Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036108.D
Acq On : 29 Jan 2025 13:43
Operator : RC/JU
Sample : Q1184-11MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Quant Time: Jan 29 14:32:54 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

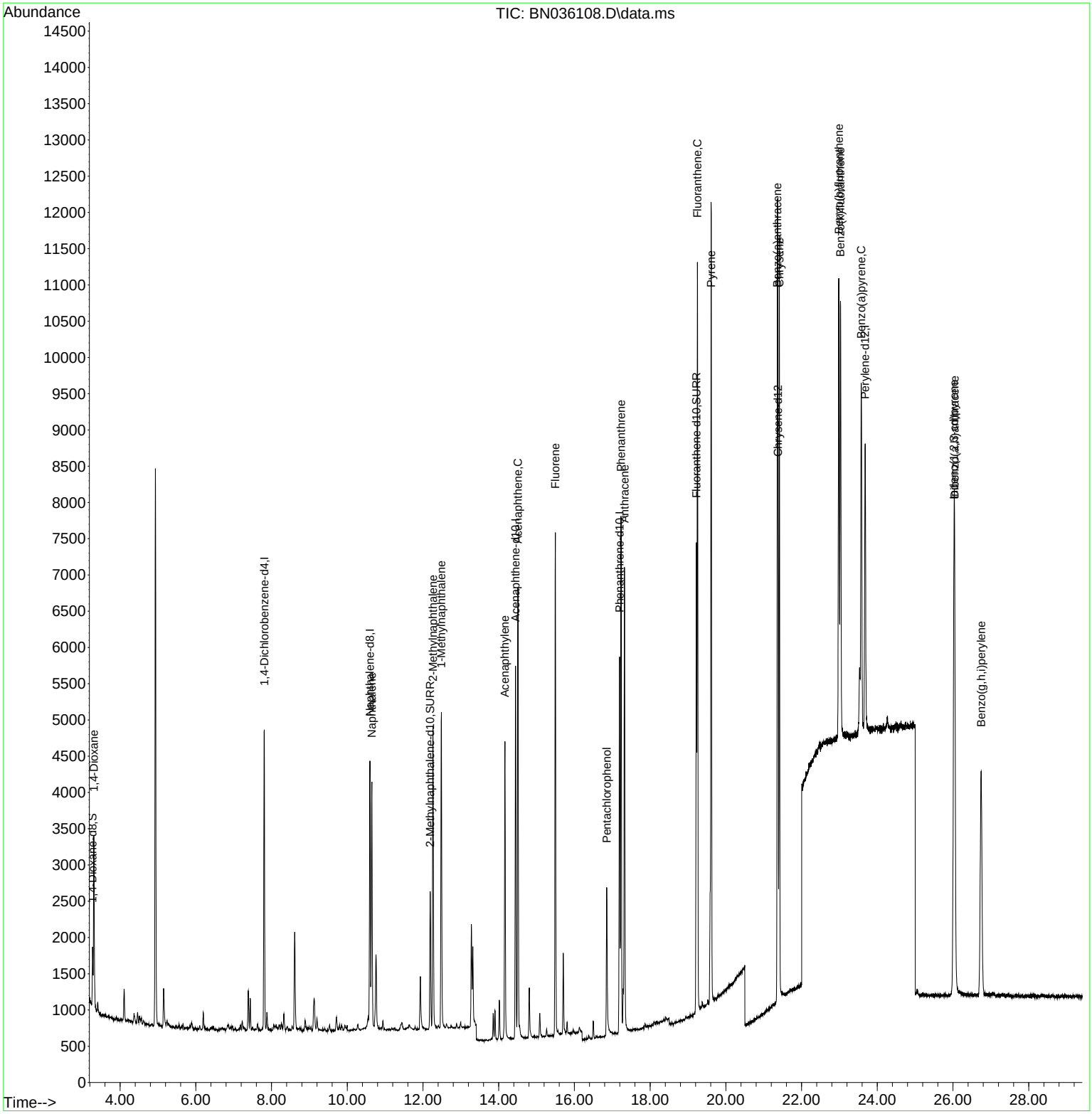
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.807	152	2023	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	4788	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.446	164	2874	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	6336	0.400	ng/ul	0.00
17) Chrysene-d12	21.379	240	5370	0.400	ng/ul	# 0.00
23) Perylene-d12	23.680	264	5204	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	551	0.249	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.189	152	2477	0.410	ng/ul	-0.01
18) Fluoranthene-d10	19.221	212	7432	0.504	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.305	88	1558	0.659	ng/ul	96
5) Naphthalene	10.649	128	4509	0.342	ng/ul	98
7) 2-Methylnaphthalene	12.266	142	2922	0.357	ng/ul	98
8) 1-Methylnaphthalene	12.486	142	2976	0.358	ng/ul	100
10) Acenaphthylene	14.164	152	4701	0.347	ng/ul	100
11) Acenaphthene	14.506	153	3625	0.364	ng/ul	99
12) Fluorene	15.496	166	4321	0.392	ng/ul	97
14) Pentachlorophenol	16.854	266	1585	0.714	ng/ul	99
15) Phenanthrene	17.230	178	7550	0.407	ng/ul	99
16) Anthracene	17.323	178	6913	0.401	ng/ul	99
19) Fluoranthene	19.248	202	8931	0.438	ng/ul	100
20) Pyrene	19.616	202	9545	0.448	ng/ul	100
21) Benzo(a)anthracene	21.362	228	8557	0.446	ng/ul	98
22) Chrysene	21.412	228	8568	0.438	ng/ul	95
24) Benzo(b)fluoranthene	22.984	252	8103	0.467	ng/ul	85
25) Benzo(k)fluoranthene	23.028	252	7800	0.427	ng/ul#	84
26) Benzo(a)pyrene	23.575	252	7011	0.447	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.024	276	8871	0.428	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.044	278	7036	0.440	ng/ul#	89
29) Benzo(g,h,i)perylene	26.745	276	7021	0.436	ng/ul	96

