Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036081.D
Acq On : 28 Jan 2025 19:41
Operator : RC/JU
Sample : Q1184-11MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Quant Time: Jan 29 08:18:40 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	7.808	152	2384	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	5618	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	3395	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.195	188	7366	0.400	ng/ul	0.00
17) Chrysene-d12	21.377	240	6775	0.400	ng/ul	# 0.00
23) Perylene-d12	23.680	264	6225	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	675	0.259	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	3373	0.476	ng/ul	0.00
18) Fluoranthene-d10	19.224	212	10310	0.554	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.306	88	2142	0.769	ng/ul	93
5) Naphthalene	10.649	128	6119	0.395	ng/ul	99
7) 2-Methylnaphthalene	12.266	142	4013	0.417	ng/ul	100
8) 1-Methylnaphthalene	12.486	142	4097	0.420	ng/ul	100
10) Acenaphthylene	14.168	152	6471	0.404	ng/ul	99
11) Acenaphthene	14.510	153	4930	0.419	ng/ul	97
12) Fluorene	15.500	166	5810	0.447	ng/ul	99
14) Pentachlorophenol	16.853	266	2530	0.980	ng/ul	98
15) Phenanthrene	17.233	178	10174	0.472	ng/ul	99
16) Anthracene	17.326	178	9362	0.467	ng/ul	99
19) Fluoranthene	19.252	202	12461	0.484	ng/ul	99
20) Pyrene	19.614	202	13283	0.494	ng/ul	99
21) Benzo(a)anthracene	21.360	228	12433	0.514	ng/ul	99
22) Chrysene	21.412	228	12488	0.505	ng/ul	99
24) Benzo(b)fluoranthene	22.982	252	11400	0.549	ng/ul	91
25) Benzo(k)fluoranthene	23.028	252	11535	0.528	ng/ul#	92
26) Benzo(a)pyrene	23.575	252	9692	0.517	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.028	276	11328	0.457	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.041	278	8961	0.469	ng/ul	94
29) Benzo(g,h,i)perylene	26.745	276	8845	0.459	ng/ul	99

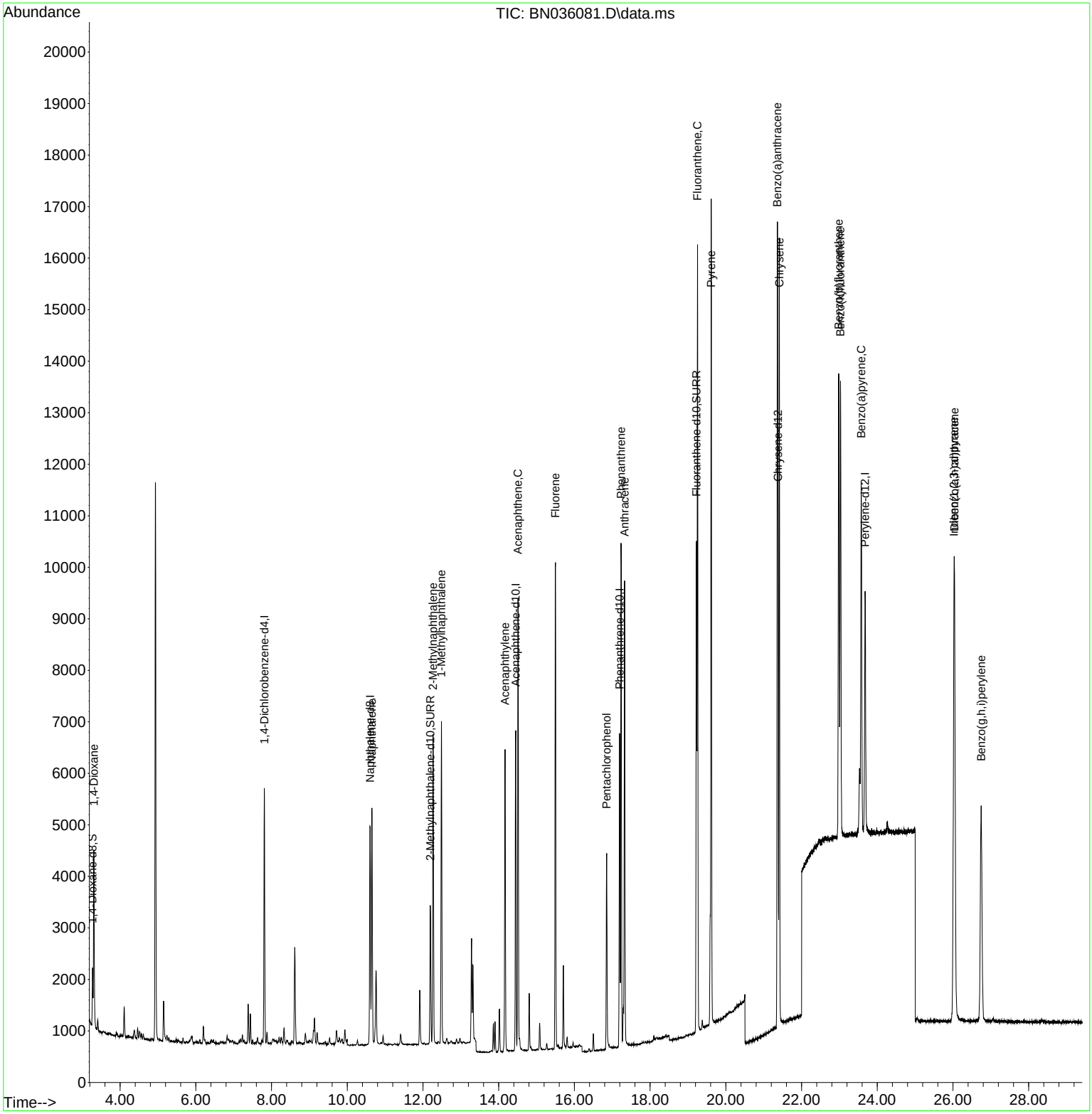
(#) = qualifier out of range (m) = manual integration (+) = signals summed

