Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036219.D
Acq On : 01 Feb 2025 22:28
Operator : RC/JU
Sample : PB166437BS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS437

Quant Time: Feb 03 12:06:15 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

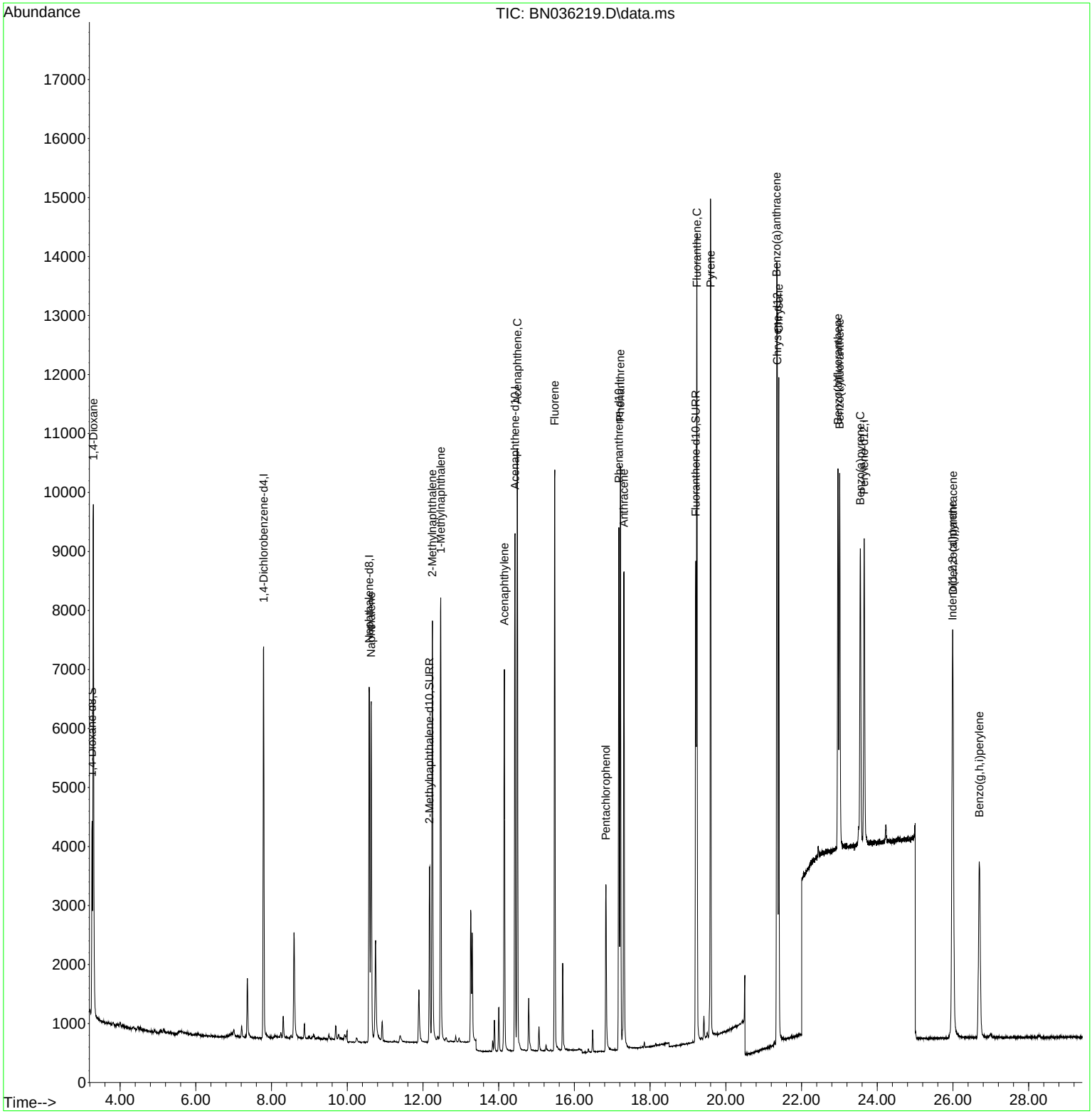
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.790	152	3374	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.578	136	8311	0.400	ng/ul	-0.03
9) Acenaphthene-d10	14.431	164	4951	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.174	188	10477	0.400	ng/ul	-0.02
17) Chrysene-d12	21.363	240	8220	0.400	ng/ul	0.00
23) Perylene-d12	23.654	264	6931	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	2109	0.571	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.172	152	4170	0.397	ng/ul	-0.03
18) Fluoranthene-d10	19.206	212	9095	0.403	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	5869	1.488	ng/ul	88
5) Naphthalene	10.633	128	8084	0.353	ng/ul	99
7) 2-Methylnaphthalene	12.249	142	5242	0.369	ng/ul	100
8) 1-Methylnaphthalene	12.469	142	5296	0.367	ng/ul	100
10) Acenaphthylene	14.149	152	7431	0.318	ng/ul	98
11) Acenaphthene	14.491	153	5825	0.339	ng/ul	97
12) Fluorene	15.481	166	6329	0.334	ng/ul	98
14) Pentachlorophenol	16.832	266	2127	0.579	ng/ul	99
15) Phenanthrene	17.216	178	10223	0.333	ng/ul	99
16) Anthracene	17.309	178	9196	0.323	ng/ul	99
19) Fluoranthene	19.234	202	11518	0.369	ng/ul	97
20) Pyrene	19.596	202	11989	0.368	ng/ul	96
21) Benzo(a)anthracene	21.345	228	9693	0.330	ng/ul	99
22) Chrysene	21.398	228	9827	0.328	ng/ul	99
24) Benzo(b)fluoranthene	22.961	252	8257	0.357	ng/ul	86
25) Benzo(k)fluoranthene	23.008	252	8288	0.341	ng/ul#	89
26) Benzo(a)pyrene	23.555	252	7171	0.343	ng/ul#	82
27) Indeno(1,2,3-cd)pyrene	25.984	276	8516	0.308	ng/ul	97
28) Dibenzo(a,h)anthracene	25.998	278	6712	0.315	ng/ul	93
29) Benzo(g,h,i)perylene	26.695	276	6681	0.311	ng/ul	96

