Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012125\
Data File : BN036007.D
Acq On : 21 Jan 2025 15:35
Operator : RC/JU
Sample : SSTD3.260
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Quant Time: Jan 21 23:46:36 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 23:44:46 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	2166	0.400	ng/ul	0.00
4) Naphthalene-d8	10.609	136	4281	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.449	164	2258	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	4416	0.400	ng/ul	0.00
17) Chrysene-d12	21.372	240	4305	0.400	ng/ul	0.00
23) Perylene-d12	23.666	264	4121	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	8018	3.381	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.199	152	16709	3.091	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	35634	3.012	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	8857	3.499	ng/ul	88
5) Naphthalene	10.653	128	37101	3.146	ng/ul	97
7) 2-Methylnaphthalene	12.270	142	23279	3.178	ng/ul	100
8) 1-Methylnaphthalene	12.490	142	23203	3.121	ng/ul	99
10) Acenaphthylene	14.167	152	33909	3.186	ng/ul	97
11) Acenaphthene	14.514	153	24800	3.166	ng/ul	98
12) Fluorene	15.500	166	27327	3.159	ng/ul	98
14) Pentachlorophenol	16.841	266	5540	3.581	ng/ul	100
15) Phenanthrene	17.233	178	41408	3.202	ng/ul	97
16) Anthracene	17.322	178	40289	3.352	ng/ul	98
19) Fluoranthene	19.248	202	50908	3.111	ng/ul	98
20) Pyrene	19.610	202	52685	3.085	ng/ul	99
21) Benzo(a)anthracene	21.354	228	49306	3.209	ng/ul	99
22) Chrysene	21.407	228	49023	3.123	ng/ul	99
24) Benzo(b)fluoranthene	22.973	252	44454	3.233	ng/ul	93
25) Benzo(k)fluoranthene	23.017	252	45994	3.179	ng/ul#	93
26) Benzo(a)pyrene	23.564	252	41211	3.318	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.008	276	55070	3.352	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.025	278	43122	3.406	ng/ul	93
29) Benzo(g,h,i)perylene	26.722	276	42599	3.339	ng/ul	95

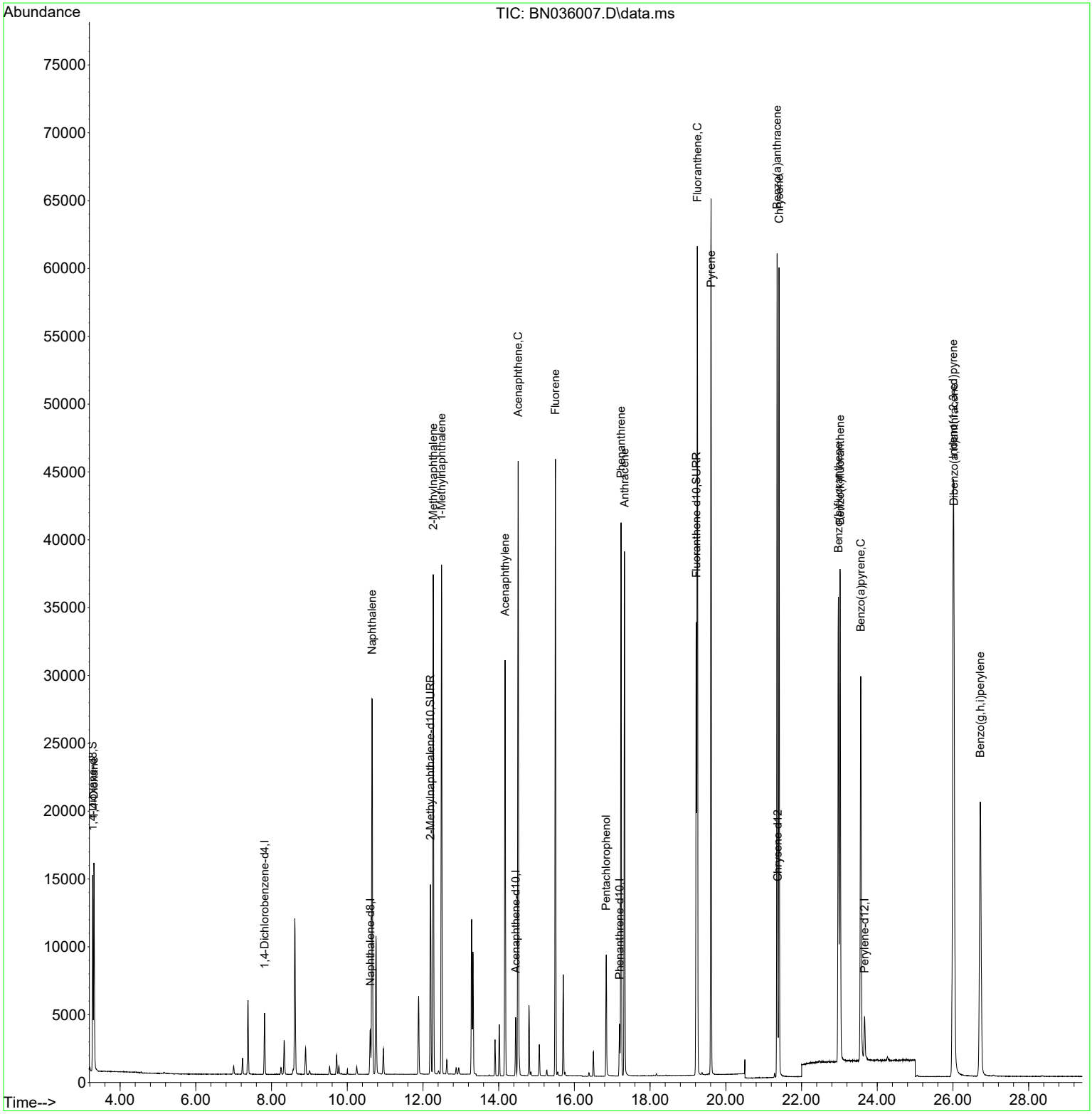
(#) = qualifier out of range (m) = manual integration (+) = signals summed

