Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012125\
Data File : BN036005.D
Acq On : 21 Jan 2025 14:23
Operator : RC/JU
Sample : SSTD0.858
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Quant Time: Jan 21 23:46:10 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

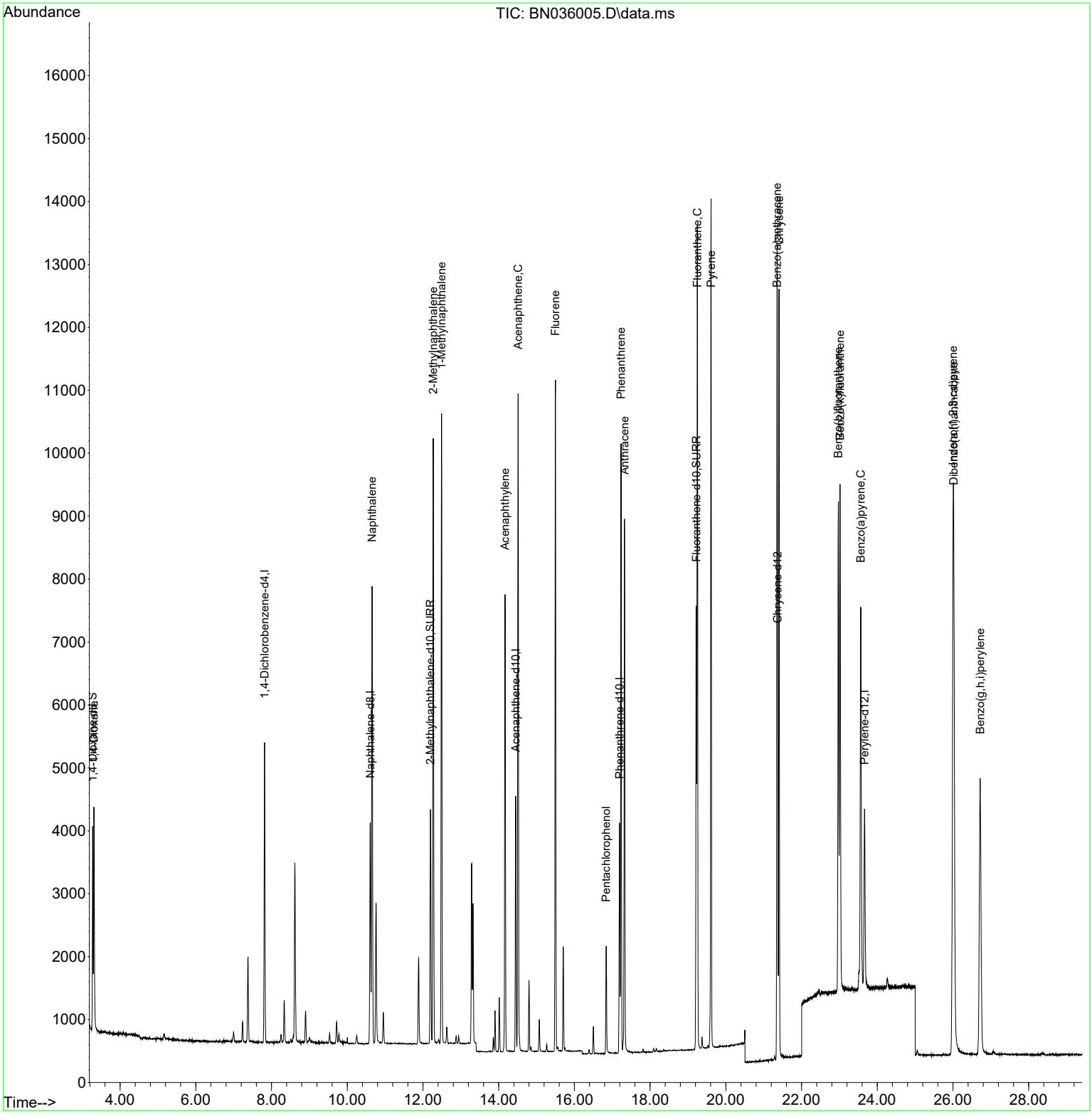
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	2300	0.400	ng/ul	0.00
4) Naphthalene-d8	10.609	136	4556	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.449	164	2096	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	4208	0.400	ng/ul	0.00
17) Chrysene-d12	21.369	240	3558	0.400	ng/ul	0.00
23) Perylene-d12	23.663	264	3755	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	1897	0.753	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.199	152	4472	0.777	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	7736	0.791	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	2058	0.766	ng/ul	92
5) Naphthalene	10.653	128	9922	0.791	ng/ul	99
7) 2-Methylnaphthalene	12.270	142	6169	0.791	ng/ul	100
8) 1-Methylnaphthalene	12.490	142	6149	0.777	ng/ul	99
10) Acenaphthylene	14.167	152	8033	0.813	ng/ul	97
11) Acenaphthene	14.514	153	5832	0.802	ng/ul	97
12) Fluorene	15.500	166	6523	0.812	ng/ul	99
14) Pentachlorophenol	16.841	266	1103	0.748	ng/ul	99
15) Phenanthrene	17.233	178	9762	0.792	ng/ul	99
16) Anthracene	17.322	178	9115	0.796	ng/ul	100
19) Fluoranthene	19.248	202	10846	0.802	ng/ul	98
20) Pyrene	19.610	202	11278	0.799	ng/ul	98
21) Benzo(a)anthracene	21.354	228	10147	0.799	ng/ul	99
22) Chrysene	21.407	228	10332	0.796	ng/ul	99
24) Benzo(b)fluoranthene	22.970	252	10009	0.799	ng/ul	95
25) Benzo(k)fluoranthene	23.017	252	10625	0.806	ng/ul	97
26) Benzo(a)pyrene	23.564	252	9233	0.816	ng/ul	94
27) Indeno(1,2,3-cd)pyrene	26.005	276	12173	0.813	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.021	278	9437	0.818	ng/ul	97
29) Benzo(g,h,i)perylene	26.719	276	9442	0.812	ng/ul	97

