Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036186.D
Acq On : 01 Feb 2025 02:03
Operator : RC/JU
Sample : PB166368BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS368

Quant Time: Feb 03 08:53:27 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	7.795	152	2593	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.589	136	6510	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.436	164	4091	0.400	ng/ul	-0.01
13) Phenanthrene-d10	17.183	188	9526	0.400	ng/ul	0.00
17) Chrysene-d12	21.366	240	10542	0.400	ng/ul	0.00
23) Perylene-d12	23.664	264	11561	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.259	96	1651	0.582	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.183	152	3365	0.409	ng/ul	-0.02
18) Fluoranthene-d10	19.211	212	9541	0.329	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	4485	1.480	ng/ul	90
5) Naphthalene	10.638	128	6171	0.344	ng/ul	100
7) 2-Methylnaphthalene	12.255	142	4827	0.433	ng/ul	100
8) 1-Methylnaphthalene	12.475	142	5085	0.450	ng/ul	99
10) Acenaphthylene	14.154	152	9434	0.489	ng/ul	98
11) Acenaphthene	14.496	153	7485	0.527	ng/ul	97
12) Fluorene	15.486	166	8741	0.558	ng/ul	99
14) Pentachlorophenol	16.841	266	1954	0.586	ng/ul	99
15) Phenanthrene	17.221	178	11566	0.415	ng/ul	98
16) Anthracene	17.314	178	10030	0.387	ng/ul	99
19) Fluoranthene	19.243	202	12378	0.309	ng/ul	99
20) Pyrene	19.606	202	13237	0.317	ng/ul	99
21) Benzo(a)anthracene	21.352	228	12856	0.342	ng/ul	99
22) Chrysene	21.401	228	12987	0.338	ng/ul	99
24) Benzo(b)fluoranthene	22.968	252	13346	0.346	ng/ul	93
25) Benzo(k)fluoranthene	23.015	252	13637	0.336	ng/ul#	94
26) Benzo(a)pyrene	23.561	252	12029	0.345	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.998	276	14165	0.307	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.018	278	11143	0.314	ng/ul	98
29) Benzo(g,h,i)perylene	26.713	276	10964	0.306	ng/ul	99

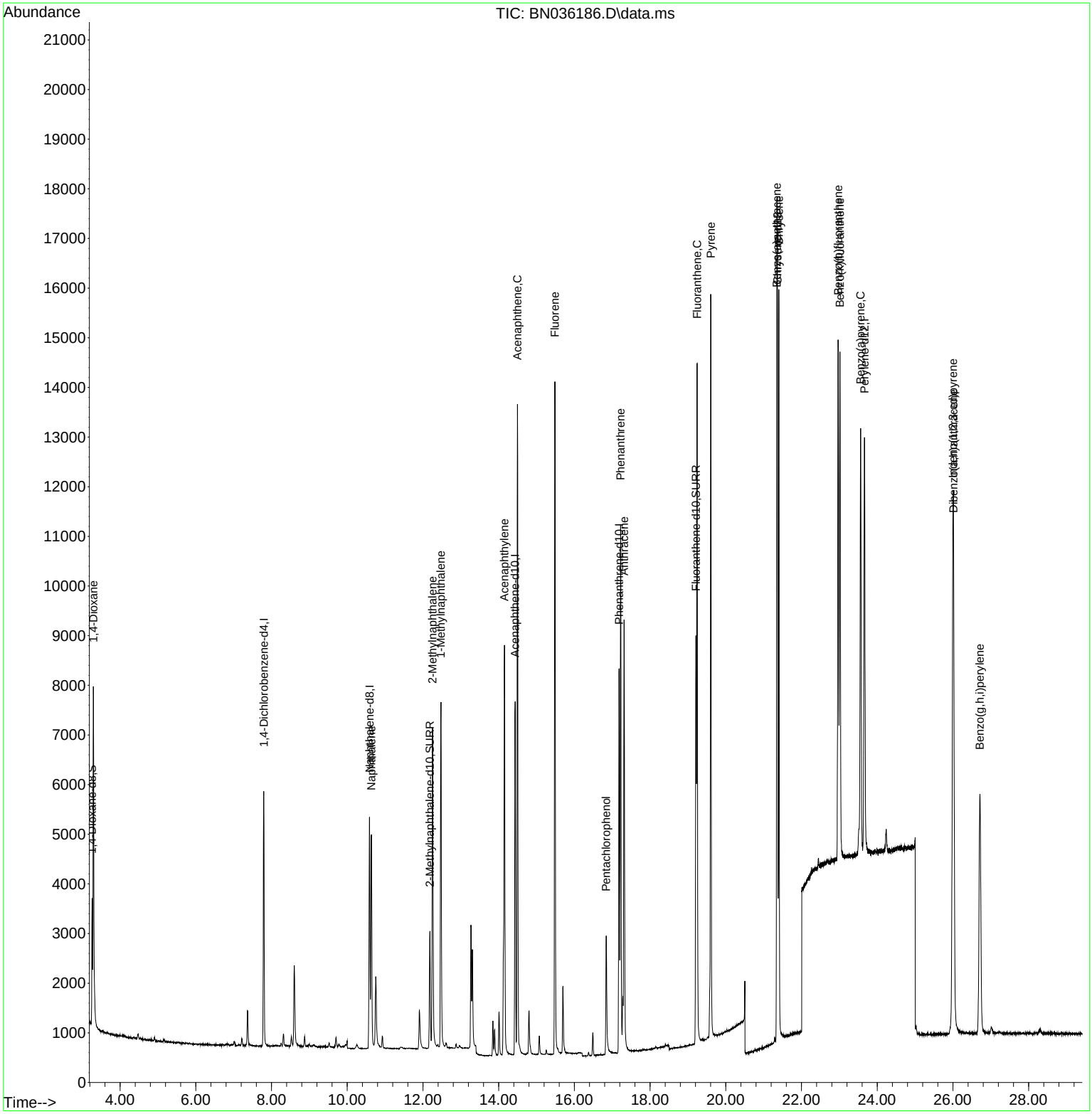
(#) = qualifier out of range (m) = manual integration (+) = signals summed