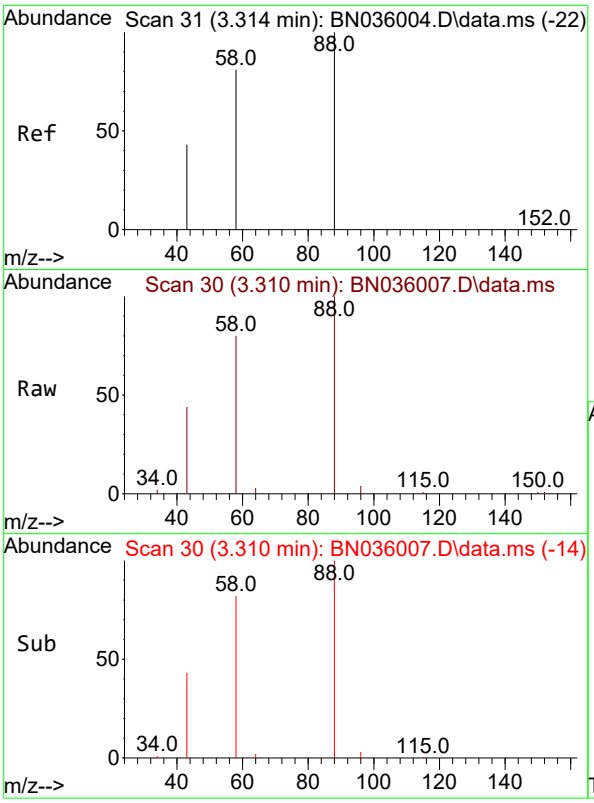
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012125\
Data File : BN036007.D
Acq On : 21 Jan 2025 15:35
Operator : RC/JU
Sample : SSTD3.260
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Quant Time: Jan 21 23:46:36 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 23:44:46 2025
Response via : Initial Calibration



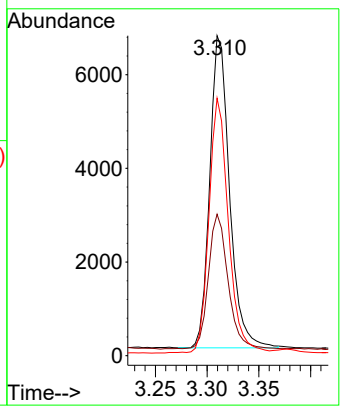


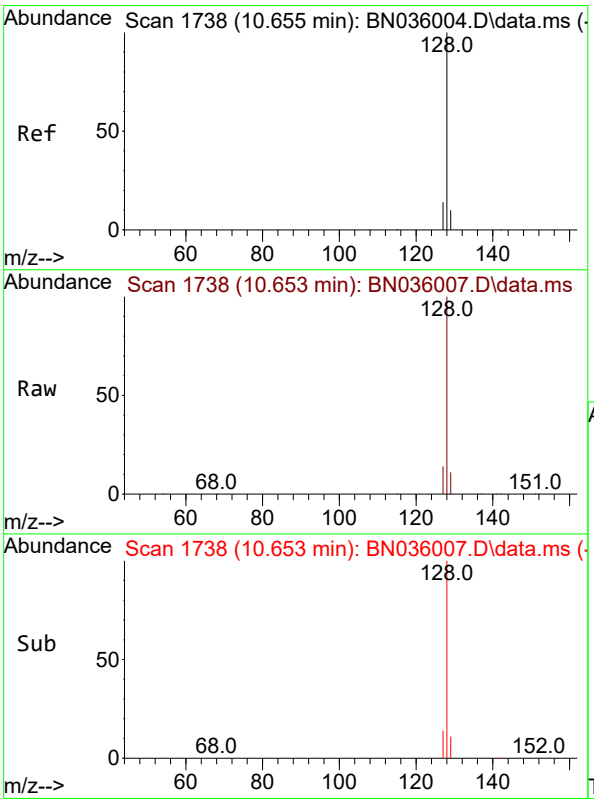
#2
1,4-Dioxane
Concen: 3.499 ng/ul
RT: 3.310 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion: 88 Resp: 8857

Ion	Ratio	Lower	Upper
88	100		
43	44.2	40.7	61.1
58	80.5	55.2	82.8

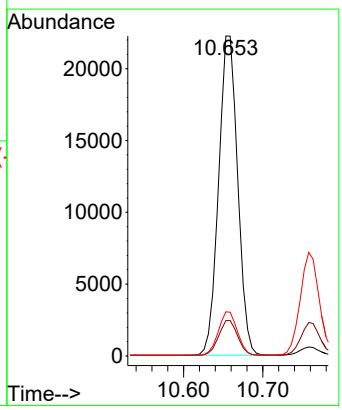


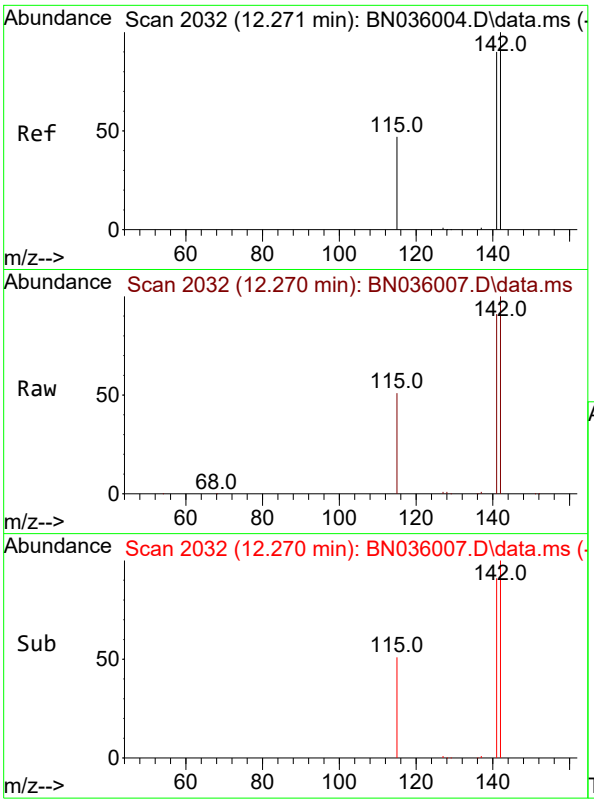


#5
Naphthalene
Concen: 3.146 ng/ul
RT: 10.653 min Scan# 1738
Delta R.T. -0.001 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Tgt Ion:128 Resp: 37101

