Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012125\
Data File : BN036002.D
Acq On : 21 Jan 2025 12:36
Operator : RC/JU
Sample : SSTD1.055
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

Quant Time: Jan 21 23:45:31 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	2364	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	4722	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	2450	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	5124	0.400	ng/ul	0.00
17) Chrysene-d12	21.369	240	4408	0.400	ng/ul	0.00
23) Perylene-d12	23.663	264	4827	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	267	0.103	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.200	152	608	0.102	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	1250	0.103	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	271	0.098	ng/ul#	78
5) Naphthalene	10.655	128	1339	0.103	ng/ul#	91
7) 2-Methylnaphthalene	12.271	142	827	0.102	ng/ul	99
8) 1-Methylnaphthalene	12.491	142	842	0.103	ng/ul	98
10) Acenaphthylene	14.168	152	1180	0.102	ng/ul#	93
11) Acenaphthene	14.515	153	869	0.102	ng/ul	100
12) Fluorene	15.500	166	948	0.101	ng/ul#	95
14) Pentachlorophenol	16.841	266	103	0.057	ng/ul	99
15) Phenanthrene	17.233	178	1530	0.102	ng/ul	94
16) Anthracene	17.322	178	1392	0.100	ng/ul#	91
19) Fluoranthene	19.248	202	1718	0.103	ng/ul#	89
20) Pyrene	19.610	202	1827	0.104	ng/ul#	93
21) Benzo(a)anthracene	21.354	228	1589	0.101	ng/ul	96
22) Chrysene	21.407	228	1643	0.102	ng/ul	96
24) Benzo(b)fluoranthene	22.970	252	1631	0.101	ng/ul#	70
25) Benzo(k)fluoranthene	23.017	252	1726	0.102	ng/ul#	70
26) Benzo(a)pyrene	23.564	252	1474	0.101	ng/ul#	71
27) Indeno(1,2,3-cd)pyrene	26.005	276	1923	0.100	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.021	278	1455	0.098	ng/ul#	75
29) Benzo(g,h,i)perylene	26.719	276	1497	0.100	ng/ul#	81

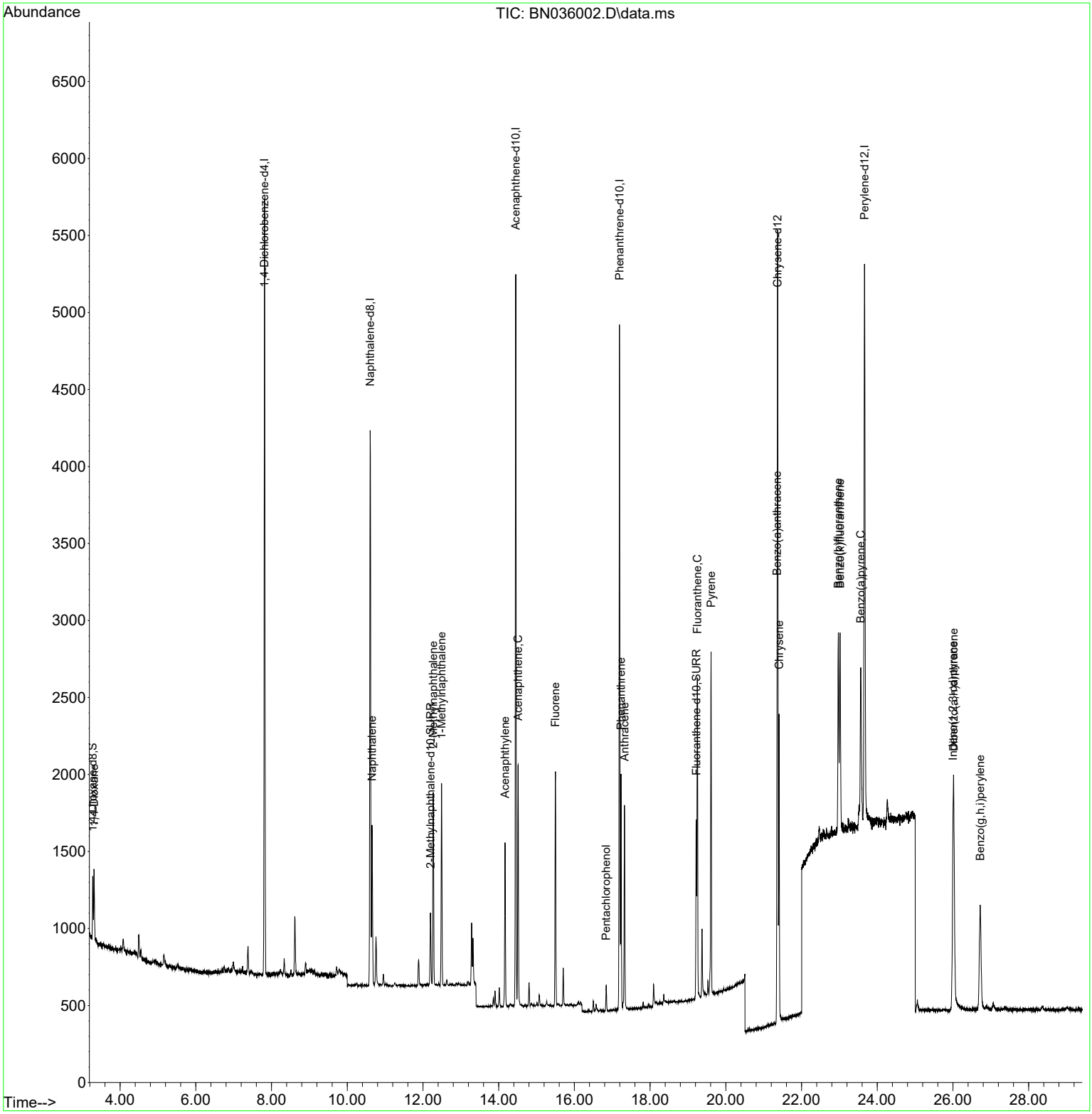
(#) = qualifier out of range (m) = manual integration (+) = signals summed

