	128	5841	0.324	ng/ul	100
7) 2-Methylnaphthalene	12.266	142	3821	0.342	ng/ul	100
8) 1-Methylnaphthalene	12.486	142	3872	0.341	ng/ul	99
10) Acenaphthylene	14.168	152	6260	0.330	ng/ul	99
11) Acenaphthene	14.510	153	4763	0.341	ng/ul	96
12) Fluorene	15.500	166	5603	0.363	ng/ul	99
14) Pentachlorophenol	16.853	266	2526	0.806	ng/ul	99
15) Phenanthrene	17.233	178	9950	0.380	ng/ul	99
16) Anthracene	17.326	178	9200	0.378	ng/ul	99
19) Fluoranthene	19.252	202	12337	0.383	ng/ul	100
20) Pyrene	19.615	202	13098	0.389	ng/ul	99
21) Benzo(a)anthracene	21.363	228	12701	0.419	ng/ul	98
22) Chrysene	21.415	228	12602	0.407	ng/ul	99
24) Benzo(b)fluoranthene	22.985	252	11848	0.446	ng/ul	91
25) Benzo(k)fluoranthene	23.029	252	11575	0.414	ng/ul#	90
26) Benzo(a)pyrene	23.578	252	9902	0.413	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.028	276	11465	0.361	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.041	278	9063	0.371	ng/ul	93
29) Benzo(g,h,i)perylene	26.746	276	8810	0.357	ng/ul	98

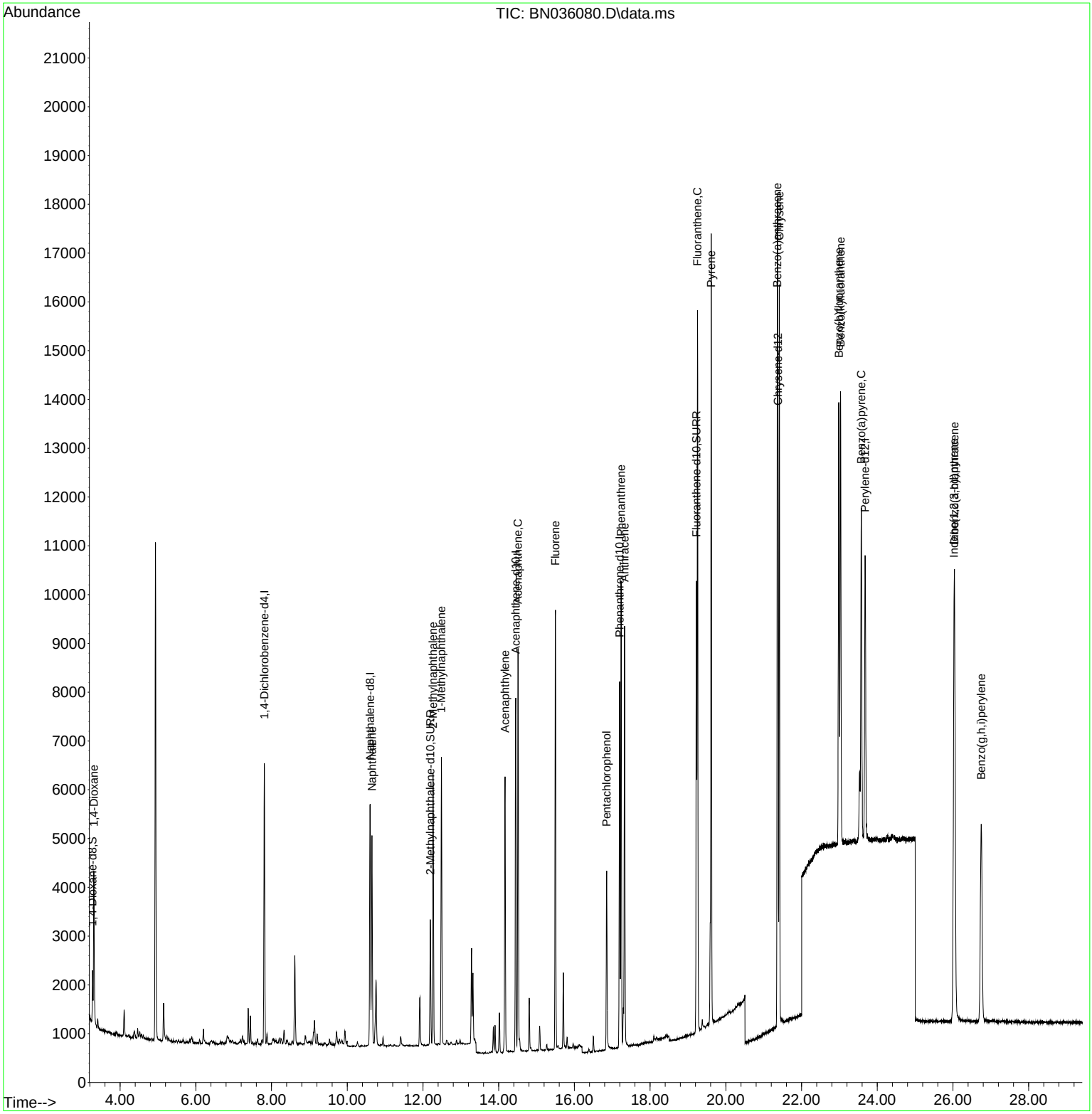
(#) = qualifier out of range (m) = manual integration (+) = signals summed

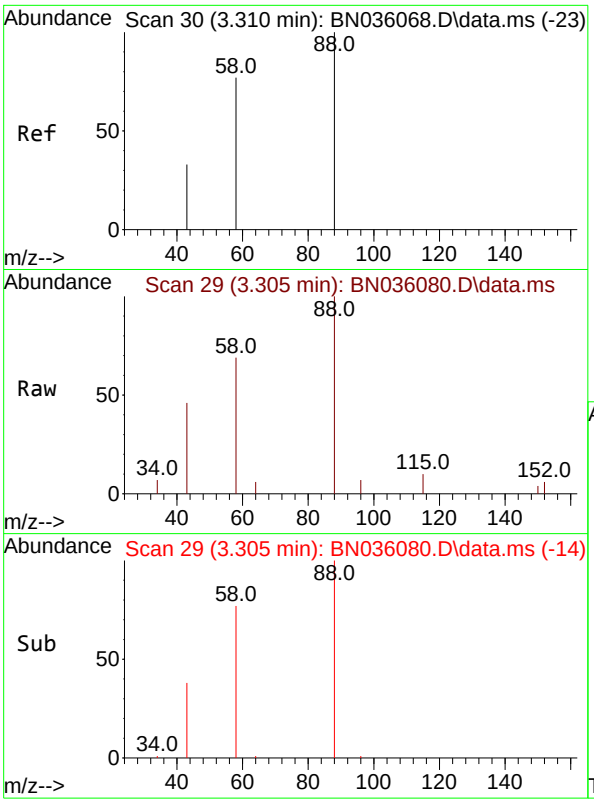
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036080.D
Acq On : 28 Jan 2025 19:05
Operator : RC/JU
Sample : Q1184-10MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2959MS