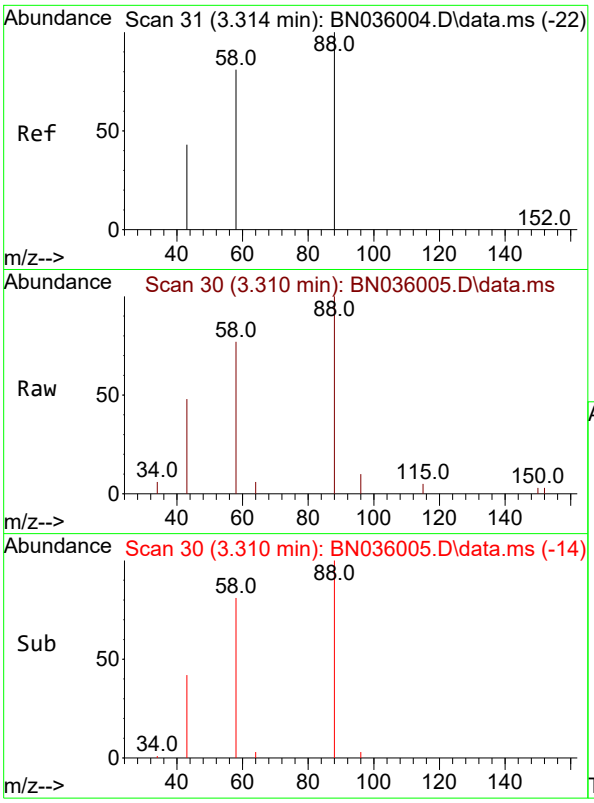
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012125\
Data File : BN036005.D
Acq On : 21 Jan 2025 14:23
Operator : RC/JU
Sample : SSTD0.858
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Quant Time: Jan 21 23:46:10 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



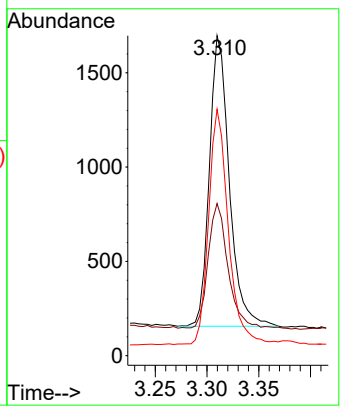


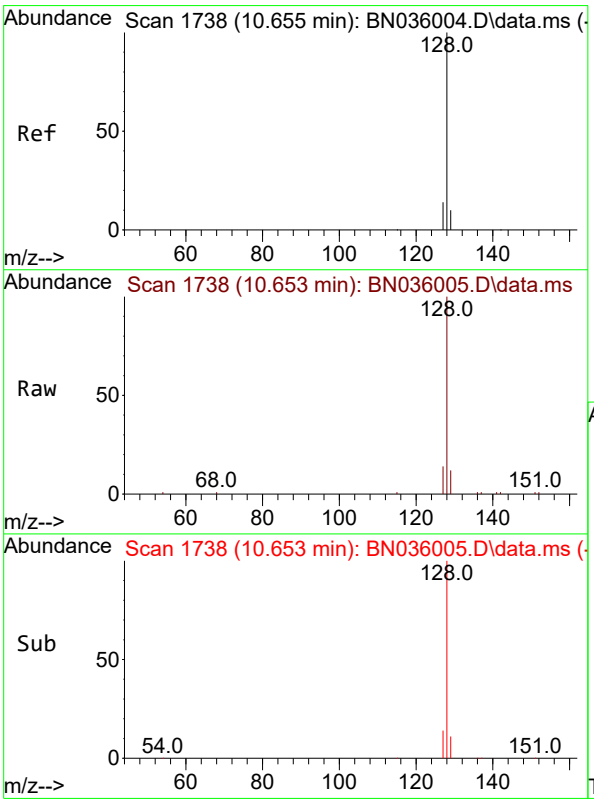
#2
1,4-Dioxane
Concen: 0.766 ng/ul
RT: 3.310 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion: 88 Resp: 2058

Ion	Ratio	Lower	Upper
88	100		
43	47.6	40.7	61.1
58	77.0	55.2	82.8

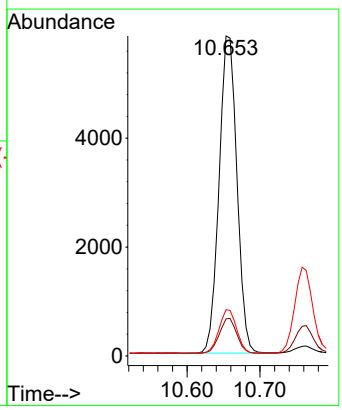


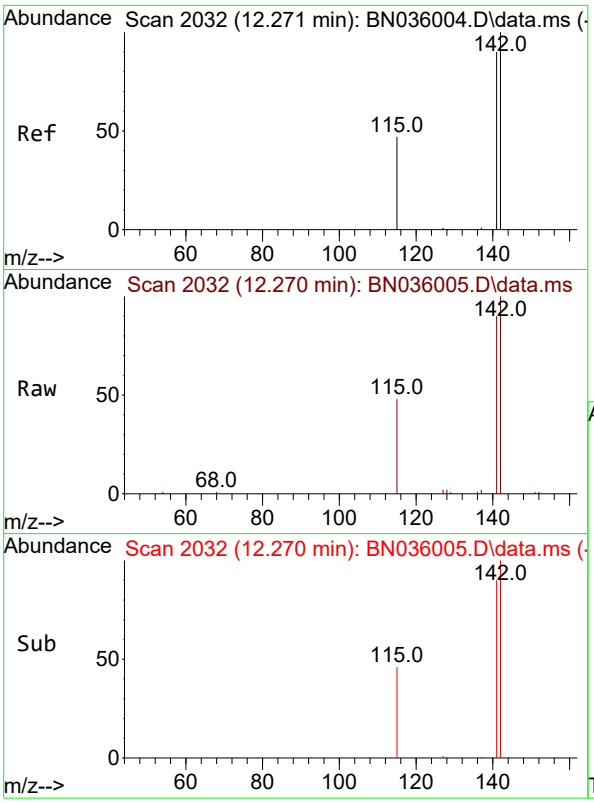


#5
Naphthalene
Concen: 0.791 ng/ul
RT: 10.653 min Scan# 1738
Delta R.T. -0.001 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Tgt Ion:128 Resp: 9922