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.6	14.4
127	13.8	12.0	18.0



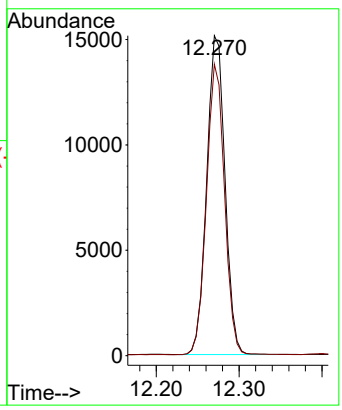


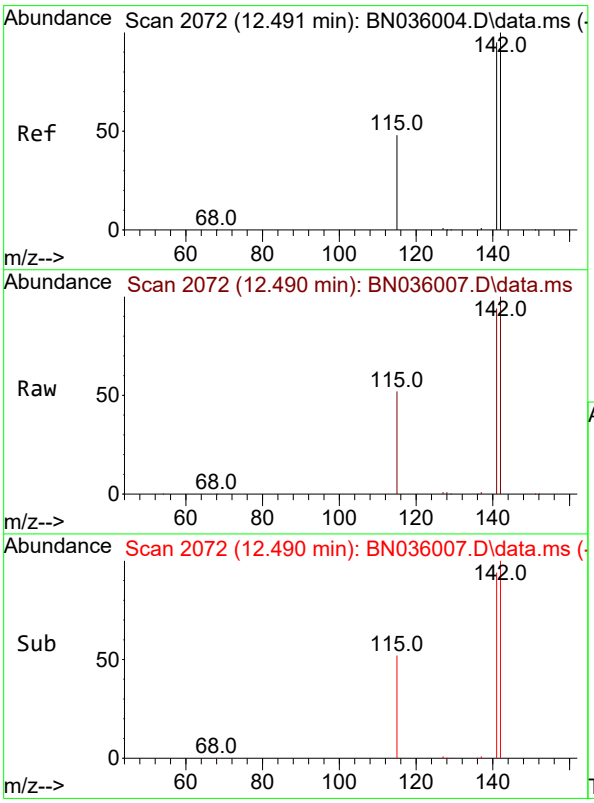
#7
2-Methylnaphthalene
Concen: 3.178 ng/ul
RT: 12.270 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:142 Resp: 23279

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9

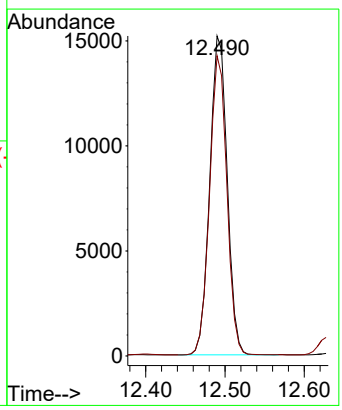


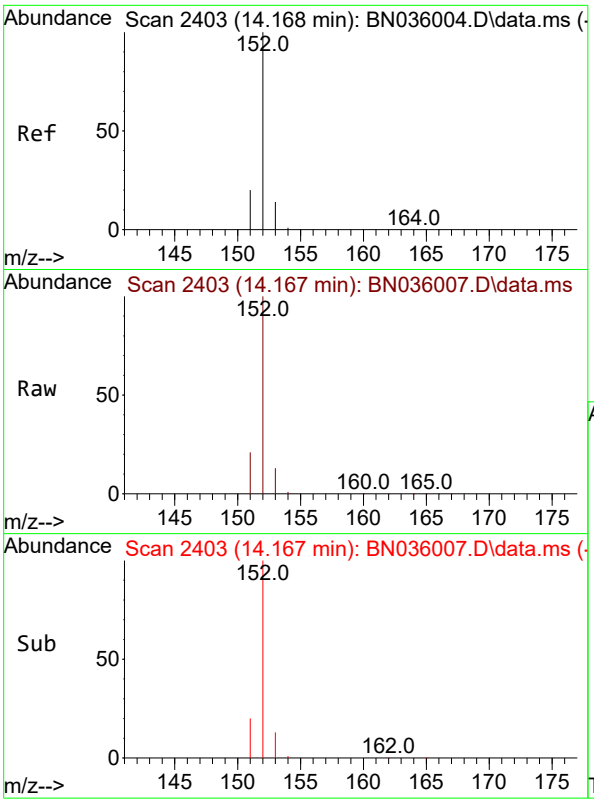


#8
1-Methylnaphthalene
Concen: 3.121 ng/ul
RT: 12.490 min Scan# 2072
Delta R.T. -0.001 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Tgt Ion:142 Resp: 23203

Ion	Ratio	Lower	Upper
142	100		
141	93.0	75.2	112.8



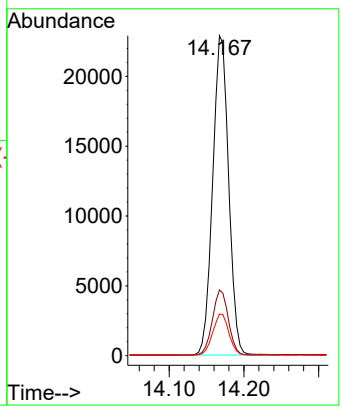


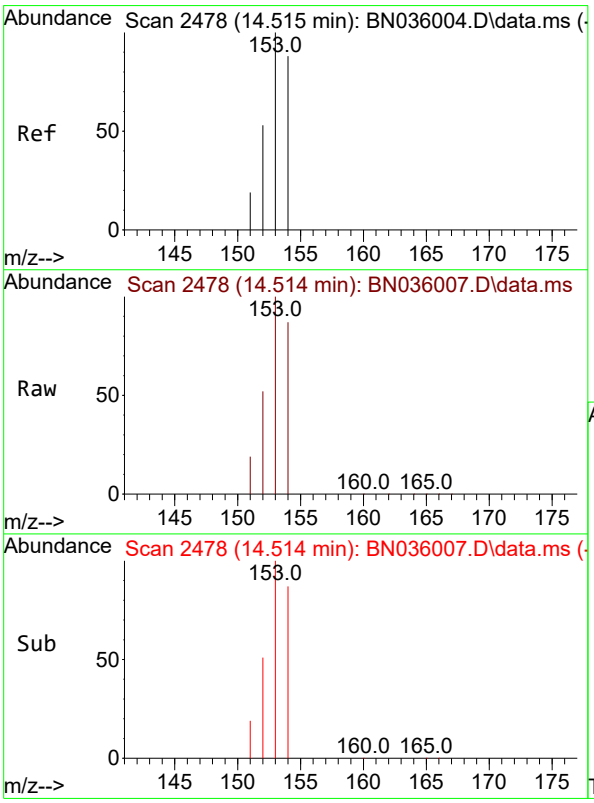
#10
Acenaphthylene
Concen: 3.186 ng/ul
RT: 14.167 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:152 Resp: 33909