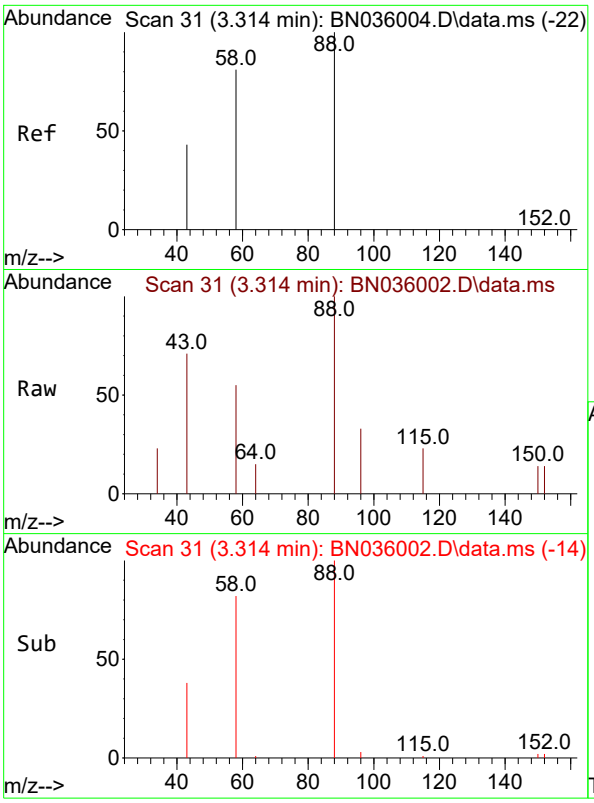
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012125\
Data File : BN036002.D
Acq On : 21 Jan 2025 12:36
Operator : RC/JU
Sample : SSTD1.055
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

Quant Time: Jan 21 23:45:31 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



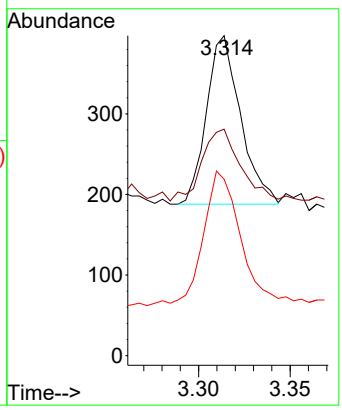


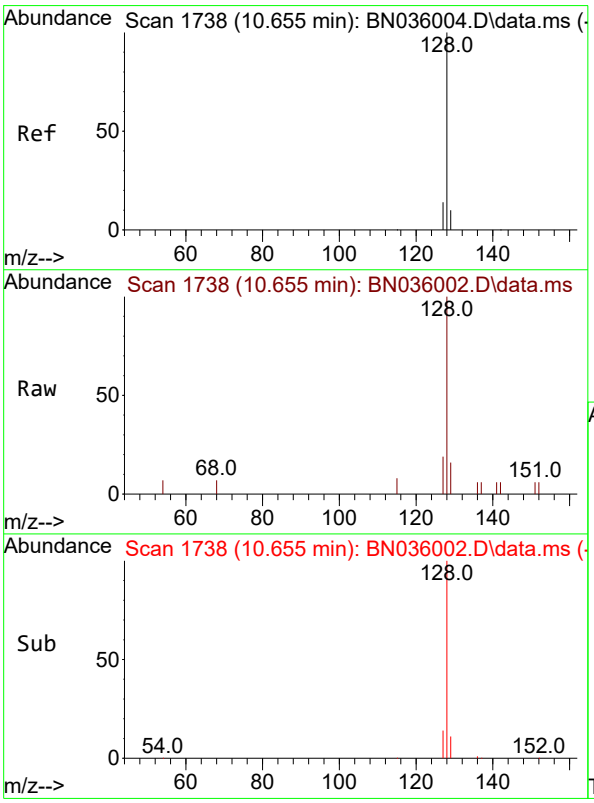
#2
1,4-Dioxane
Concen: 0.098 ng/ul
RT: 3.314 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

Tgt Ion: 88 Resp: 271

Ion	Ratio	Lower	Upper
88	100		
43	70.8	40.7	61.1#
58	55.2	55.2	82.8#

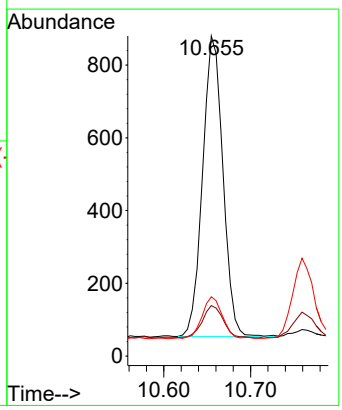


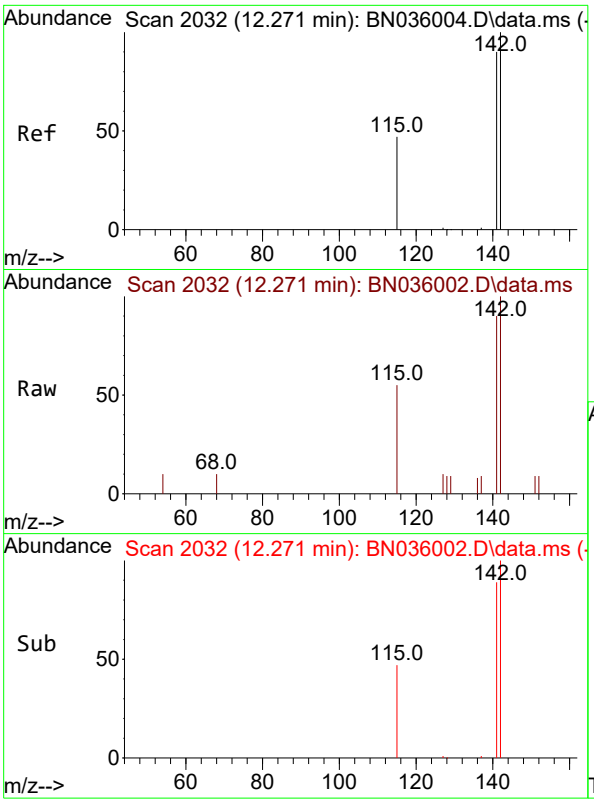


#5
Naphthalene
Concen: 0.103 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Tgt Ion:128 Resp: 1339