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.6	14.4
127	14.5	12.0	18.0



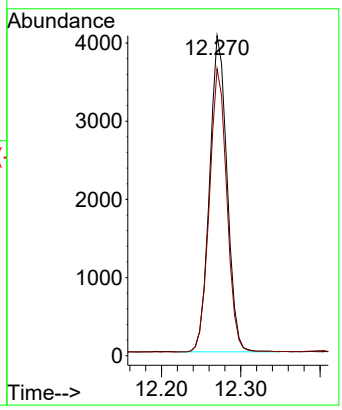


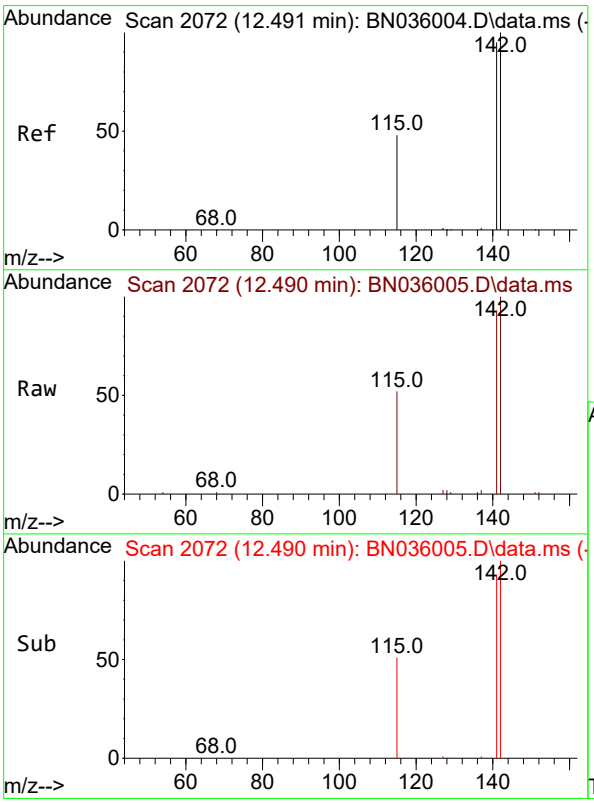
#7
2-Methylnaphthalene
Concen: 0.791 ng/ul
RT: 12.270 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:142 Resp: 6169

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.9	107.9

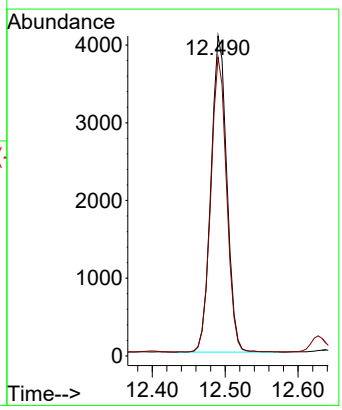


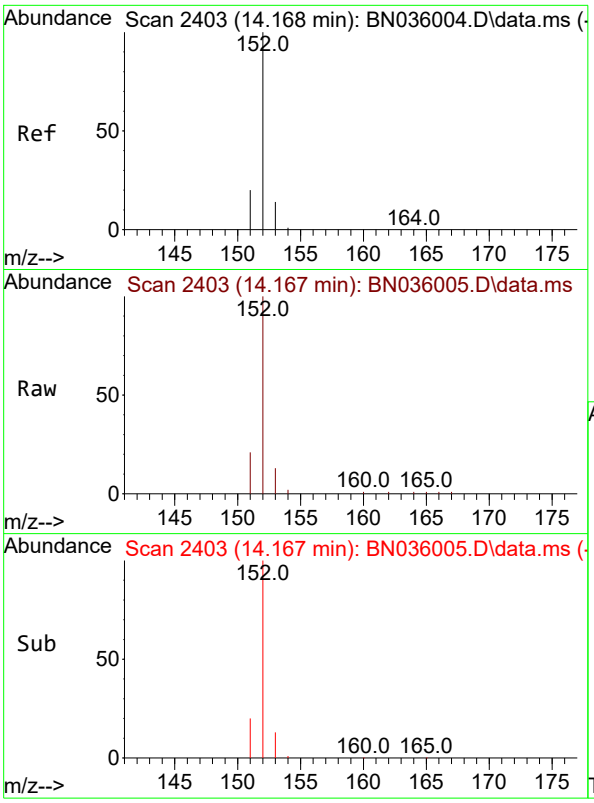


#8
1-Methylnaphthalene
Concen: 0.777 ng/ul
RT: 12.490 min Scan# 2072
Delta R.T. -0.001 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Tgt Ion:142 Resp: 6149

Ion	Ratio	Lower	Upper
142	100		
141	93.3	75.2	112.8



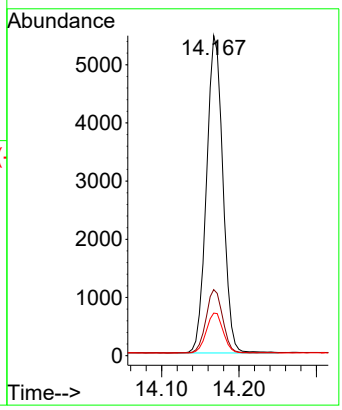


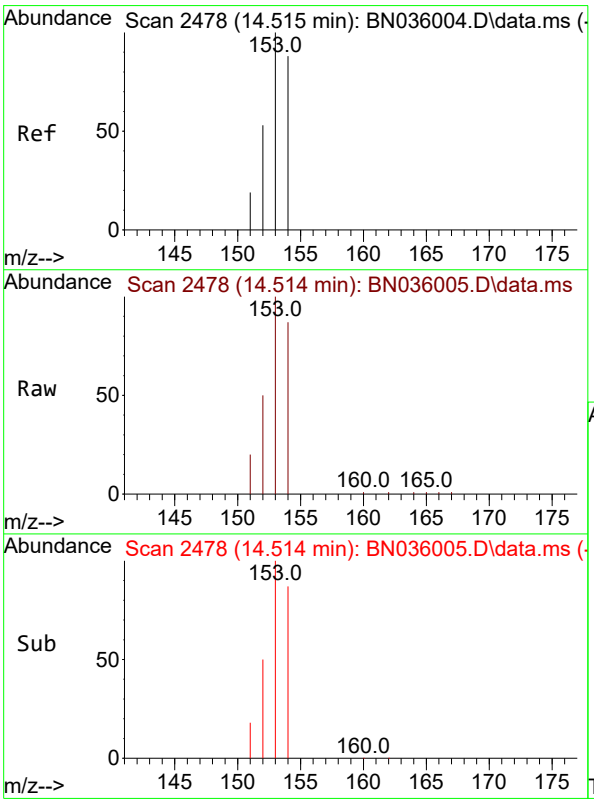
#10
Acenaphthylene
Concen: 0.813 ng/ul
RT: 14.167 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:152 Resp: 8033

