Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012425\
Data File : BN036025.D
Acq On : 24 Jan 2025 14:56
Operator : RC/JU
Sample : PB166119BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS119

Quant Time: Jan 24 23:18:55 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	2309	0.400	ng/ul	0.00
4) Naphthalene-d8	10.604	136	4727	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	2364	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	4901	0.400	ng/ul	0.00
17) Chrysene-d12	21.372	240	4336	0.400	ng/ul	0.00
23) Perylene-d12	23.669	264	4427	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	1562	0.618	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.199	152	2150	0.360	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	4526	0.380	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	2137	0.792	ng/ul	93
5) Naphthalene	10.653	128	2217	0.170	ng/ul	96
7) 2-Methylnaphthalene	12.270	142	1322	0.163	ng/ul	98
8) 1-Methylnaphthalene	12.490	142	1361	0.166	ng/ul	99
10) Acenaphthylene	14.167	152	1822	0.164	ng/ul	97
11) Acenaphthene	14.510	153	1396	0.170	ng/ul	98
12) Fluorene	15.500	166	1485	0.164	ng/ul	99
14) Pentachlorophenol	16.841	266	569	0.331	ng/ul	98
15) Phenanthrene	17.229	178	2424	0.169	ng/ul	97
16) Anthracene	17.322	178	2150	0.161	ng/ul	98
19) Fluoranthene	19.248	202	2853	0.173	ng/ul	96
20) Pyrene	19.610	202	2975	0.173	ng/ul	96
21) Benzo(a)anthracene	21.354	228	2628	0.170	ng/ul	98
22) Chrysene	21.407	228	2734	0.173	ng/ul	97
24) Benzo(b)fluoranthene	22.976	252	2583	0.175	ng/ul	86
25) Benzo(k)fluoranthene	23.020	252	2672	0.172	ng/ul#	84
26) Benzo(a)pyrene	23.567	252	2346	0.176	ng/ul#	80
27) Indeno(1,2,3-cd)pyrene	26.011	276	2903	0.165	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.028	278	2230	0.164	ng/ul#	87
29) Benzo(g,h,i)perylene	26.722	276	2310	0.169	ng/ul	92

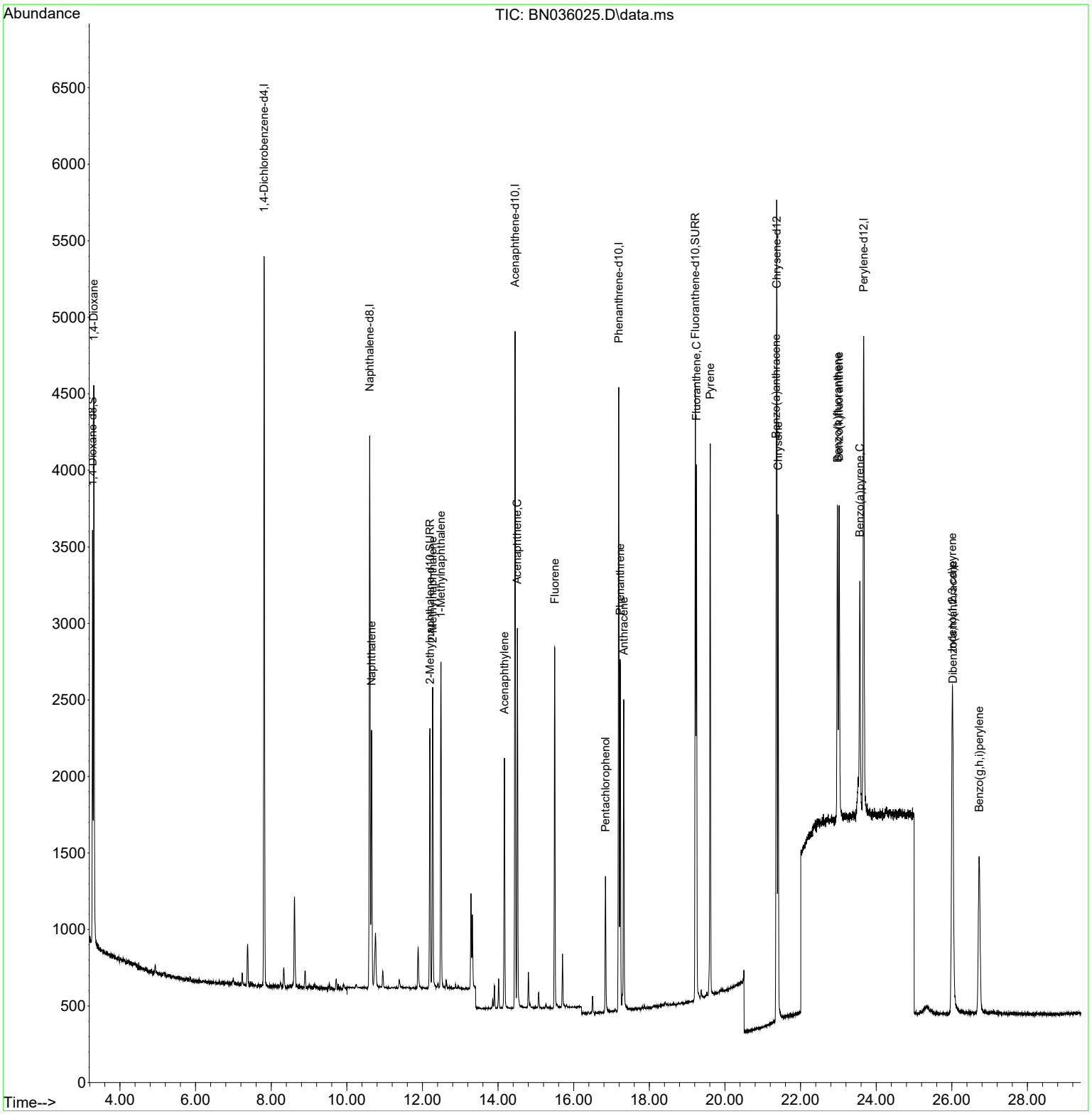
(#) = qualifier out of range (m) = manual integration (+) = signals summed