Ion	Ratio	Lower	Upper
128	100		
129	15.8	9.6	14.4#
127	18.5	12.0	18.0#



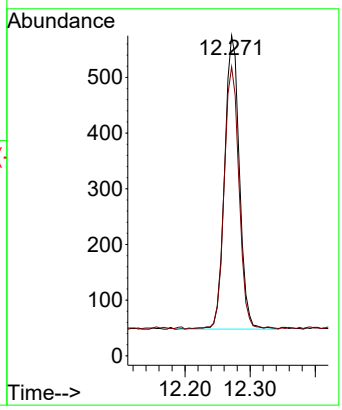


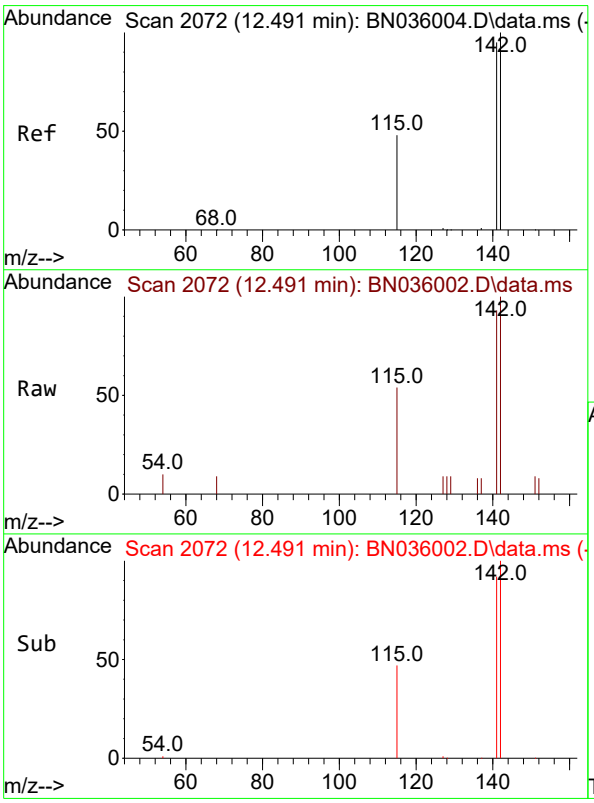
#7
2-Methylnaphthalene
Concen: 0.102 ng/ul
RT: 12.271 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

Tgt Ion:142 Resp: 827

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.9	107.9

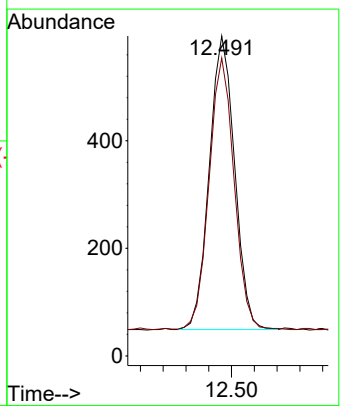


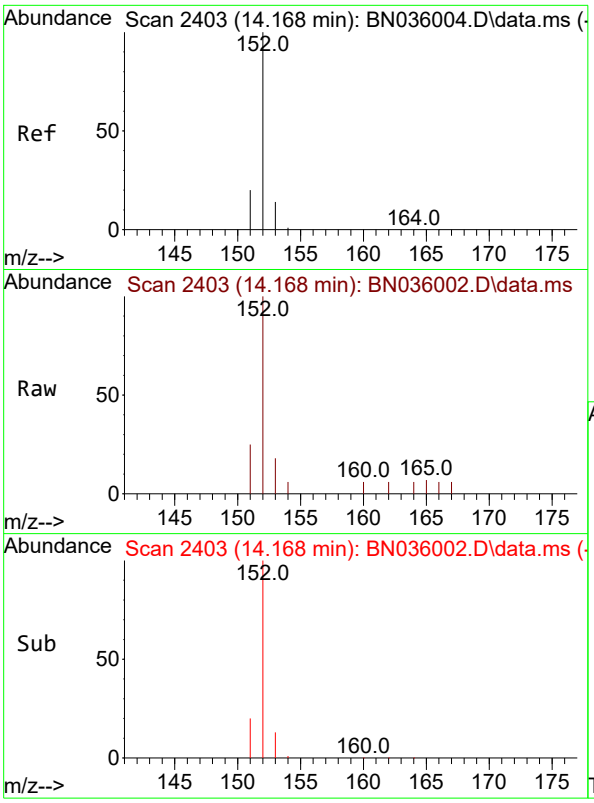


#8
1-Methylnaphthalene
Concen: 0.103 ng/ul
RT: 12.491 min Scan# 2072
Delta R.T. 0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Tgt Ion:142 Resp: 842

Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.2	112.8



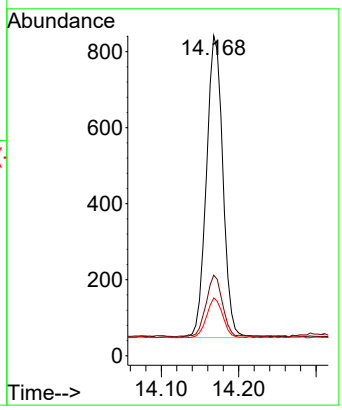


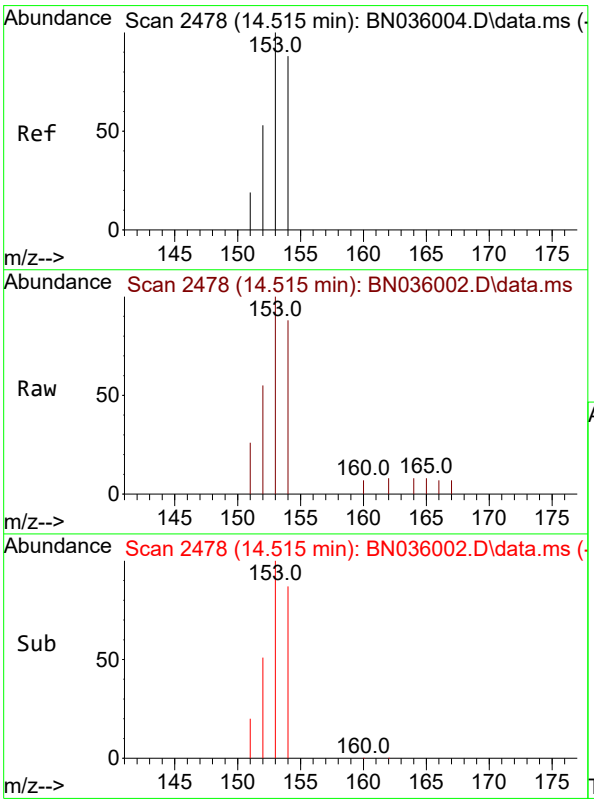
#10
Acenaphthylene
Concen: 0.102 ng/ul
RT: 14.168 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