Ion	Ratio	Lower	Upper
152	100		
151	20.7	17.4	26.2
153	13.3	11.9	17.9

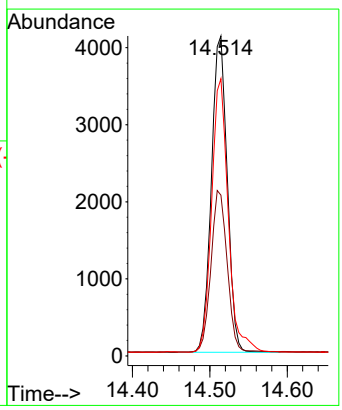


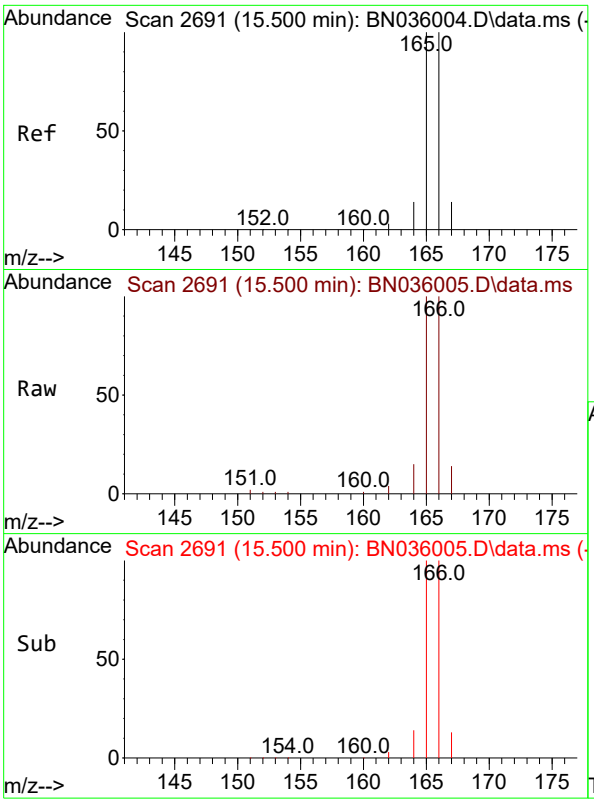


#11
Acenaphthene
Concen: 0.802 ng/ul
RT: 14.514 min Scan# 2478
Delta R.T. -0.000 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Tgt Ion:153 Resp: 5832

Ion	Ratio	Lower	Upper
153	100		
152	50.3	43.2	64.8
154	86.7	70.5	105.7



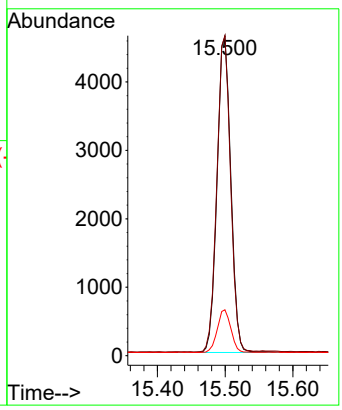


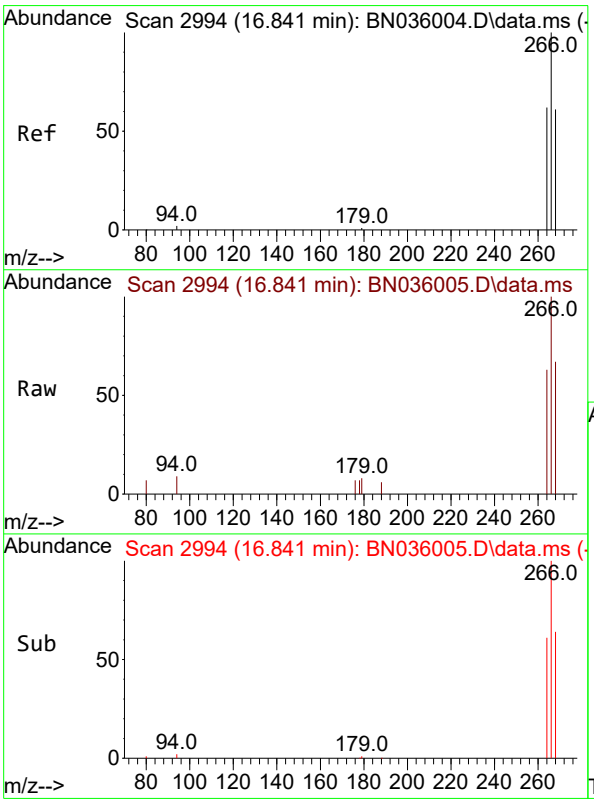
#12
Fluorene
Concen: 0.812 ng/ul
RT: 15.500 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:166 Resp: 6523

Ion	Ratio	Lower	Upper
166	100		
165	100.2	80.3	120.5
167	14.4	12.3	18.5

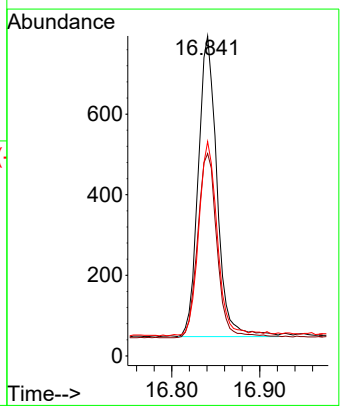


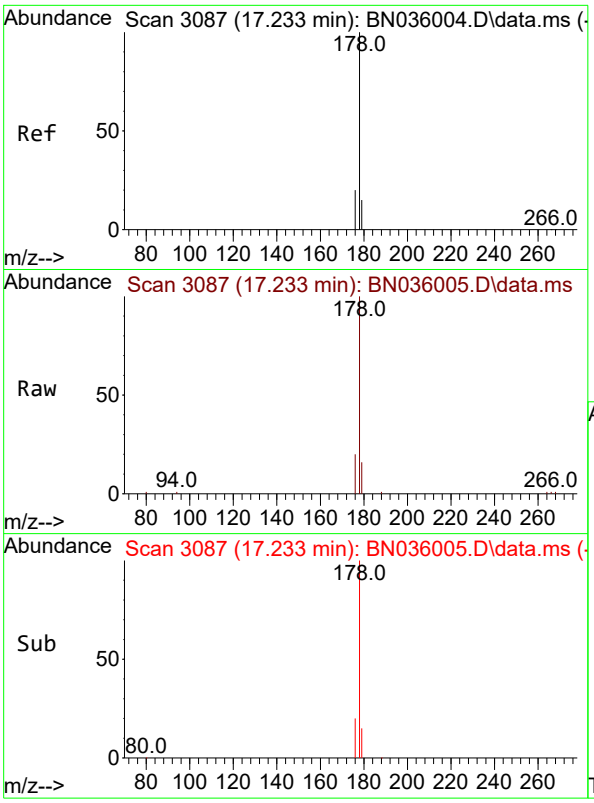


#14
Pentachlorophenol
Concen: 0.748 ng/ul
RT: 16.841 min Scan# 2994
Delta R.T. -0.000 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Tgt Ion:266 Resp: 1103