Quant Time: Jan 29 08:18:05 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



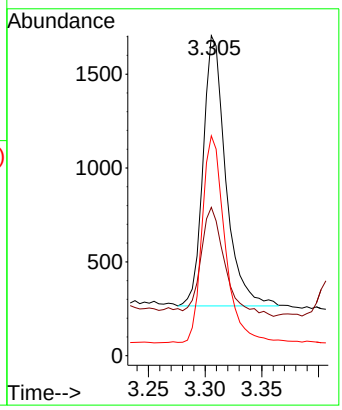


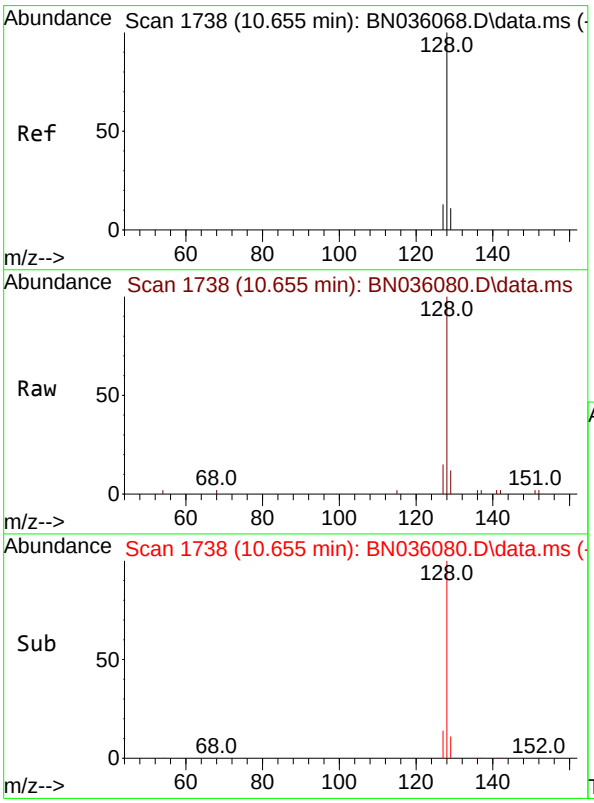
#2
1,4-Dioxane
Concen: 0.612 ng/ul
RT: 3.305 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Instrument :
BNA_N
ClientSampleId :
E2959MS

Tgt Ion: 88 Resp: 2000

Ion	Ratio	Lower	Upper
88	100		
43	46.3	40.7	61.1
58	68.7	55.2	82.8

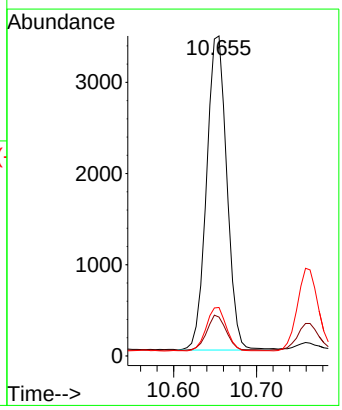


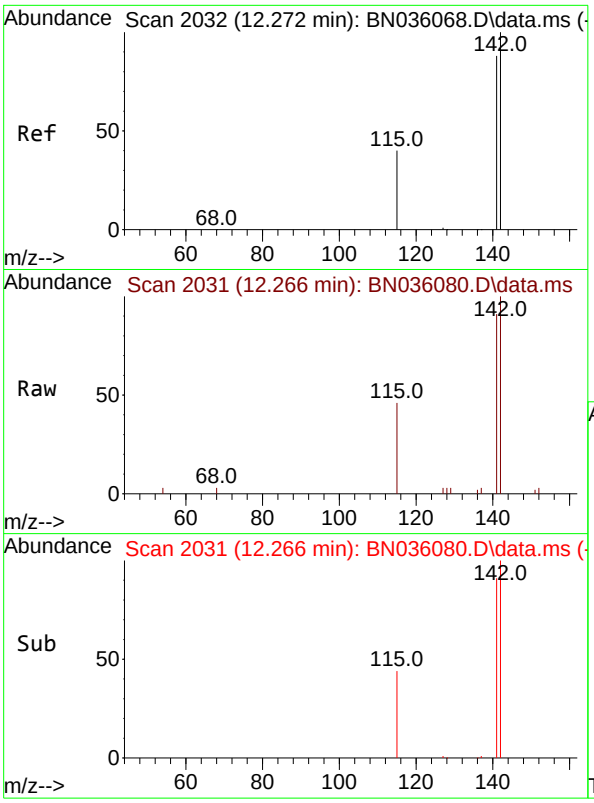


#5
Naphthalene
Concen: 0.324 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Tgt Ion:128 Resp: 5841