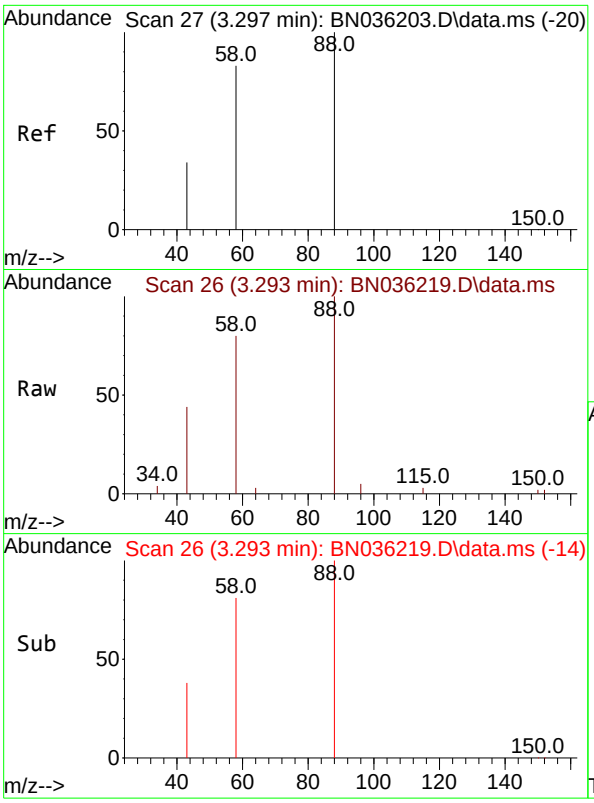
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036219.D
Acq On : 01 Feb 2025 22:28
Operator : RC/JU
Sample : PB166437BS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS437

Quant Time: Feb 03 12:06:15 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



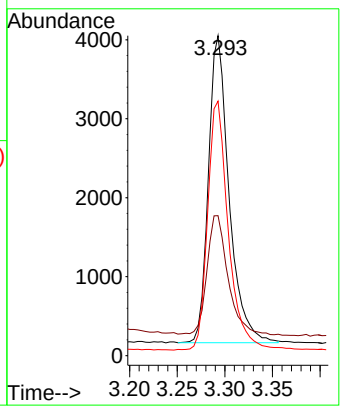


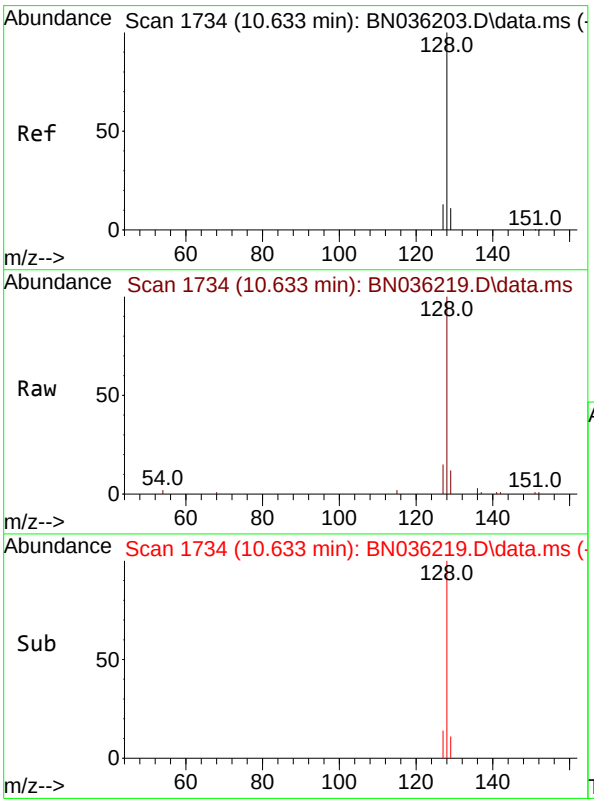
#2
1,4-Dioxane
Concen: 1.488 ng/ul
RT: 3.293 min Scan# 2
Delta R.T. -0.021 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Instrument :
BNA_N
ClientSampleId :
SLCS437

Tgt Ion: 88 Resp: 5869

Ion	Ratio	Lower	Upper
88	100		
43	43.7	40.7	61.1
58	79.5	55.2	82.8

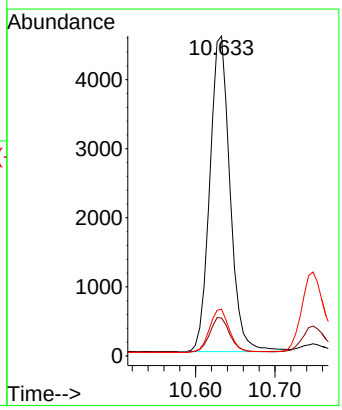


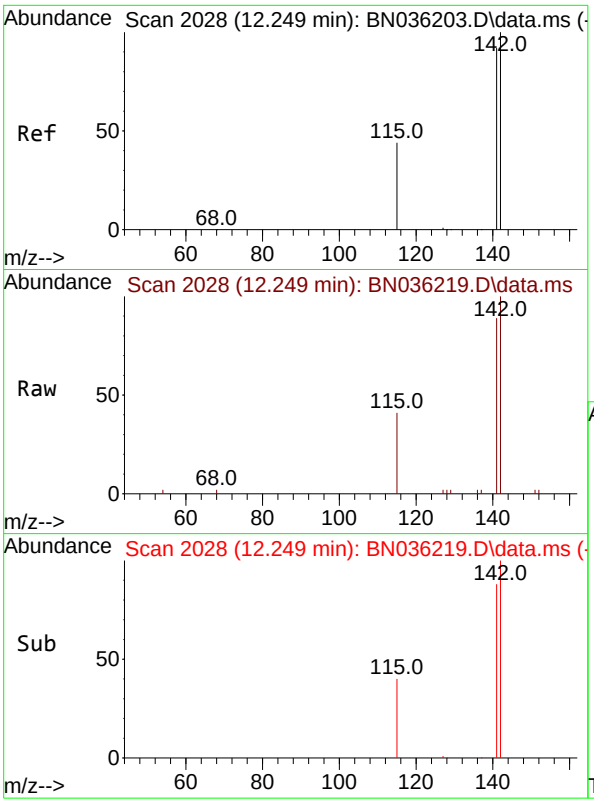


#5
Naphthalene
Concen: 0.353 ng/ul
RT: 10.633 min Scan# 1734
Delta R.T. -0.022 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Tgt Ion:128 Resp: 8084

Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.6	14.4
127	14.6	12.0	18.0



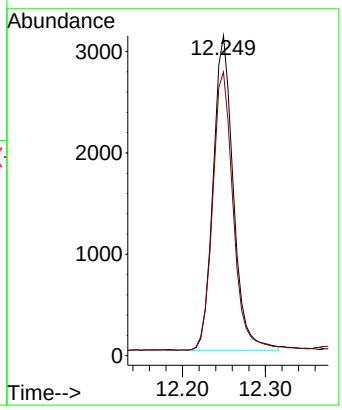


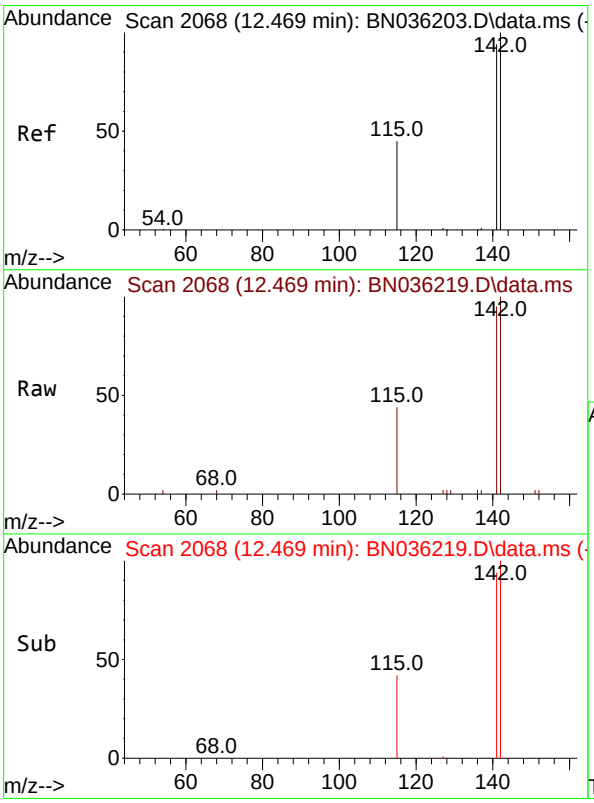
#7
2-Methylnaphthalene
Concen: 0.369 ng/ul
RT: 12.249 min Scan# 2
Delta R.T. -0.022 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Instrument :
BNA_N
ClientSampleId :
SLCS437

Tgt Ion:142 Resp: 5242

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.9	107.9

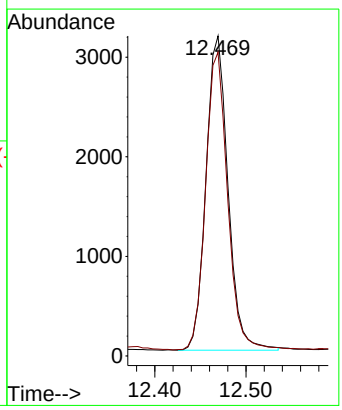


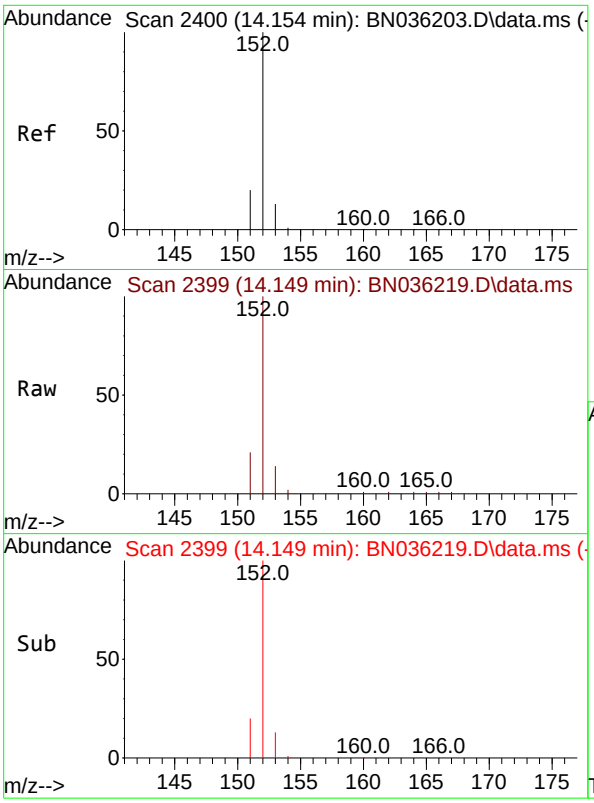


#8
1-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.469 min Scan# 2068
Delta R.T. -0.022 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Tgt Ion:142 Resp: 5296

Ion	Ratio	Lower	Upper
142	100		
141	94.3	75.2	112.8



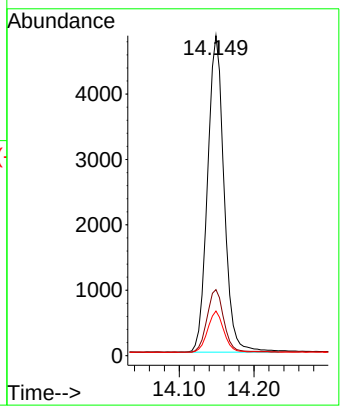


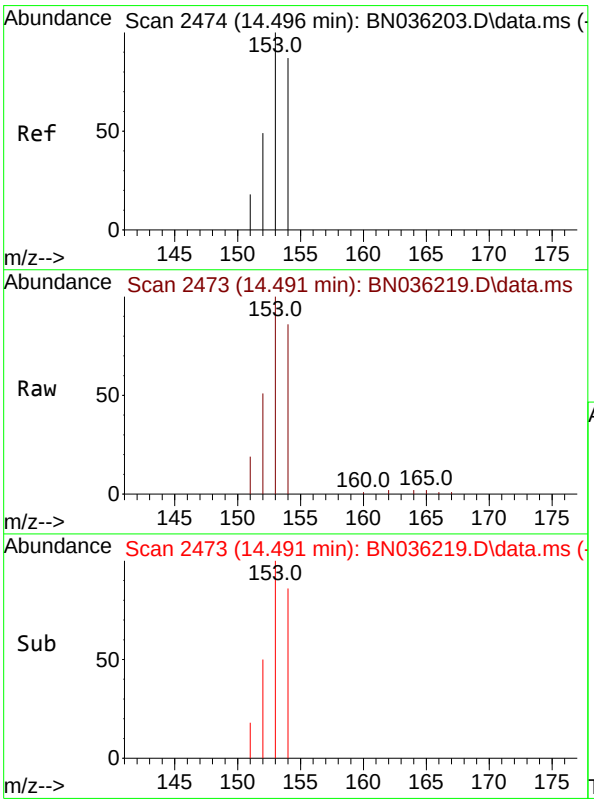
#10
Acenaphthylene
Concen: 0.318 ng/ul
RT: 14.149 min Scan# 2
Delta R.T. -0.019 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Instrument :
BNA_N
ClientSampleId :
SLCS437