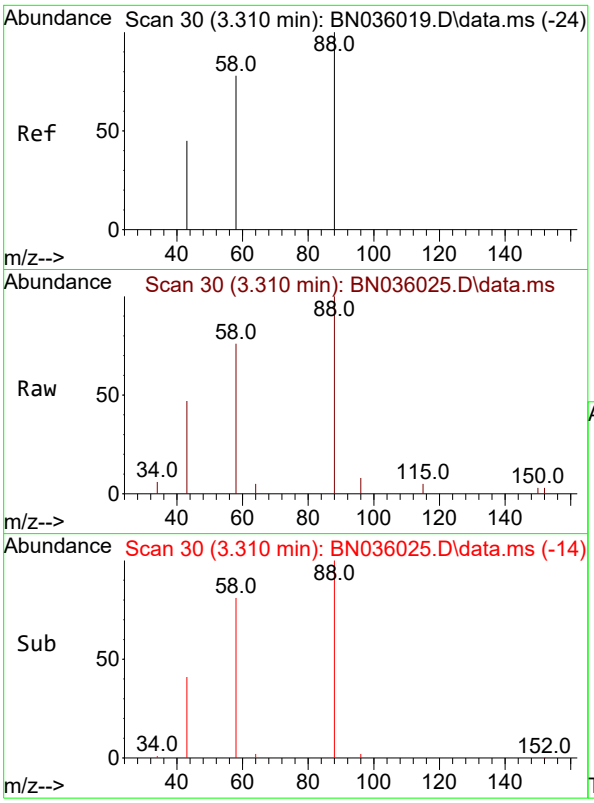
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012425\
Data File : BN036025.D
Acq On : 24 Jan 2025 14:56
Operator : RC/JU
Sample : PB166119BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS119

Quant Time: Jan 24 23:18:55 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



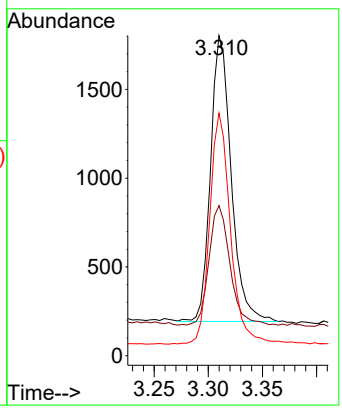


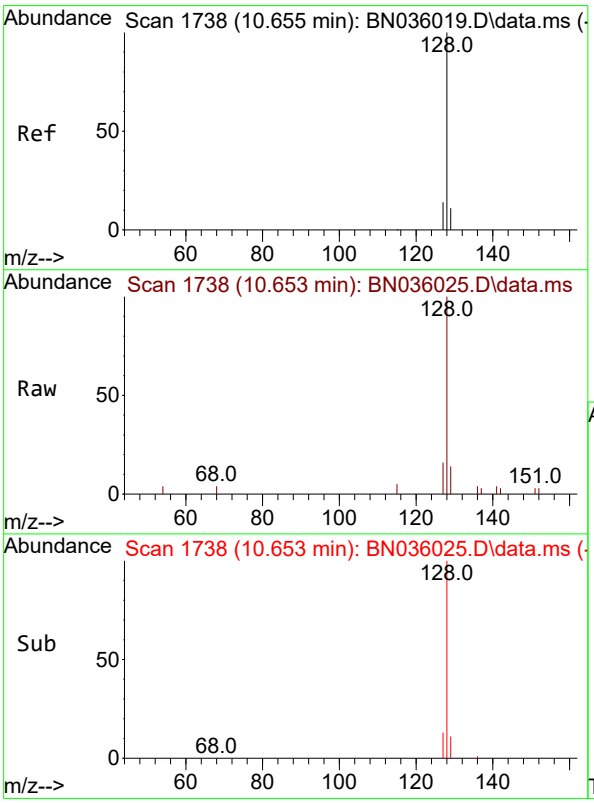
#2
1,4-Dioxane
Concen: 0.792 ng/ul
RT: 3.310 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Instrument :
BNA_N
ClientSampleId :
SLCS119

Tgt Ion: 88 Resp: 2137

Ion	Ratio	Lower	Upper
88	100		
43	46.9	40.7	61.1
58	75.8	55.2	82.8

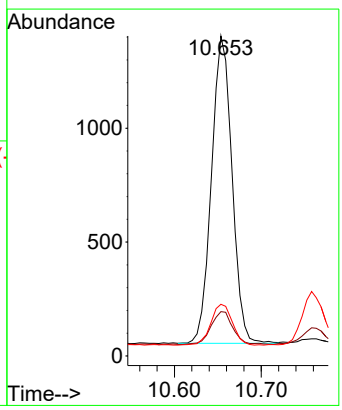


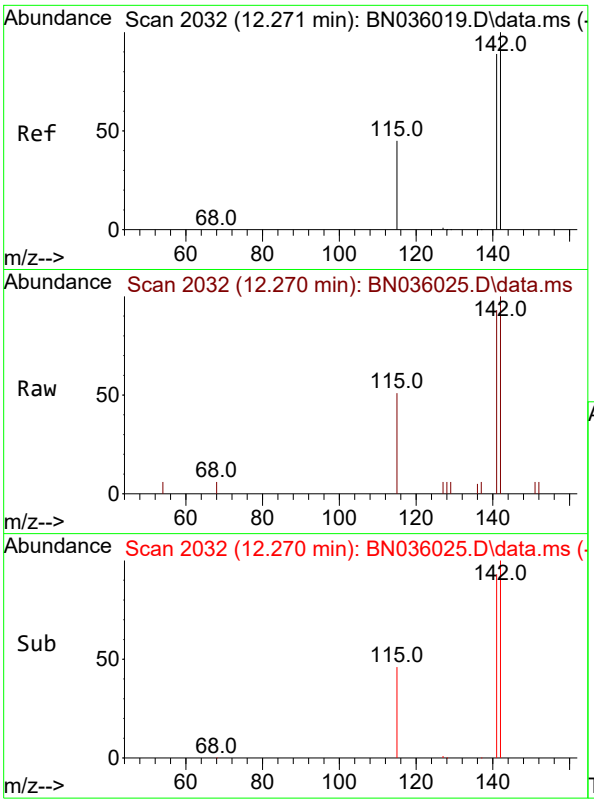


#5
Naphthalene
Concen: 0.170 ng/ul
RT: 10.653 min Scan# 1738
Delta R.T. -0.001 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:128 Resp: 2217