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.6	14.4
127	15.1	12.0	18.0



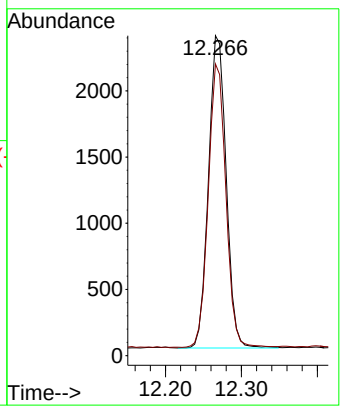


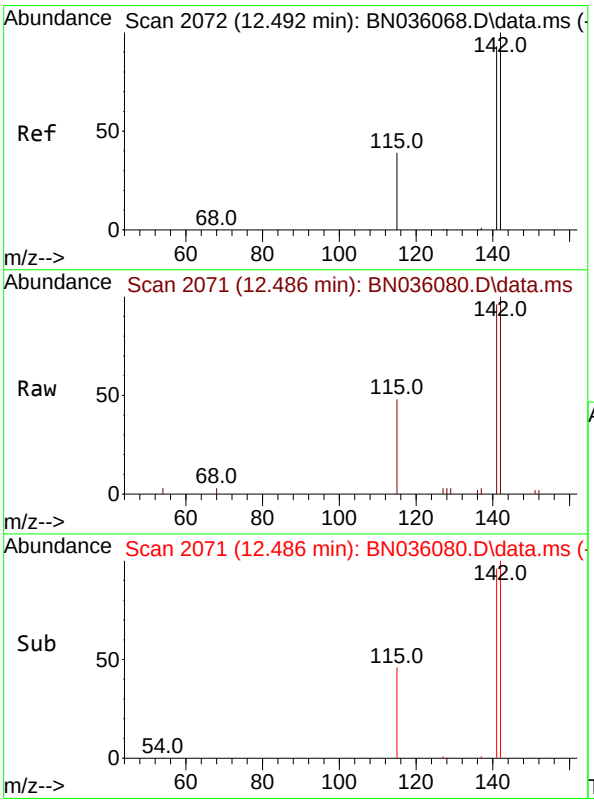
#7
2-Methylnaphthalene
Concen: 0.342 ng/ul
RT: 12.266 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Instrument :
BNA_N
ClientSampleId :
E2959MS

Tgt Ion:142 Resp: 3821

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9

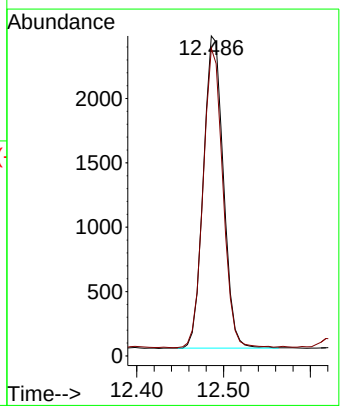


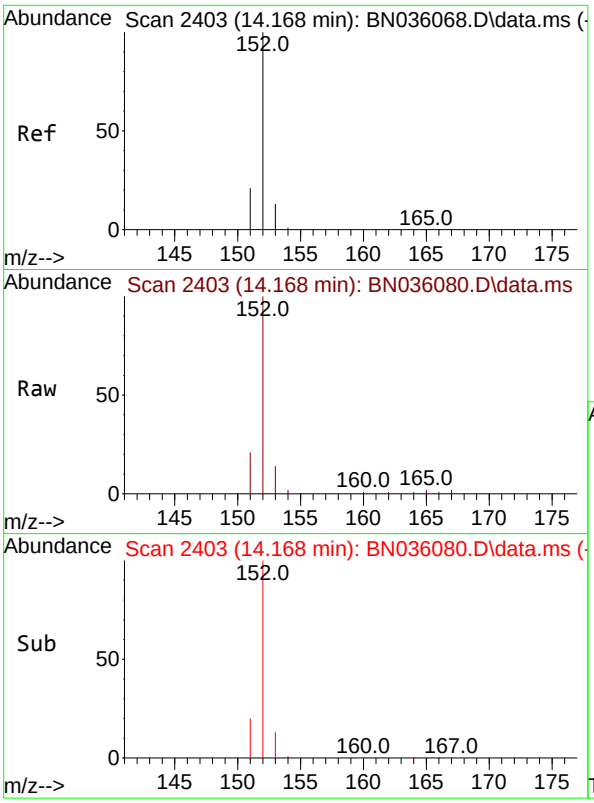


#8
1-Methylnaphthalene
Concen: 0.341 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Tgt Ion:142 Resp: 3872

Ion	Ratio	Lower	Upper
142	100		
141	94.6	75.2	112.8



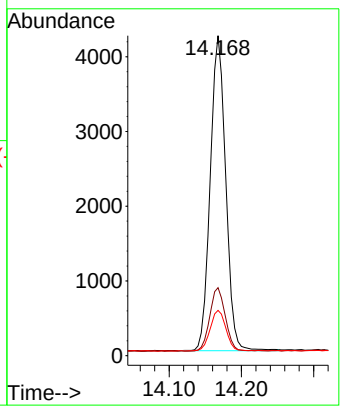


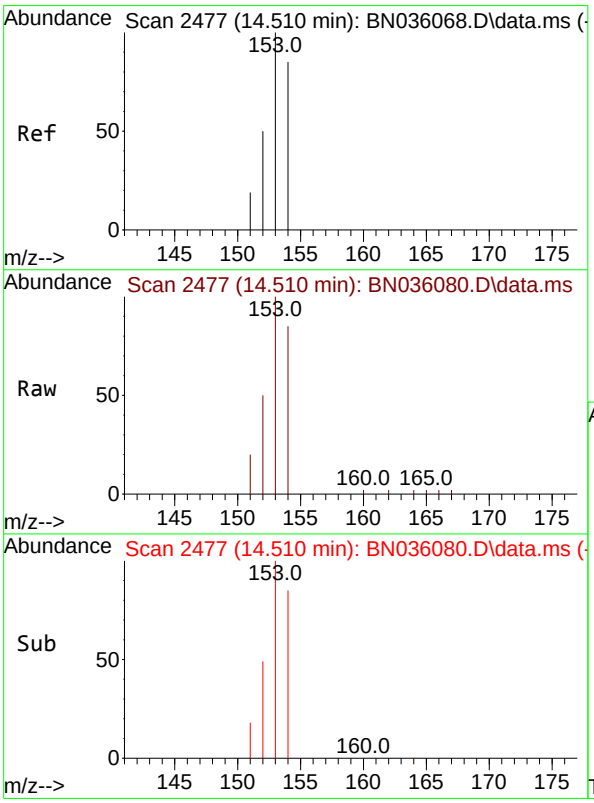
#10
Acenaphthylene
Concen: 0.330 ng/ul
RT: 14.168 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Instrument :
BNA_N
ClientSampleId :
E2959MS