Ion	Ratio	Lower	Upper
266	100		
264	63.6	50.6	75.8
268	65.0	50.6	75.8



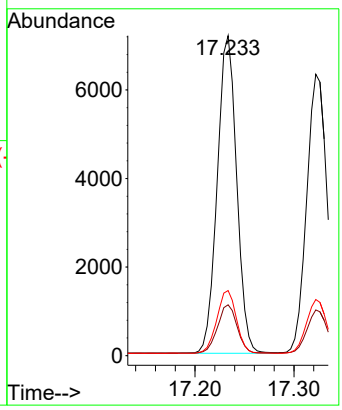


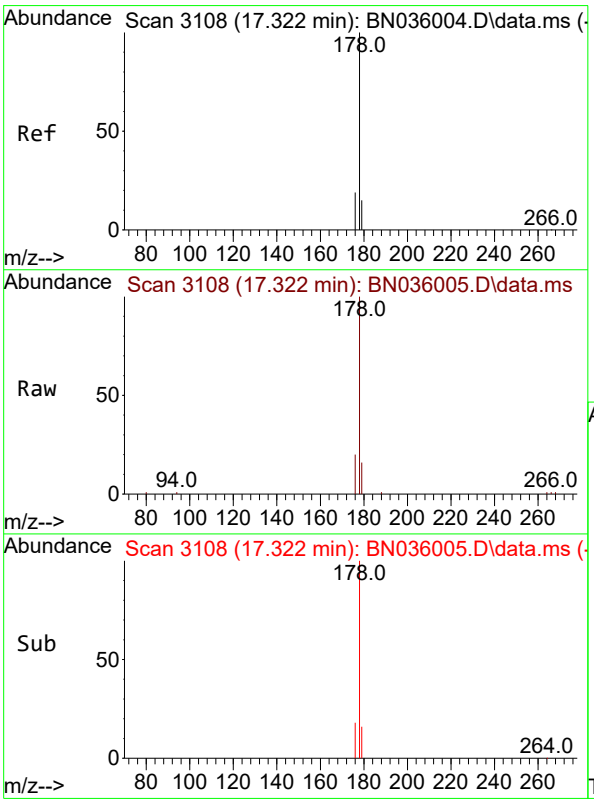
#15
Phenanthrene
Concen: 0.792 ng/ul
RT: 17.233 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:178 Resp: 9762

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.2	19.8
176	20.4	16.8	25.2

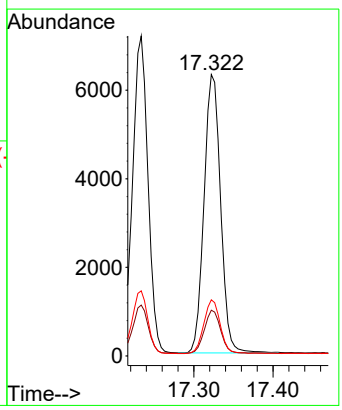


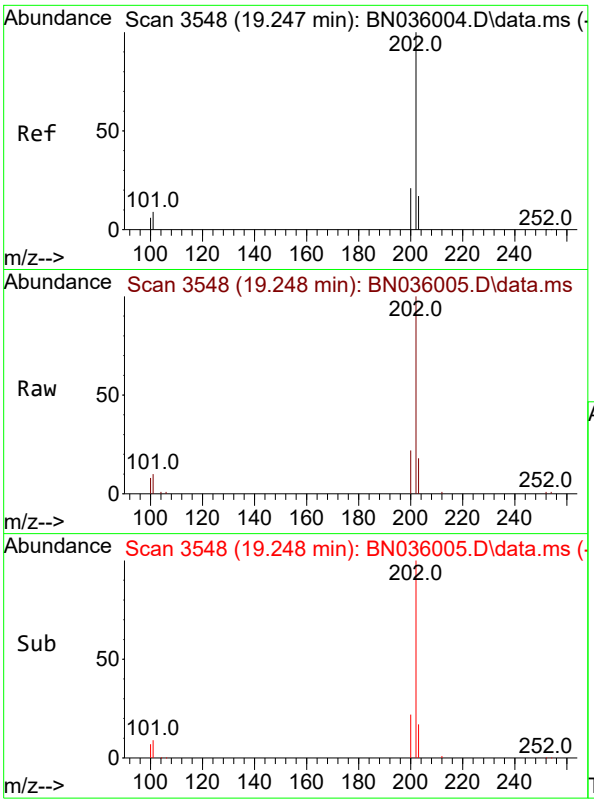


#16
Anthracene
Concen: 0.796 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Tgt Ion:178 Resp: 9115

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.0	19.4
176	19.9	15.9	23.9



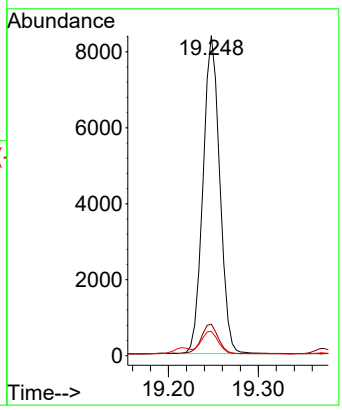


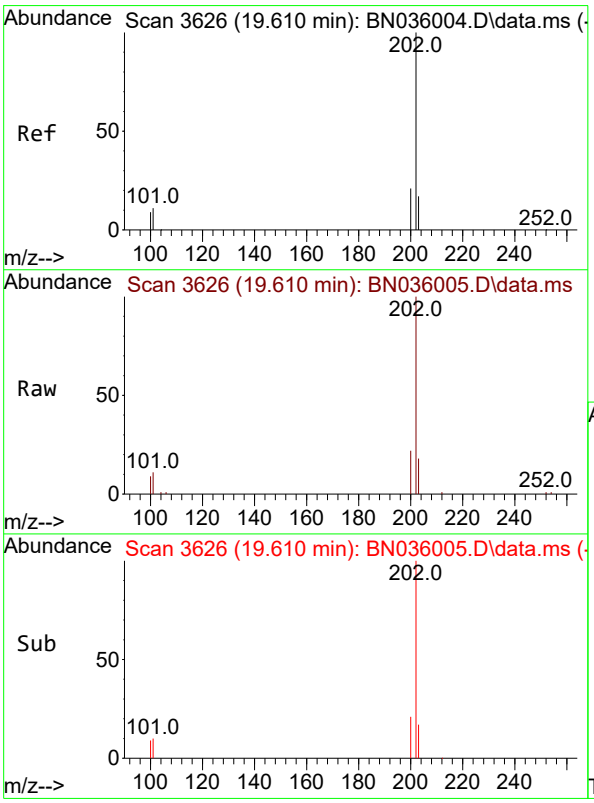
#19
Fluoranthene
Concen: 0.802 ng/ul
RT: 19.248 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:202 Resp: 10846