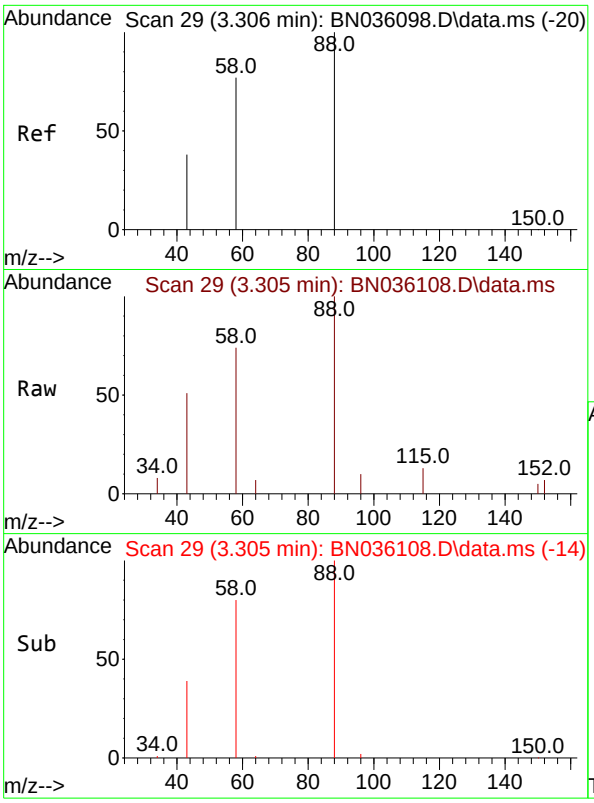
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036108.D
Acq On : 29 Jan 2025 13:43
Operator : RC/JU
Sample : Q1184-11MSD
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Quant Time: Jan 29 14:32:54 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



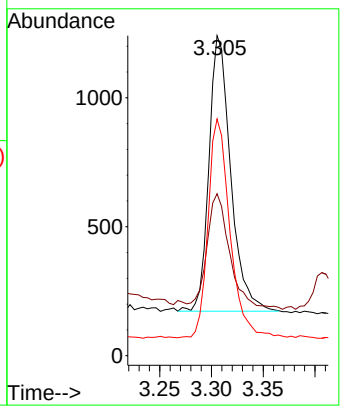


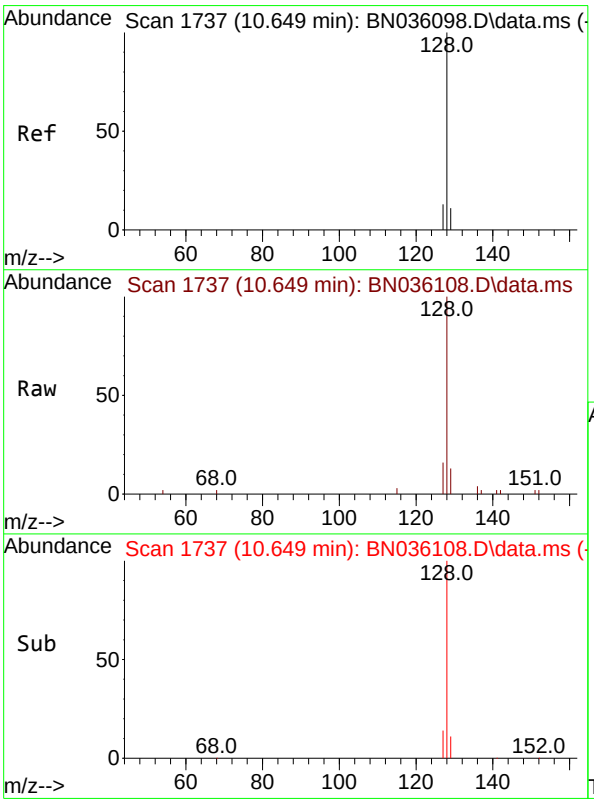
#2
1,4-Dioxane
Concen: 0.659 ng/ul
RT: 3.305 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion: 88 Resp: 1558

Ion	Ratio	Lower	Upper
88	100		
43	50.6	40.7	61.1
58	74.0	55.2	82.8

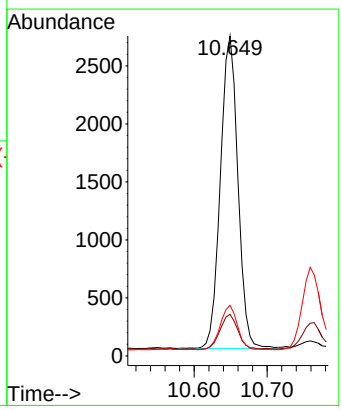


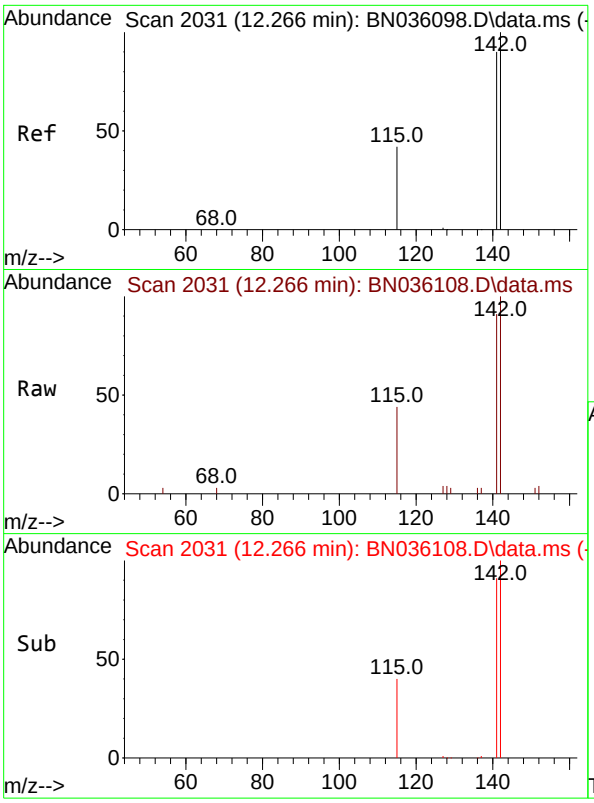


#5
Naphthalene
Concen: 0.342 ng/ul
RT: 10.649 min Scan# 1737
Delta R.T. -0.006 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Tgt Ion:128 Resp: 4509