Ion	Ratio	Lower	Upper
128	100		
129	13.9	9.6	14.4
127	16.2	12.0	18.0



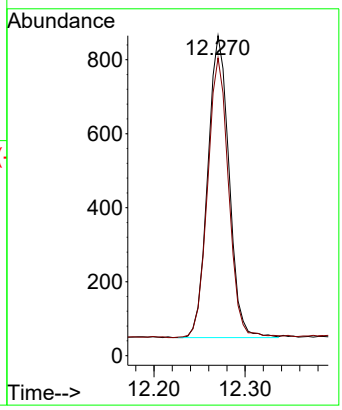


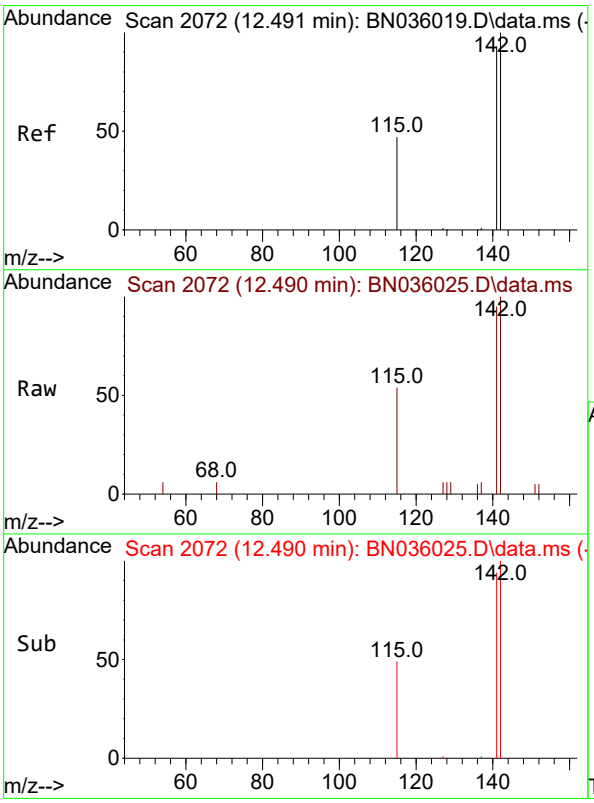
#7
2-Methylnaphthalene
Concen: 0.163 ng/ul
RT: 12.270 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Instrument :
BNA_N
ClientSampleId :
SLCS119

Tgt Ion:142 Resp: 1322

Ion	Ratio	Lower	Upper
142	100		
141	91.6	71.9	107.9

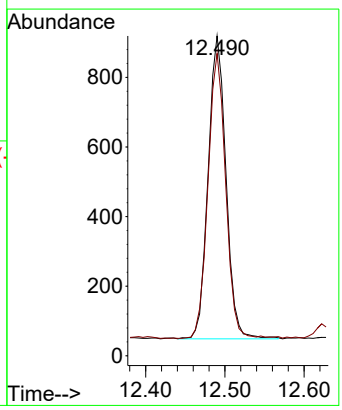


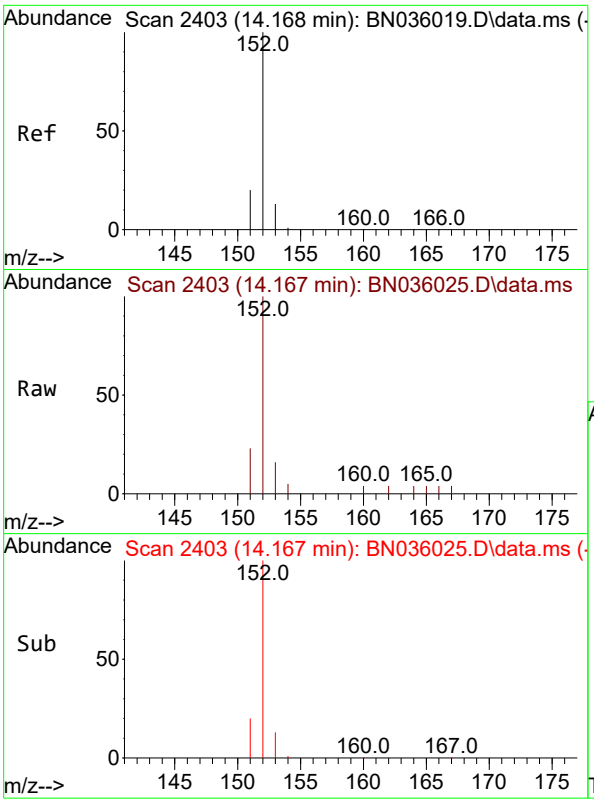


#8
1-Methylnaphthalene
Concen: 0.166 ng/ul
RT: 12.490 min Scan# 2072
Delta R.T. -0.001 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:142 Resp: 1361

Ion	Ratio	Lower	Upper
142	100		
141	93.2	75.2	112.8



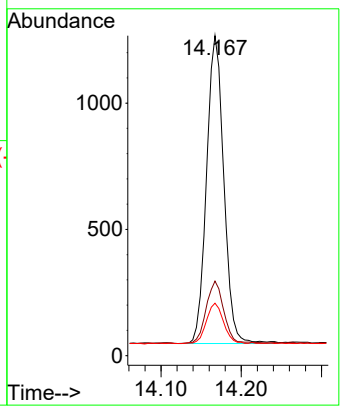


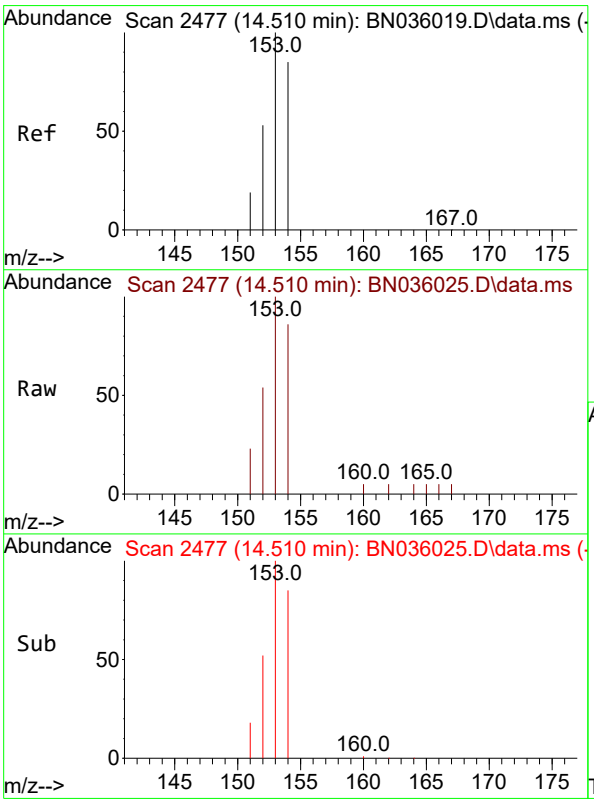
#10
Acenaphthylene
Concen: 0.164 ng/ul
RT: 14.167 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Instrument :
BNA_N
ClientSampleId :
SLCS119