Tgt Ion:152 Resp: 7431

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.4	26.2
153	14.0	11.9	17.9

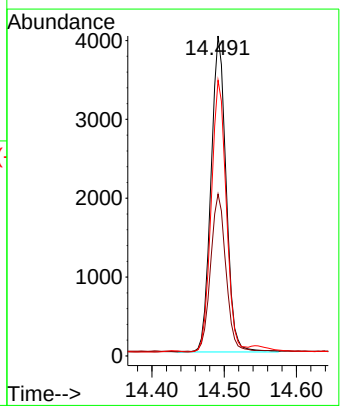


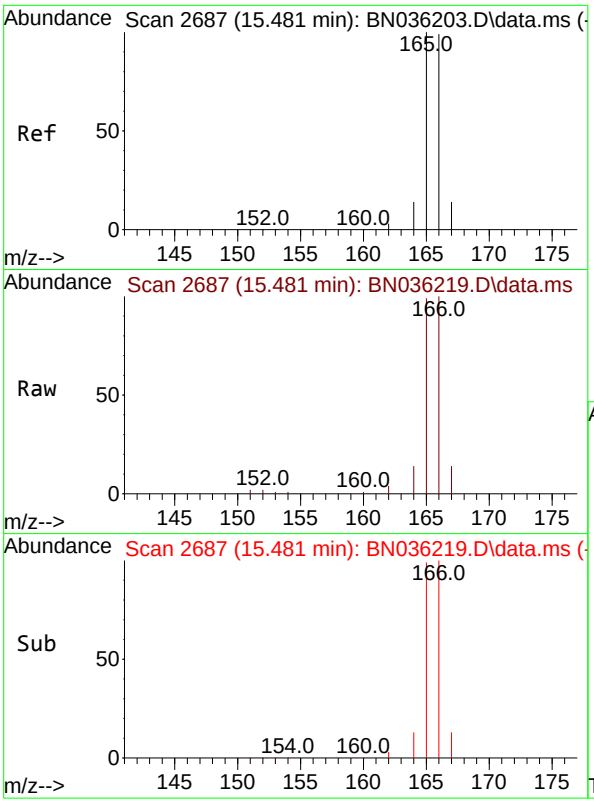


#11
Acenaphthene
Concen: 0.339 ng/ul
RT: 14.491 min Scan# 2473
Delta R.T. -0.023 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Tgt Ion:153 Resp: 5825

Ion	Ratio	Lower	Upper
153	100		
152	50.6	43.2	64.8
154	86.2	70.5	105.7



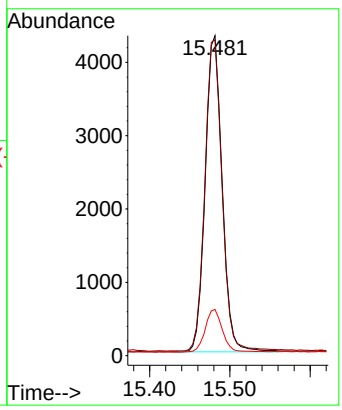


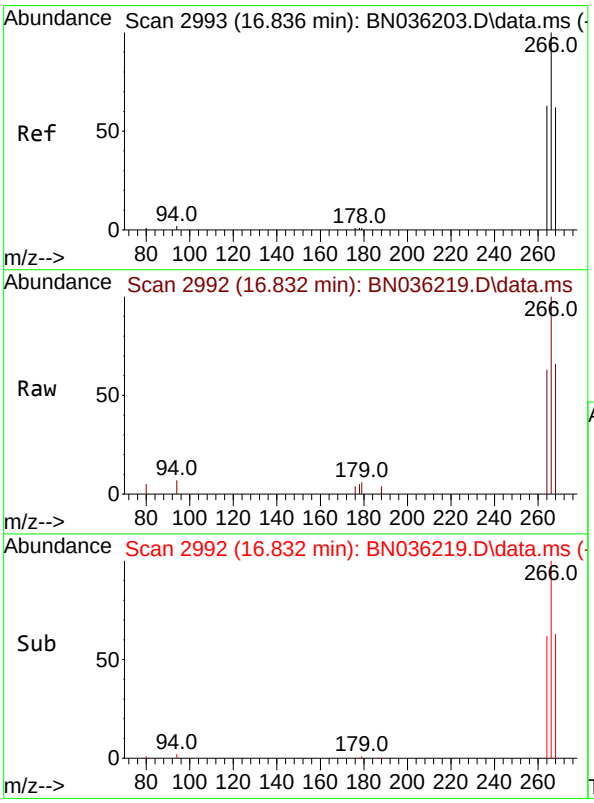
#12
Fluorene
Concen: 0.334 ng/ul
RT: 15.481 min Scan# 2
Delta R.T. -0.019 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Instrument :
BNA_N
ClientSampleId :
SLCS437

Tgt Ion:166 Resp: 6329

Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.3	120.5
167	14.5	12.3	18.5

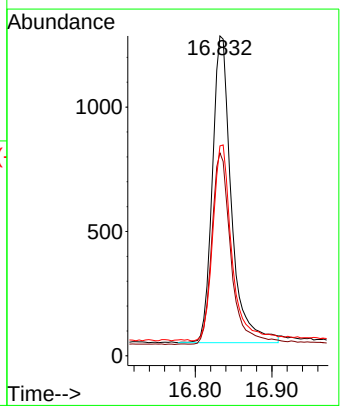


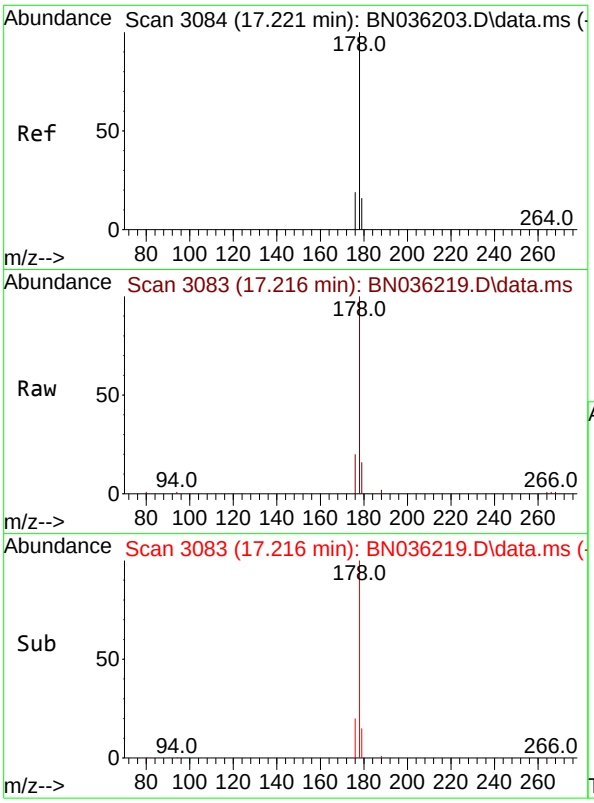


#14
Pentachlorophenol
Concen: 0.579 ng/ul
RT: 16.832 min Scan# 2992
Delta R.T. -0.009 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Tgt Ion:266 Resp: 2127