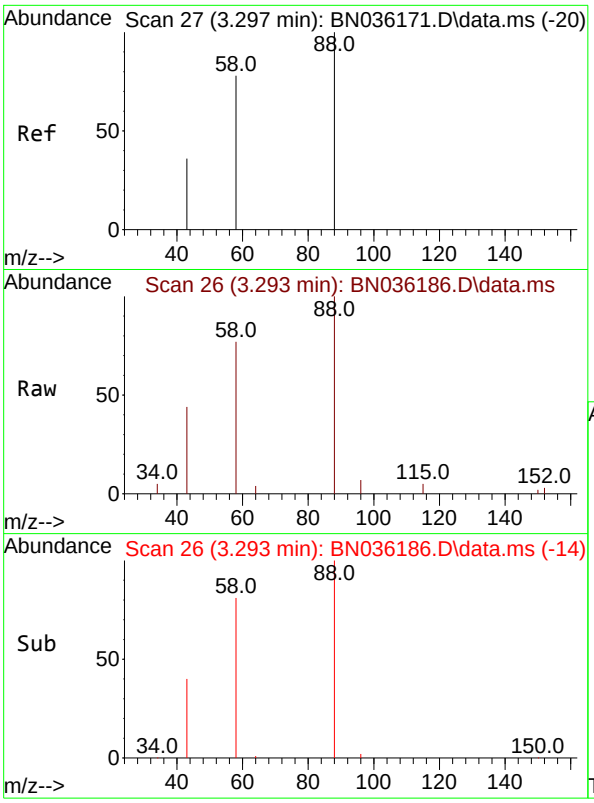
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN013125\
Data File : BN036186.D
Acq On : 01 Feb 2025 02:03
Operator : RC/JU
Sample : PB166368BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS368

Quant Time: Feb 03 08:53:27 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