Tgt Ion:152 Resp: 1180

Ion	Ratio	Lower	Upper
152	100		
151	25.2	17.4	26.2
153	18.1	11.9	17.9#

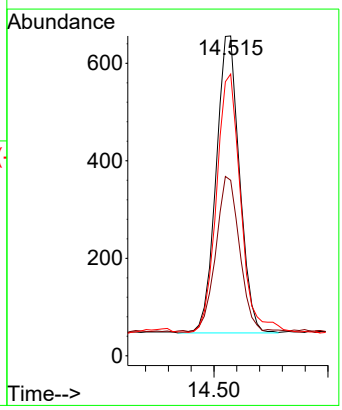


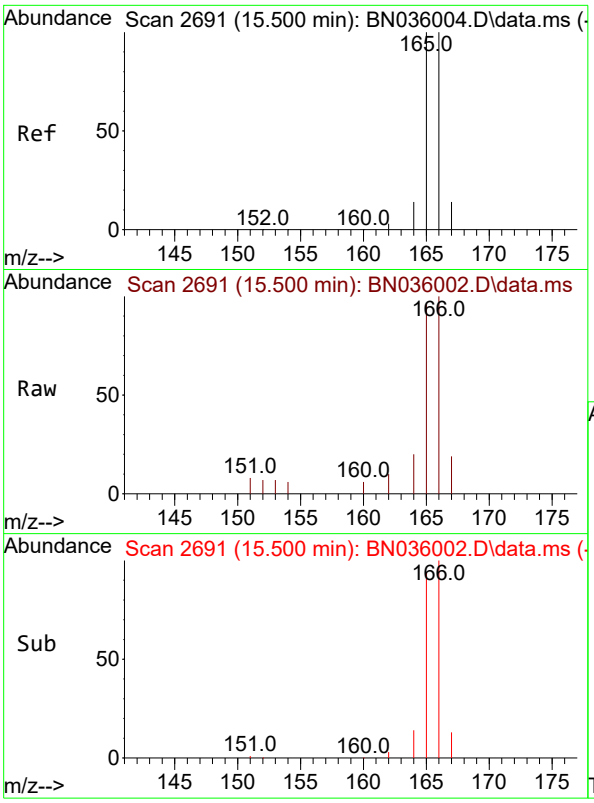


#11
Acenaphthene
Concen: 0.102 ng/ul
RT: 14.515 min Scan# 2478
Delta R.T. -0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Tgt Ion:153 Resp: 869

Ion	Ratio	Lower	Upper
153	100		
152	54.9	43.2	64.8
154	88.1	70.5	105.7



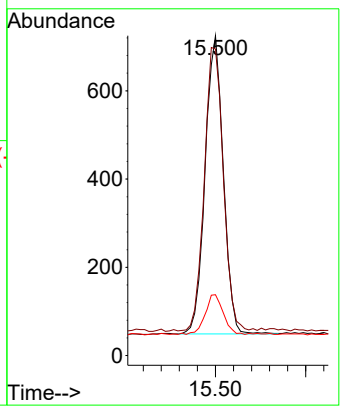


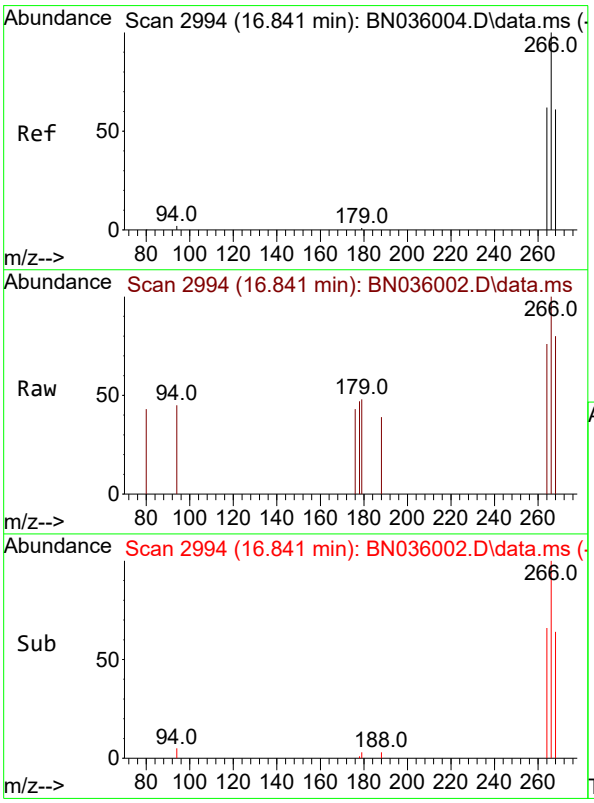
#12
Fluorene
Concen: 0.101 ng/ul
RT: 15.500 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

Tgt Ion:166 Resp: 948

Ion	Ratio	Lower	Upper
166	100		
165	95.9	80.3	120.5
167	19.0	12.3	18.5#

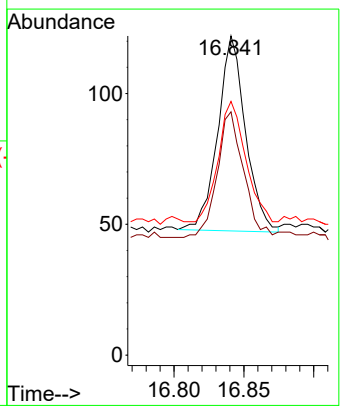


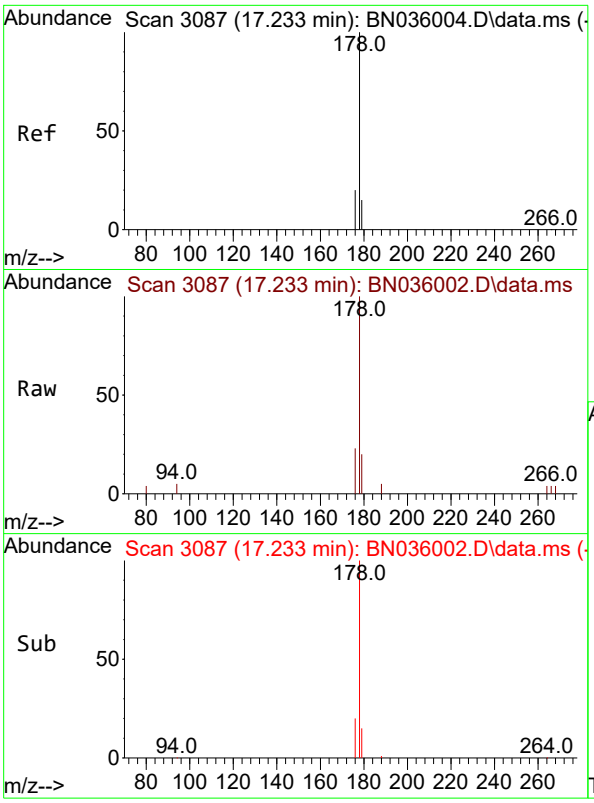


#14
Pentachlorophenol
Concen: 0.057 ng/ul
RT: 16.841 min Scan# 2994
Delta R.T. 0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Tgt Ion:266 Resp: 103