Ion	Ratio	Lower	Upper
266	100		
264	62.9	50.6	75.8
268	63.9	50.6	75.8



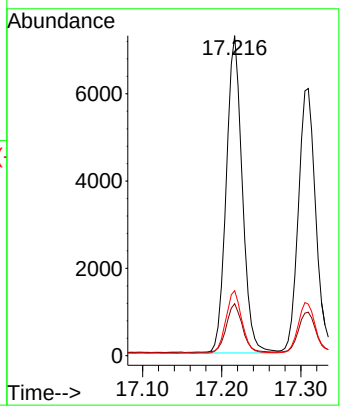


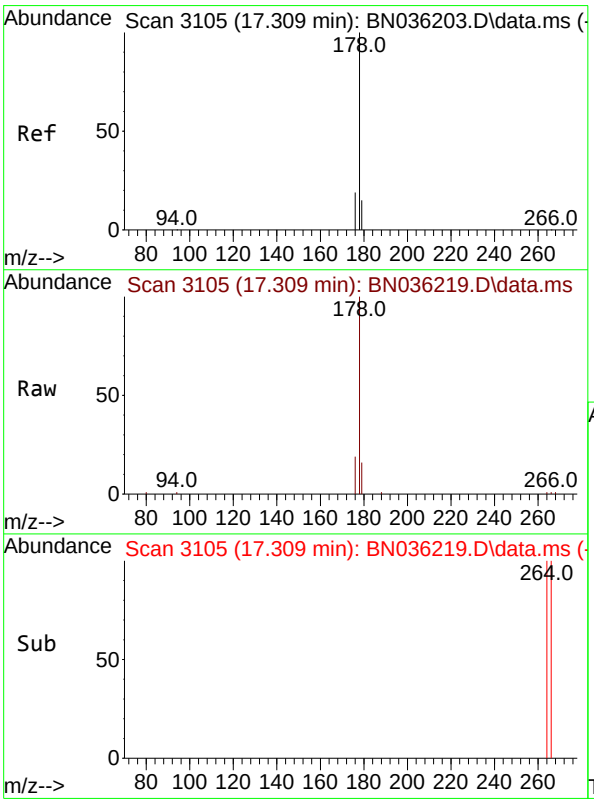
#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.216 min Scan# 3
Delta R.T. -0.017 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Instrument :
BNA_N
ClientSampleId :
SLCS437

Tgt Ion:178 Resp: 10223

Ion	Ratio	Lower	Upper
178	100		
179	16.2	13.2	19.8
176	20.3	16.8	25.2

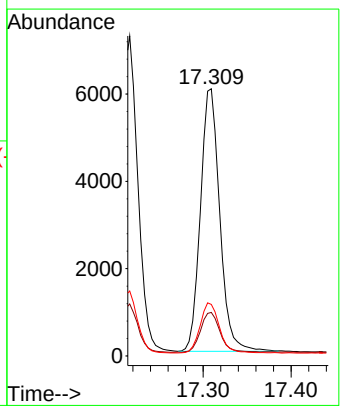


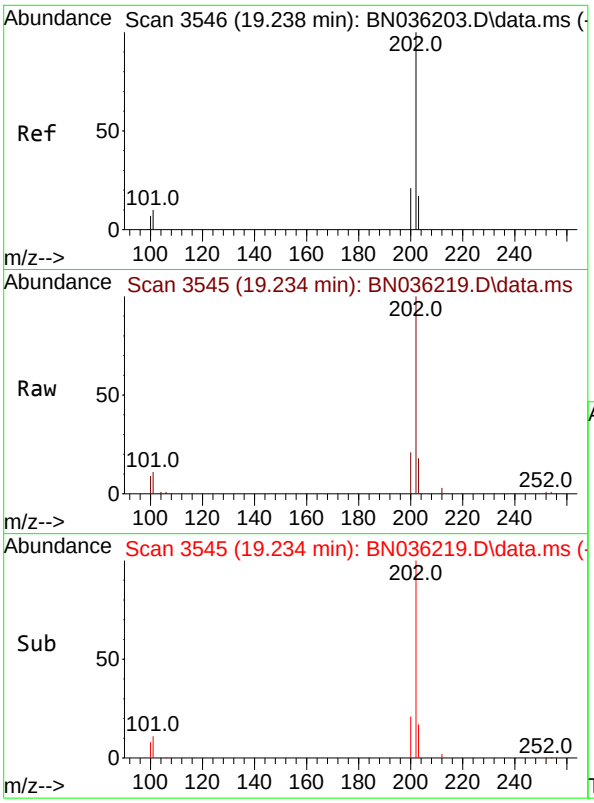


#16
Anthracene
Concen: 0.323 ng/ul
RT: 17.309 min Scan# 3105
Delta R.T. -0.013 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Tgt Ion:178 Resp: 9196

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.4
176	19.3	15.9	23.9



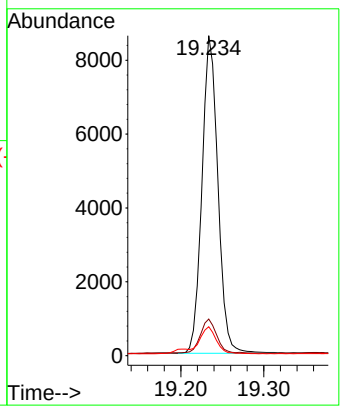


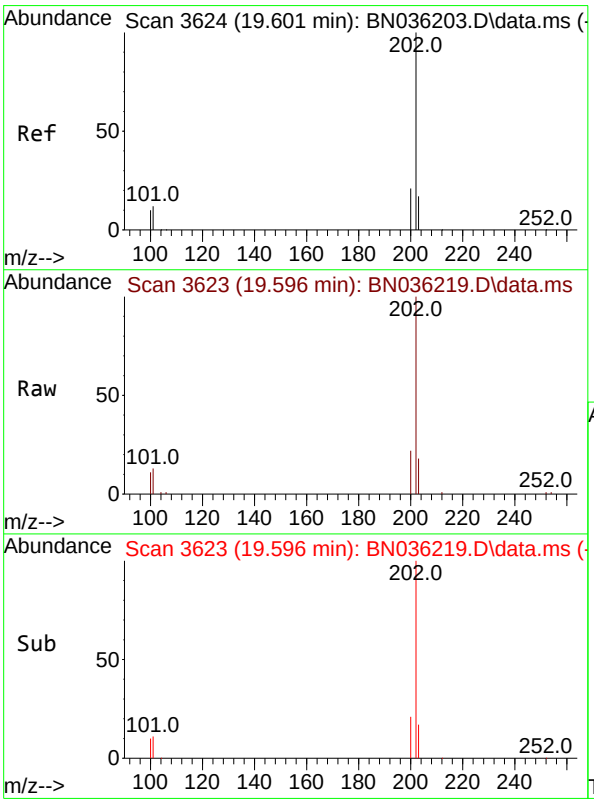
#19
Fluoranthene
Concen: 0.369 ng/ul
RT: 19.234 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Instrument :
BNA_N
ClientSampleId :
SLCS437