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.6	14.4
127	15.8	12.0	18.0



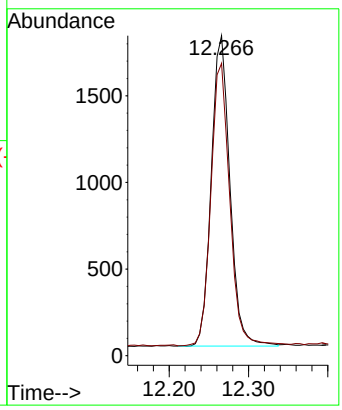


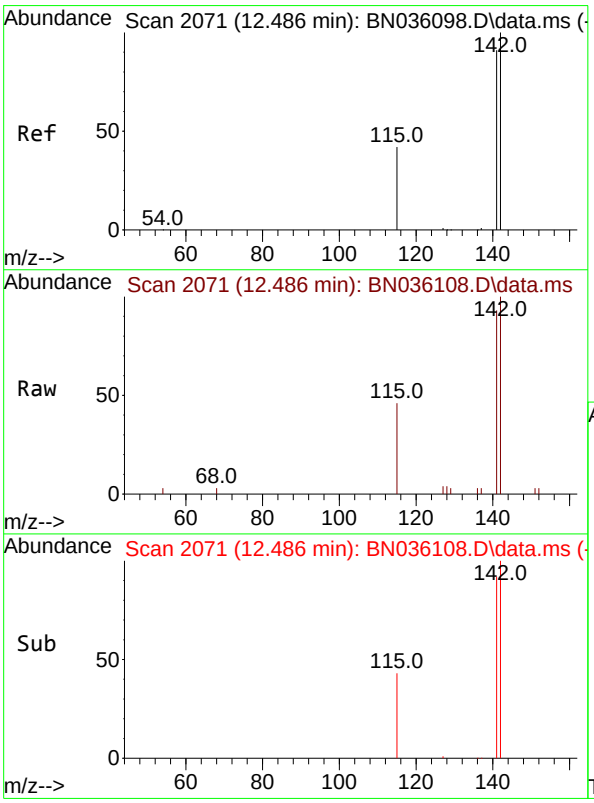
#7
2-Methylnaphthalene
Concen: 0.357 ng/ul
RT: 12.266 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:142 Resp: 2922

Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.9	107.9

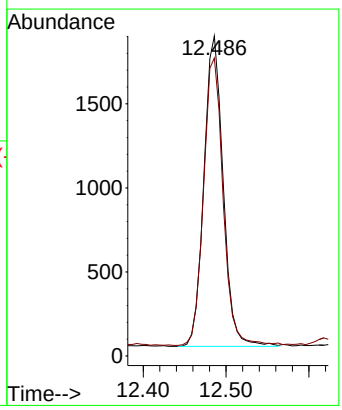


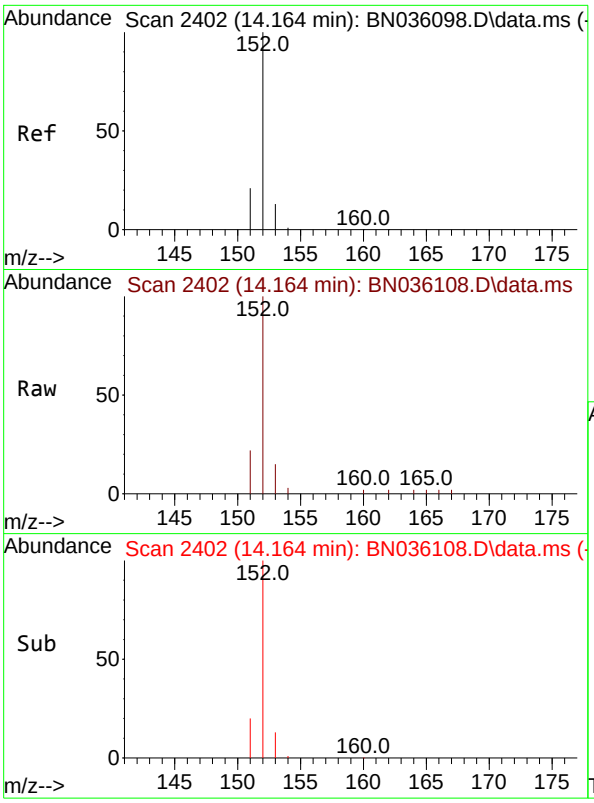


#8
1-Methylnaphthalene
Concen: 0.358 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Tgt Ion:142 Resp: 2976

Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.2	112.8



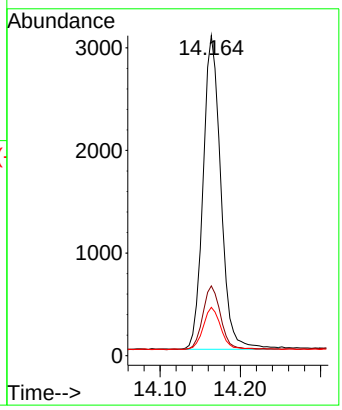


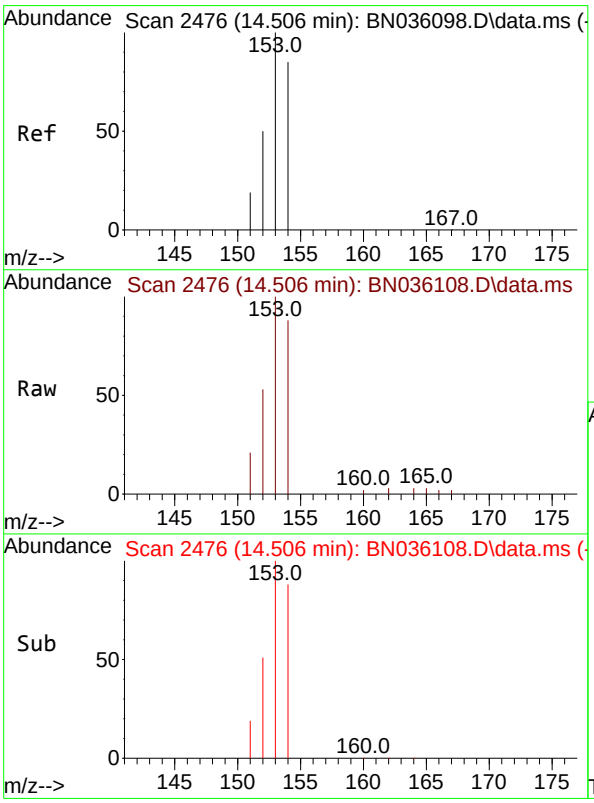
#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 14.164 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:152 Resp: 4701