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.4	26.2
153	13.0	11.9	17.9

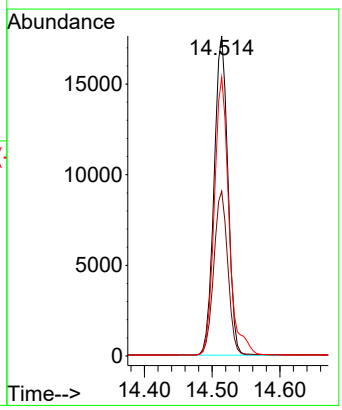


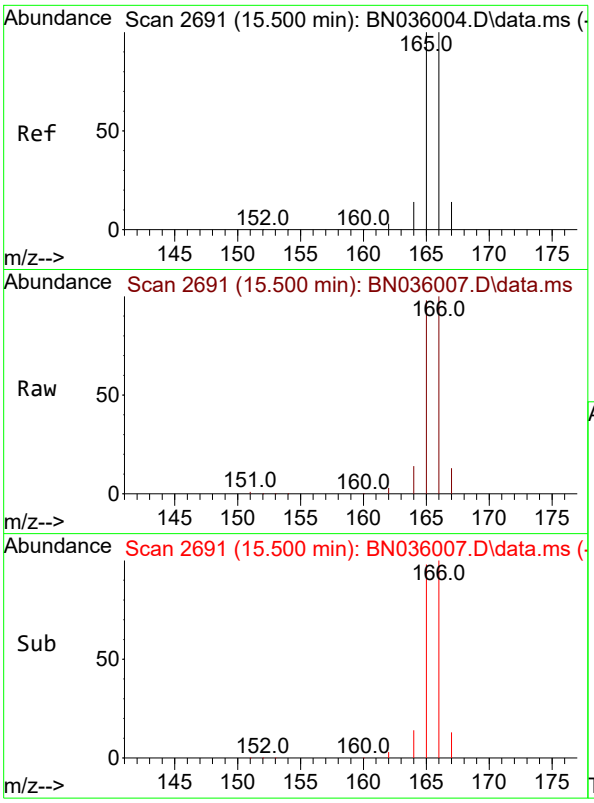


#11
Acenaphthene
Concen: 3.166 ng/ul
RT: 14.514 min Scan# 2478
Delta R.T. -0.001 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Tgt Ion:153 Resp: 24800

Ion	Ratio	Lower	Upper
153	100		
152	51.5	43.2	64.8
154	87.1	70.5	105.7



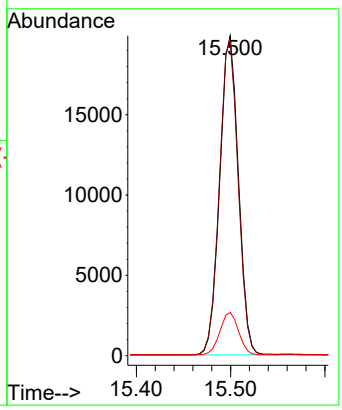


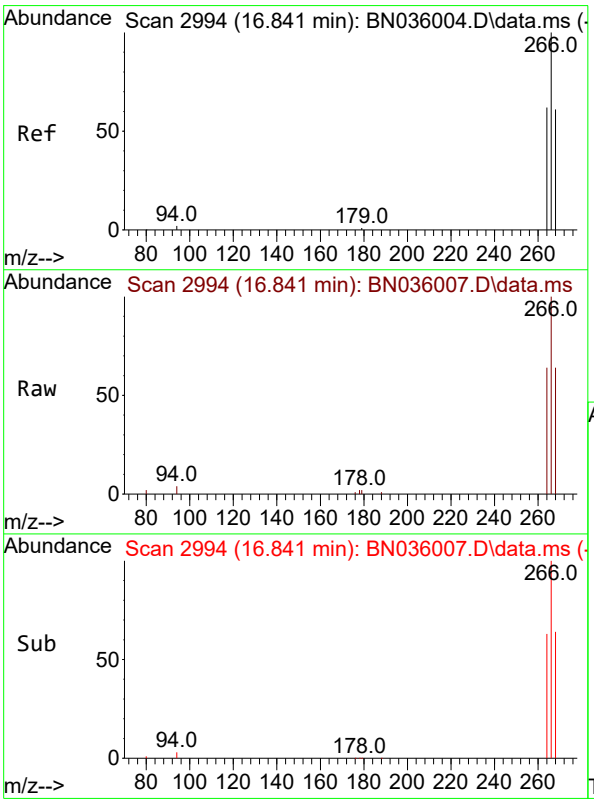
#12
Fluorene
Concen: 3.159 ng/ul
RT: 15.500 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:166 Resp: 27327

Ion	Ratio	Lower	Upper
166	100		
165	98.2	80.3	120.5
167	13.5	12.3	18.5

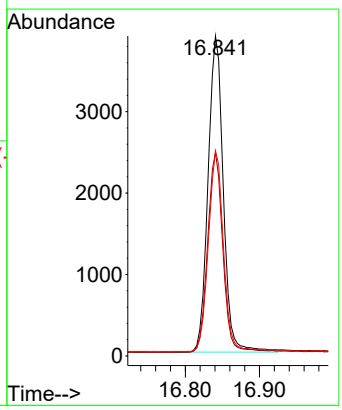


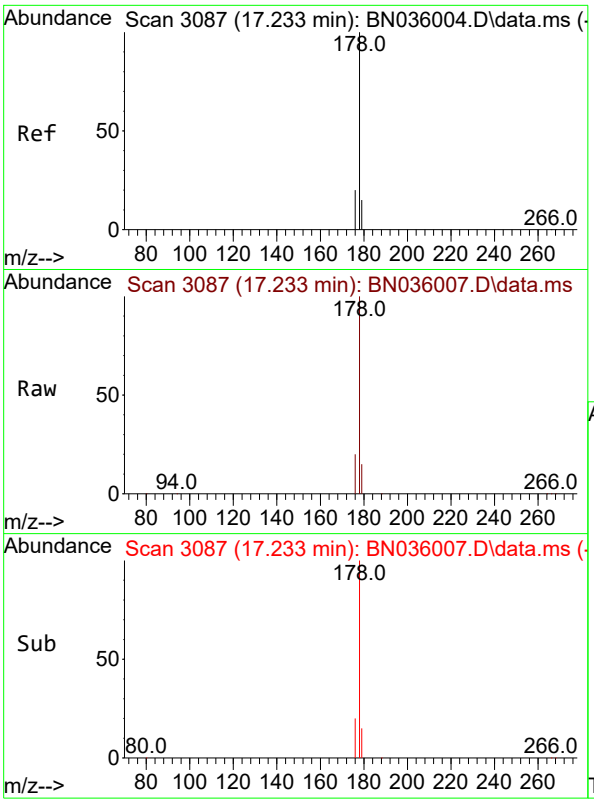


#14
Pentachlorophenol
Concen: 3.581 ng/ul
RT: 16.841 min Scan# 2994
Delta R.T. -0.000 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Tgt Ion:266 Resp: 5540