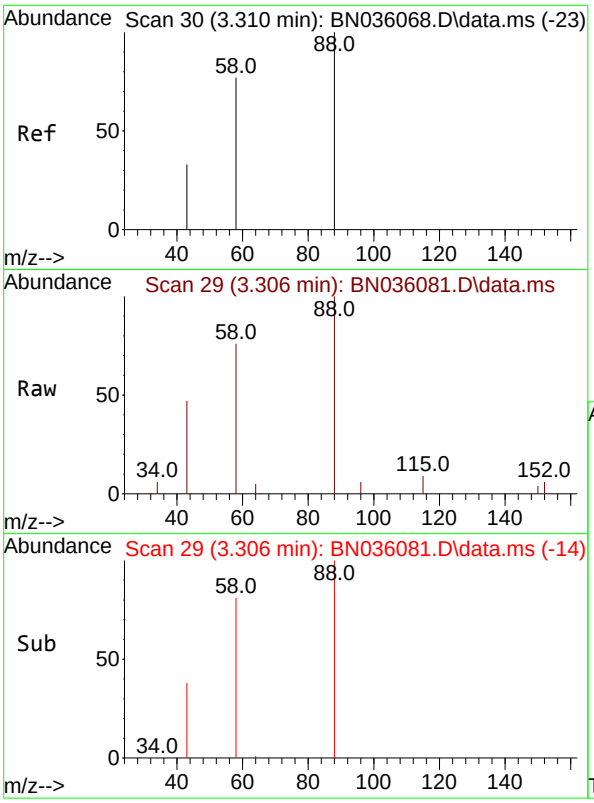
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036081.D
Acq On : 28 Jan 2025 19:41
Operator : RC/JU
Sample : Q1184-11MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Quant Time: Jan 29 08:18:40 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



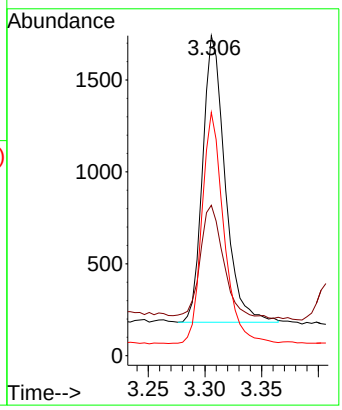


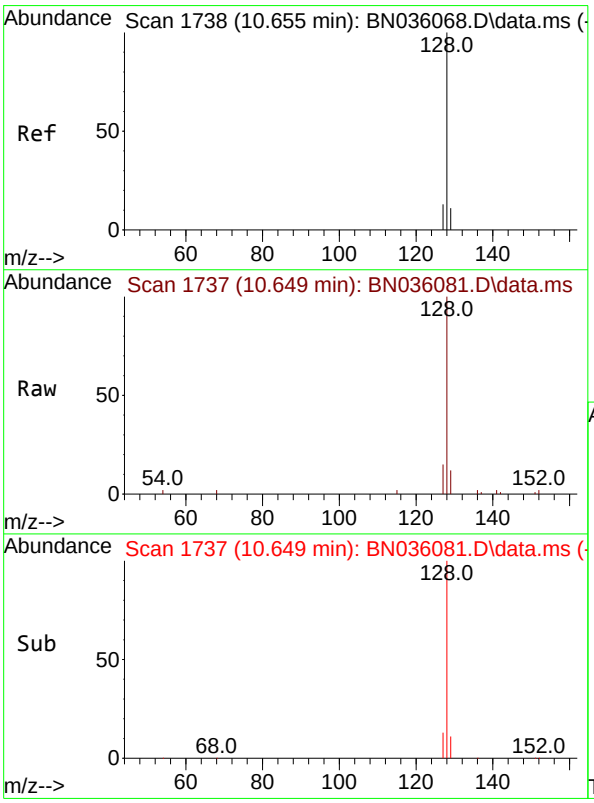
#2
1,4-Dioxane
Concen: 0.769 ng/ul
RT: 3.306 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion: 88 Resp: 2142

Ion	Ratio	Lower	Upper
88	100		
43	47.0	40.7	61.1
58	76.0	55.2	82.8

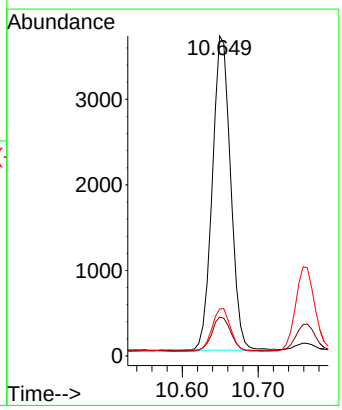


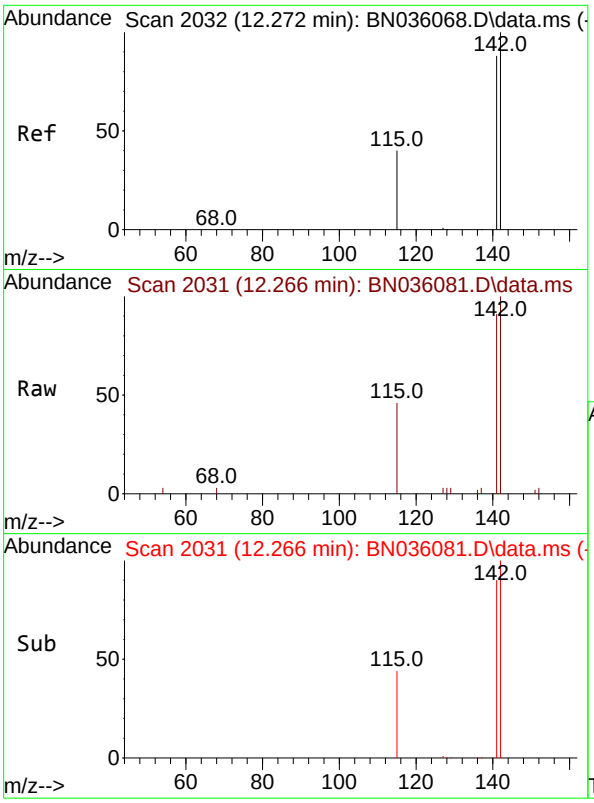


#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.649 min Scan# 1737
Delta R.T. -0.005 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Tgt Ion:128 Resp: 6119