Tgt Ion:152 Resp: 6260

Ion	Ratio	Lower	Upper
152	100		
151	21.3	17.4	26.2
153	14.2	11.9	17.9

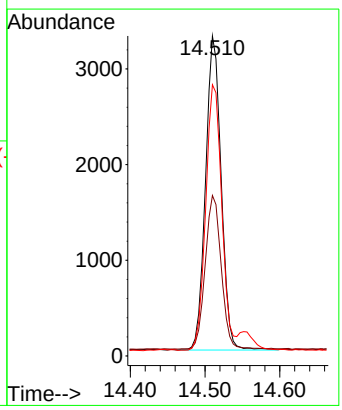


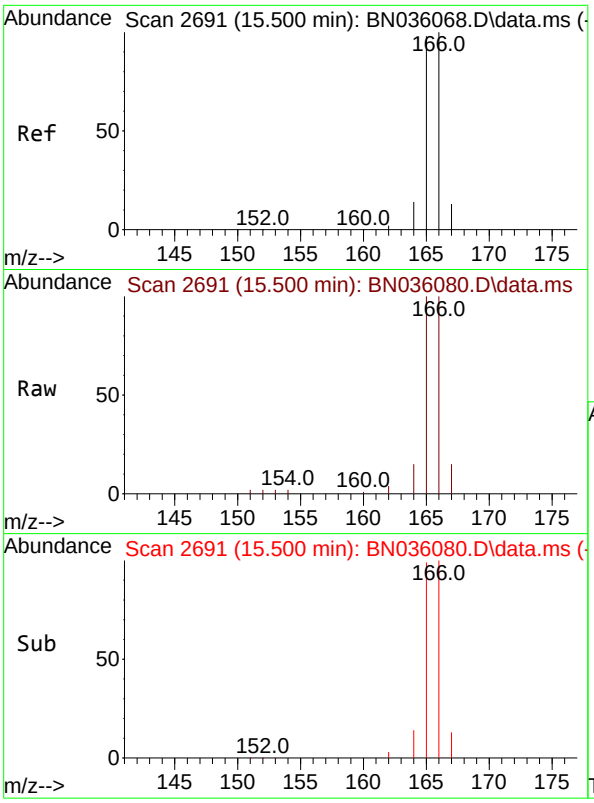


#11
Acenaphthene
Concen: 0.341 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Tgt Ion:153 Resp: 4763

Ion	Ratio	Lower	Upper
153	100		
152	50.2	43.2	64.8
154	84.8	70.5	105.7



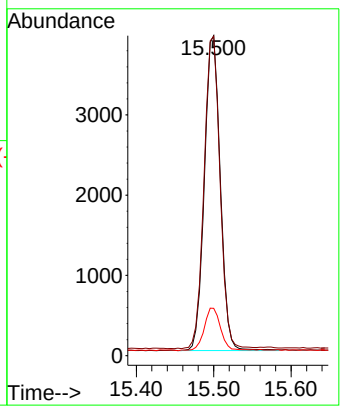


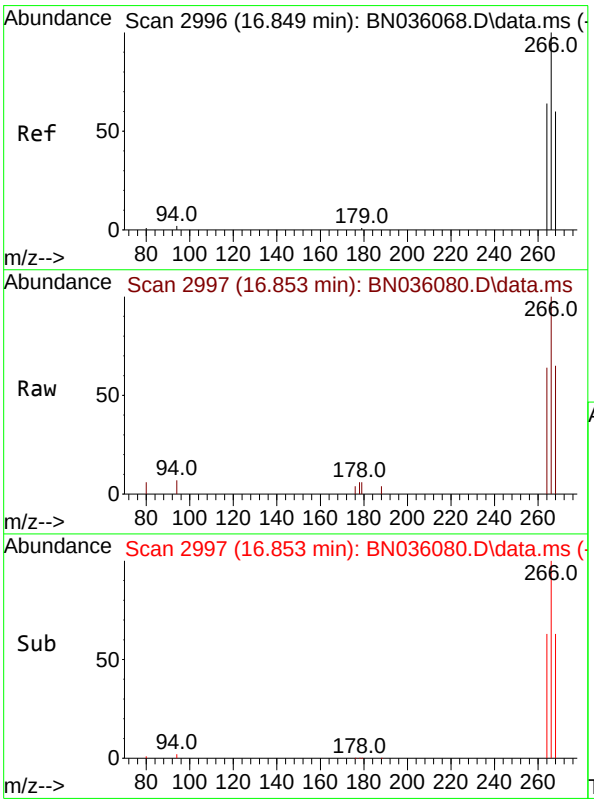
#12
Fluorene
Concen: 0.363 ng/ul
RT: 15.500 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Instrument :
BNA_N
ClientSampleId :
E2959MS

Tgt Ion:166 Resp: 5603

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.3	120.5
167	14.8	12.3	18.5

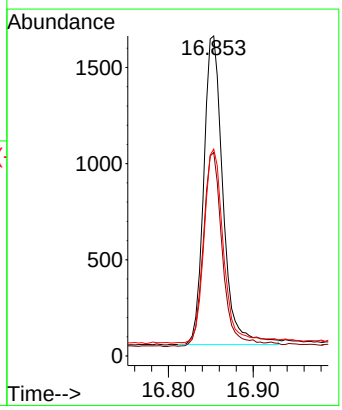


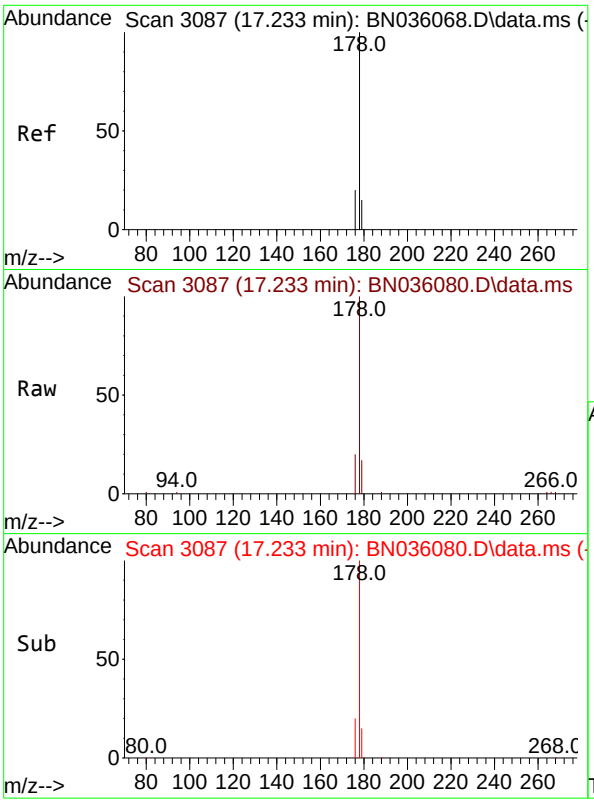


#14
Pentachlorophenol
Concen: 0.806 ng/ul
RT: 16.853 min Scan# 2997
Delta R.T. 0.013 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Tgt Ion:266 Resp: 2526