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.6	75.8
268	63.3	50.6	75.8



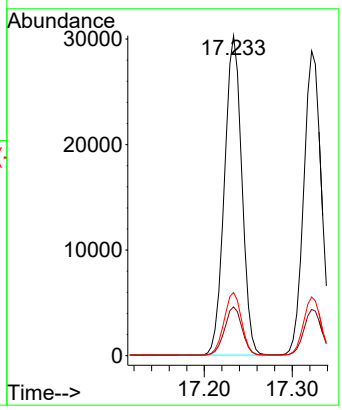


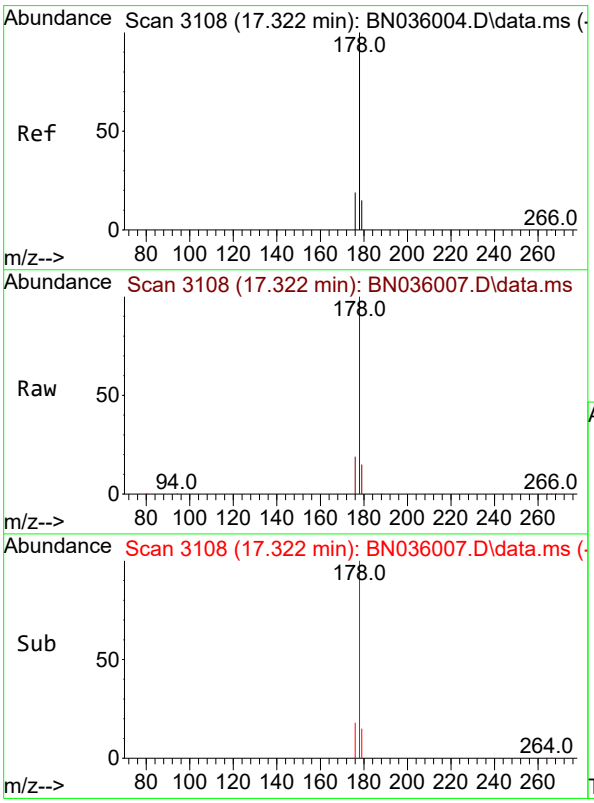
#15
Phenanthrene
Concen: 3.202 ng/ul
RT: 17.233 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:178 Resp: 41408

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.2	19.8
176	19.8	16.8	25.2

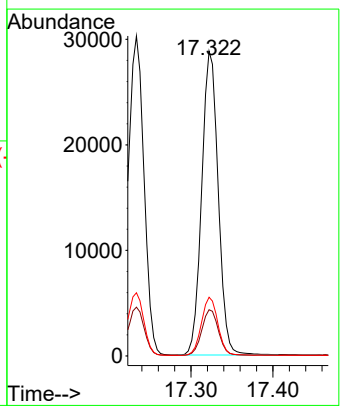


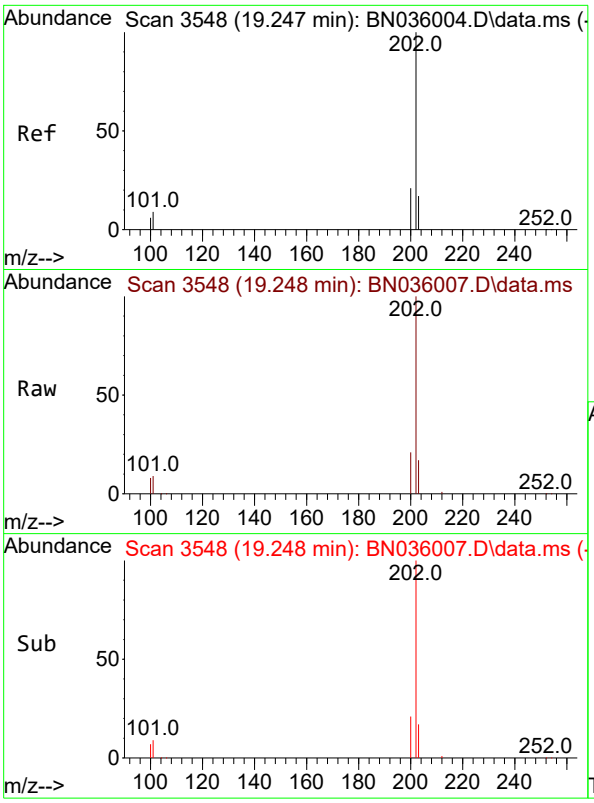


#16
Anthracene
Concen: 3.352 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Tgt Ion:178 Resp: 40289

Ion	Ratio	Lower	Upper
178	100		
179	15.2	13.0	19.4
176	19.2	15.9	23.9



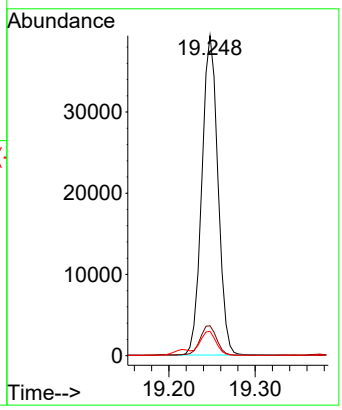


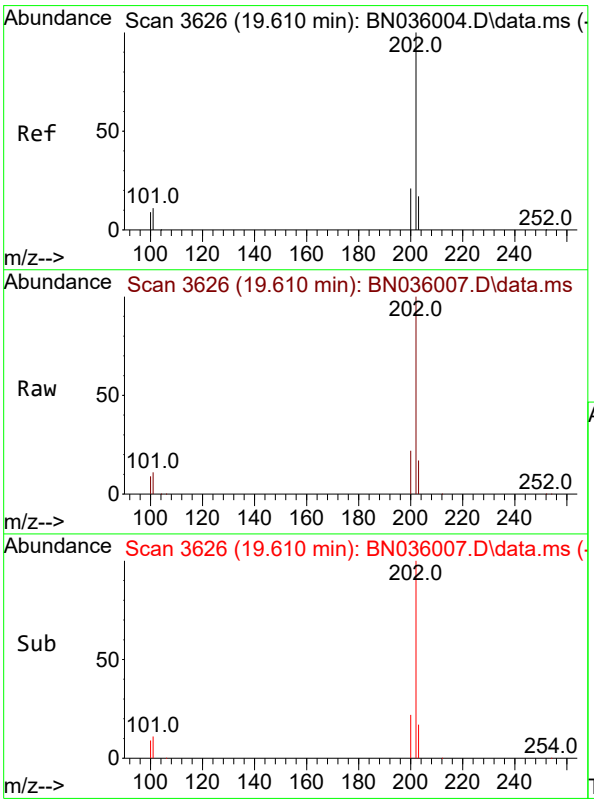
#19
Fluoranthene
Concen: 3.111 ng/ul
RT: 19.248 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:202 Resp: 50908