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.6	14.4
127	14.6	12.0	18.0



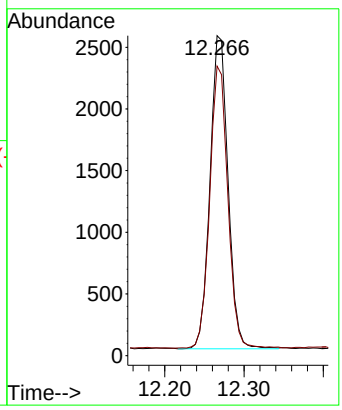


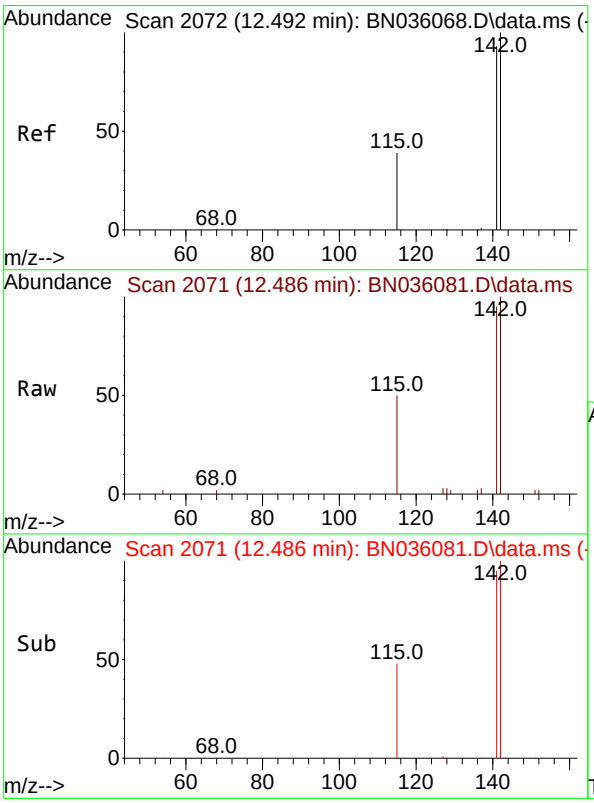
#7
2-Methylnaphthalene
Concen: 0.417 ng/ul
RT: 12.266 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:142 Resp: 4013

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.9	107.9

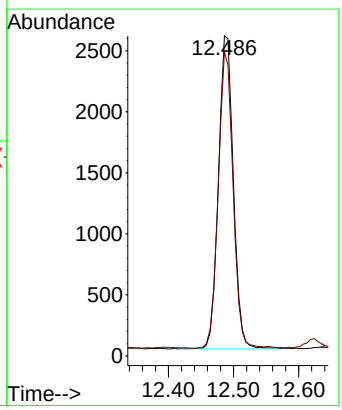


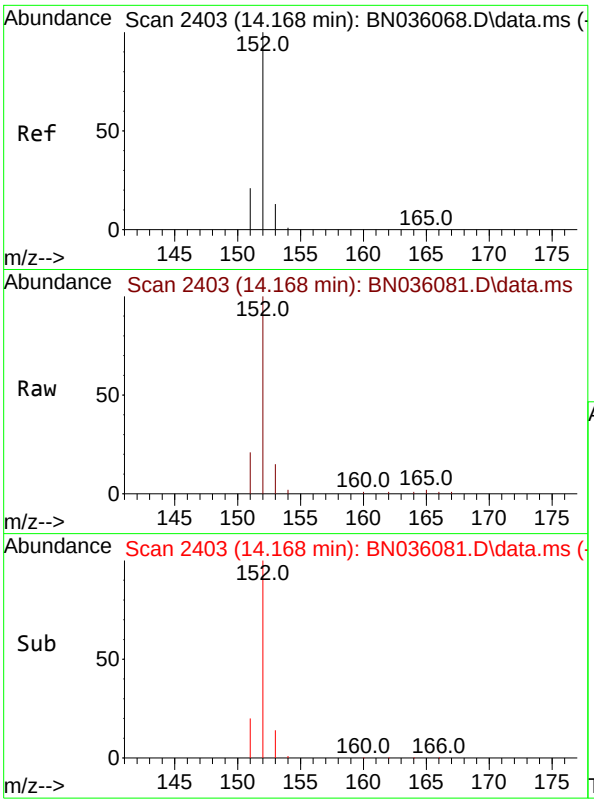


#8
1-Methylnaphthalene
Concen: 0.420 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Tgt Ion:142 Resp: 4097

Ion	Ratio	Lower	Upper
142	100		
141	94.0	75.2	112.8



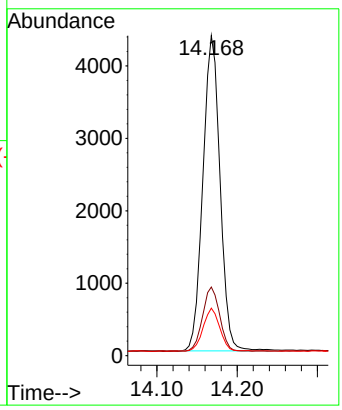


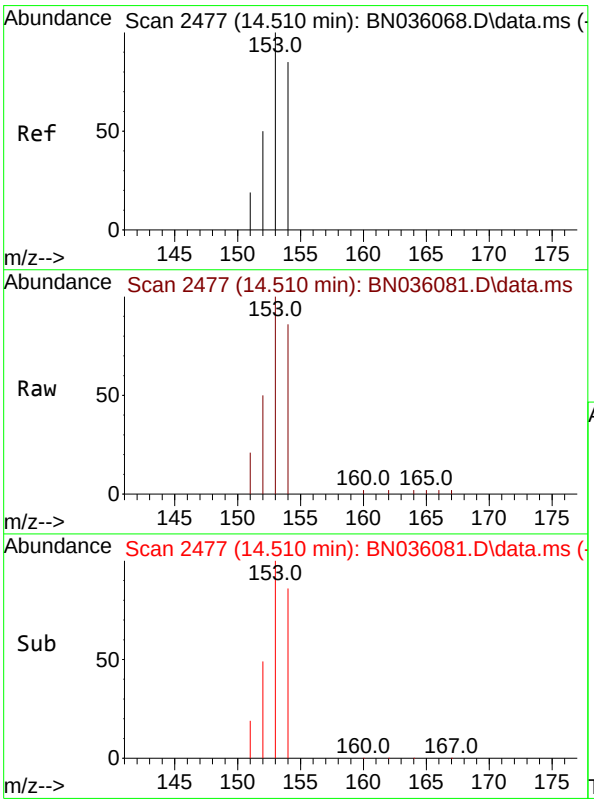
#10
Acenaphthylene
Concen: 0.404 ng/ul
RT: 14.168 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:152 Resp: 6471