Tgt Ion:152 Resp: 1822

Ion	Ratio	Lower	Upper
152	100		
151	23.3	17.4	26.2
153	16.4	11.9	17.9

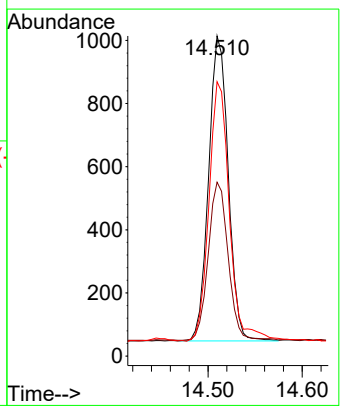


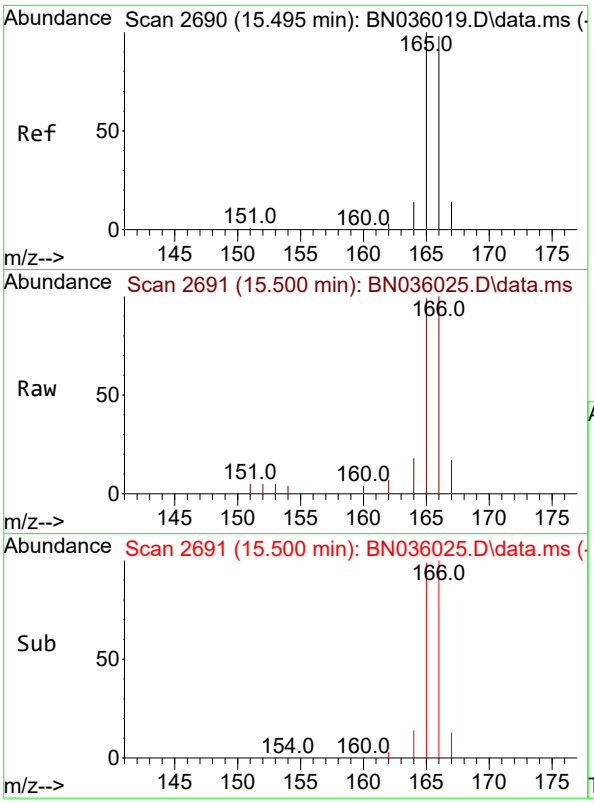


#11
Acenaphthene
Concen: 0.170 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:153 Resp: 1396

Ion	Ratio	Lower	Upper
153	100		
152	54.3	43.2	64.8
154	85.7	70.5	105.7



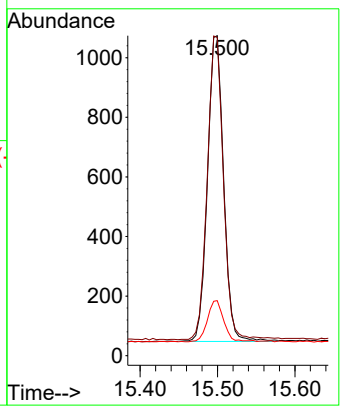


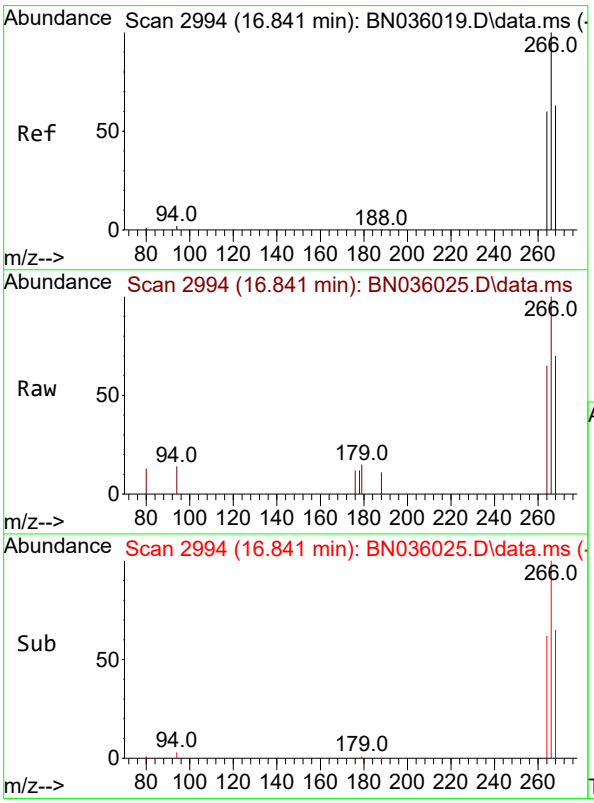
#12
Fluorene
Concen: 0.164 ng/ul
RT: 15.500 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Instrument :
BNA_N
ClientSampleId :
SLCS119

Tgt Ion:166 Resp: 1485

Ion	Ratio	Lower	Upper
166	100		
165	99.4	80.3	120.5
167	17.2	12.3	18.5

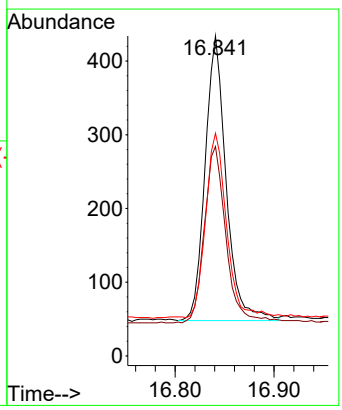


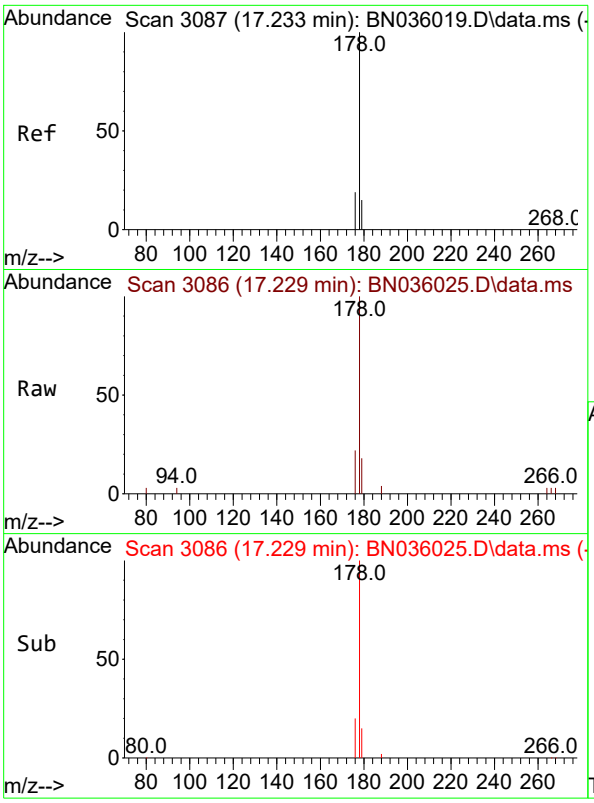


#14
Pentachlorophenol
Concen: 0.331 ng/ul
RT: 16.841 min Scan# 2994
Delta R.T. 0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:266 Resp: 569