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.4	12.6
100	7.6	6.5	9.7

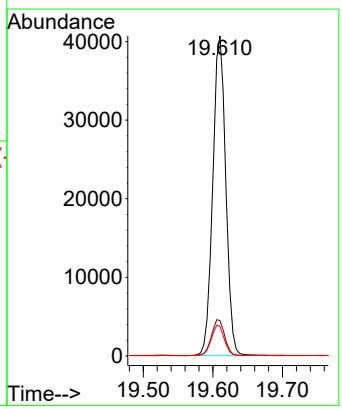


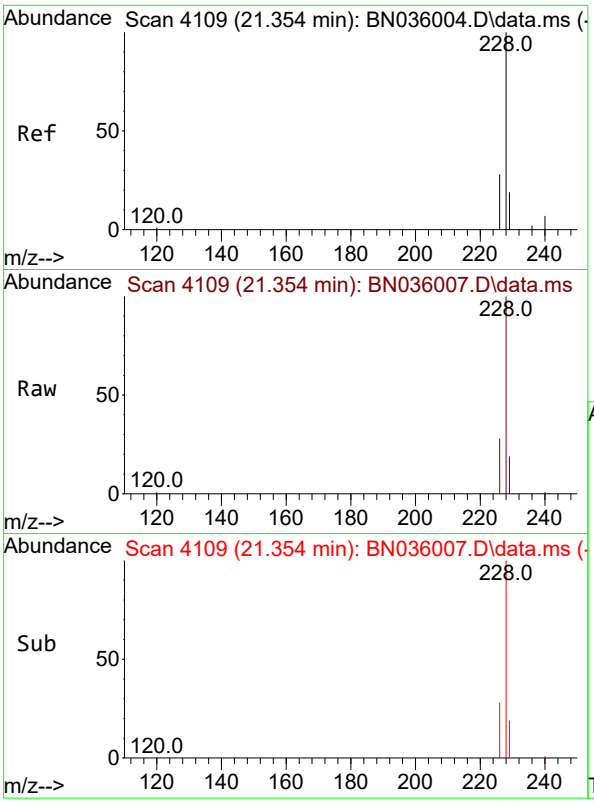


#20
Pyrene
Concen: 3.085 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Tgt Ion:202 Resp: 52685

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.3	13.9
100	9.3	7.5	11.3



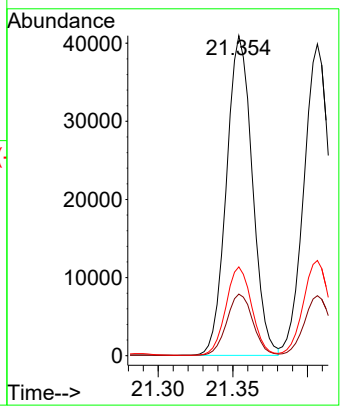


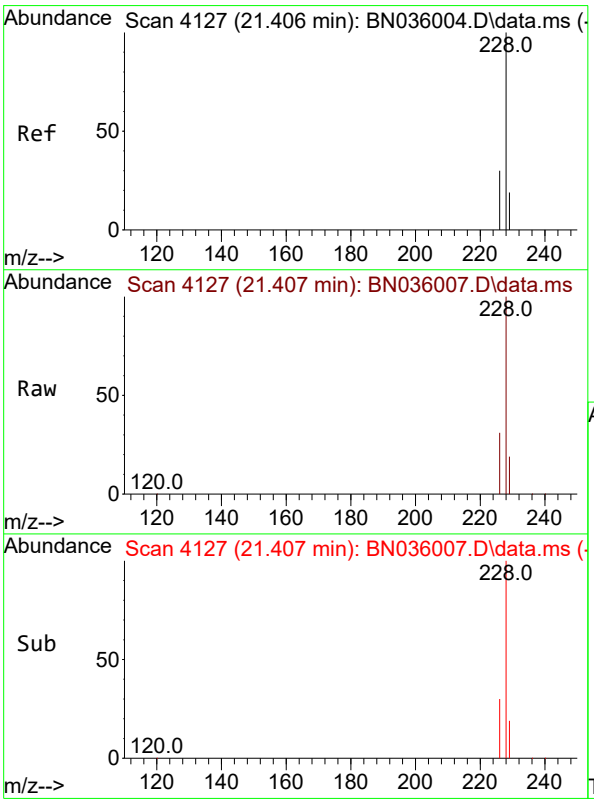
#21
Benzo(a)anthracene
Concen: 3.209 ng/ul
RT: 21.354 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:228 Resp: 49306

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.9	23.9
226	27.7	22.8	34.2

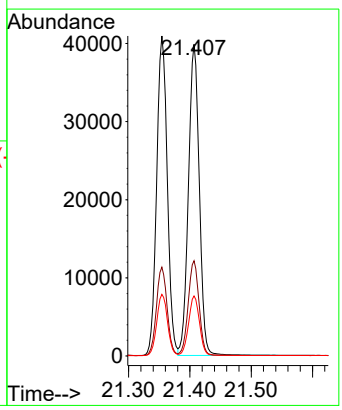


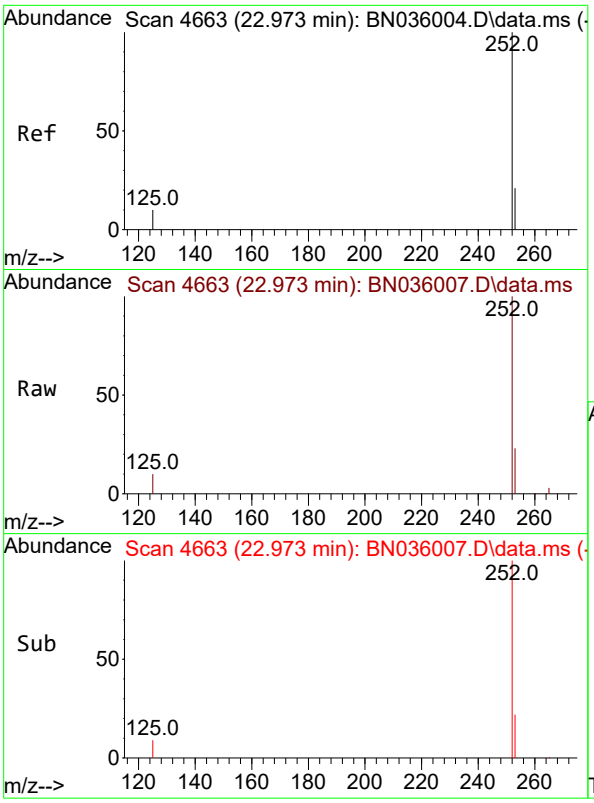


#22
Chrysene
Concen: 3.123 ng/ul
RT: 21.407 min Scan# 4127
Delta R.T. 0.000 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Tgt Ion:228 Resp: 49023