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.4	26.2
153	14.8	11.9	17.9

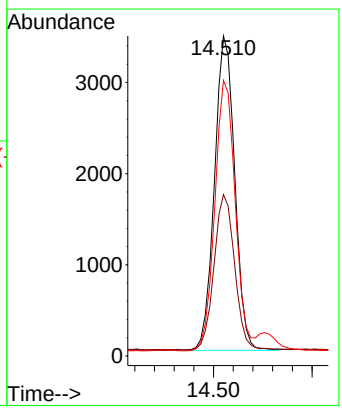


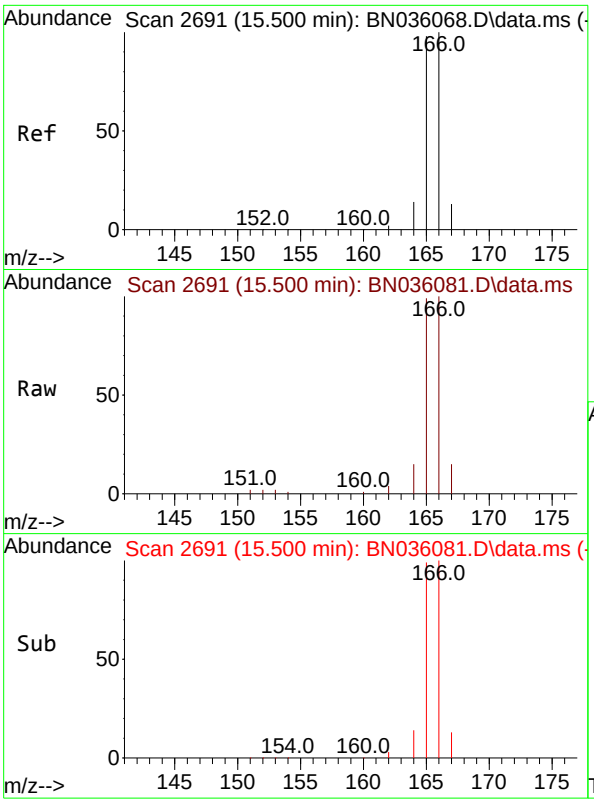


#11
Acenaphthene
Concen: 0.419 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Tgt Ion:153 Resp: 4930

Ion	Ratio	Lower	Upper
153	100		
152	50.5	43.2	64.8
154	86.1	70.5	105.7



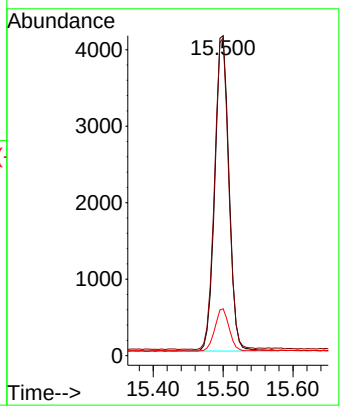


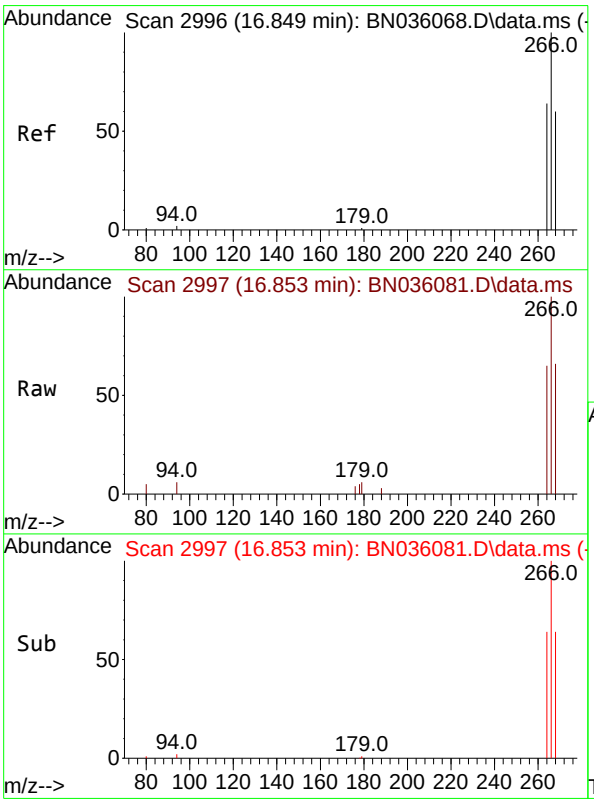
#12
Fluorene
Concen: 0.447 ng/ul
RT: 15.500 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:166 Resp: 5810

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.3	120.5
167	14.7	12.3	18.5

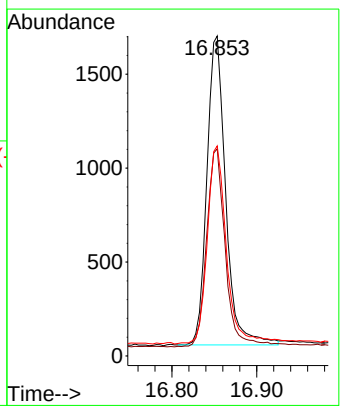


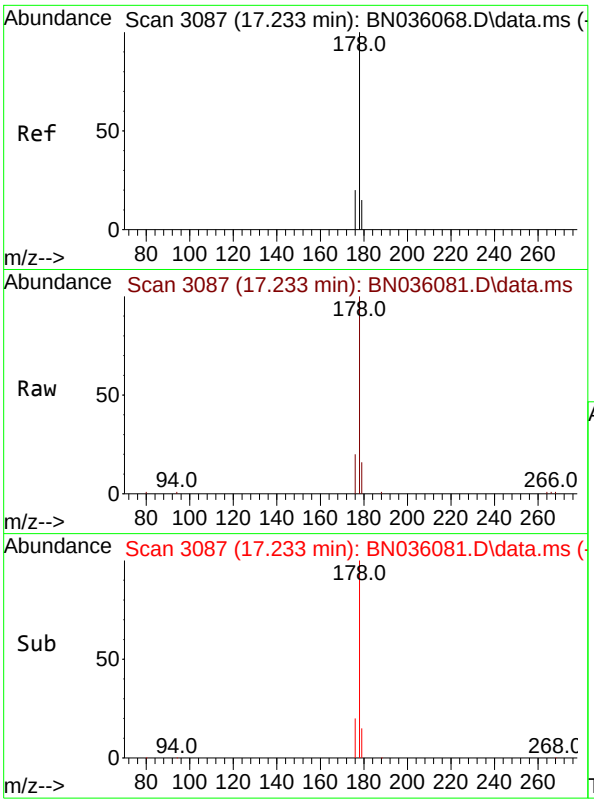


#14
Pentachlorophenol
Concen: 0.980 ng/ul
RT: 16.853 min Scan# 2997
Delta R.T. 0.013 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Tgt Ion:266 Resp: 2530