Ion	Ratio	Lower	Upper
266	100		
264	64.0	50.6	75.8
268	64.9	50.6	75.8



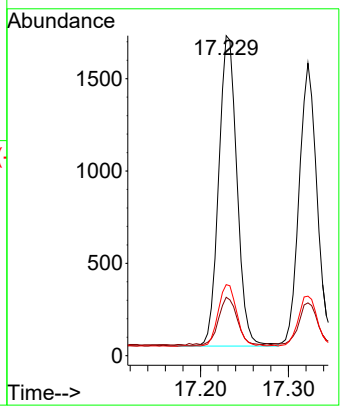


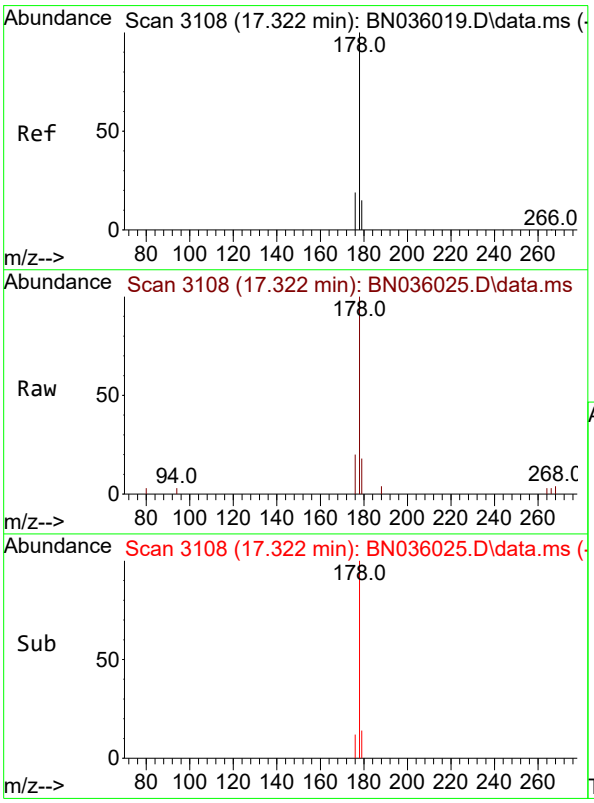
#15
Phenanthrene
Concen: 0.169 ng/ul
RT: 17.229 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Instrument :
BNA_N
ClientSampleId :
SLCS119

Tgt Ion:178 Resp: 2424

Ion	Ratio	Lower	Upper
178	100		
179	18.2	13.2	19.8
176	22.2	16.8	25.2

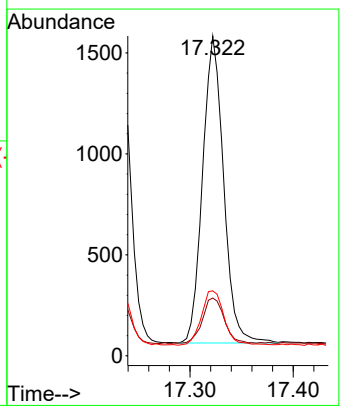


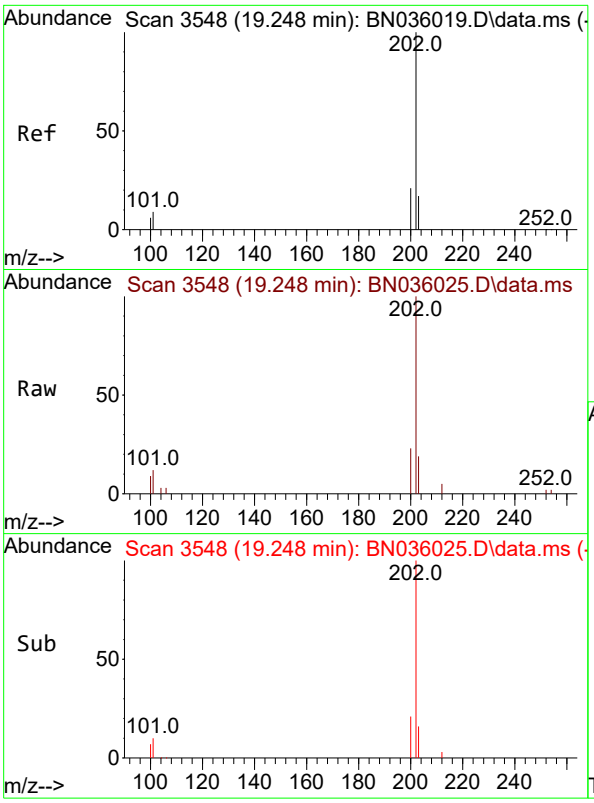


#16
Anthracene
Concen: 0.161 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. 0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:178 Resp: 2150

Ion	Ratio	Lower	Upper
178	100		
179	18.1	13.0	19.4
176	20.3	15.9	23.9



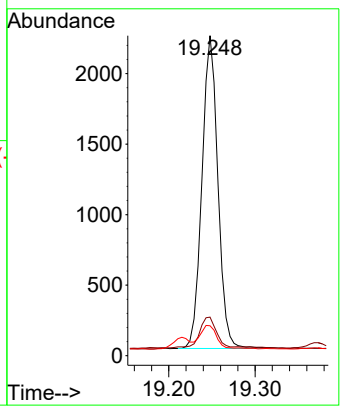


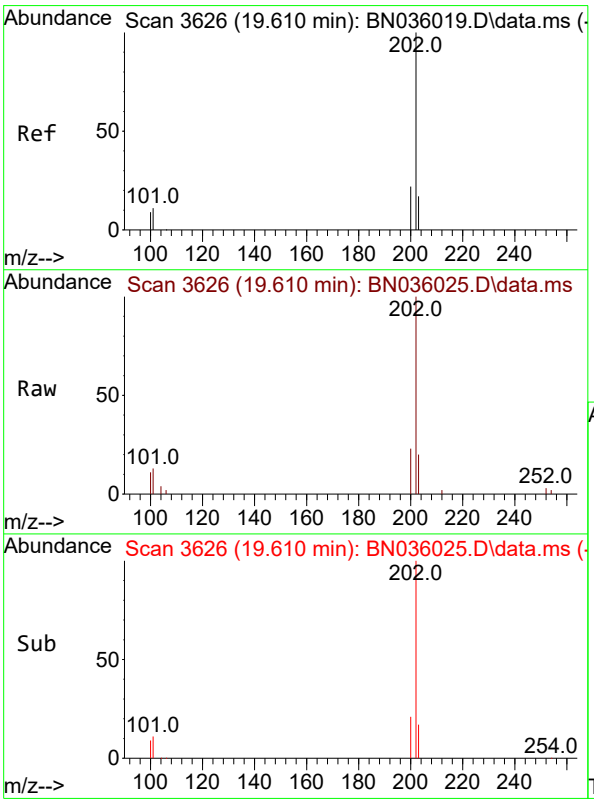
#19
Fluoranthene
Concen: 0.173 ng/ul
RT: 19.248 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Instrument :
BNA_N
ClientSampleId :
SLCS119