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.4	26.2
153	15.1	11.9	17.9

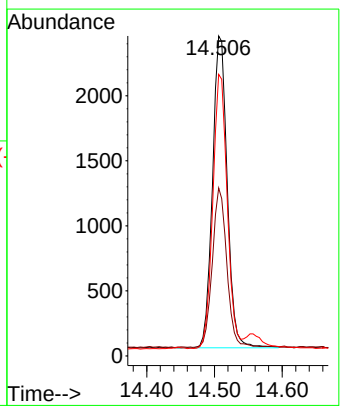


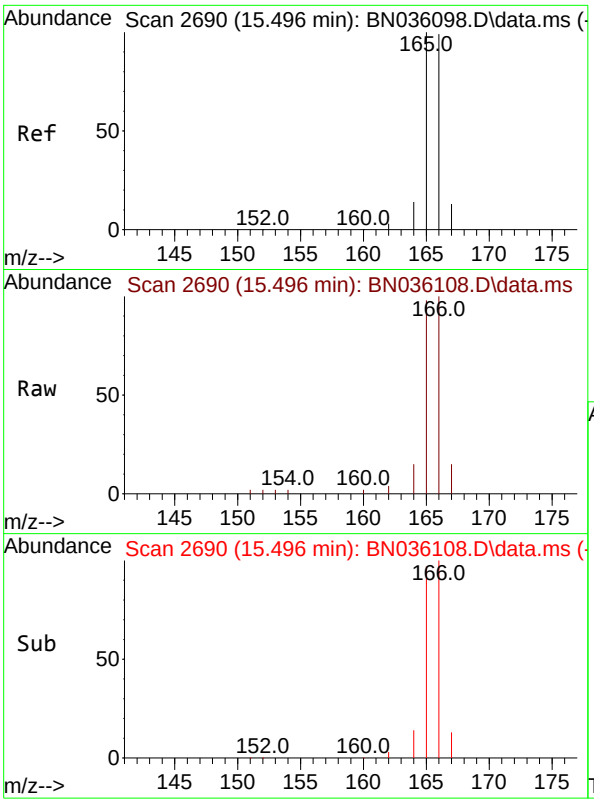


#11
Acenaphthene
Concen: 0.364 ng/ul
RT: 14.506 min Scan# 2476
Delta R.T. -0.009 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Tgt Ion:153 Resp: 3625

Ion	Ratio	Lower	Upper
153	100		
152	52.5	43.2	64.8
154	88.0	70.5	105.7



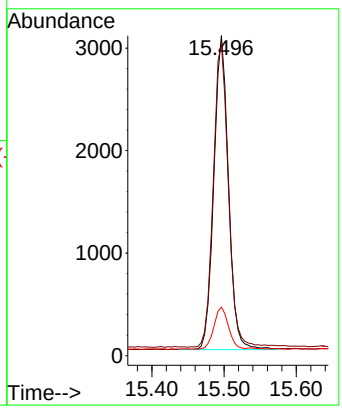


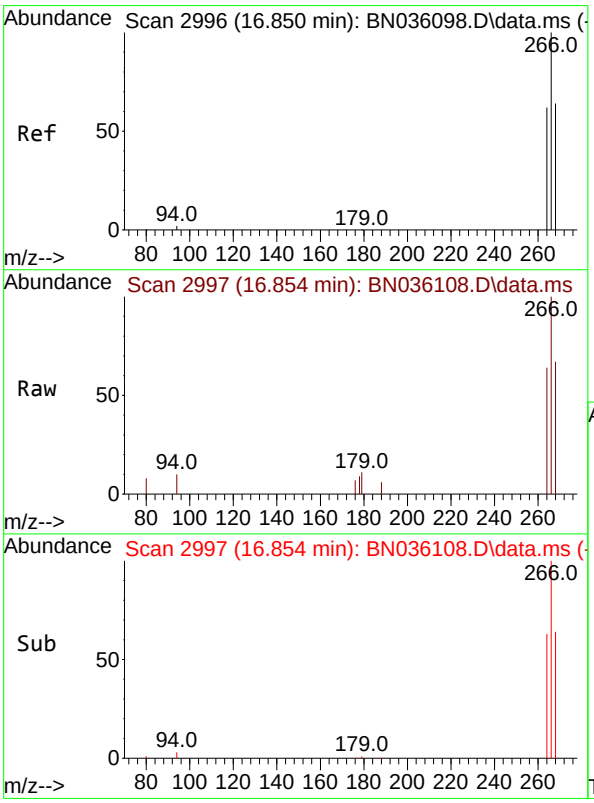
#12
Fluorene
Concen: 0.392 ng/ul
RT: 15.496 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:166 Resp: 4321

Ion	Ratio	Lower	Upper
166	100		
165	97.6	80.3	120.5
167	15.2	12.3	18.5

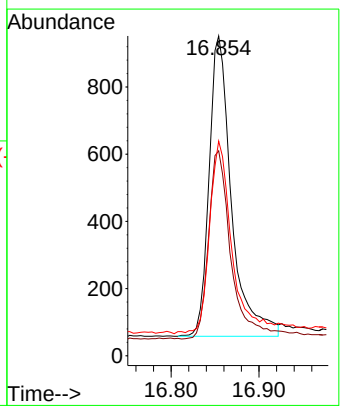


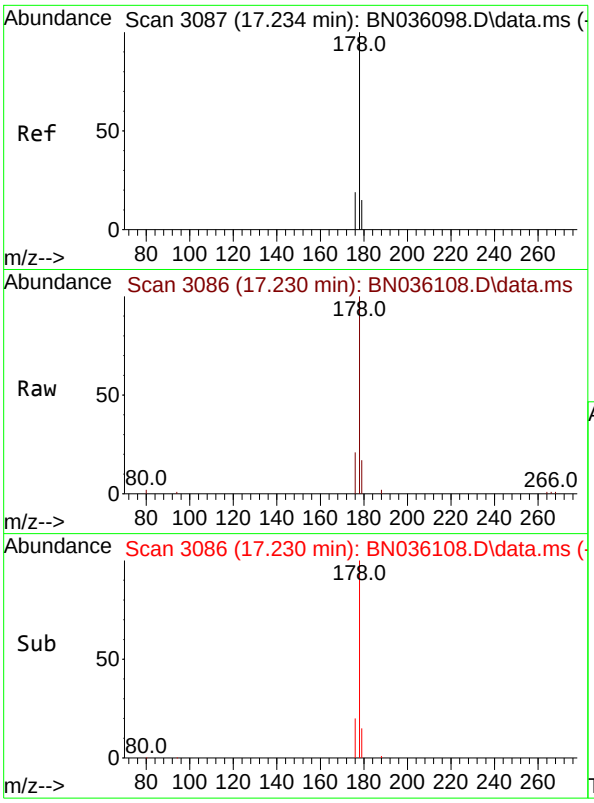


#14
Pentachlorophenol
Concen: 0.714 ng/ul
RT: 16.854 min Scan# 2997
Delta R.T. 0.013 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Tgt Ion:266 Resp: 1585