Ion	Ratio	Lower	Upper
266	100		
264	64.0	50.6	75.8
268	65.7	50.6	75.8



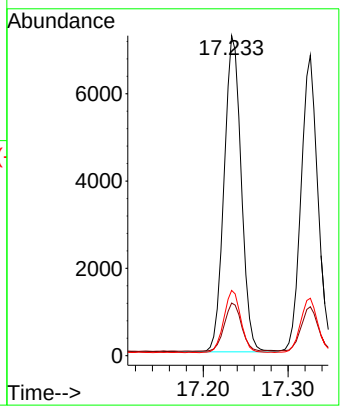


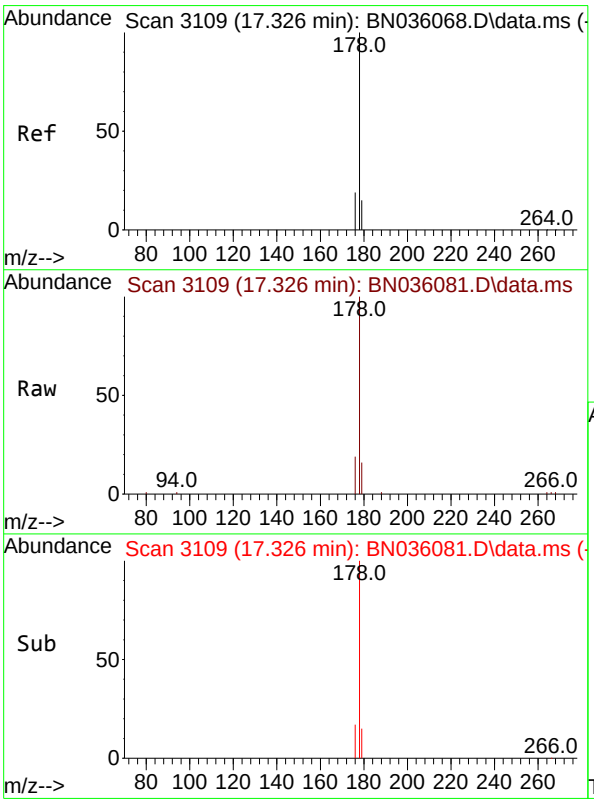
#15
Phenanthrene
Concen: 0.472 ng/ul
RT: 17.233 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:178 Resp: 10174

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.2	19.8
176	20.4	16.8	25.2

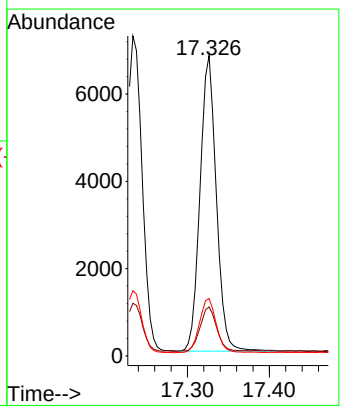


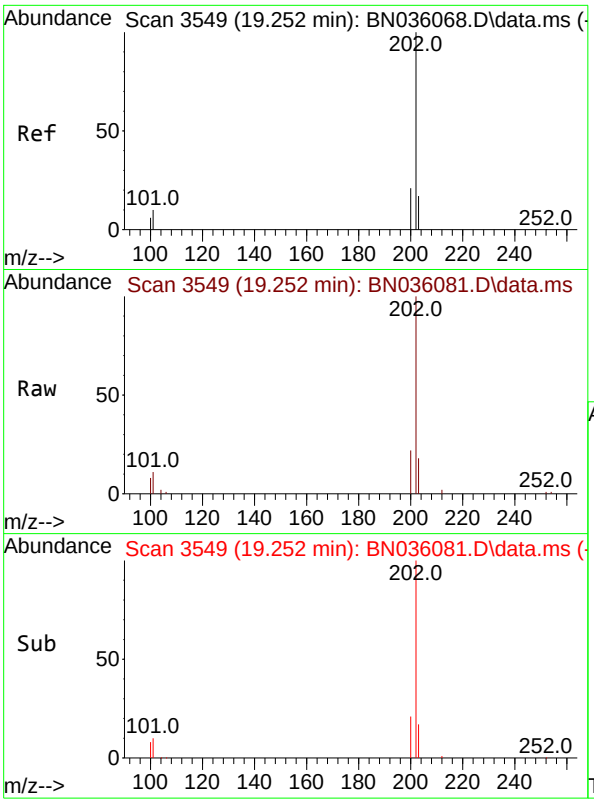


#16
Anthracene
Concen: 0.467 ng/ul
RT: 17.326 min Scan# 3109
Delta R.T. 0.004 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Tgt Ion:178 Resp: 9362

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.4
176	19.1	15.9	23.9



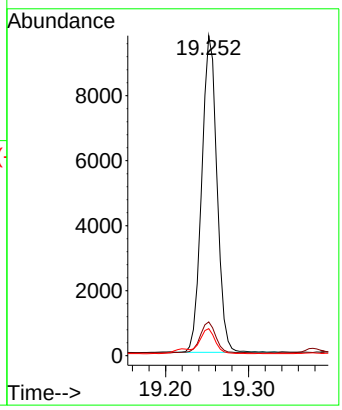


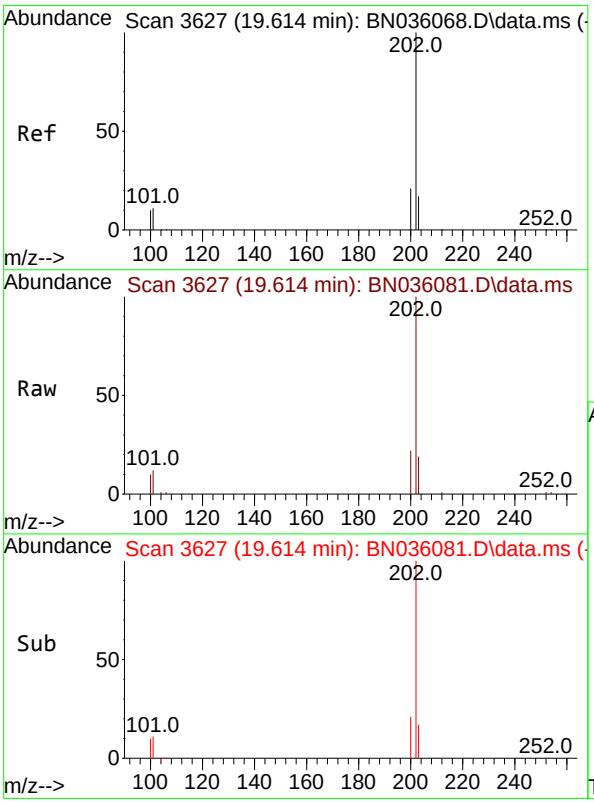
#19
Fluoranthene
Concen: 0.484 ng/ul
RT: 19.252 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:202 Resp: 12461