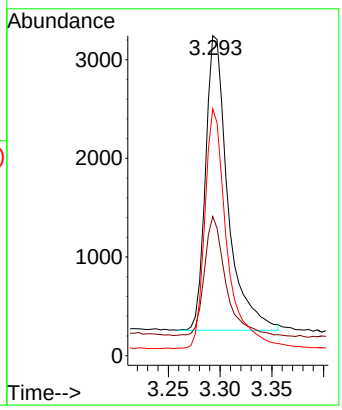


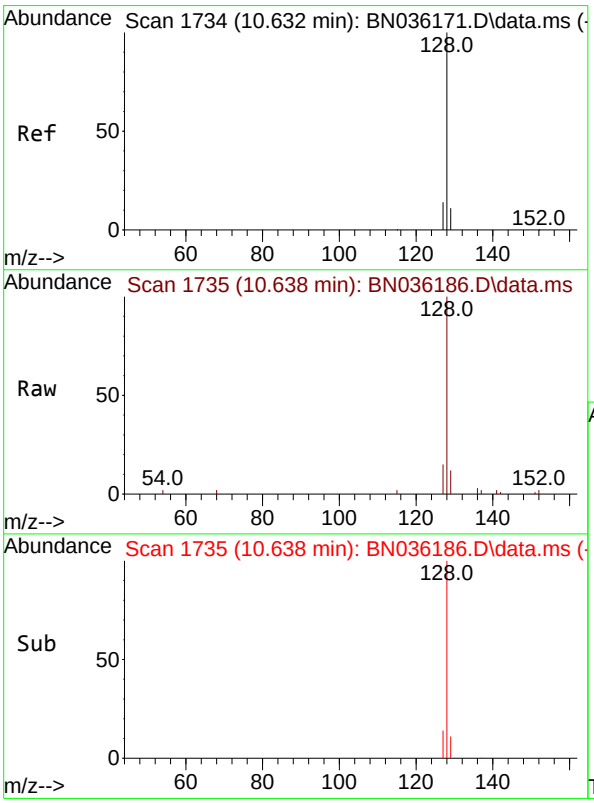
#2
1,4-Dioxane
Concen: 1.480 ng/ul
RT: 3.293 min Scan# 2
Delta R.T. -0.021 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Instrument :
BNA_N
ClientSampleId :
SLCS368

Tgt Ion: 88 Resp: 4485

Ion	Ratio	Lower	Upper
88	100		
43	43.5	40.7	61.1
58	77.1	55.2	82.8

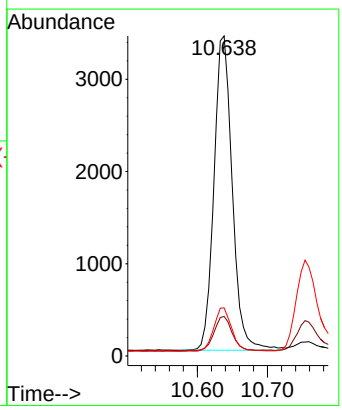


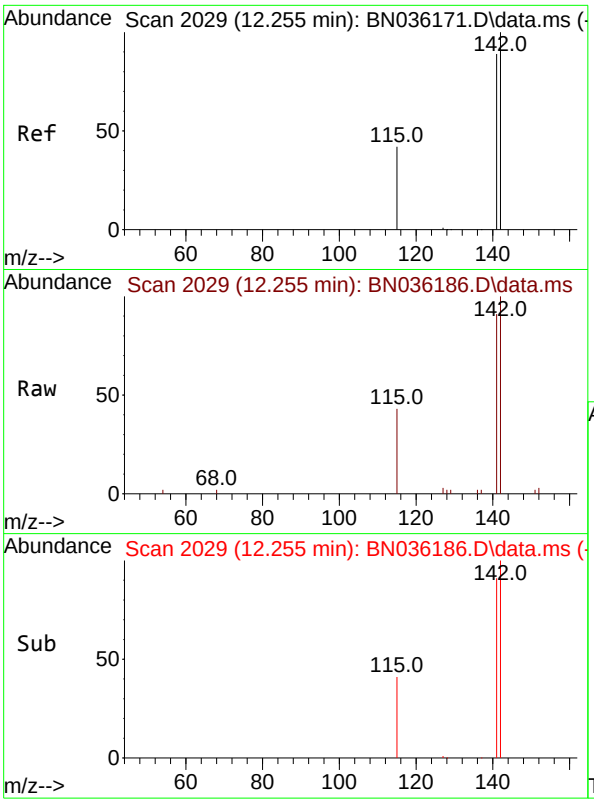


#5
Naphthalene
Concen: 0.344 ng/ul
RT: 10.638 min Scan# 1735
Delta R.T. -0.017 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:128 Resp: 6171