Ion	Ratio	Lower	Upper
266	100		
264	62.6	50.6	75.8
268	63.9	50.6	75.8



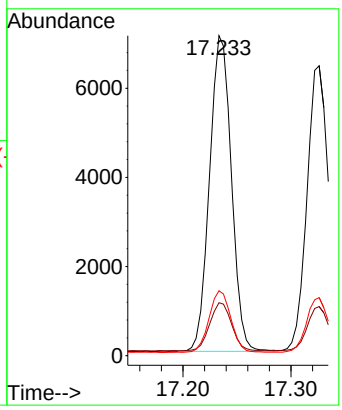


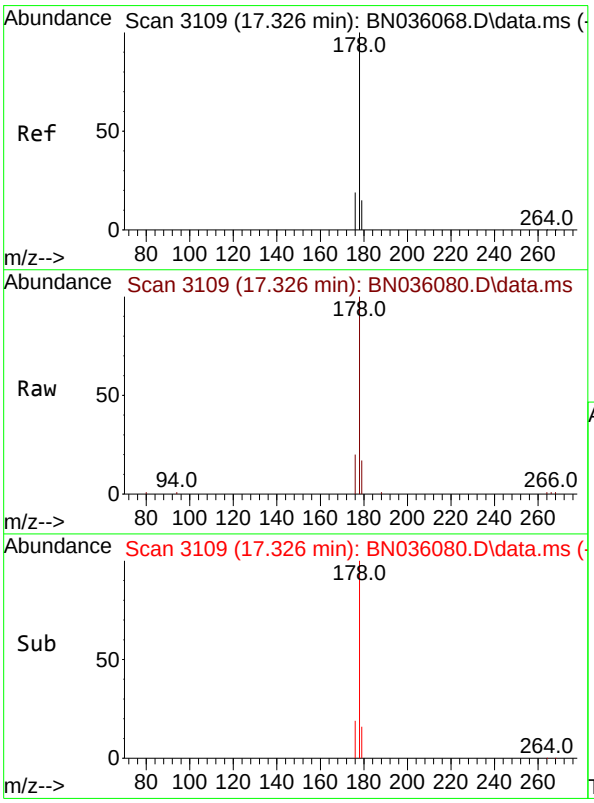
#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.233 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Instrument :
BNA_N
ClientSampleId :
E2959MS

Tgt Ion:178 Resp: 9950

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.2	19.8
176	20.3	16.8	25.2

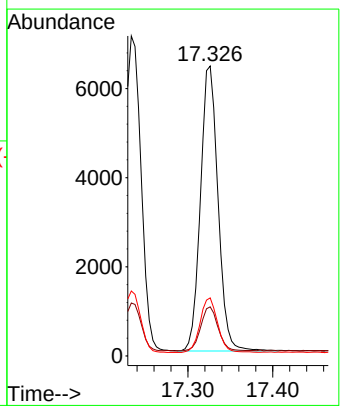


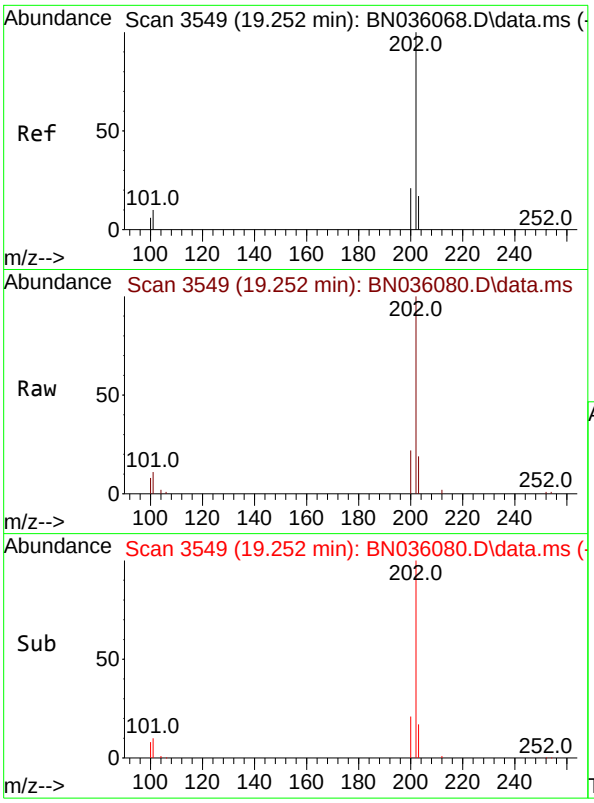


#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.326 min Scan# 3109
Delta R.T. 0.004 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Tgt Ion:178 Resp: 9200

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.0	19.4
176	20.1	15.9	23.9



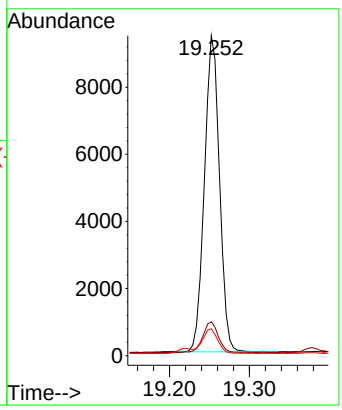


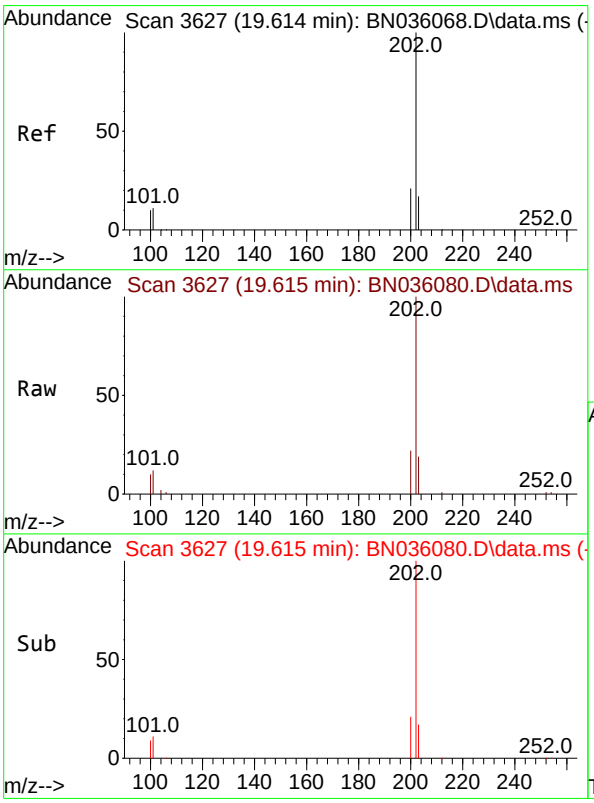
#19
Fluoranthene
Concen: 0.383 ng/ul
RT: 19.252 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Instrument :
BNA_N
ClientSampleId :
E2959MS