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.4	36.6
229	19.3	15.9	23.9



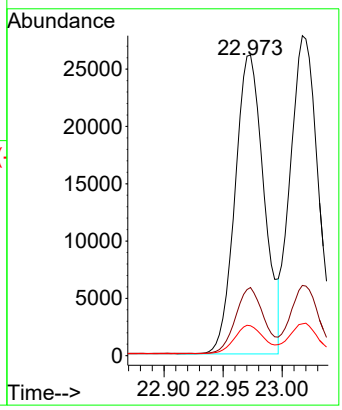


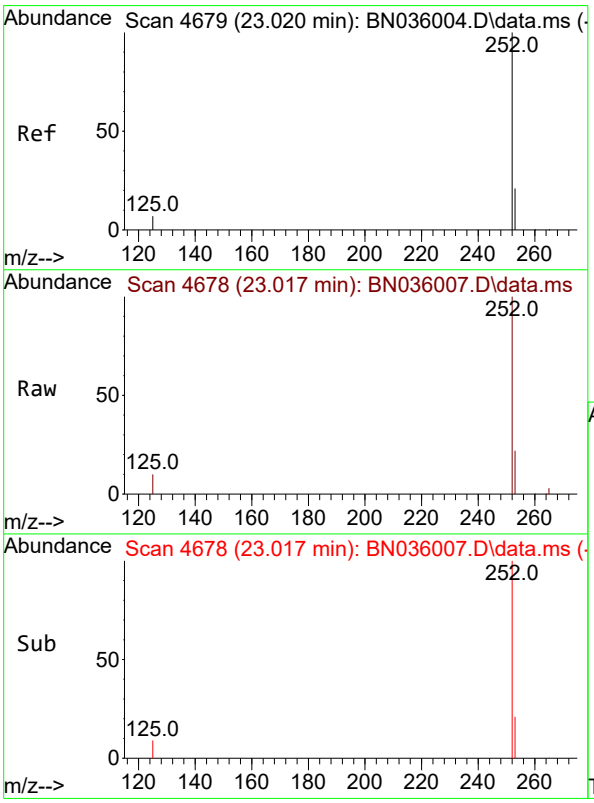
#24
Benzo(b)fluoranthene
Concen: 3.233 ng/ul
RT: 22.973 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:252 Resp: 44454

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	51.2
125	10.0	0.0	27.8

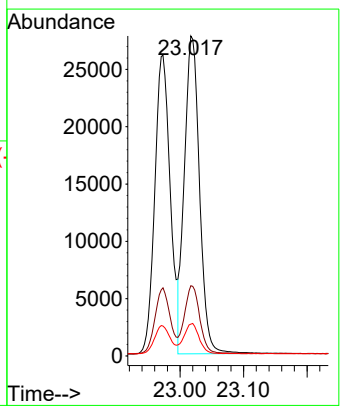


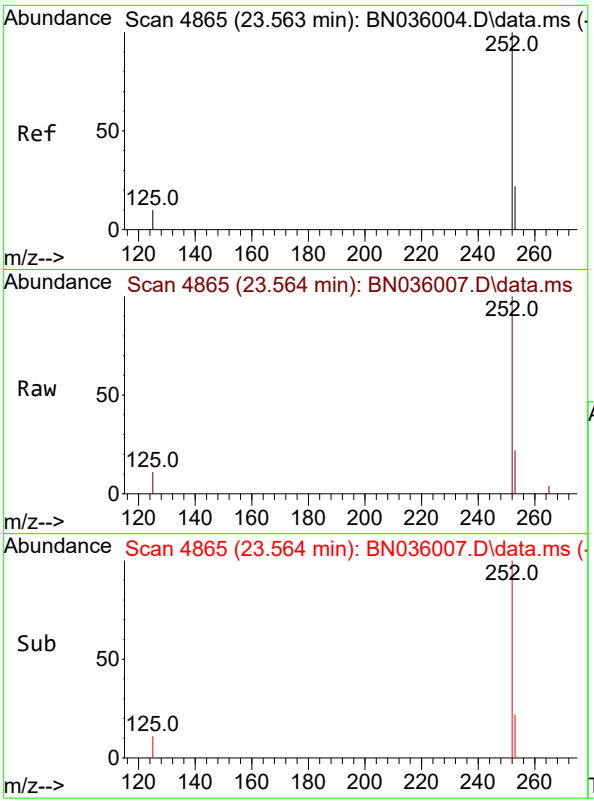


#25
Benzo(k)fluoranthene
Concen: 3.179 ng/ul
RT: 23.017 min Scan# 4678
Delta R.T. -0.003 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Tgt Ion:252 Resp: 45994