Tgt Ion:202 Resp: 11518

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.4	12.6
100	9.0	6.5	9.7

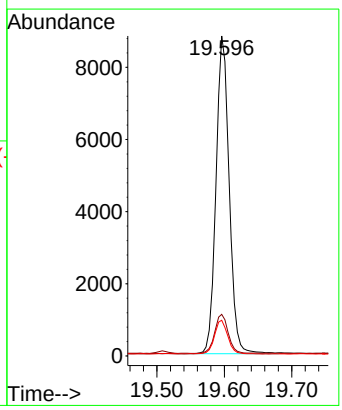


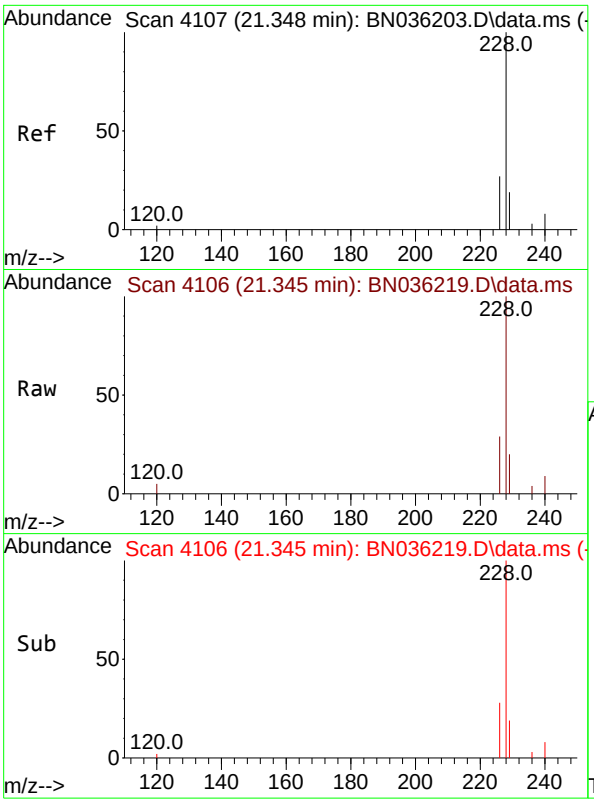


#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.596 min Scan# 3623
Delta R.T. -0.014 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Tgt Ion:202 Resp: 11989

Ion	Ratio	Lower	Upper
202	100		
101	13.0	9.3	13.9
100	11.2	7.5	11.3



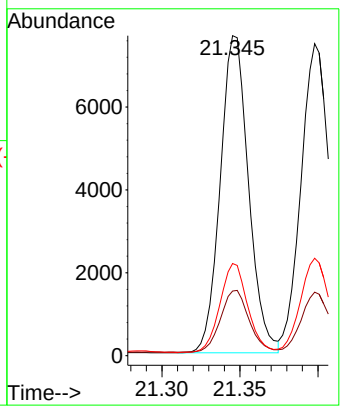


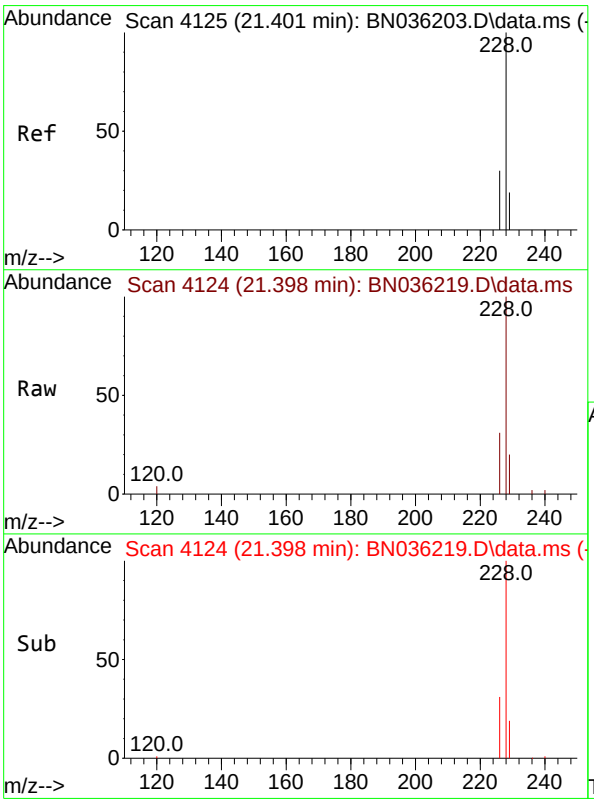
#21
Benzo(a)anthracene
Concen: 0.330 ng/ul
RT: 21.345 min Scan# 4
Delta R.T. -0.008 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Instrument :
BNA_N
ClientSampleId :
SLCS437

Tgt Ion:228 Resp: 9693

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.9	23.9
226	28.8	22.8	34.2

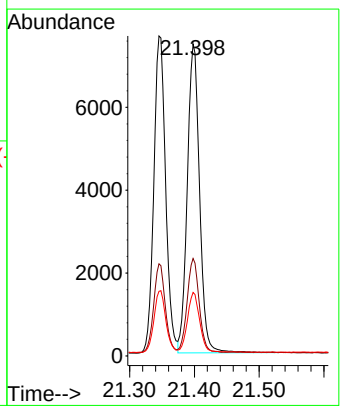


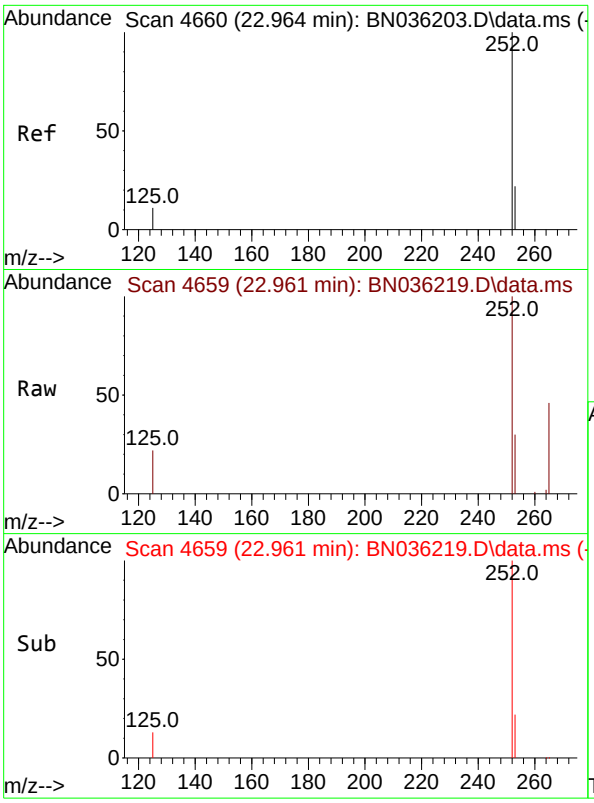


#22
Chrysene
Concen: 0.328 ng/ul
RT: 21.398 min Scan# 4124
Delta R.T. -0.008 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Tgt Ion:228 Resp: 9827