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.6	75.8
268	64.8	50.6	75.8



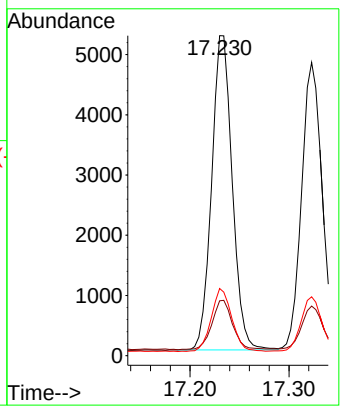


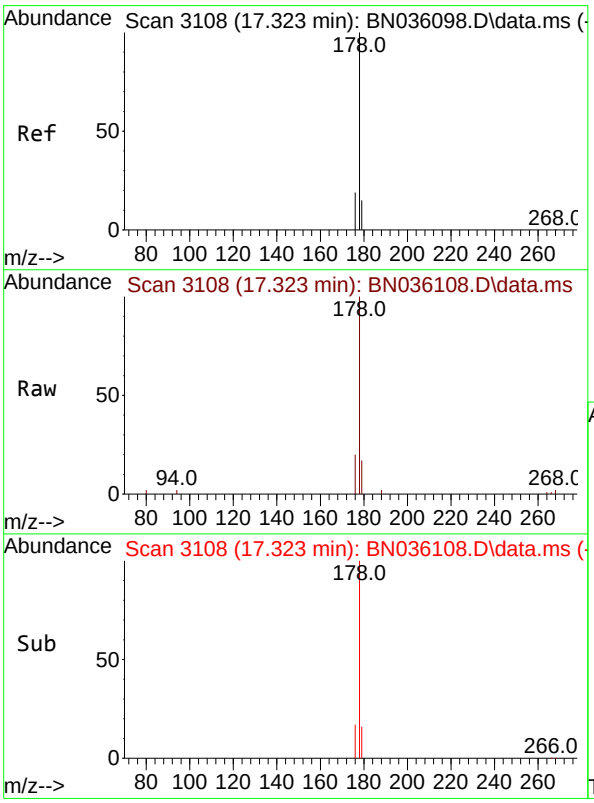
#15
Phenanthrene
Concen: 0.407 ng/ul
RT: 17.230 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:178 Resp: 7550

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.2	19.8
176	21.0	16.8	25.2

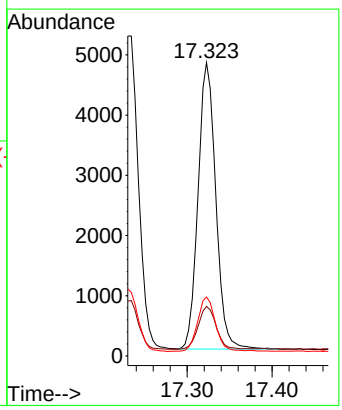


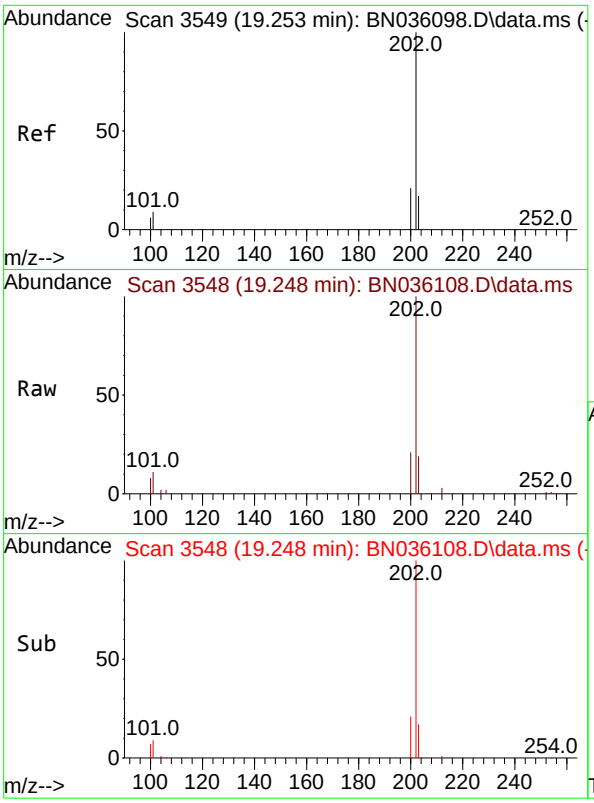


#16
Anthracene
Concen: 0.401 ng/ul
RT: 17.323 min Scan# 3108
Delta R.T. 0.001 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Tgt Ion:178 Resp: 6913

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.0	19.4
176	20.1	15.9	23.9



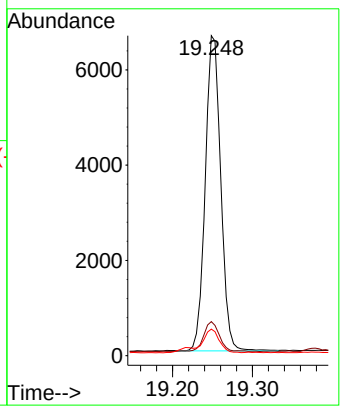


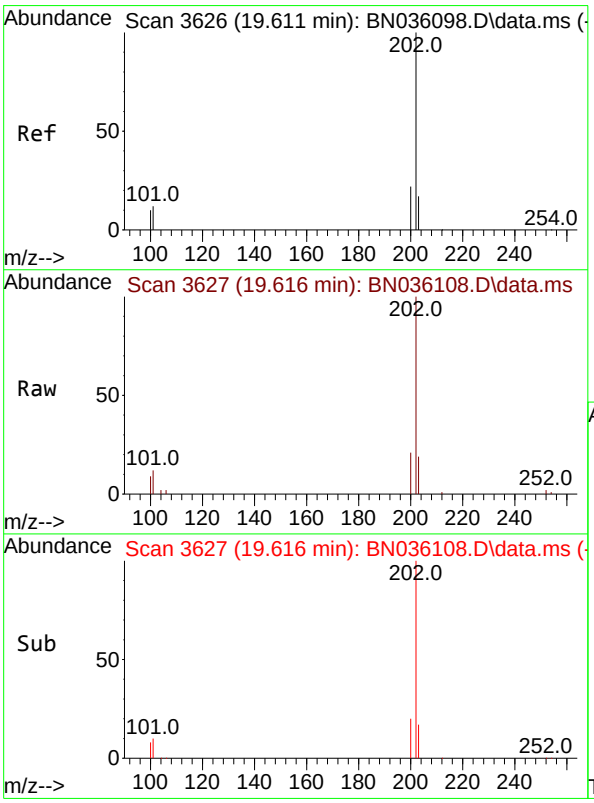
#19
Fluoranthene
Concen: 0.438 ng/ul
RT: 19.248 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:202 Resp: 8931