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	15.0	12.0	18.0



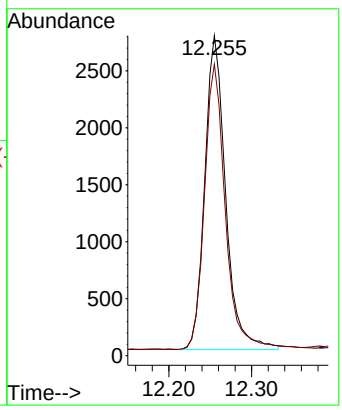


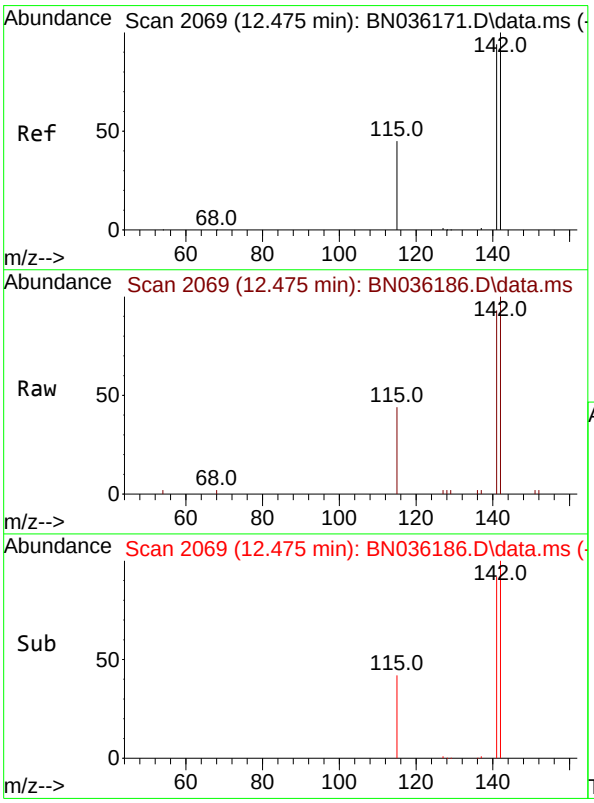
#7
2-Methylnaphthalene
Concen: 0.433 ng/ul
RT: 12.255 min Scan# 2(
Delta R.T. -0.017 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Instrument :
BNA_N
ClientSampleId :
SLCS368

Tgt Ion:142 Resp: 4827

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9

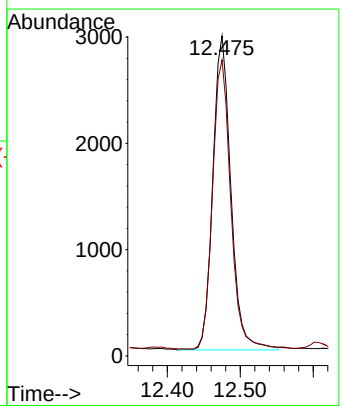


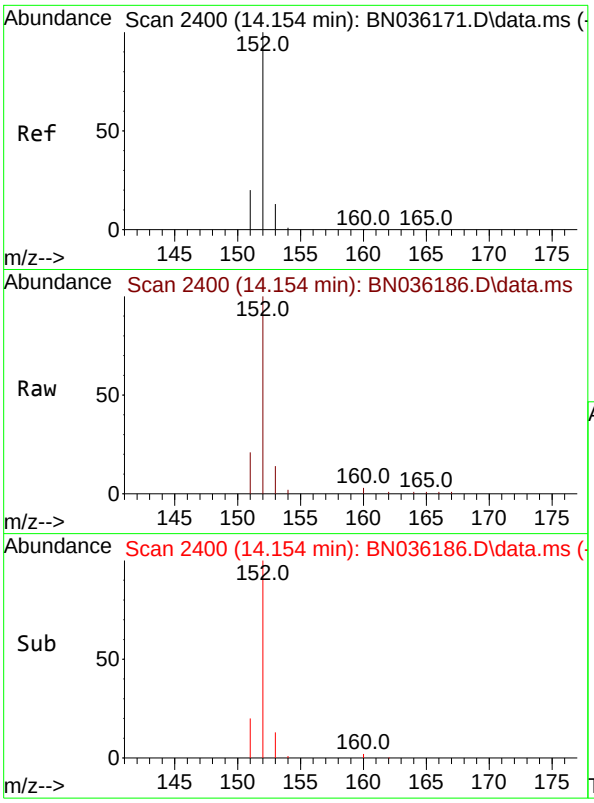


#8
1-Methylnaphthalene
Concen: 0.450 ng/ul
RT: 12.475 min Scan# 2069
Delta R.T. -0.017 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:142 Resp: 5085