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.6	75.8
268	62.1	50.6	75.8



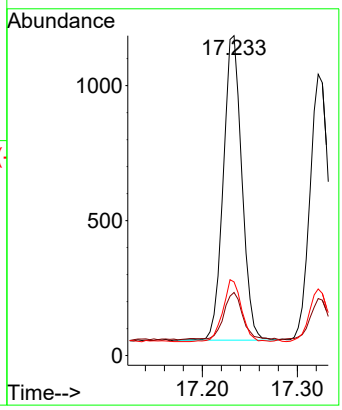


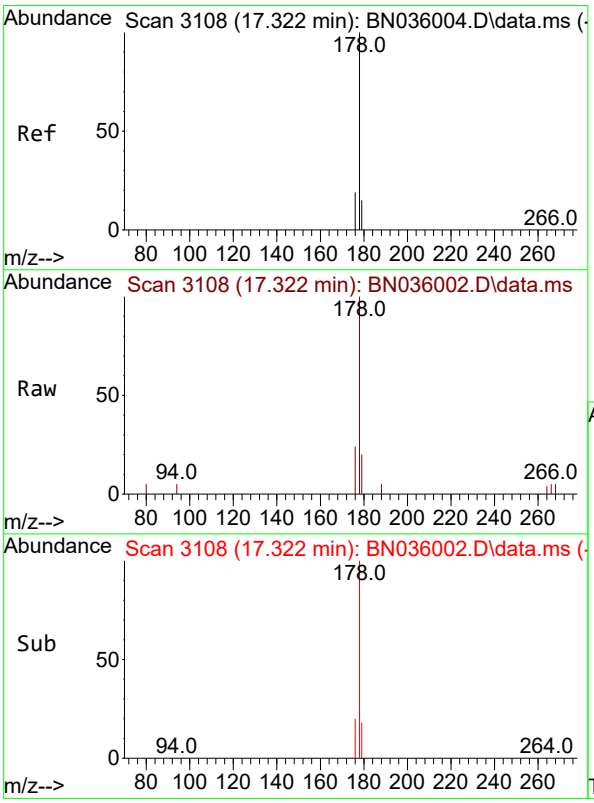
#15
Phenanthrene
Concen: 0.102 ng/ul
RT: 17.233 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

Tgt Ion:178 Resp: 1530

Ion	Ratio	Lower	Upper
178	100		
179	19.7	13.2	19.8
176	23.0	16.8	25.2

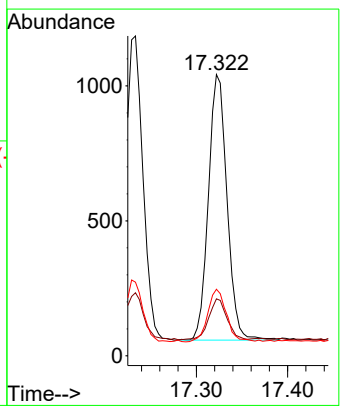


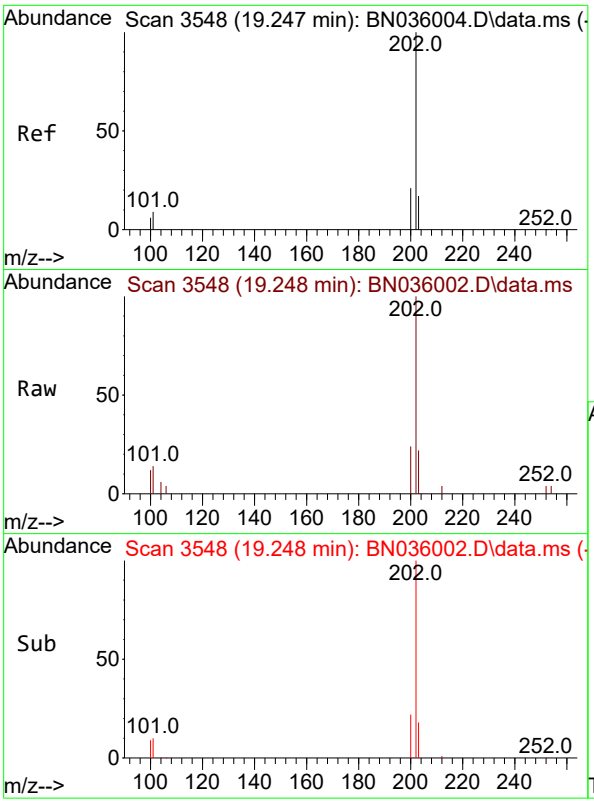


#16
Anthracene
Concen: 0.100 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Tgt Ion:178 Resp: 1392

Ion	Ratio	Lower	Upper
178	100		
179	20.2	13.0	19.4#
176	23.7	15.9	23.9



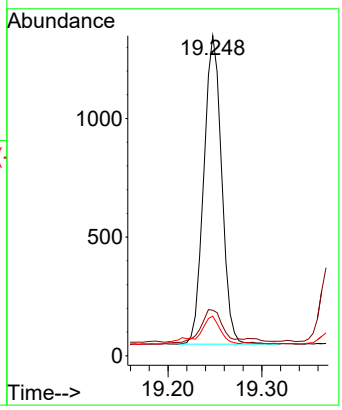


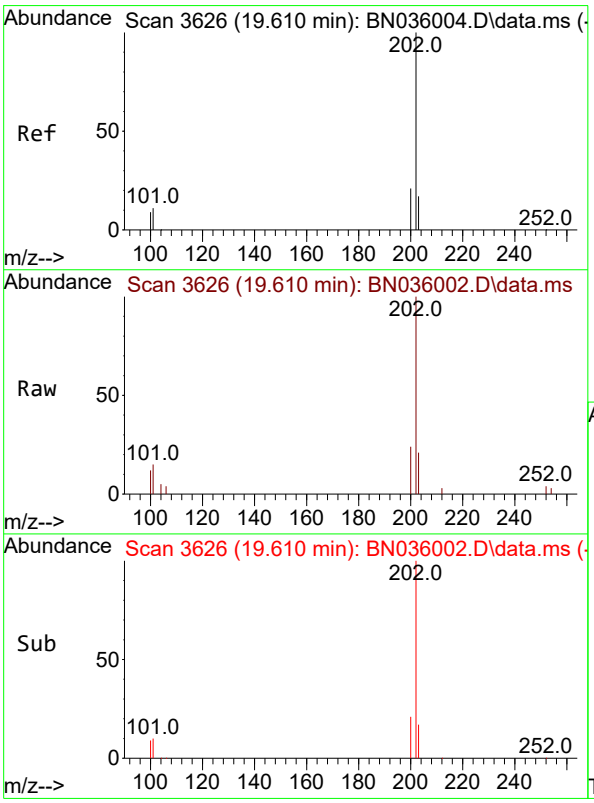
#19
Fluoranthene
Concen: 0.103 ng/ul
RT: 19.248 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