Ion	Ratio	Lower	Upper
202	100		
101	9.9	8.4	12.6
100	7.6	6.5	9.7

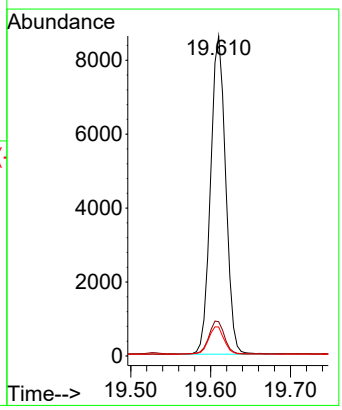


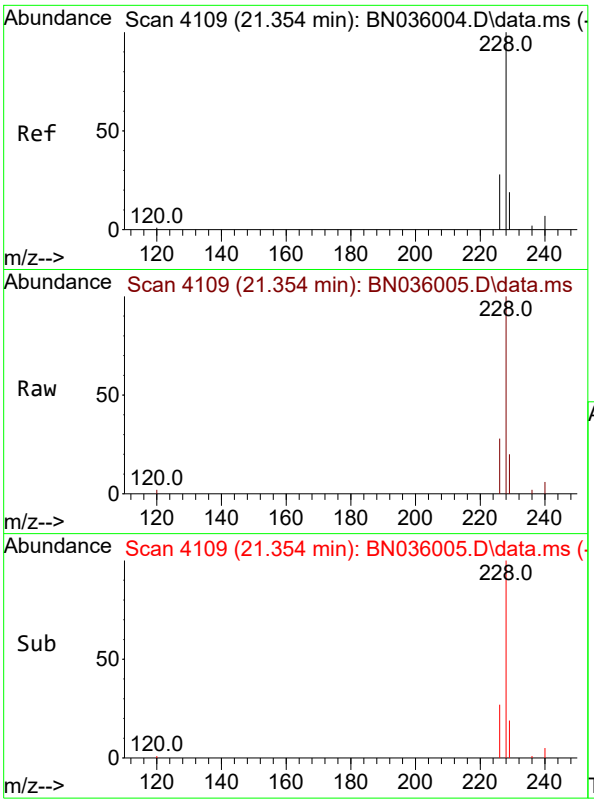


#20
Pyrene
Concen: 0.799 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Tgt Ion:202 Resp: 11278

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.3	13.9
100	9.0	7.5	11.3



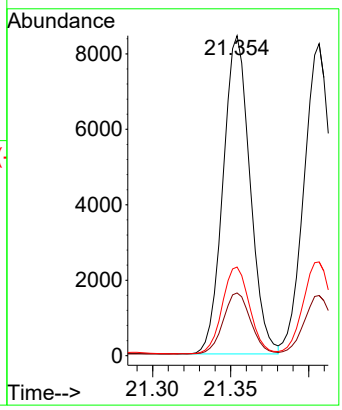


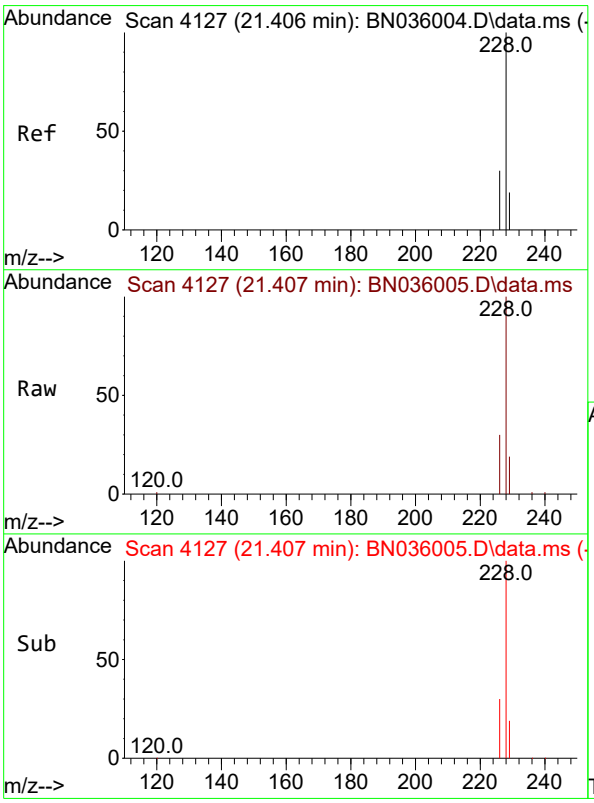
#21
Benzo(a)anthracene
Concen: 0.799 ng/ul
RT: 21.354 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:228 Resp: 10147

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.9	23.9
226	27.7	22.8	34.2

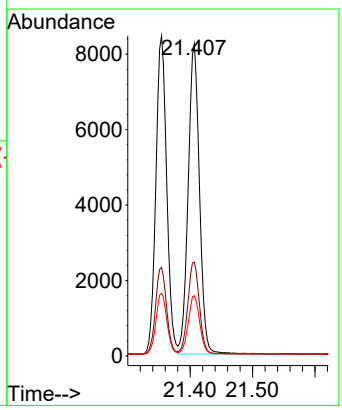


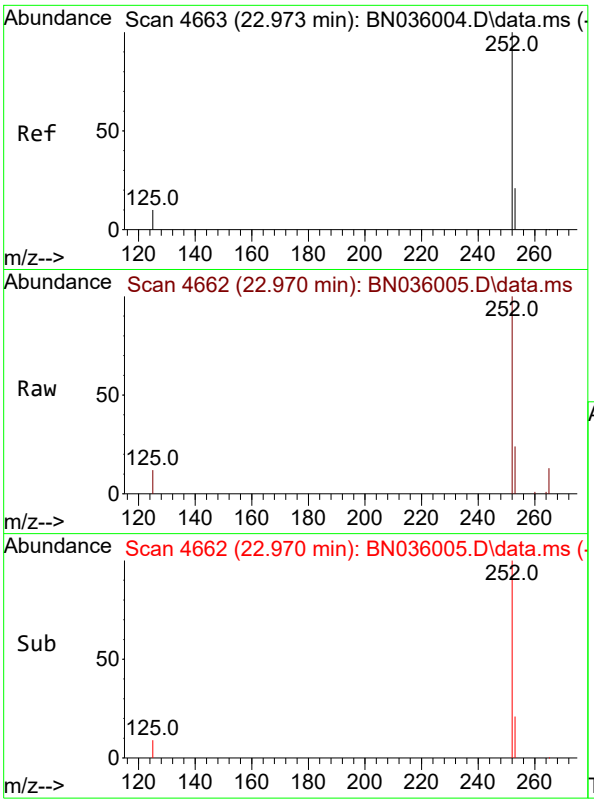


#22
Chrysene
Concen: 0.796 ng/ul
RT: 21.407 min Scan# 4127
Delta R.T. 0.000 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Tgt Ion:228 Resp: 10332