Tgt Ion:202 Resp: 12337

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
100	8.4	6.5	9.7

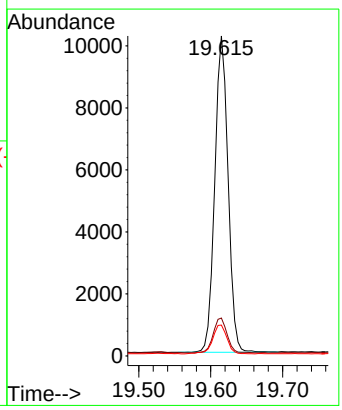


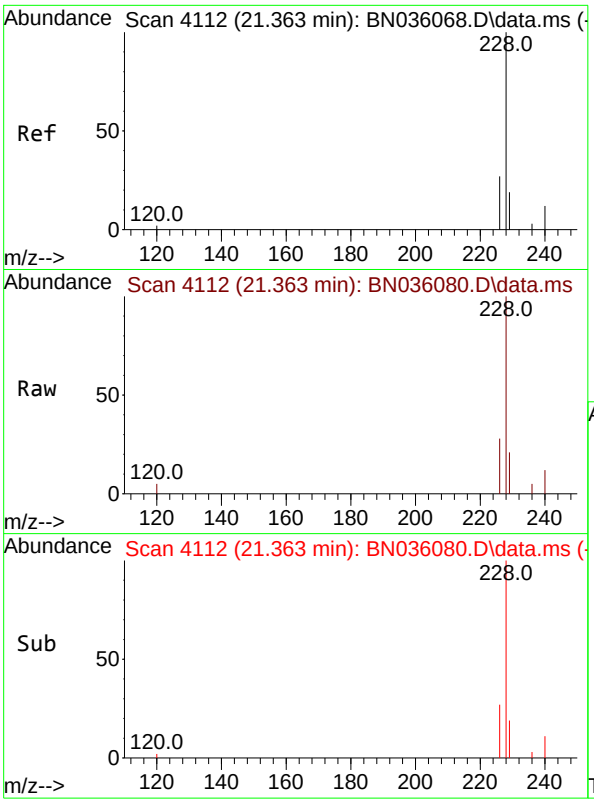


#20
Pyrene
Concen: 0.389 ng/ul
RT: 19.615 min Scan# 3627
Delta R.T. 0.005 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Tgt Ion:202 Resp: 13098

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.3	13.9
100	9.7	7.5	11.3



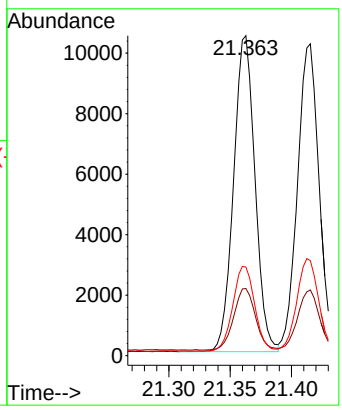


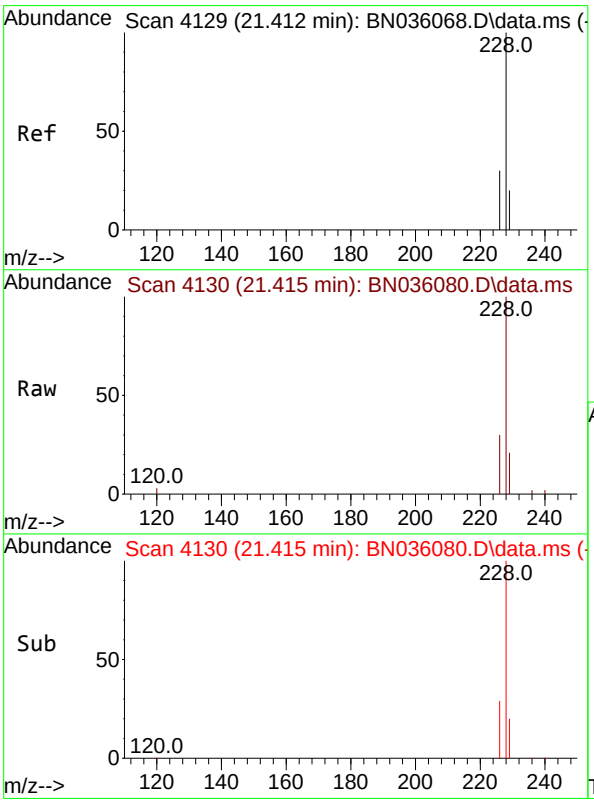
#21
Benzo(a)anthracene
Concen: 0.419 ng/ul
RT: 21.363 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Instrument :
BNA_N
ClientSampleId :
E2959MS

Tgt Ion:228 Resp: 12701

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.9	23.9
226	27.7	22.8	34.2

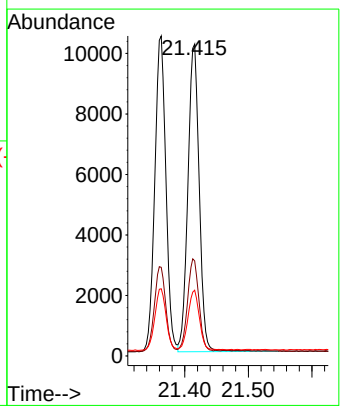


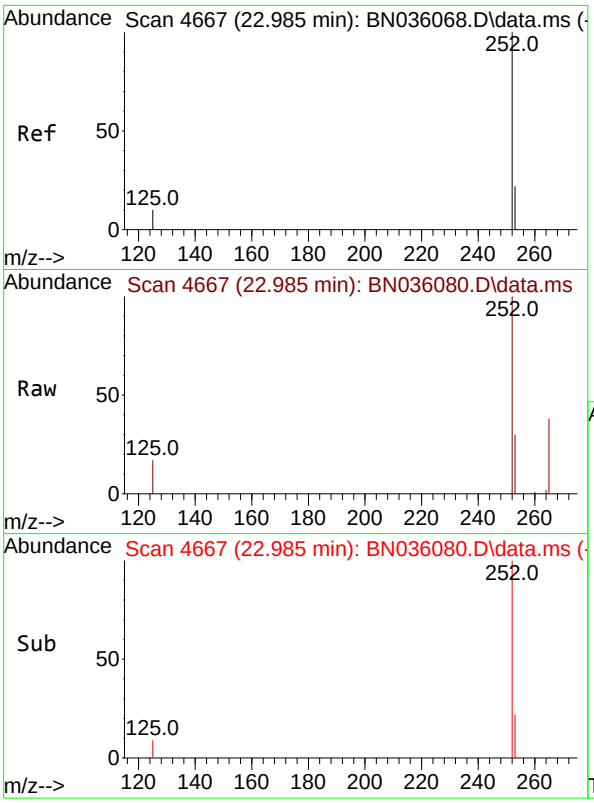


#22
Chrysene
Concen: 0.407 ng/ul
RT: 21.415 min Scan# 4130
Delta R.T. 0.009 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Tgt Ion:228 Resp: 12602