Ion	Ratio	Lower	Upper
142	100		
141	92.7	75.2	112.8



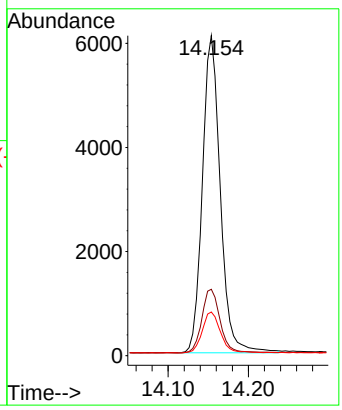


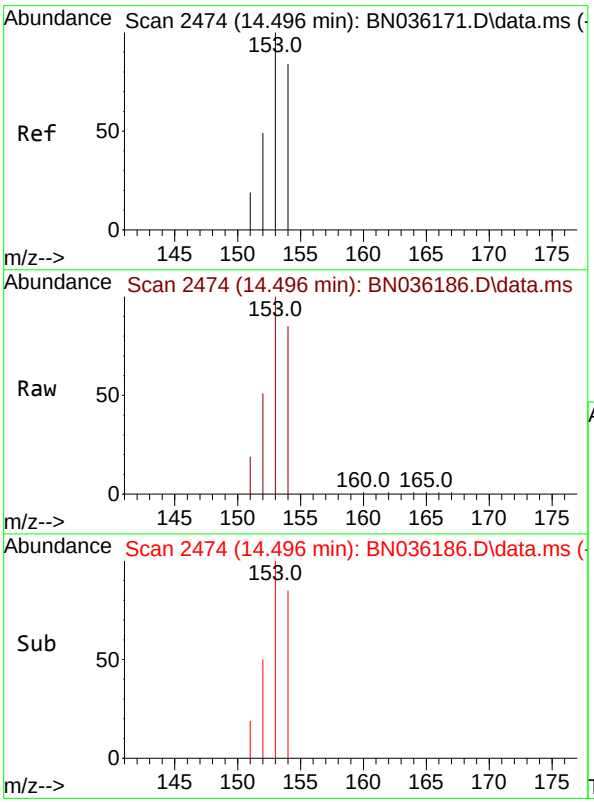
#10
Acenaphthylene
Concen: 0.489 ng/ul
RT: 14.154 min Scan# 24
Delta R.T. -0.014 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Instrument :
BNA_N
ClientSampleId :
SLCS368