Tgt Ion:202 Resp: 2853

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.4	12.6
100	9.3	6.5	9.7

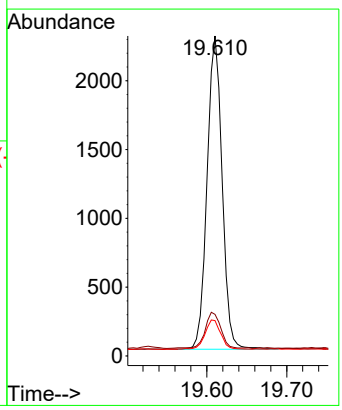


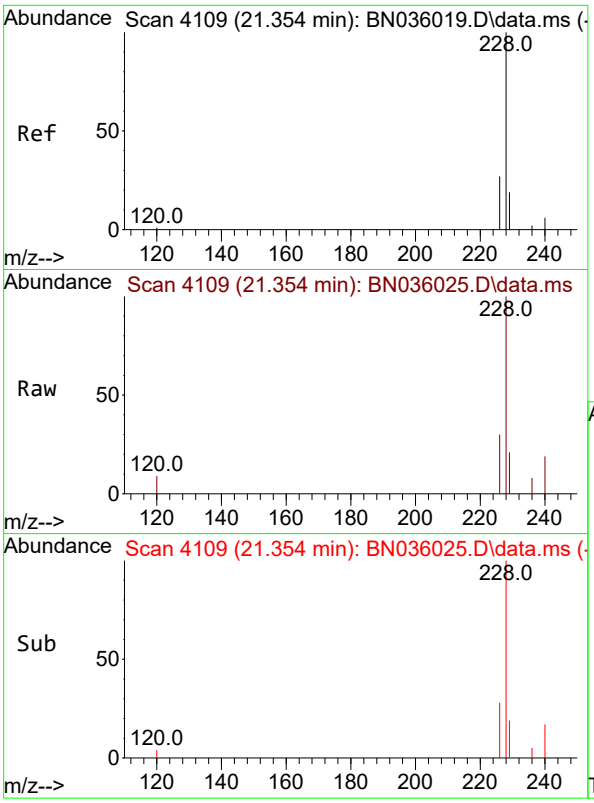


#20
Pyrene
Concen: 0.173 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:202 Resp: 2975

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.3	13.9
100	11.1	7.5	11.3



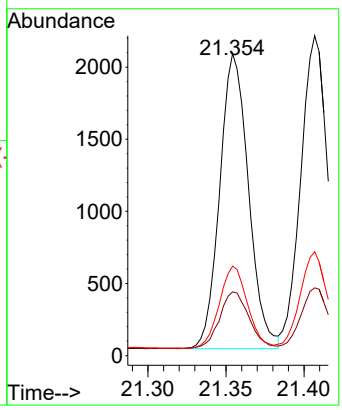


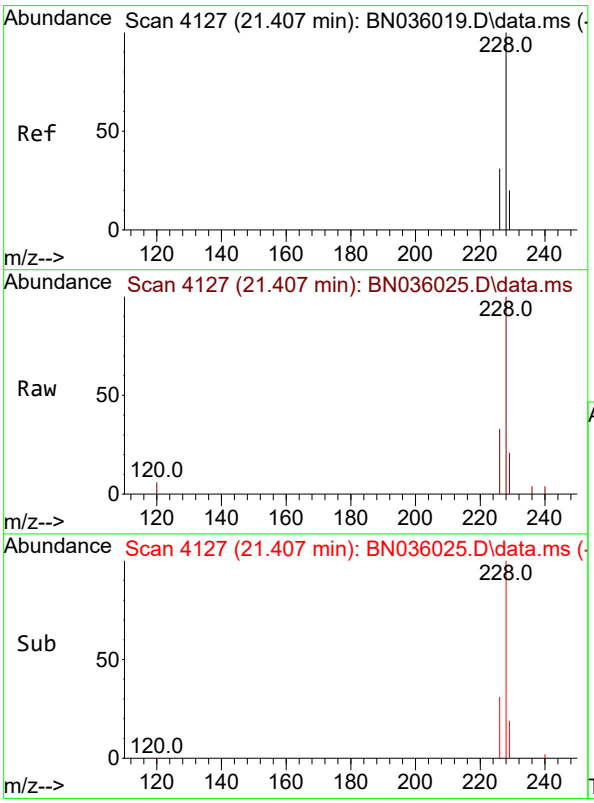
#21
Benzo(a)anthracene
Concen: 0.170 ng/ul
RT: 21.354 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Instrument :
BNA_N
ClientSampleId :
SLCS119

Tgt Ion:228 Resp: 2628

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.9	23.9
226	29.6	22.8	34.2

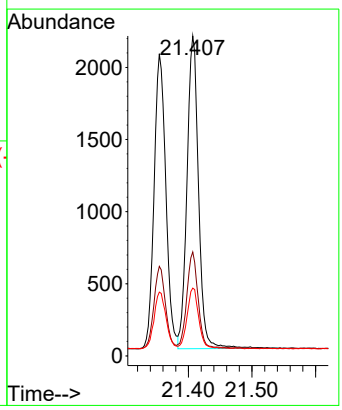


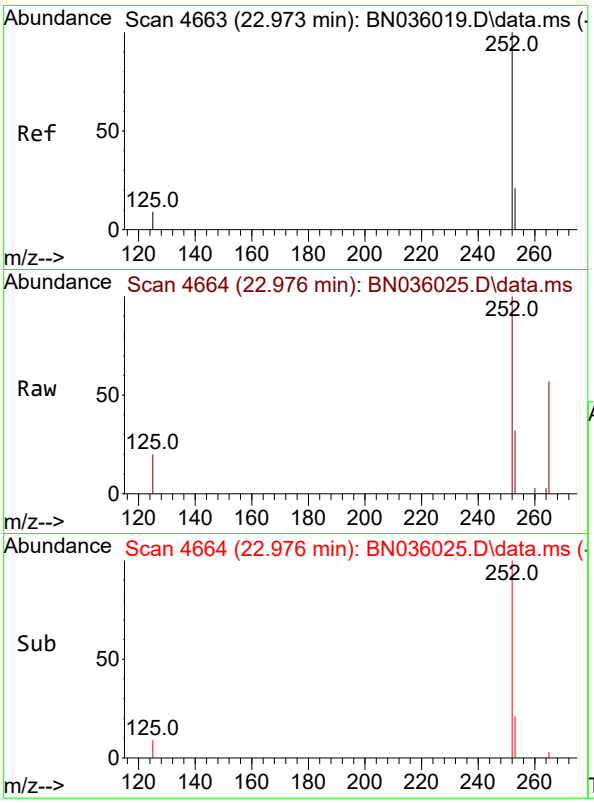


#22
Chrysene
Concen: 0.173 ng/ul
RT: 21.407 min Scan# 4127
Delta R.T. 0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:228 Resp: 2734