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	21.1	15.9	23.9



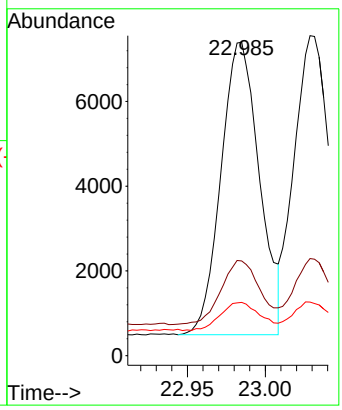


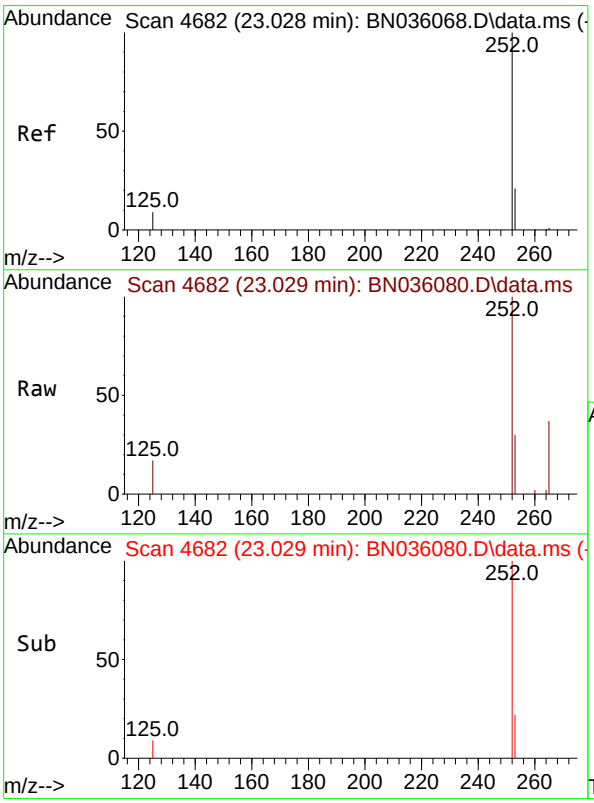
#24
Benzo(b)fluoranthene
Concen: 0.446 ng/ul
RT: 22.985 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Instrument :
BNA_N
ClientSampleId :
E2959MS

Tgt Ion:252 Resp: 11848

Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	51.2
125	17.0	0.0	27.8

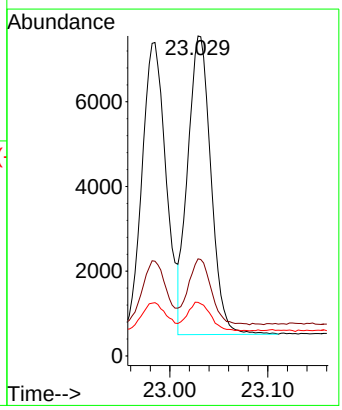


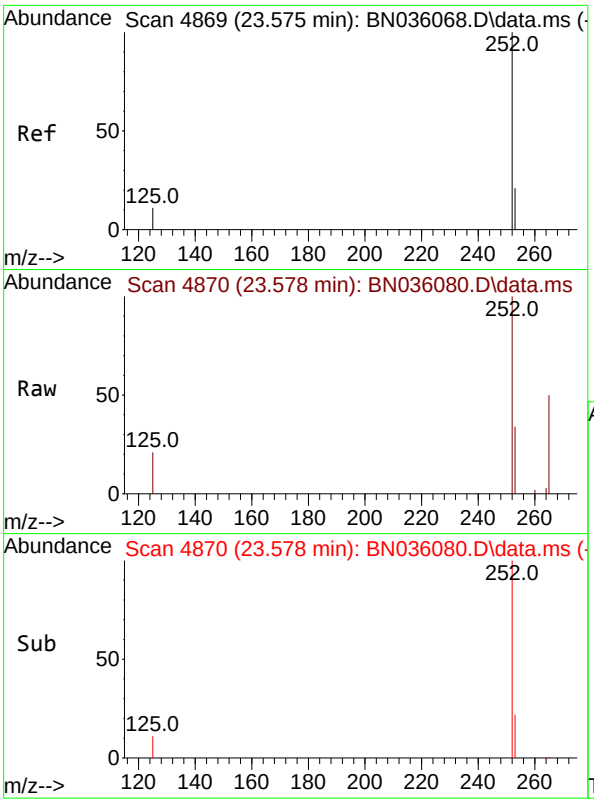


#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 23.029 min Scan# 4682
Delta R.T. 0.009 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Tgt Ion:252 Resp: 11575