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.4	36.6
229	19.3	15.9	23.9



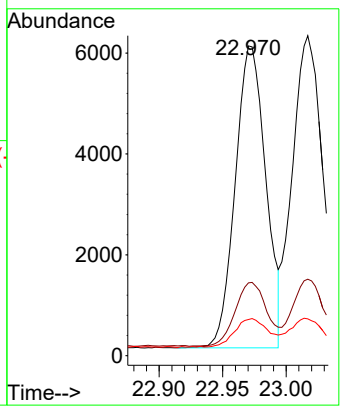


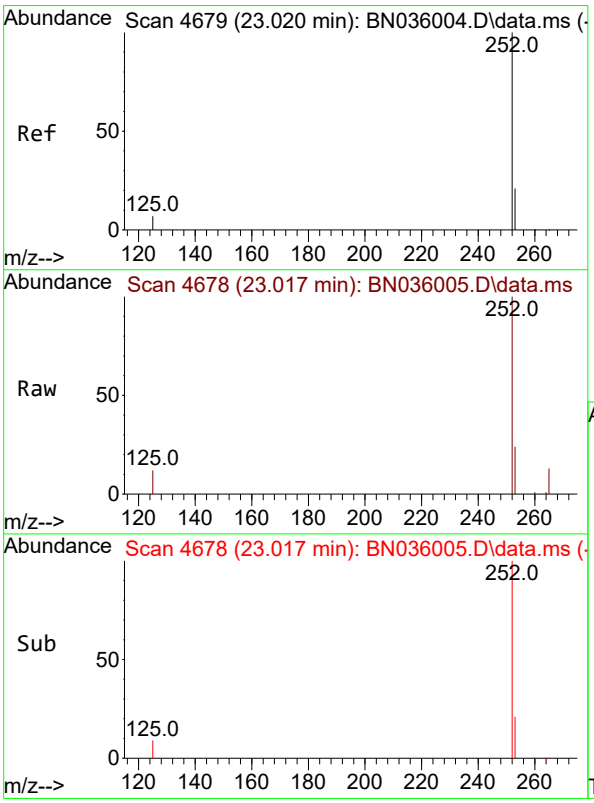
#24
Benzo(b)fluoranthene
Concen: 0.799 ng/ul
RT: 22.970 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:252 Resp: 10009

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	51.2
125	11.7	0.0	27.8

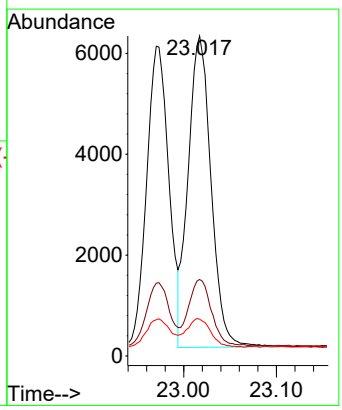


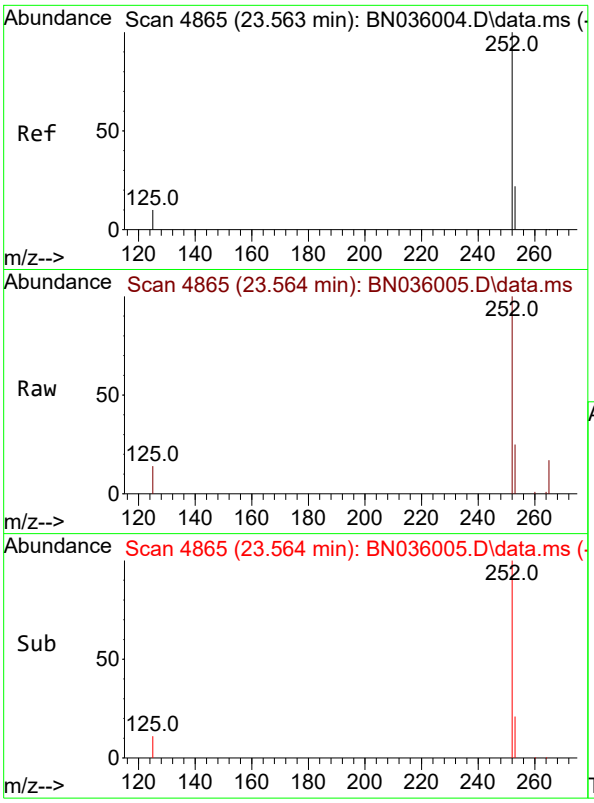


#25
Benzo(k)fluoranthene
Concen: 0.806 ng/ul
RT: 23.017 min Scan# 4678
Delta R.T. -0.003 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Tgt Ion:252 Resp: 10625