Tgt Ion:152 Resp: 9434

Ion	Ratio	Lower	Upper
152	100		
151	20.8	17.4	26.2
153	13.7	11.9	17.9

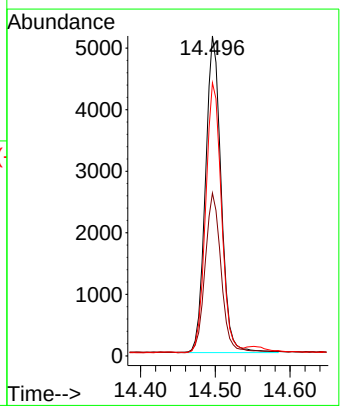


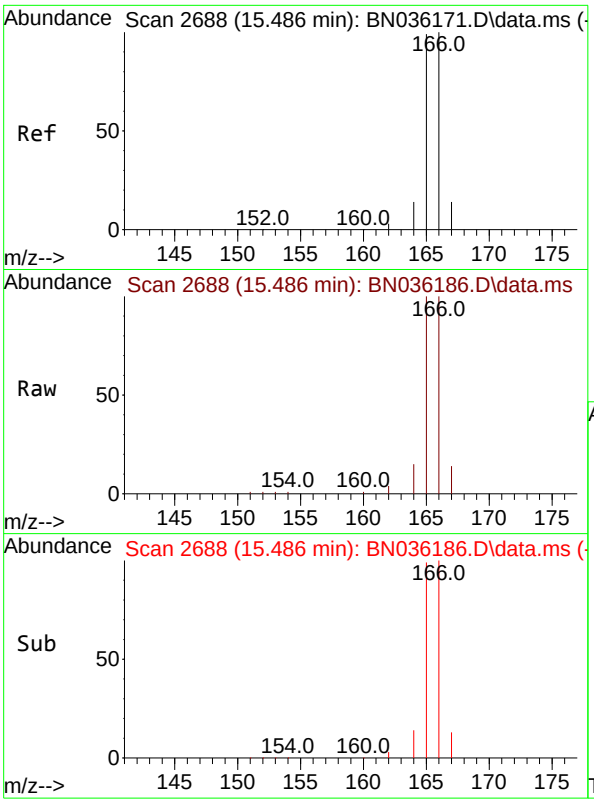


#11
Acenaphthene
Concen: 0.527 ng/ul
RT: 14.496 min Scan# 2474
Delta R.T. -0.019 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:153 Resp: 7485

Ion	Ratio	Lower	Upper
153	100		
152	50.9	43.2	64.8
154	85.4	70.5	105.7



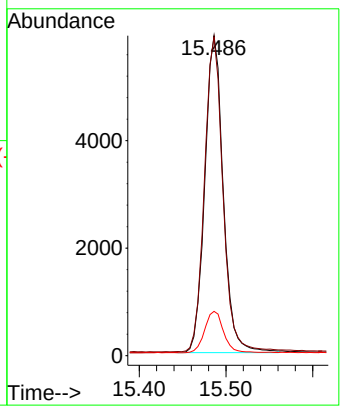


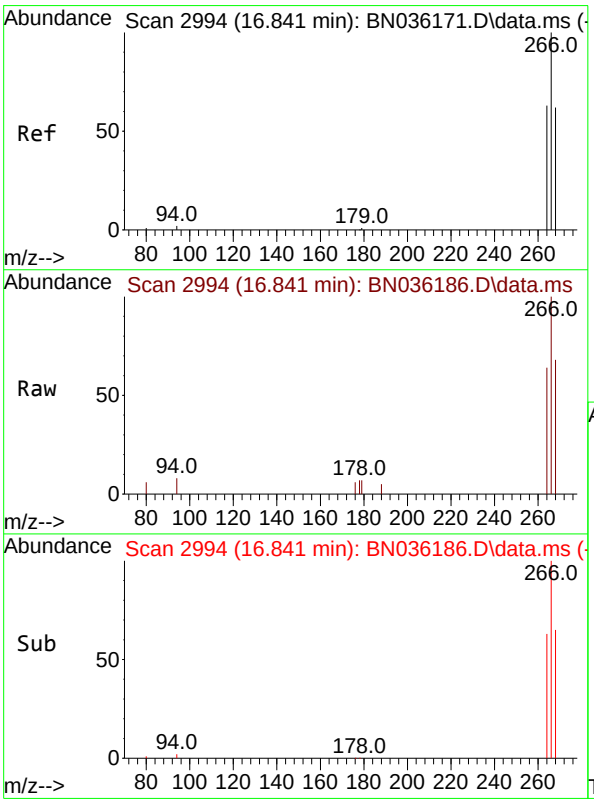
#12
Fluorene
Concen: 0.558 ng/ul
RT: 15.486 min Scan# 2
Delta R.T. -0.014 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Instrument :
BNA_N
ClientSampleId :
SLCS368