Ion	Ratio	Lower	Upper
252	100		
253	30.4	20.2	30.4
125	16.7	10.6	16.0#



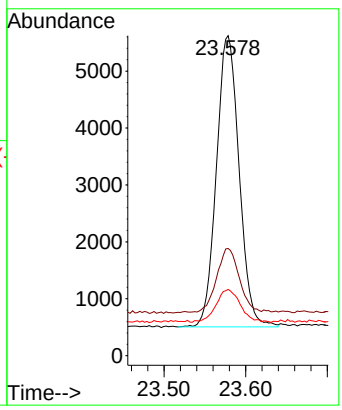


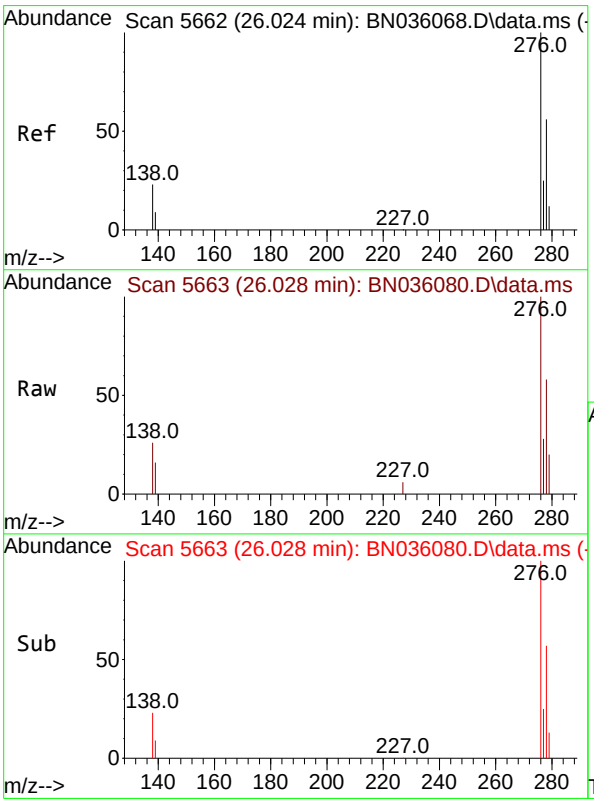
#26
Benzo(a)pyrene
Concen: 0.413 ng/ul
RT: 23.578 min Scan# 4
Delta R.T. 0.015 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Instrument :
BNA_N
ClientSampleId :
E2959MS

Tgt Ion:252 Resp: 9902

Ion	Ratio	Lower	Upper
252	100		
253	33.5	22.2	33.4#
125	20.7	13.1	19.7#

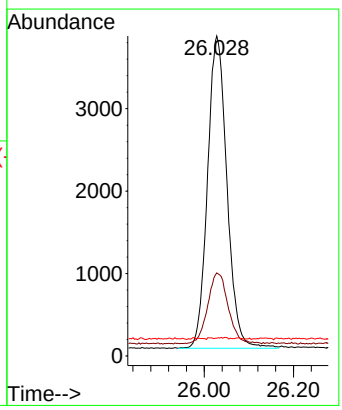


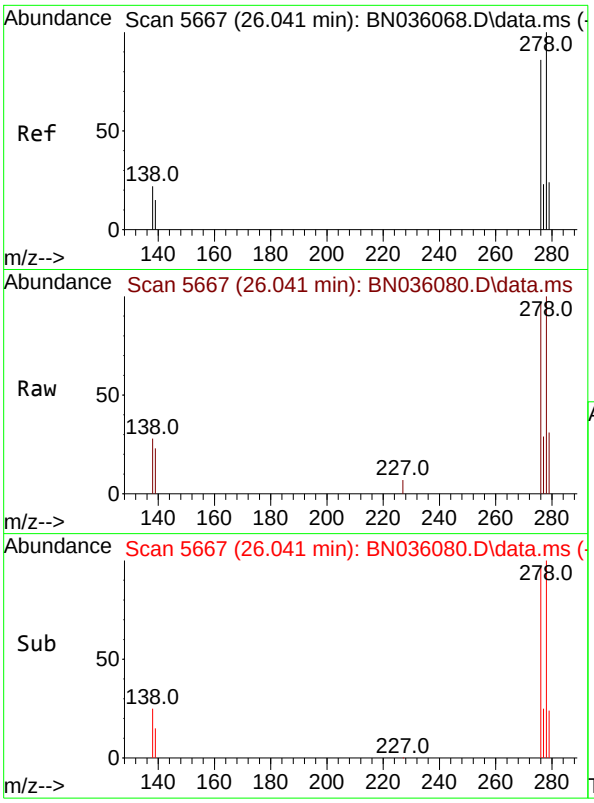


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.361 ng/ul
RT: 26.028 min Scan# 5663
Delta R.T. 0.024 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Tgt Ion:276 Resp: 11465

Ion	Ratio	Lower	Upper
276	100		
138	24.0	20.2	30.4
227	0.0	0.1	0.1#



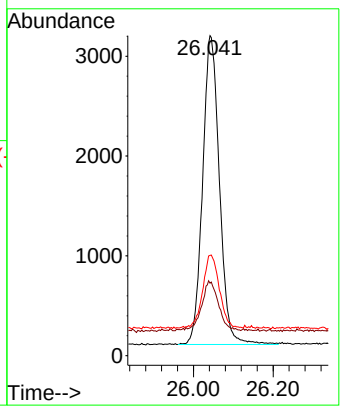


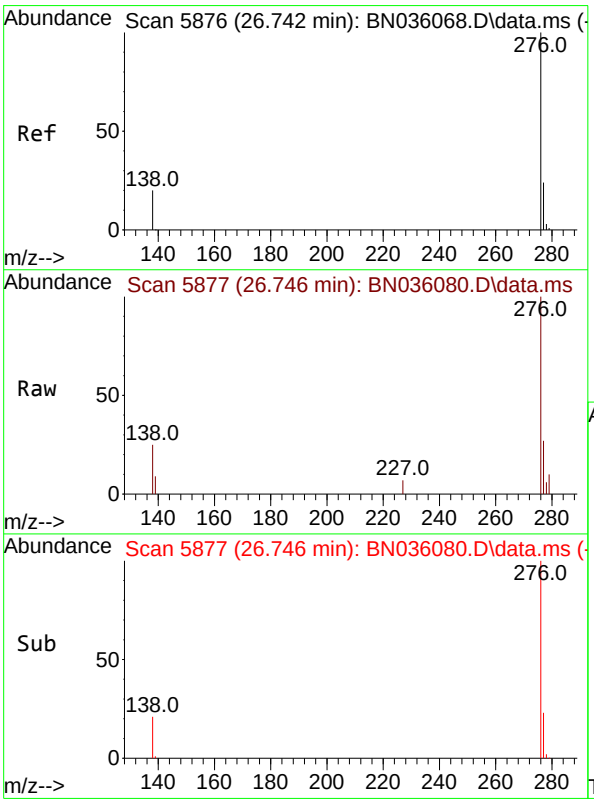
#28
Dibenzo(a,h)anthracene
Concen: 0.371 ng/ul
RT: 26.041 min Scan# 5
Delta R.T. 0.020 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Instrument :
BNA_N
ClientSampleId :
E2959MS

Tgt Ion:278 Resp: 9063

Ion	Ratio	Lower	Upper
278	100		
139	22.6	15.4	23.2
279	31.4	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 0.357 ng/ul
RT: 26.746 min Scan# 5877
Delta R.T. 0.027 min
Lab File: BN036080.D
Acq: 28 Jan 2025 19:05

Tgt Ion:276 Resp: 8810

Ion	Ratio	Lower	Upper
276	100		
138	25.4	19.4	29.0
277	27.3	21.1	31.7