Ion	Ratio	Lower	Upper
228	100		
226	32.5	24.4	36.6
229	21.2	15.9	23.9



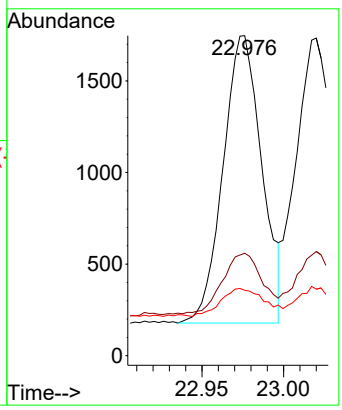


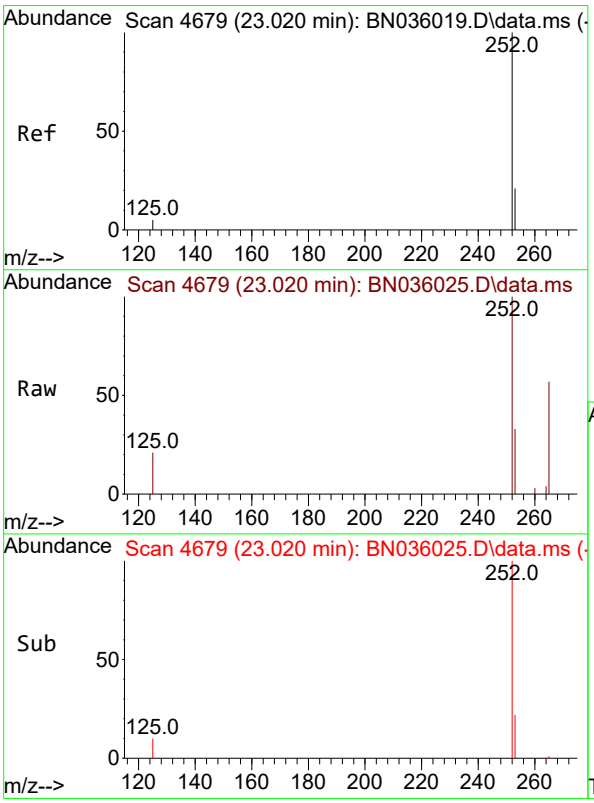
#24
Benzo(b)fluoranthene
Concen: 0.175 ng/ul
RT: 22.976 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Instrument :
BNA_N
ClientSampleId :
SLCS119

Tgt Ion:252 Resp: 2583

Ion	Ratio	Lower	Upper
252	100		
253	32.0	0.0	51.2
125	20.5	0.0	27.8

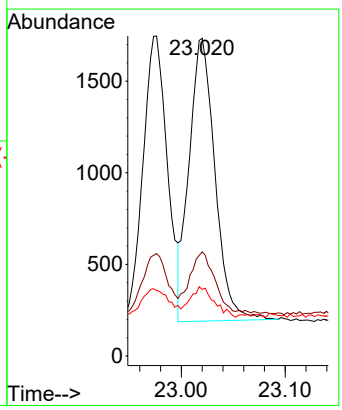


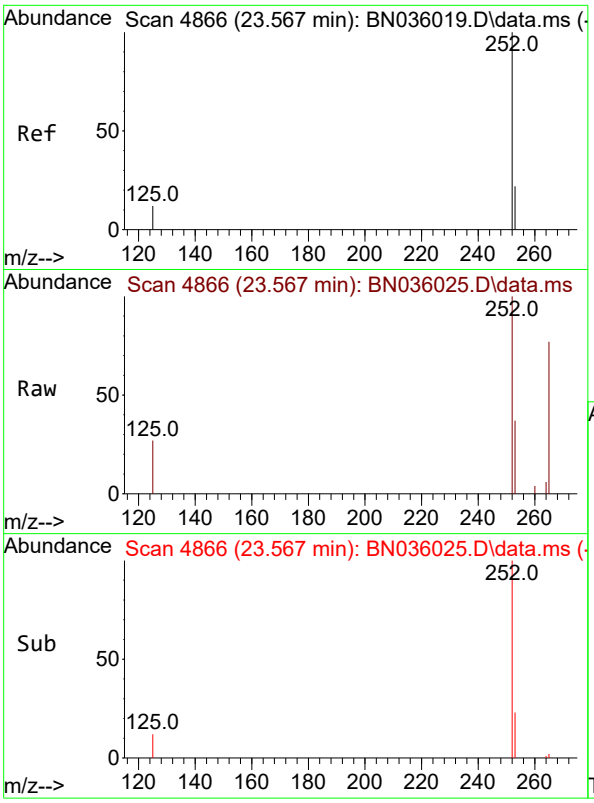


#25
Benzo(k)fluoranthene
Concen: 0.172 ng/ul
RT: 23.020 min Scan# 4679
Delta R.T. 0.000 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:252 Resp: 2672