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
100	8.3	6.5	9.7

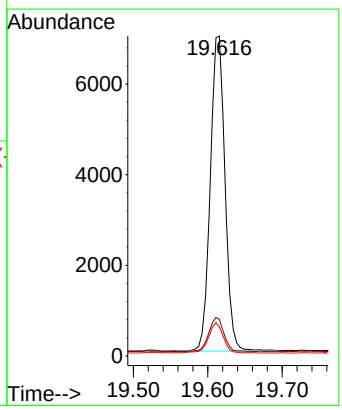


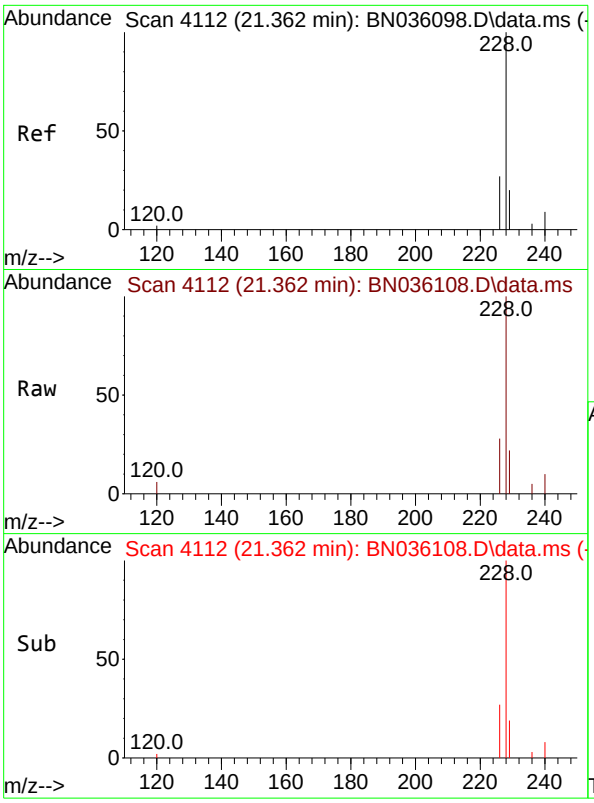


#20
Pyrene
Concen: 0.448 ng/ul
RT: 19.616 min Scan# 3627
Delta R.T. 0.006 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Tgt Ion:202 Resp: 9545

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.3	13.9
100	9.1	7.5	11.3



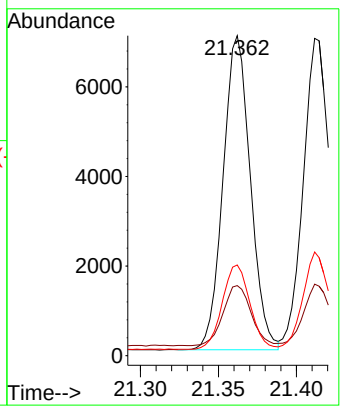


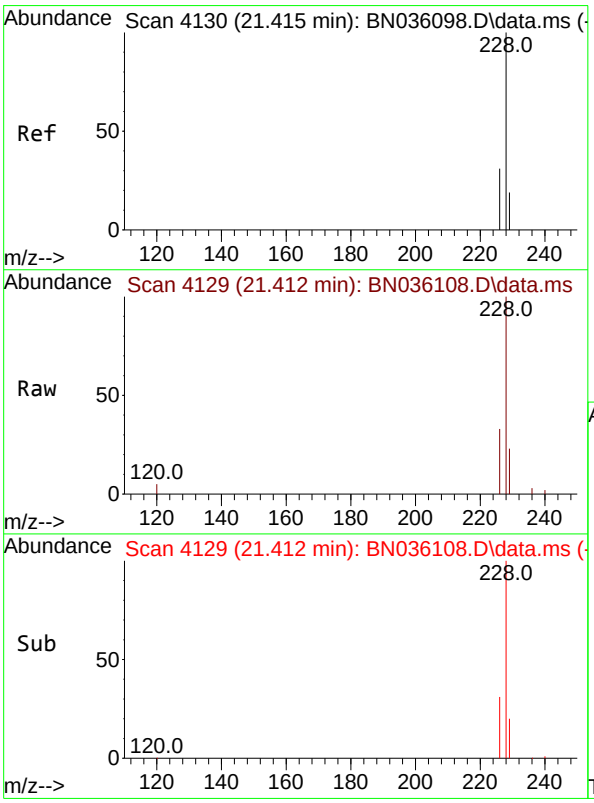
#21
Benzo(a)anthracene
Concen: 0.446 ng/ul
RT: 21.362 min Scan# 4
Delta R.T. 0.008 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:228 Resp: 8557

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.9	23.9
226	28.4	22.8	34.2

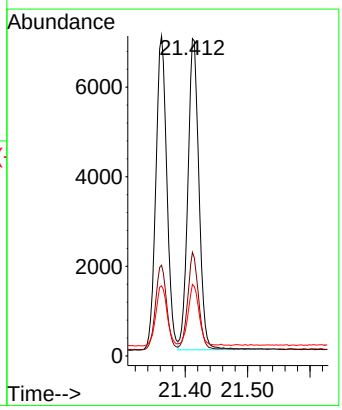


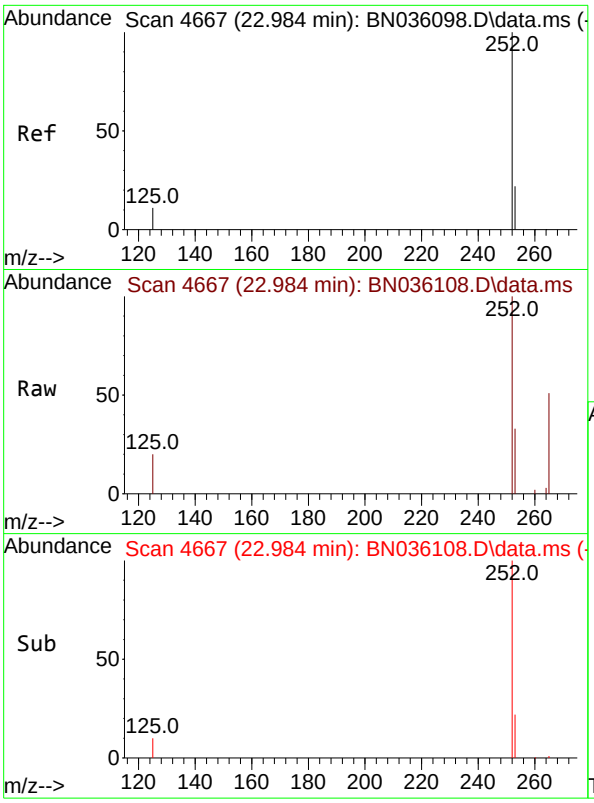


#22
Chrysene
Concen: 0.438 ng/ul
RT: 21.412 min Scan# 4129
Delta R.T. 0.005 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Tgt Ion:228 Resp: 8568