Ion	Ratio	Lower	Upper
252	100		
253	22.0	20.2	30.4
125	10.0	10.6	16.0#



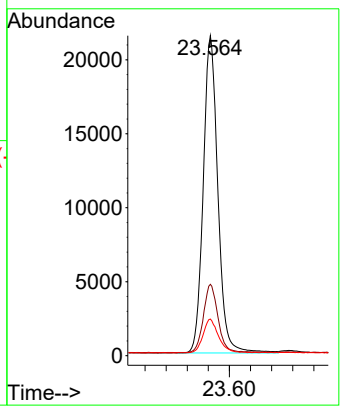


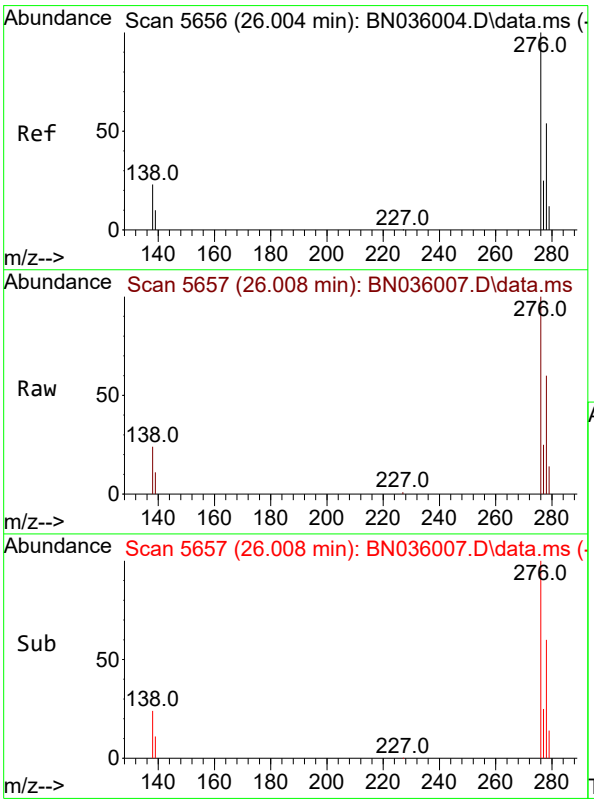
#26
Benzo(a)pyrene
Concen: 3.318 ng/ul
RT: 23.564 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:252 Resp: 41211

Ion	Ratio	Lower	Upper
252	100		
253	22.3	22.2	33.4
125	11.5	13.1	19.7#

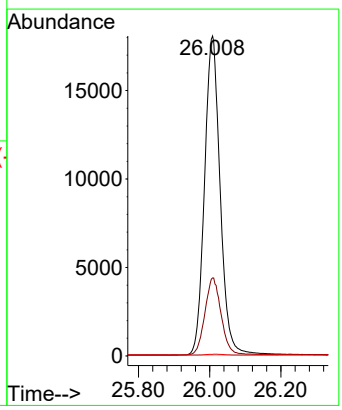


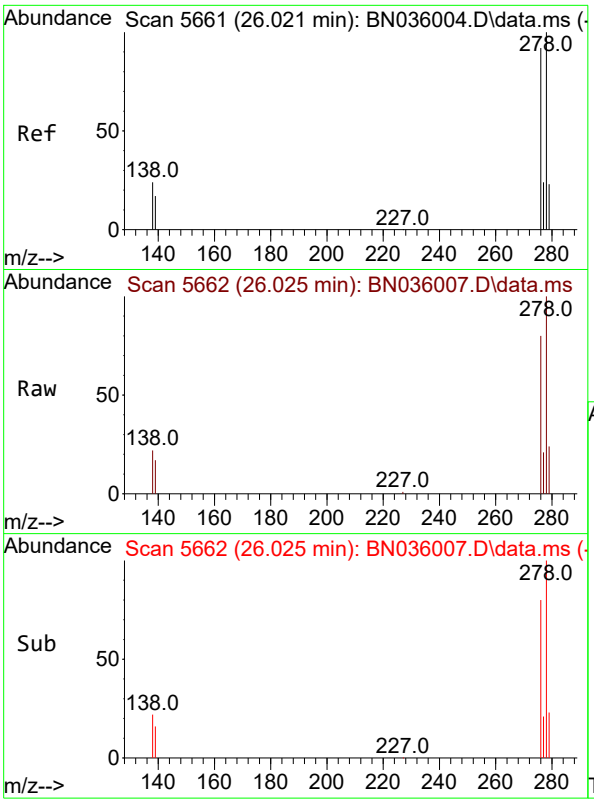


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.352 ng/ul
RT: 26.008 min Scan# 5657
Delta R.T. 0.004 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Tgt Ion:276 Resp: 55070

Ion	Ratio	Lower	Upper
276	100		
138	25.2	20.2	30.4
227	0.3	0.1	0.1#



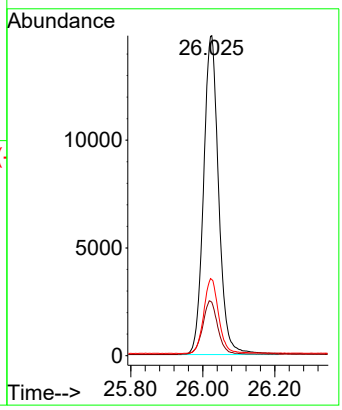


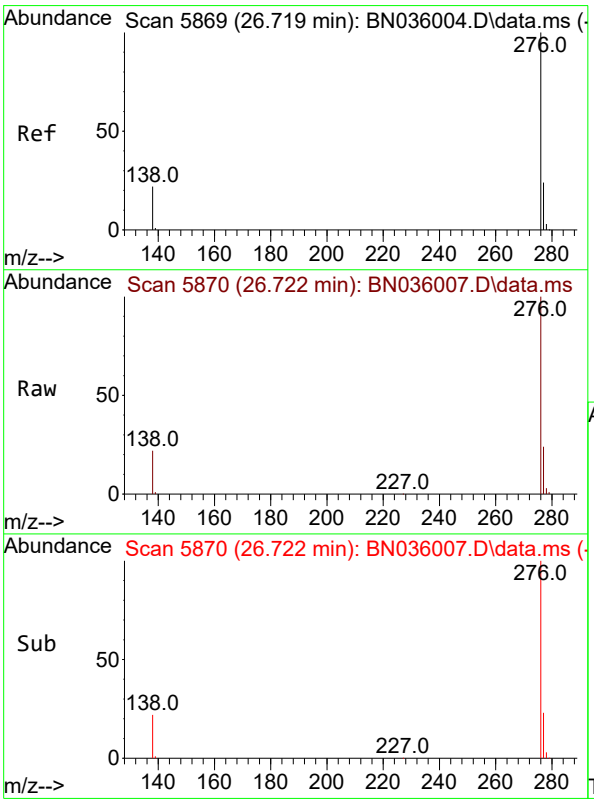
#28
Dibenzo(a,h)anthracene
Concen: 3.406 ng/ul
RT: 26.025 min Scan# 5
Delta R.T. 0.004 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Instrument :
BNA_N
ClientSampleId :
SSTD3.2249

Tgt Ion:278 Resp: 43122

Ion	Ratio	Lower	Upper
278	100		
139	16.7	15.4	23.2
279	23.8	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 3.339 ng/ul
RT: 26.722 min Scan# 5870
Delta R.T. 0.004 min
Lab File: BN036007.D
Acq: 21 Jan 2025 15:35

Tgt Ion:276 Resp: 42599

Ion	Ratio	Lower	Upper
276	100		
138	21.9	19.4	29.0
277	23.8	21.1	31.7