Ion	Ratio	Lower	Upper
252	100		
253	32.8	20.2	30.4#
125	21.0	10.6	16.0#



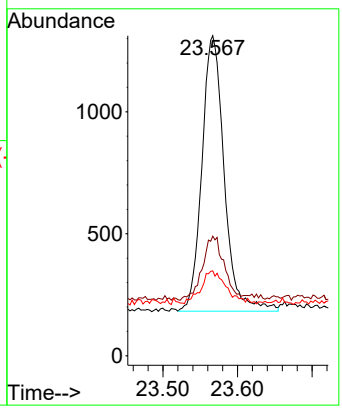


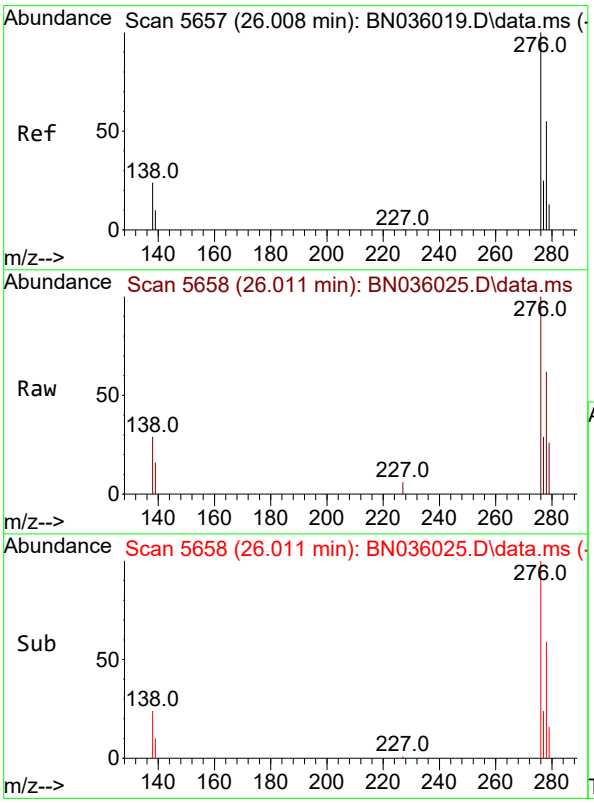
#26
Benzo(a)pyrene
Concen: 0.176 ng/ul
RT: 23.567 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Instrument :
BNA_N
ClientSampleId :
SLCS119

Tgt Ion:252 Resp: 2346

Ion	Ratio	Lower	Upper
252	100		
253	37.3	22.2	33.4#
125	26.5	13.1	19.7#

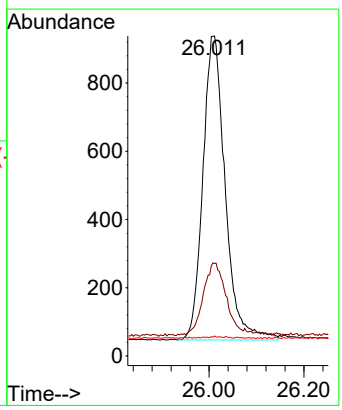


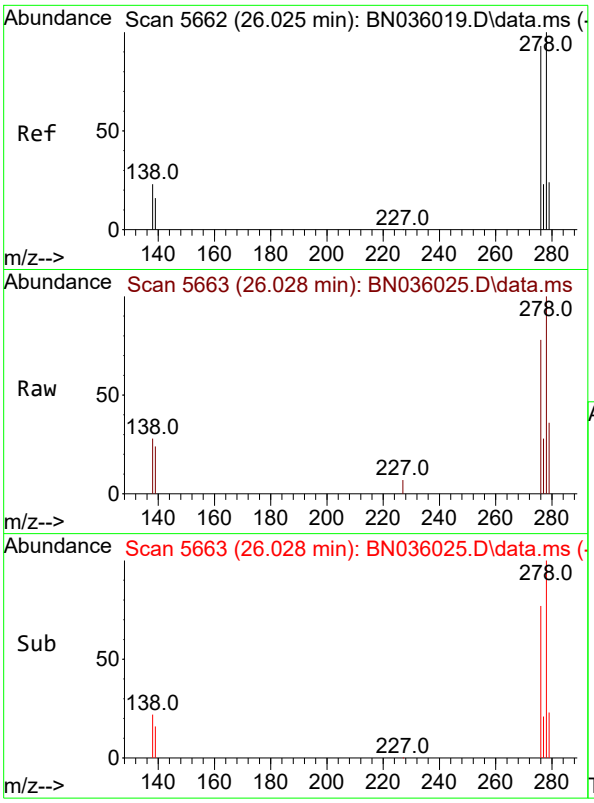


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.165 ng/ul
RT: 26.011 min Scan# 5658
Delta R.T. 0.007 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:276 Resp: 2903

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



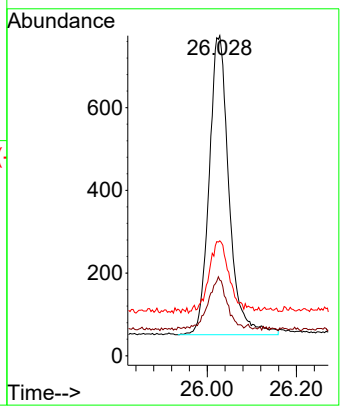


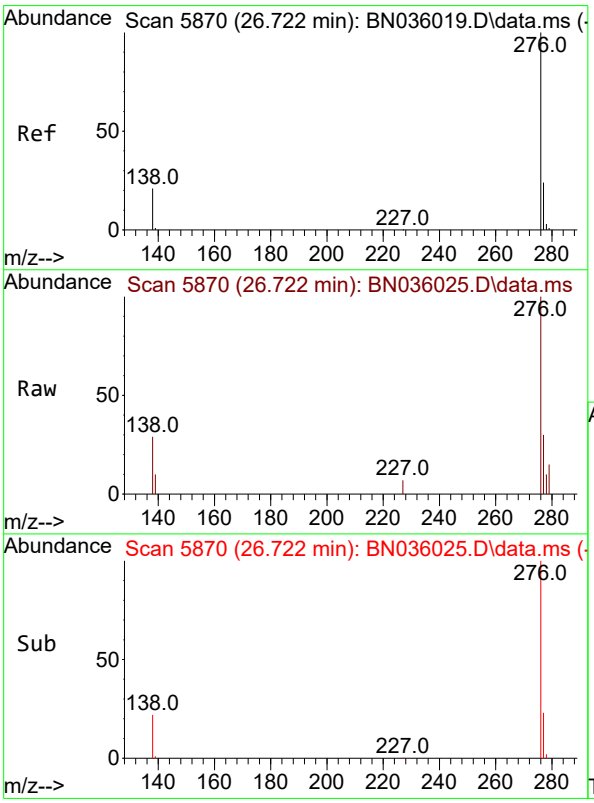
#28
Dibenzo(a,h)anthracene
Concen: 0.164 ng/ul
RT: 26.028 min Scan# 5
Delta R.T. 0.007 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Instrument :
BNA_N
ClientSampleId :
SLCS119

Tgt Ion:278 Resp: 2230

Ion	Ratio	Lower	Upper
278	100		
139	23.6	15.4	23.2#
279	35.9	22.2	33.4#





#29
Benzo(g,h,i)perylene
Concen: 0.169 ng/ul
RT: 26.722 min Scan# 5870
Delta R.T. 0.004 min
Lab File: BN036025.D
Acq: 24 Jan 2025 14:56

Tgt Ion:276 Resp: 2310

Ion	Ratio	Lower	Upper
276	100		
138	28.9	19.4	29.0
277	30.0	21.1	31.7