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.4	12.6
100	8.5	6.5	9.7

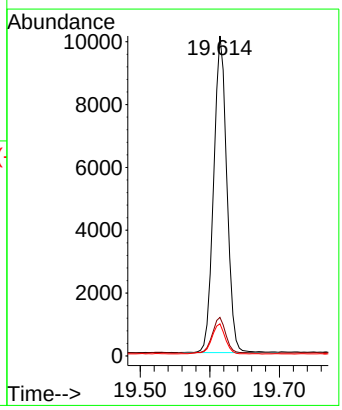


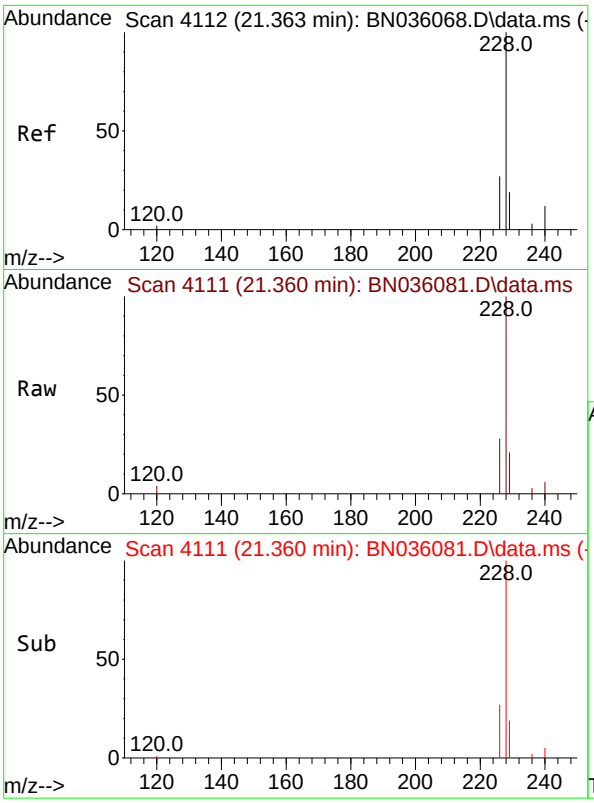


#20
Pyrene
Concen: 0.494 ng/ul
RT: 19.614 min Scan# 3627
Delta R.T. 0.005 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Tgt Ion:202 Resp: 13283

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.3	13.9
100	10.1	7.5	11.3



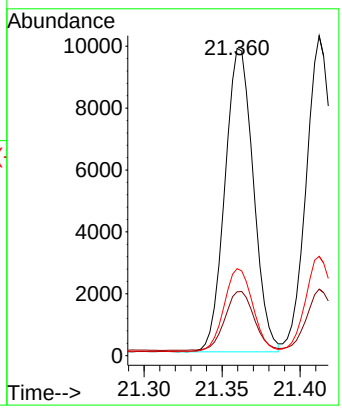


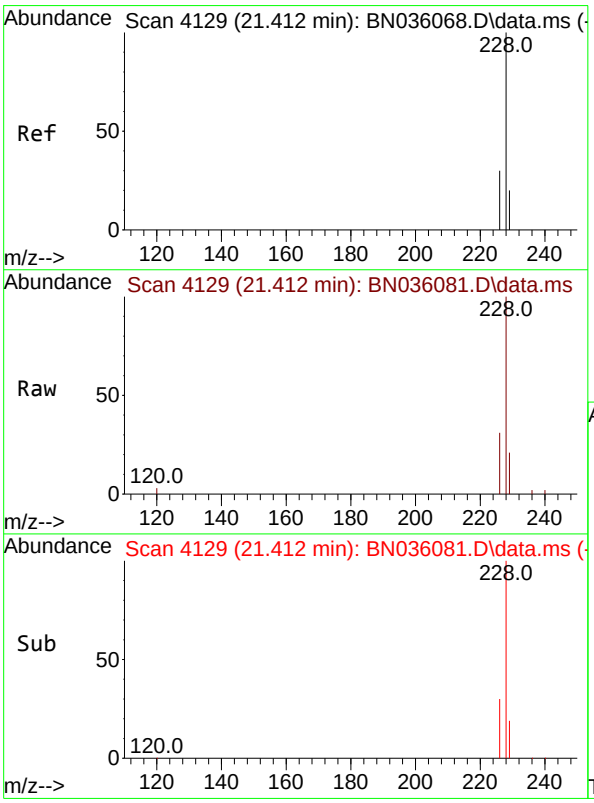
#21
Benzo(a)anthracene
Concen: 0.514 ng/ul
RT: 21.360 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:228 Resp: 12433

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.9	23.9
226	28.4	22.8	34.2

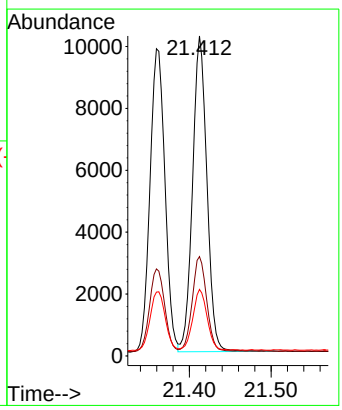


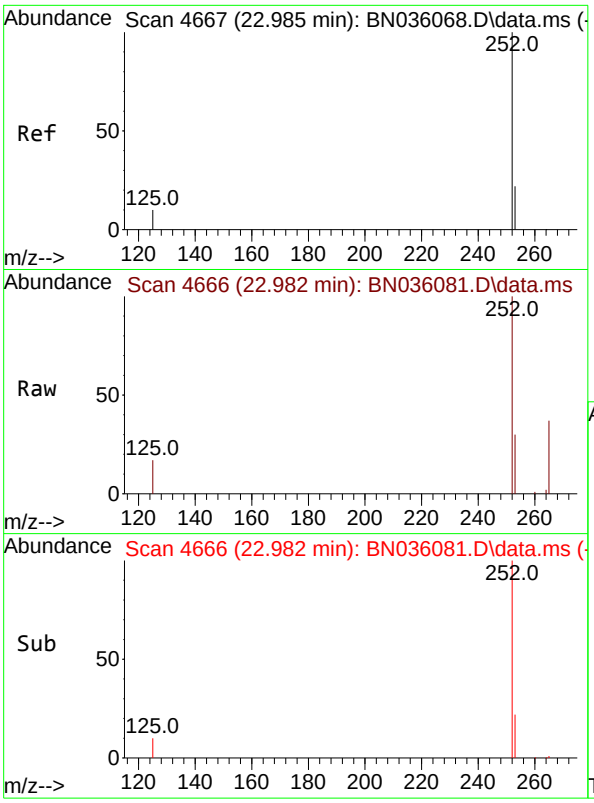


#22
Chrysene
Concen: 0.505 ng/ul
RT: 21.412 min Scan# 4129
Delta R.T. 0.006 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Tgt Ion:228 Resp: 12488