Tgt Ion:202 Resp: 1718

Ion	Ratio	Lower	Upper
202	100		
101	14.2	8.4	12.6#
100	12.4	6.5	9.7#

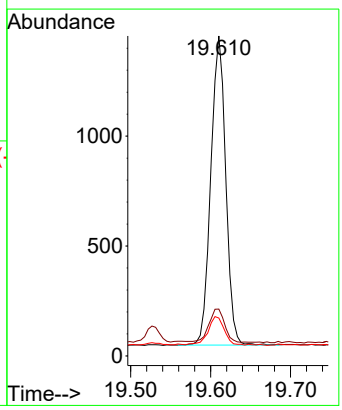


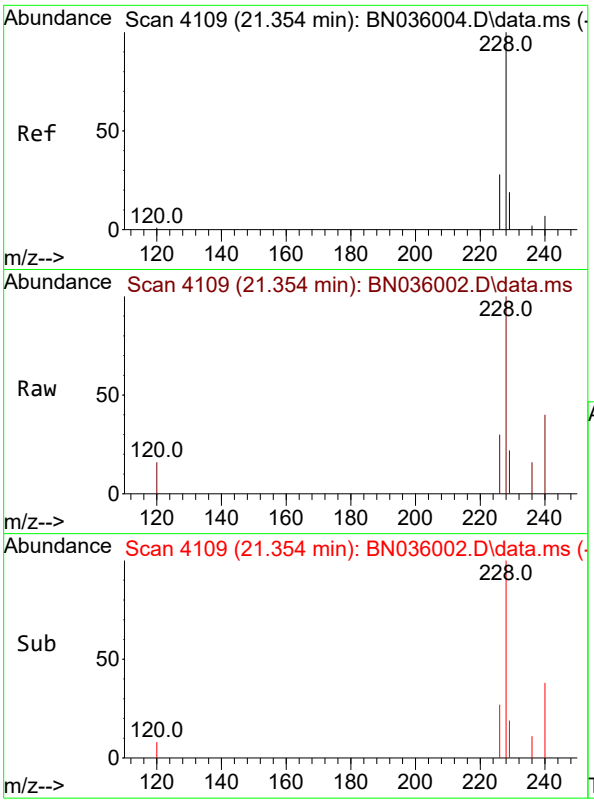


#20
Pyrene
Concen: 0.104 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Tgt Ion:202 Resp: 1827

Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.3	13.9#
100	11.8	7.5	11.3#



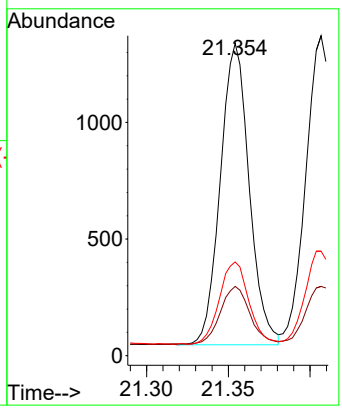


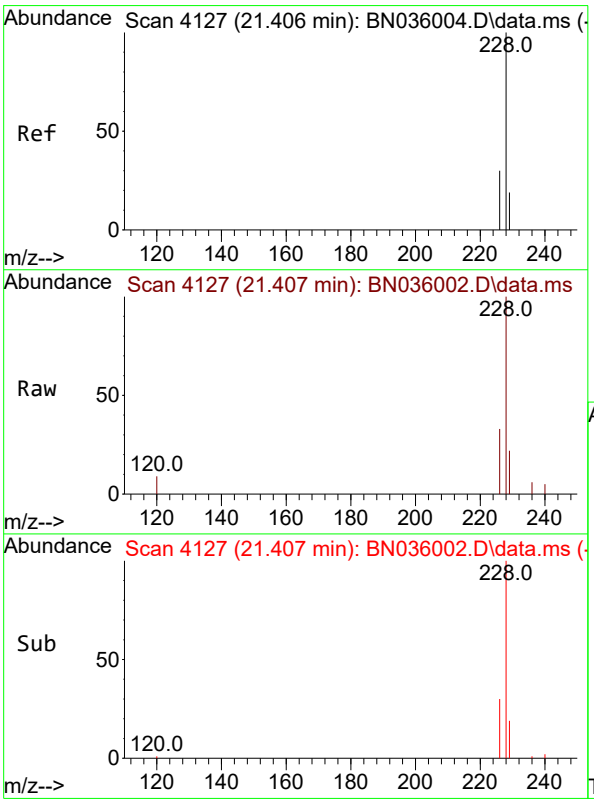
#21
Benzo(a)anthracene
Concen: 0.101 ng/ul
RT: 21.354 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

Tgt Ion:228 Resp: 1589

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.9	23.9
226	30.0	22.8	34.2

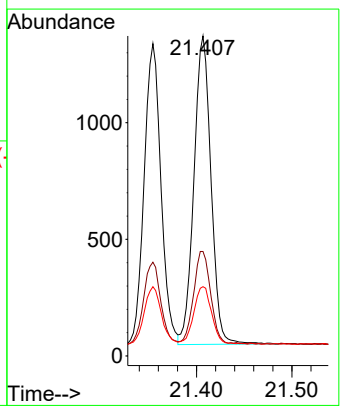


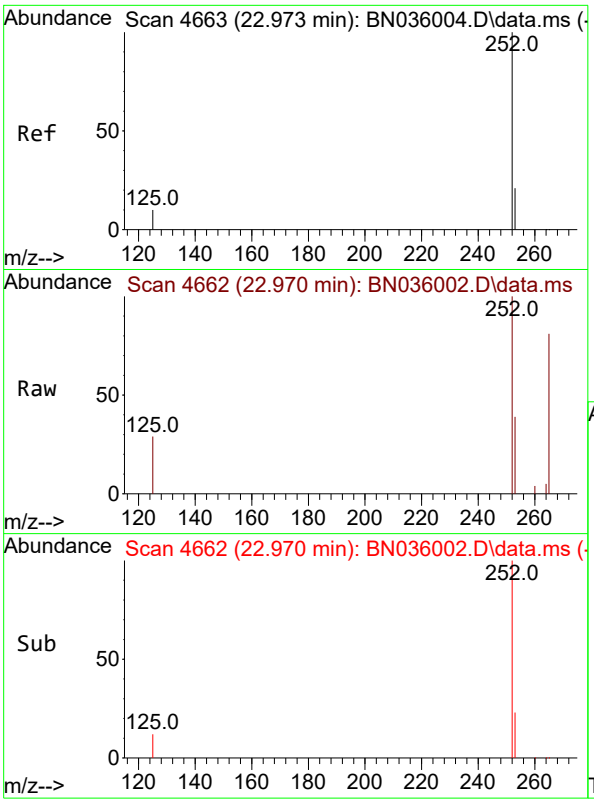


#22
Chrysene
Concen: 0.102 ng/ul
RT: 21.407 min Scan# 4127
Delta R.T. 0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Tgt Ion:228 Resp: 1643