Ion	Ratio	Lower	Upper
252	100		
253	23.9	20.2	30.4
125	11.5	10.6	16.0



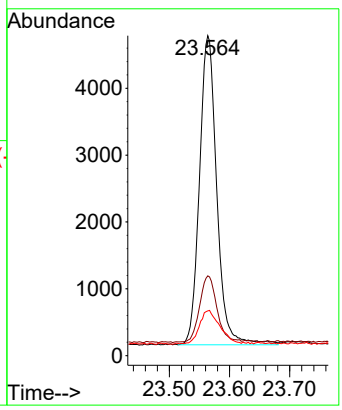


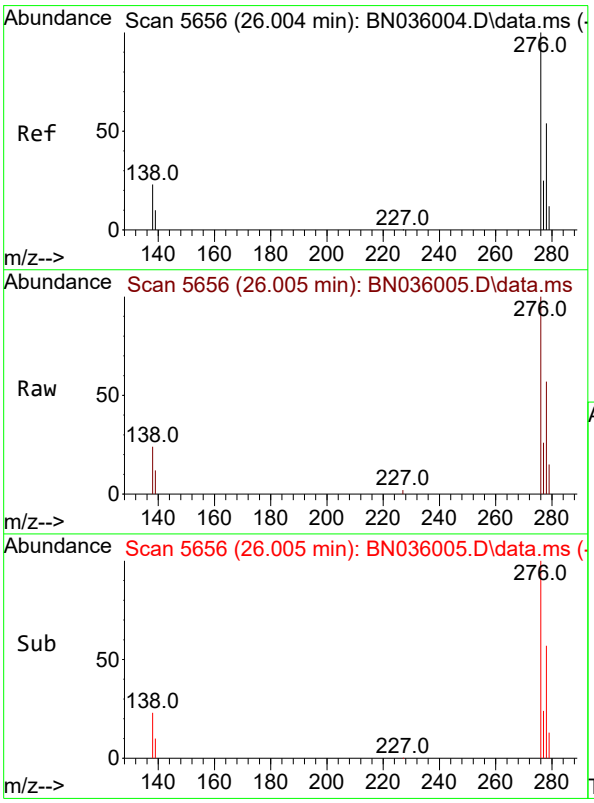
#26
Benzo(a)pyrene
Concen: 0.816 ng/ul
RT: 23.564 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:252 Resp: 9233

Ion	Ratio	Lower	Upper
252	100		
253	24.9	22.2	33.4
125	14.0	13.1	19.7

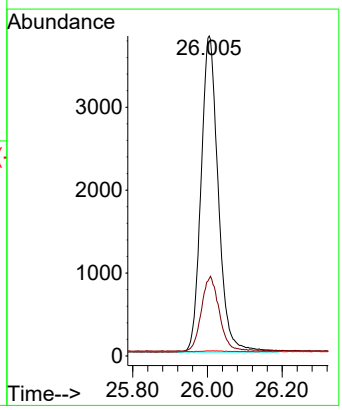


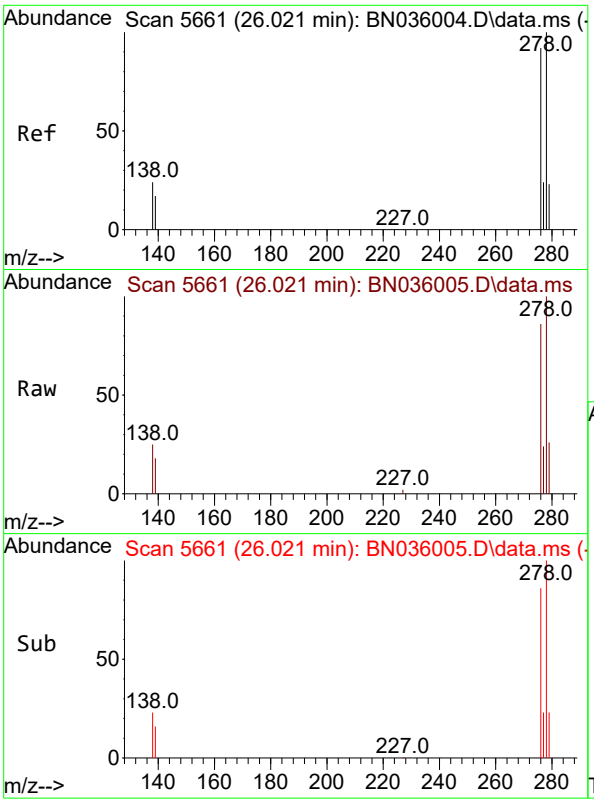


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.813 ng/ul
RT: 26.005 min Scan# 5656
Delta R.T. 0.000 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Tgt Ion:276 Resp: 12173

Ion	Ratio	Lower	Upper
276	100		
138	24.5	20.2	30.4
227	0.2	0.1	0.1#



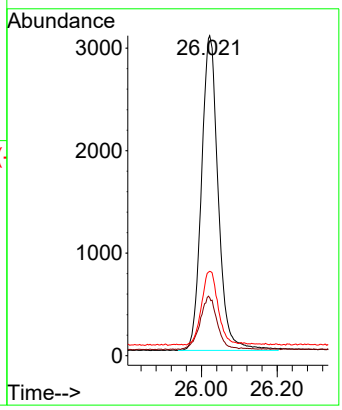


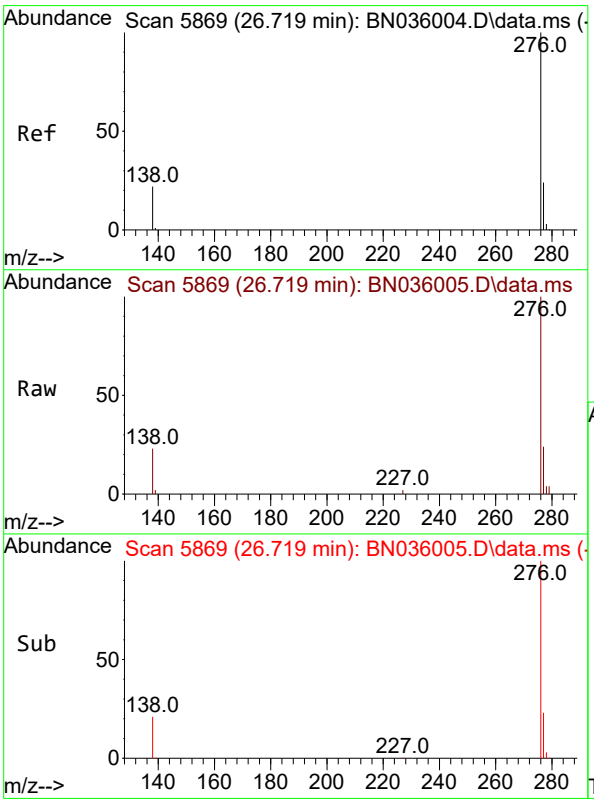
#28
Dibenzo(a,h)anthracene
Concen: 0.818 ng/ul
RT: 26.021 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Instrument :
BNA_N
ClientSampleId :
SSTD0.8247

Tgt Ion:278 Resp: 9437

Ion	Ratio	Lower	Upper
278	100		
139	18.1	15.4	23.2
279	26.3	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 0.812 ng/ul
RT: 26.719 min Scan# 5869
Delta R.T. 0.000 min
Lab File: BN036005.D
Acq: 21 Jan 2025 14:23

Tgt Ion:276 Resp: 9442

Ion	Ratio	Lower	Upper
276	100		
138	23.0	19.4	29.0
277	24.3	21.1	31.7