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	20.8	15.9	23.9



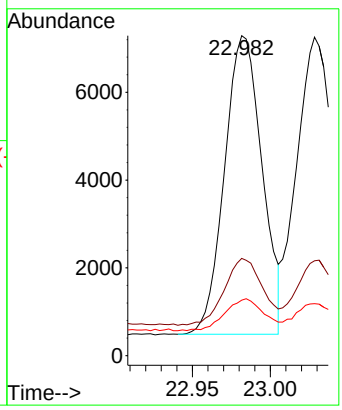


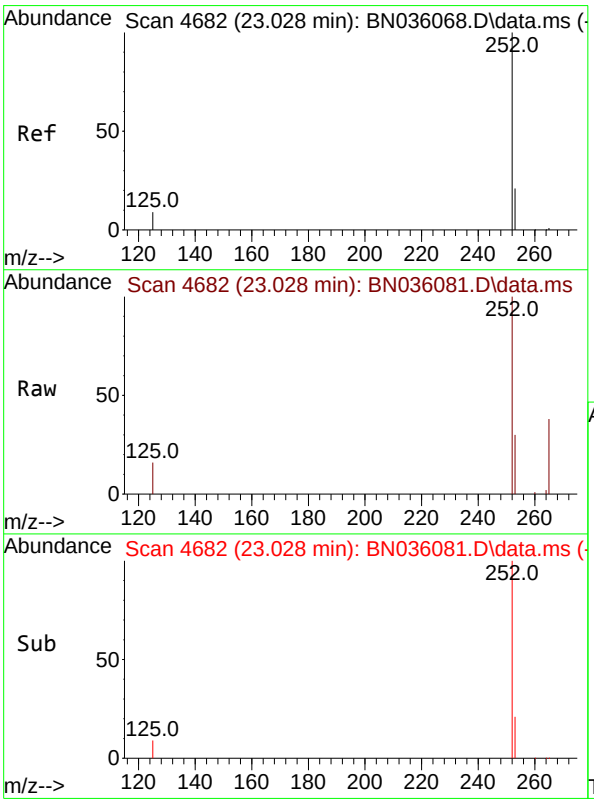
#24
Benzo(b)fluoranthene
Concen: 0.549 ng/ul
RT: 22.982 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:252 Resp: 11400

Ion	Ratio	Lower	Upper
252	100		
253	30.4	0.0	51.2
125	17.4	0.0	27.8

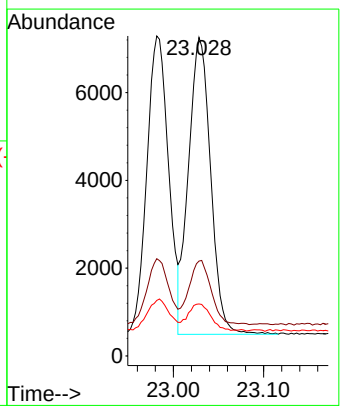


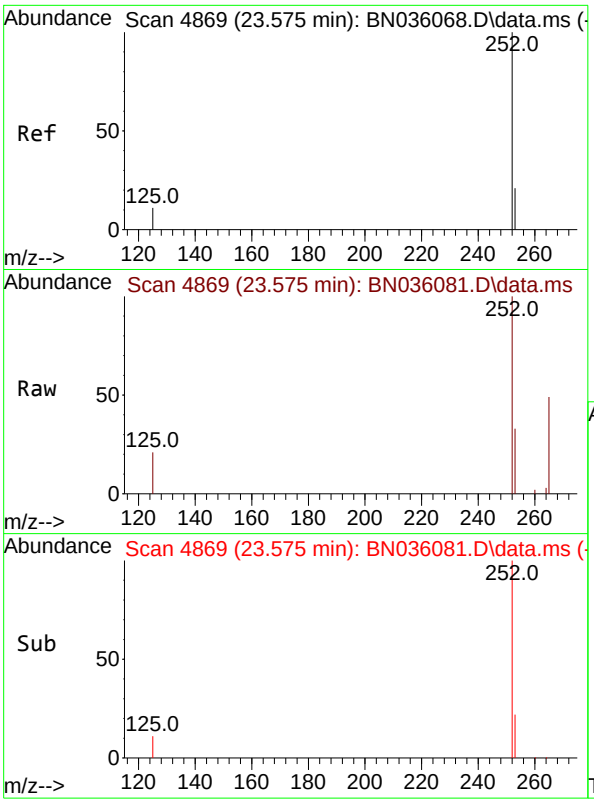


#25
Benzo(k)fluoranthene
Concen: 0.528 ng/ul
RT: 23.028 min Scan# 4682
Delta R.T. 0.009 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Tgt Ion:252 Resp: 11535