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	20.3	15.9	23.9



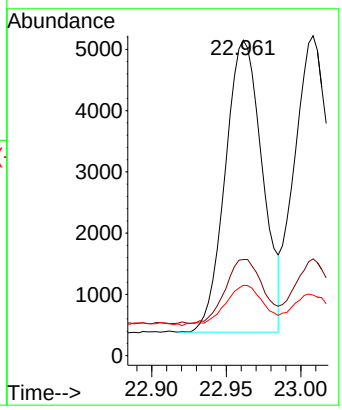


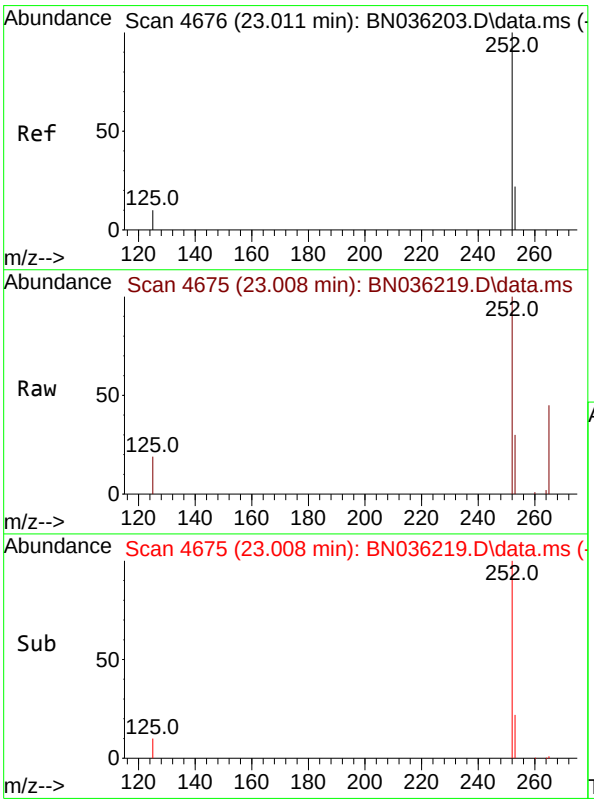
#24
Benzo(b)fluoranthene
Concen: 0.357 ng/ul
RT: 22.961 min Scan# 4
Delta R.T. -0.011 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Instrument :
BNA_N
ClientSampleId :
SLCS437

Tgt Ion:252 Resp: 8257

Ion	Ratio	Lower	Upper
252	100		
253	30.5	0.0	51.2
125	22.3	0.0	27.8

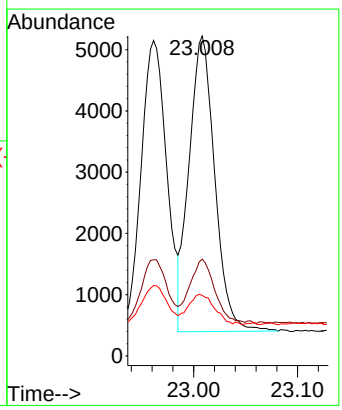


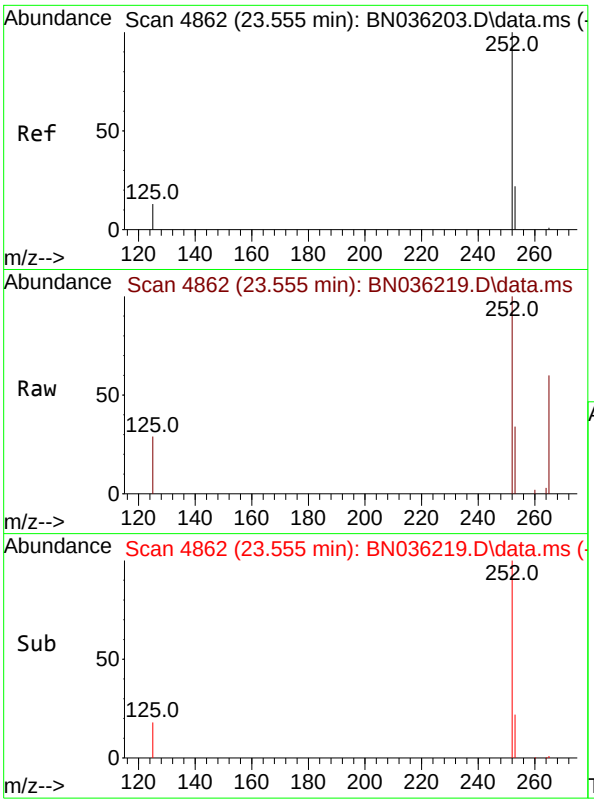


#25
Benzo(k)fluoranthene
Concen: 0.341 ng/ul
RT: 23.008 min Scan# 4675
Delta R.T. -0.011 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Tgt Ion:252 Resp: 8288