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.4	36.6
229	21.6	15.9	23.9



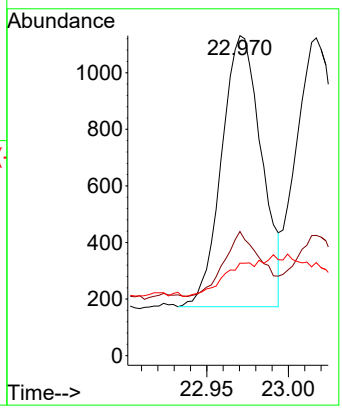


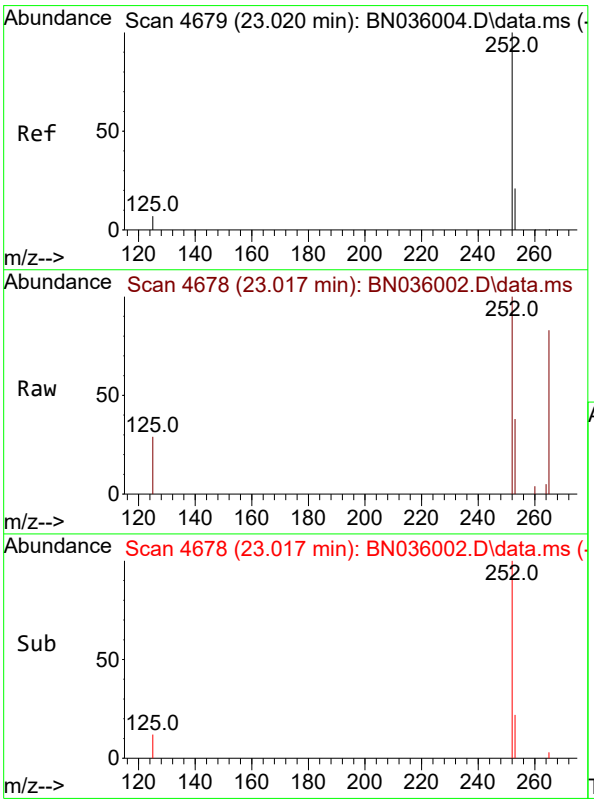
#24
Benzo(b)fluoranthene
Concen: 0.101 ng/ul
RT: 22.970 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

Tgt Ion:252 Resp: 1631

Ion	Ratio	Lower	Upper
252	100		
253	38.8	0.0	51.2
125	28.9	0.0	27.8#

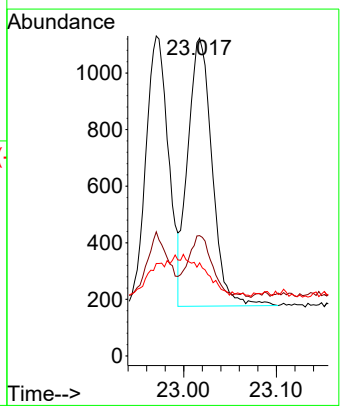


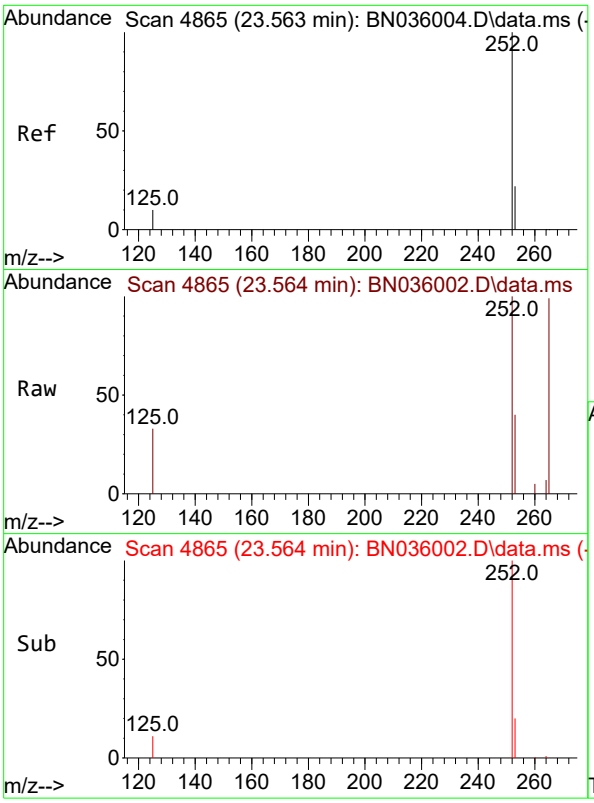


#25
Benzo(k)fluoranthene
Concen: 0.102 ng/ul
RT: 23.017 min Scan# 4678
Delta R.T. -0.003 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Tgt Ion:252 Resp: 1726