Ion	Ratio	Lower	Upper
252	100		
253	29.8	20.2	30.4
125	16.3	10.6	16.0#



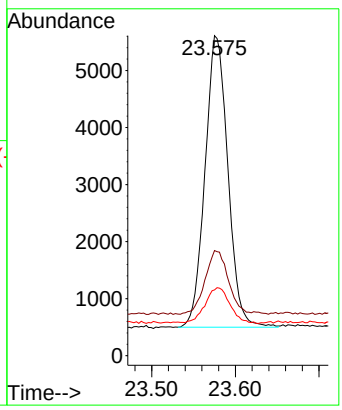


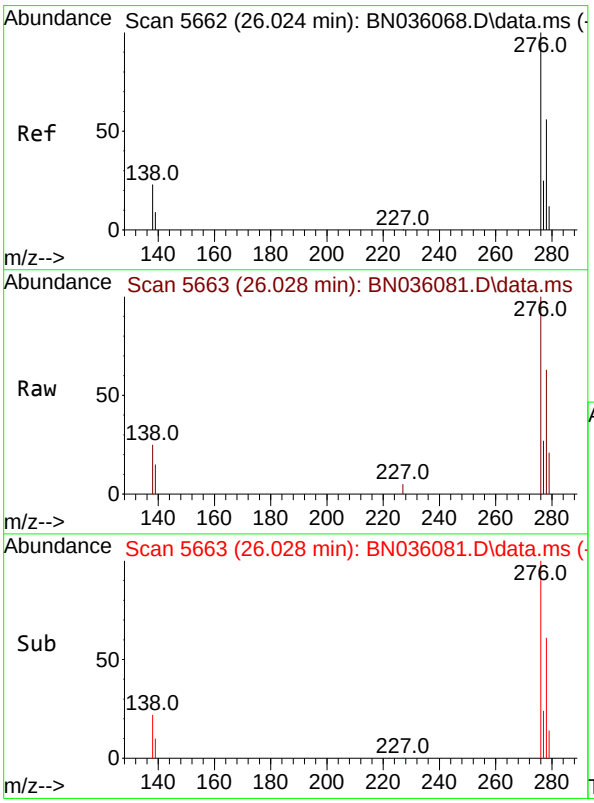
#26
Benzo(a)pyrene
Concen: 0.517 ng/ul
RT: 23.575 min Scan# 4
Delta R.T. 0.012 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:252 Resp: 9692

Ion	Ratio	Lower	Upper
252	100		
253	32.9	22.2	33.4
125	20.6	13.1	19.7#

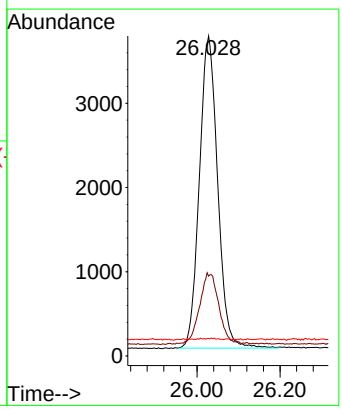


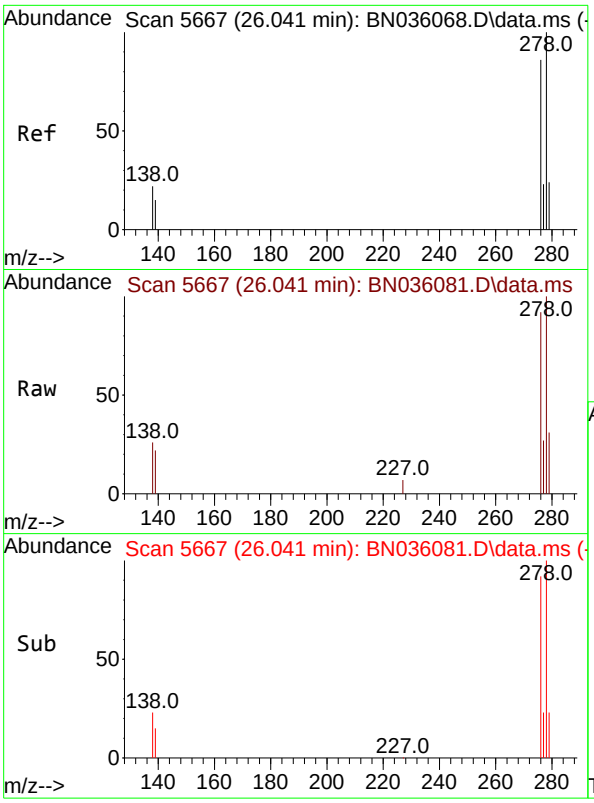


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.457 ng/ul
RT: 26.028 min Scan# 5663
Delta R.T. 0.023 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Tgt Ion:276 Resp: 11328

Ion	Ratio	Lower	Upper
276	100		
138	23.9	20.2	30.4
227	0.0	0.1	0.1#



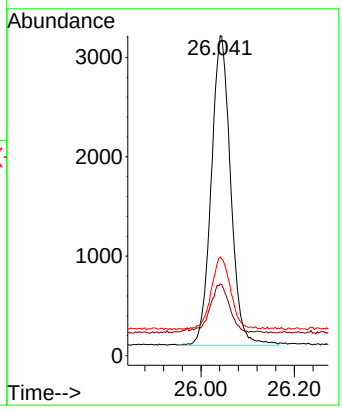


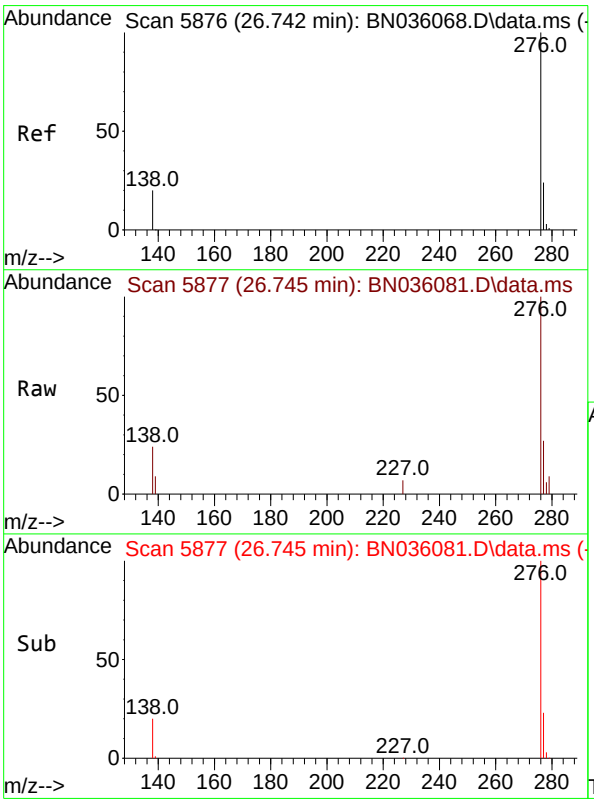
#28
Dibenzo(a,h)anthracene
Concen: 0.469 ng/ul
RT: 26.041 min Scan# 5
Delta R.T. 0.020 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Instrument :
BNA_N
ClientSampleId :
E2959MSD

Tgt Ion:278 Resp: 8961

Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.4	23.2
279	30.8	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 0.459 ng/ul
RT: 26.745 min Scan# 5877
Delta R.T. 0.027 min
Lab File: BN036081.D
Acq: 28 Jan 2025 19:41

Tgt Ion:276 Resp: 8845

Ion	Ratio	Lower	Upper
276	100		
138	24.0	19.4	29.0
277	27.4	21.1	31.7