Ion	Ratio	Lower	Upper
252	100		
253	30.2	20.2	30.4
125	19.0	10.6	16.0#



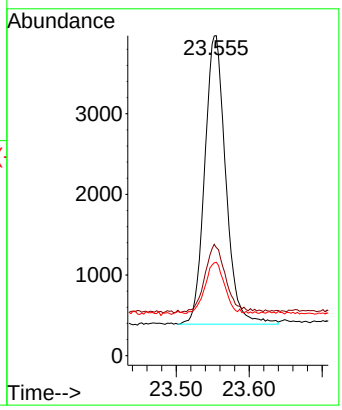


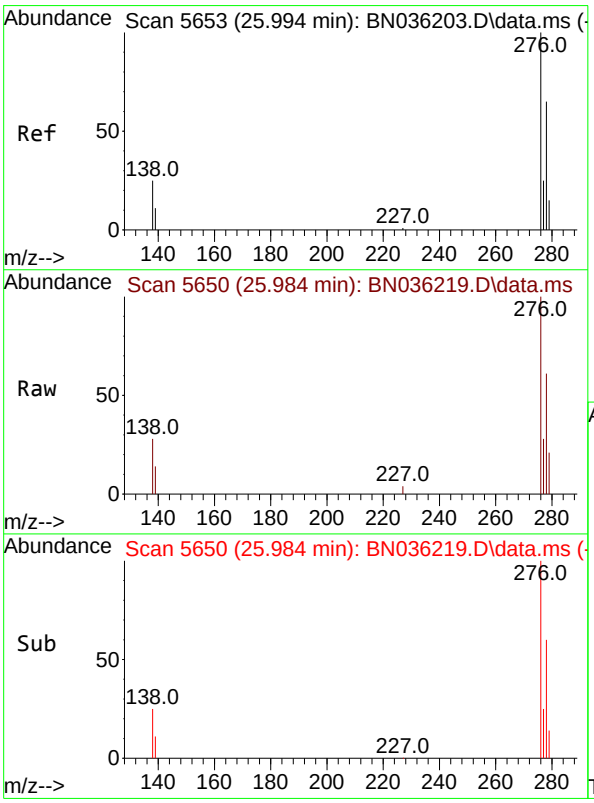
#26
Benzo(a)pyrene
Concen: 0.343 ng/ul
RT: 23.555 min Scan# 4
Delta R.T. -0.008 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Instrument :
BNA_N
ClientSampleId :
SLCS437

Tgt Ion:252 Resp: 7171

Ion	Ratio	Lower	Upper
252	100		
253	33.8	22.2	33.4#
125	29.2	13.1	19.7#

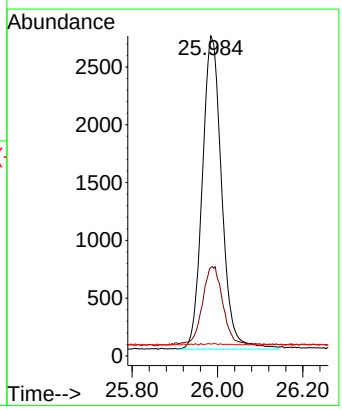


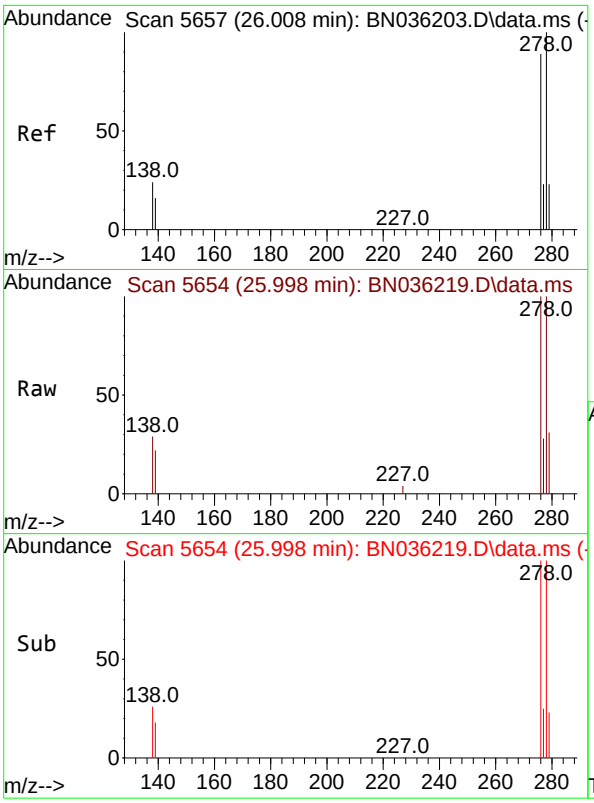


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.308 ng/ul
RT: 25.984 min Scan# 5650
Delta R.T. -0.020 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Tgt Ion:276 Resp: 8516

Ion	Ratio	Lower	Upper
276	100		
138	26.6	20.2	30.4
227	0.1	0.1	0.1



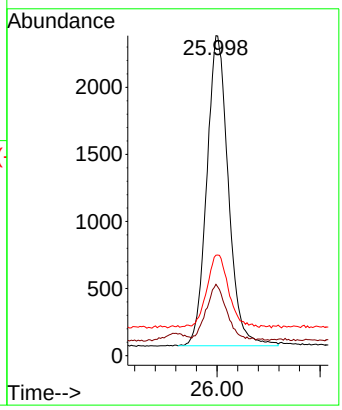


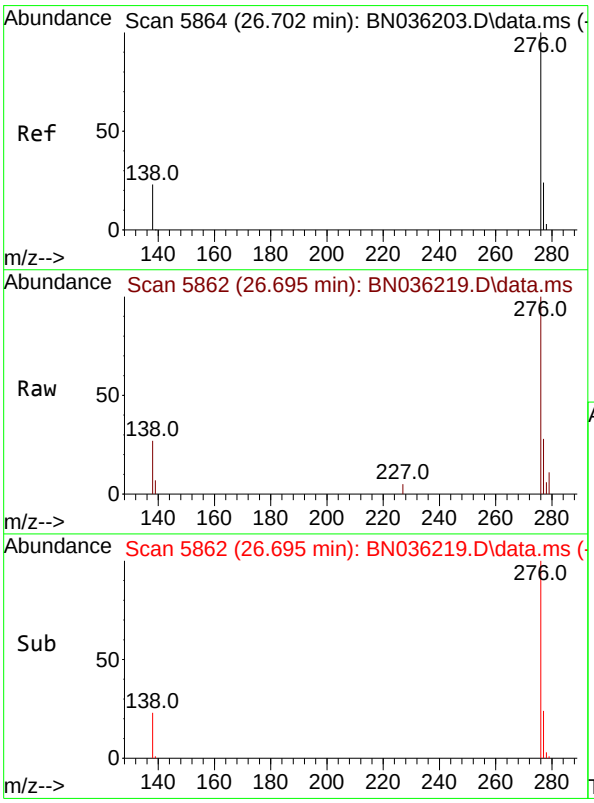
#28
Dibenzo(a,h)anthracene
Concen: 0.315 ng/ul
RT: 25.998 min Scan# 5
Delta R.T. -0.023 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Instrument :
BNA_N
ClientSampleId :
SLCS437

Tgt Ion:278 Resp: 6712

Ion	Ratio	Lower	Upper
278	100		
139	22.3	15.4	23.2
279	31.4	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 0.311 ng/ul
RT: 26.695 min Scan# 5862
Delta R.T. -0.023 min
Lab File: BN036219.D
Acq: 01 Feb 2025 22:28

Tgt Ion:276 Resp: 6681

Ion	Ratio	Lower	Upper
276	100		
138	26.8	19.4	29.0
277	28.0	21.1	31.7