Ion	Ratio	Lower	Upper
252	100		
253	37.8	20.2	30.4#
125	29.3	10.6	16.0#



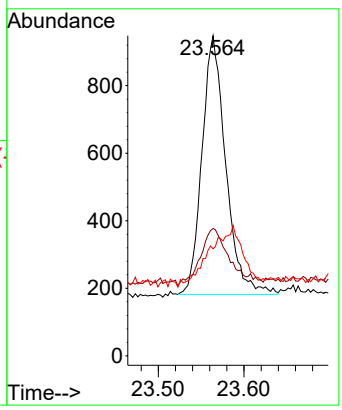


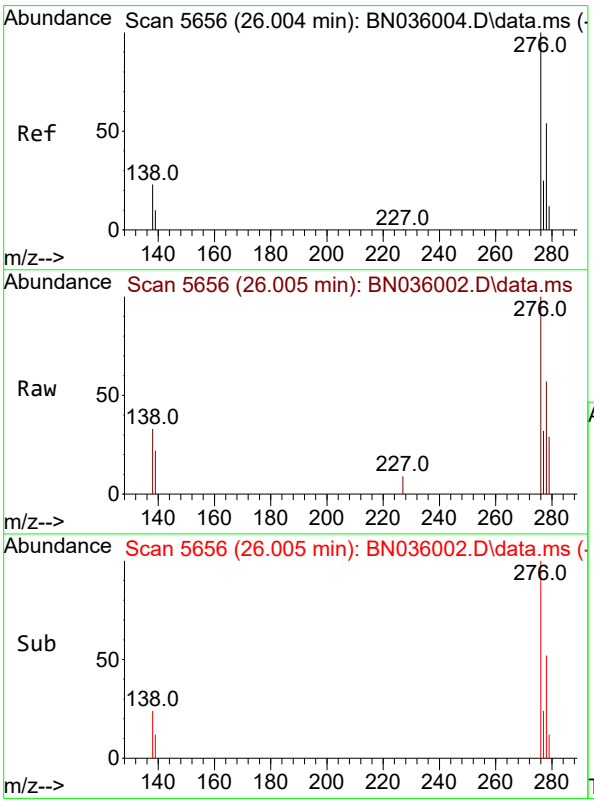
#26
Benzo(a)pyrene
Concen: 0.101 ng/ul
RT: 23.564 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

Tgt Ion:252 Resp: 1474

Ion	Ratio	Lower	Upper
252	100		
253	39.8	22.2	33.4#
125	33.4	13.1	19.7#

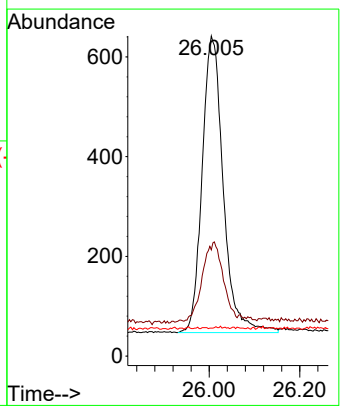


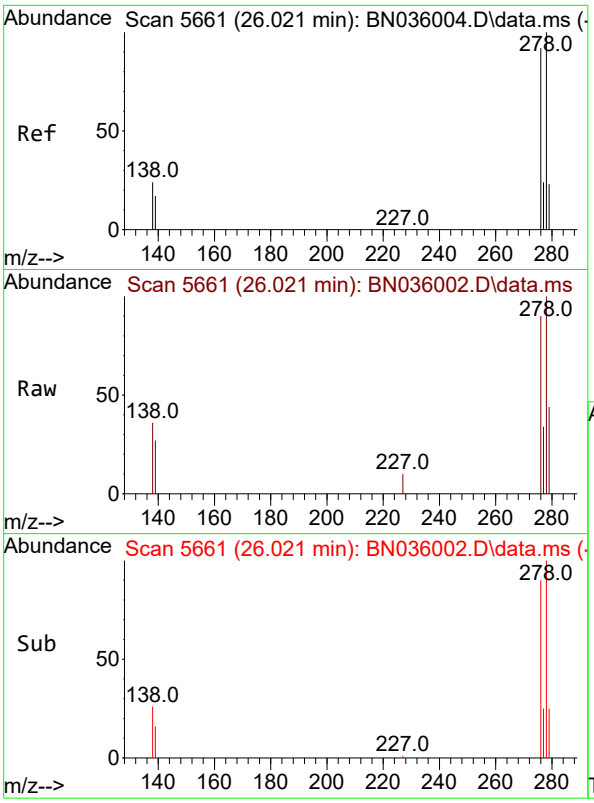


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.100 ng/ul
RT: 26.005 min Scan# 5656
Delta R.T. 0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Tgt Ion:276 Resp: 1923

Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.2	30.4
227	0.1	0.1	0.1#



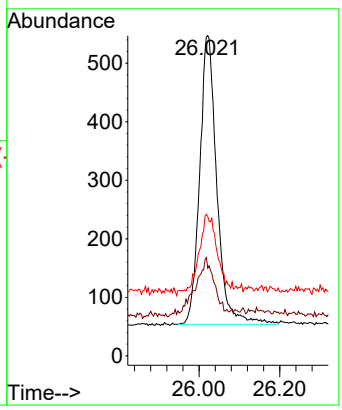


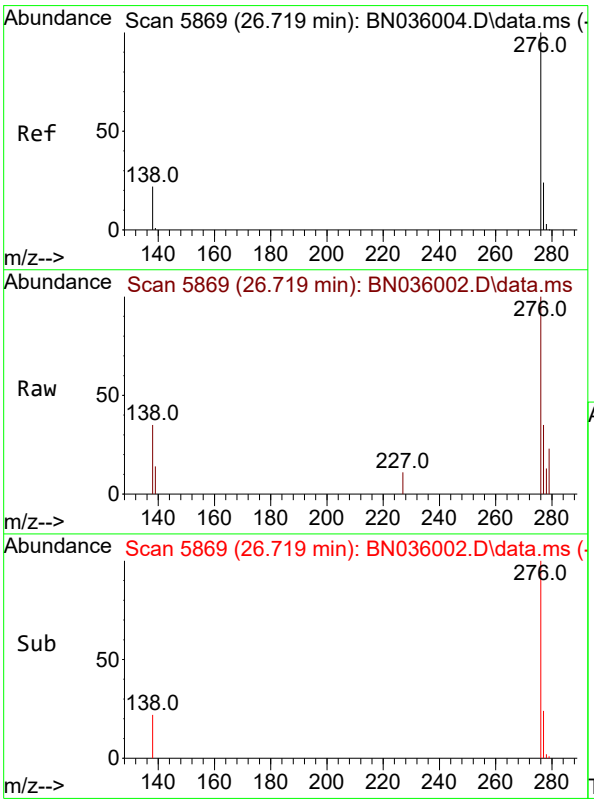
#28
Dibenzo(a,h)anthracene
Concen: 0.098 ng/ul
RT: 26.021 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Instrument :
BNA_N
ClientSampleId :
SSTD0.1244

Tgt Ion:278 Resp: 1455

Ion	Ratio	Lower	Upper
278	100		
139	27.4	15.4	23.2#
279	43.5	22.2	33.4#





#29
Benzo(g,h,i)perylene
Concen: 0.100 ng/ul
RT: 26.719 min Scan# 5869
Delta R.T. 0.000 min
Lab File: BN036002.D
Acq: 21 Jan 2025 12:36

Tgt Ion:276 Resp: 1497

Ion	Ratio	Lower	Upper
276	100		
138	34.6	19.4	29.0#
277	34.8	21.1	31.7#