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.4	36.6
229	22.5	15.9	23.9



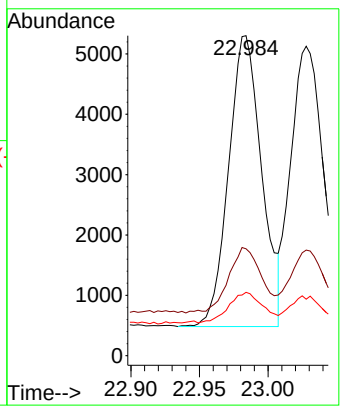


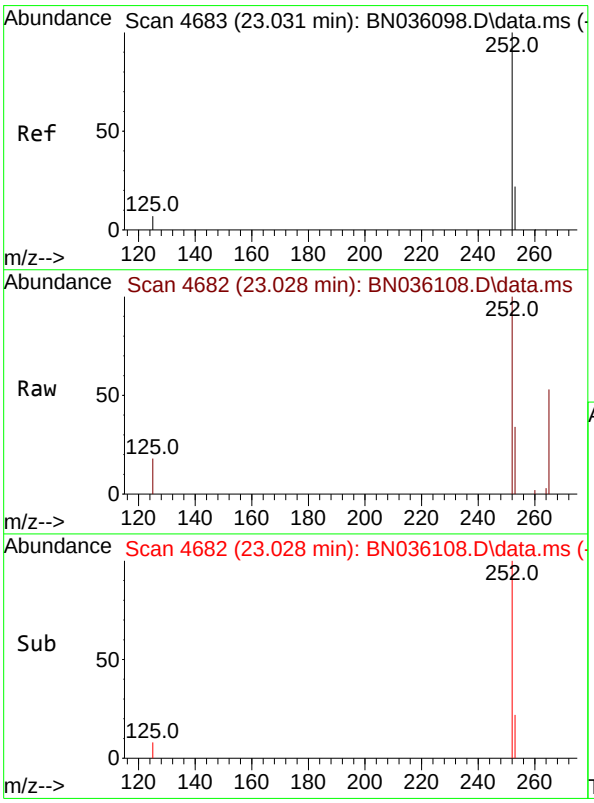
#24
Benzo(b)fluoranthene
Concen: 0.467 ng/ul
RT: 22.984 min Scan# 4
Delta R.T. 0.011 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:252 Resp: 8103

Ion	Ratio	Lower	Upper
252	100		
253	33.4	0.0	51.2
125	19.8	0.0	27.8

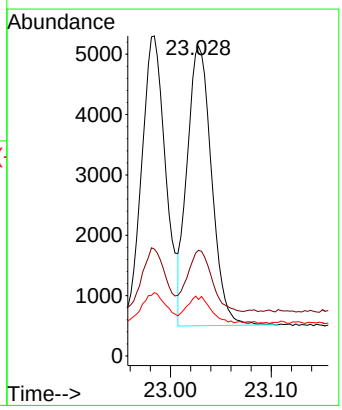


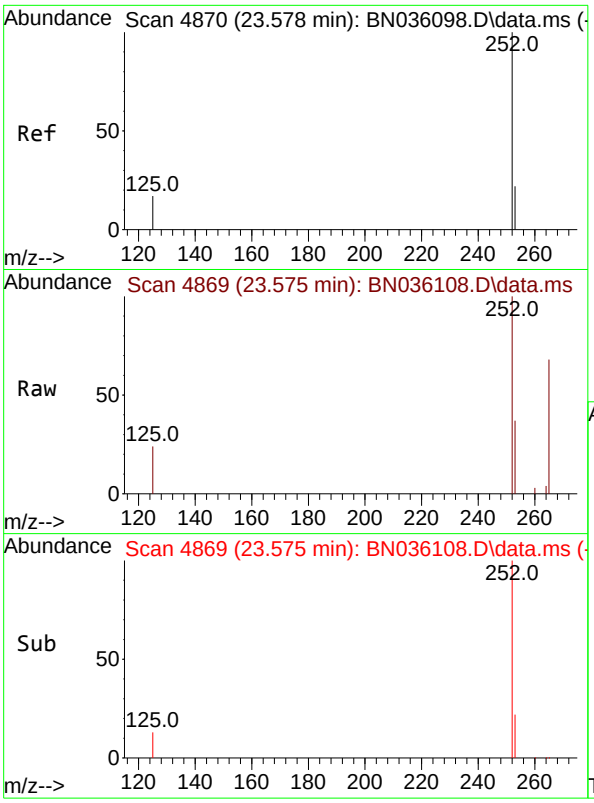


#25
Benzo(k)fluoranthene
Concen: 0.427 ng/ul
RT: 23.028 min Scan# 4682
Delta R.T. 0.008 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Tgt Ion:252 Resp: 7800

Ion	Ratio	Lower	Upper
252	100		
253	34.1	20.2	30.4#
125	18.2	10.6	16.0#



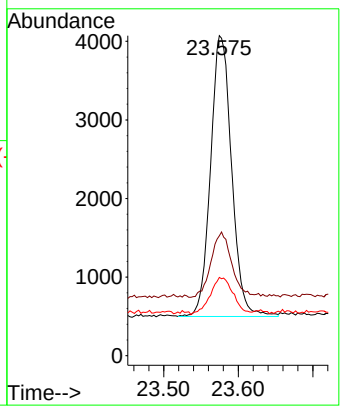


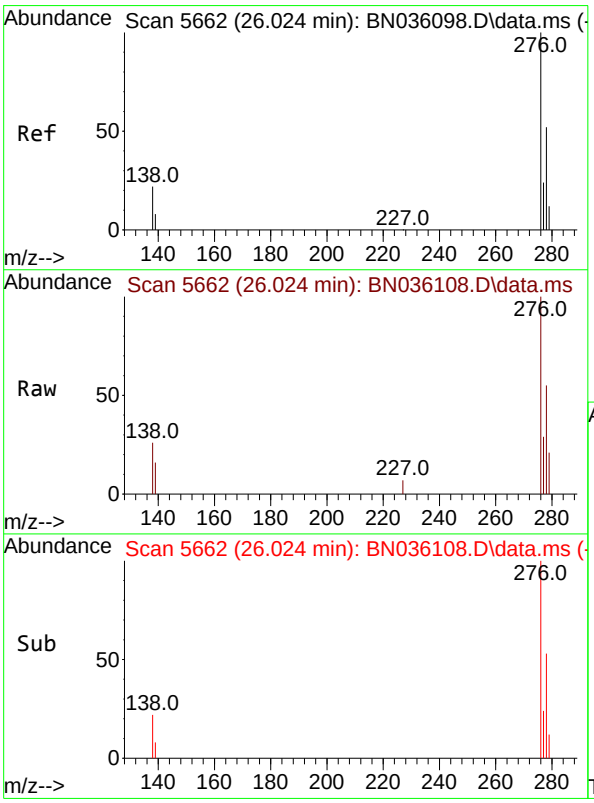
#26
Benzo(a)pyrene
Concen: 0.447 ng/ul
RT: 23.575 min Scan# 4
Delta R.T. 0.011 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:252 Resp: 7011

Ion	Ratio	Lower	Upper
252	100		
253	37.5	22.2	33.4#
125	24.4	13.1	19.7#

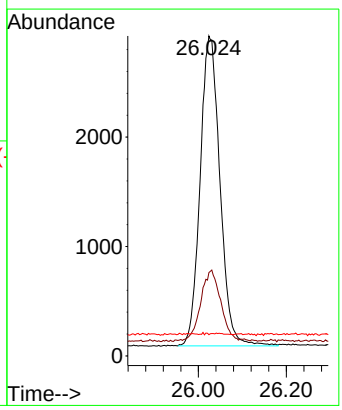


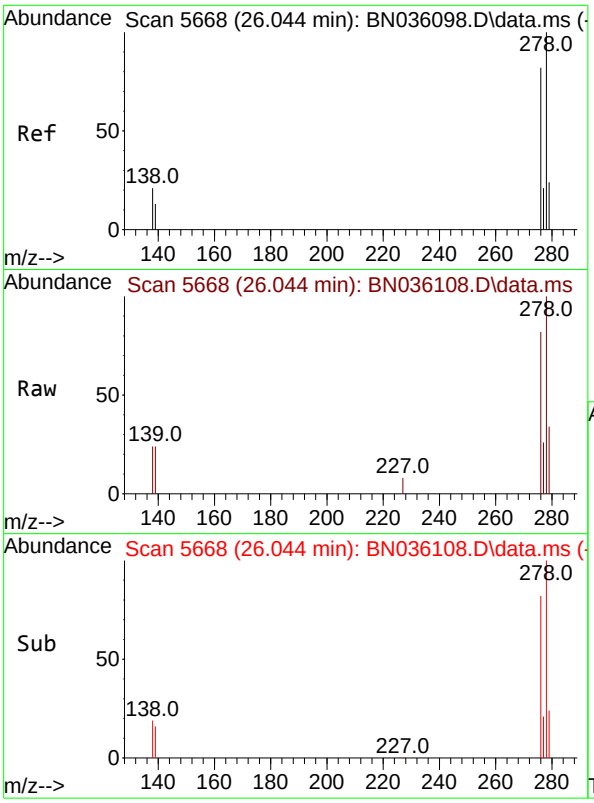


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.428 ng/ul
RT: 26.024 min Scan# 5662
Delta R.T. 0.020 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Tgt Ion:276 Resp: 8871

Ion	Ratio	Lower	Upper
276	100		
138	22.4	20.2	30.4
227	0.3	0.1	0.1#



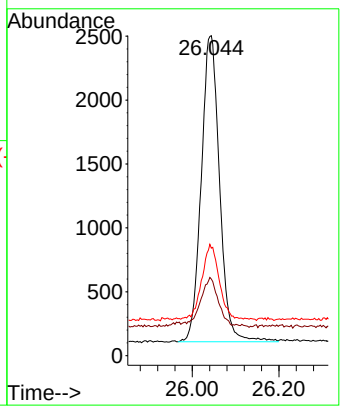


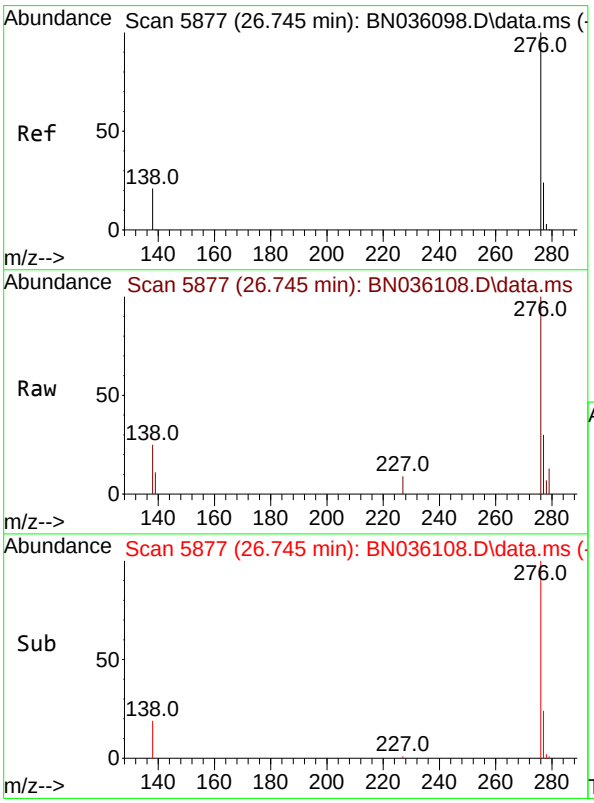
#28
Dibenzo(a,h)anthracene
Concen: 0.440 ng/ul
RT: 26.044 min Scan# 5
Delta R.T. 0.023 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:278 Resp: 7036

Ion	Ratio	Lower	Upper
278	100		
139	24.0	15.4	23.2#
279	33.6	22.2	33.4#





#29
Benzo(g,h,i)perylene
Concen: 0.436 ng/ul
RT: 26.745 min Scan# 5877
Delta R.T. 0.026 min
Lab File: BN036108.D
Acq: 29 Jan 2025 13:43

Tgt Ion:276 Resp: 7021

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.4	29.0
277	29.9	21.1	31.7