Tgt Ion:166 Resp: 8741

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.3	120.5
167	13.9	12.3	18.5

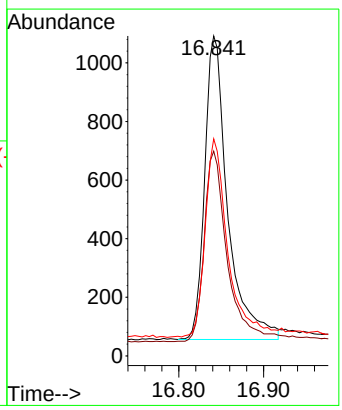


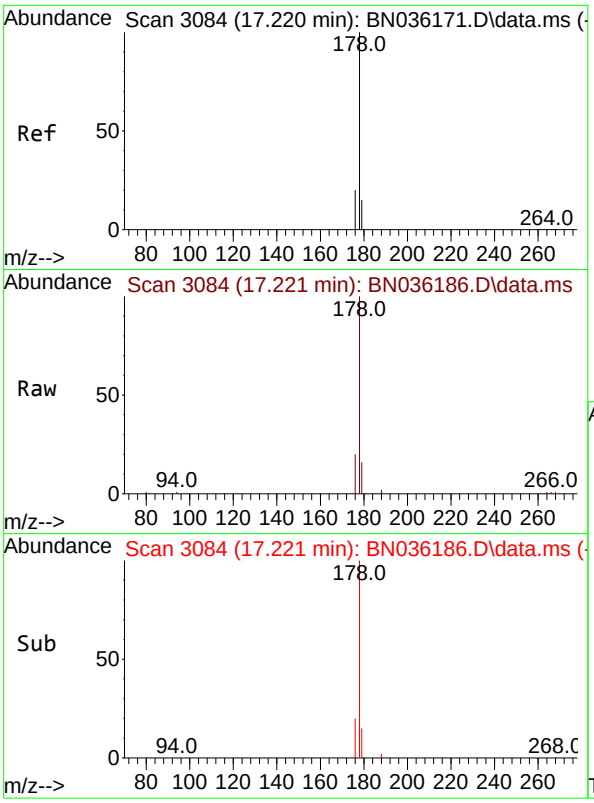


#14
Pentachlorophenol
Concen: 0.586 ng/ul
RT: 16.841 min Scan# 2994
Delta R.T. 0.000 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:266 Resp: 1954

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.6	75.8
268	65.0	50.6	75.8



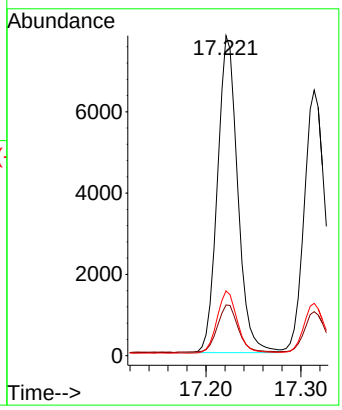


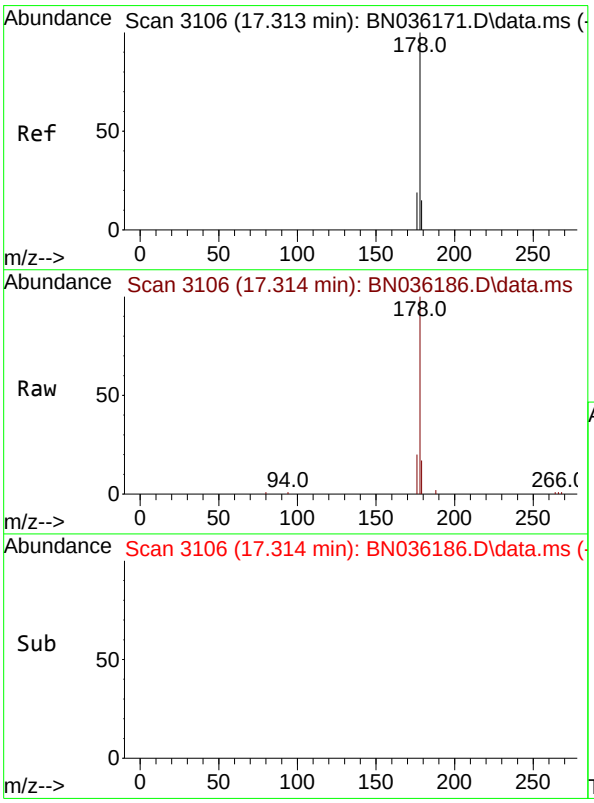
#15
Phenanthrene
Concen: 0.415 ng/ul
RT: 17.221 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Instrument :
BNA_N
ClientSampleId :
SLCS368

Tgt Ion:178 Resp: 11566

Ion	Ratio	Lower	Upper
178	100		
179	15.9	13.2	19.8
176	20.2	16.8	25.2

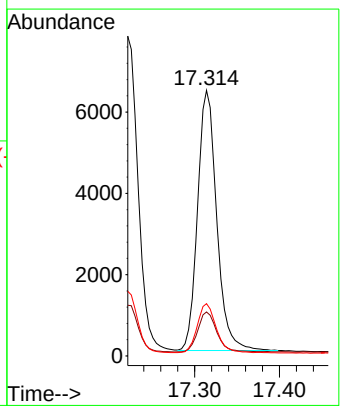


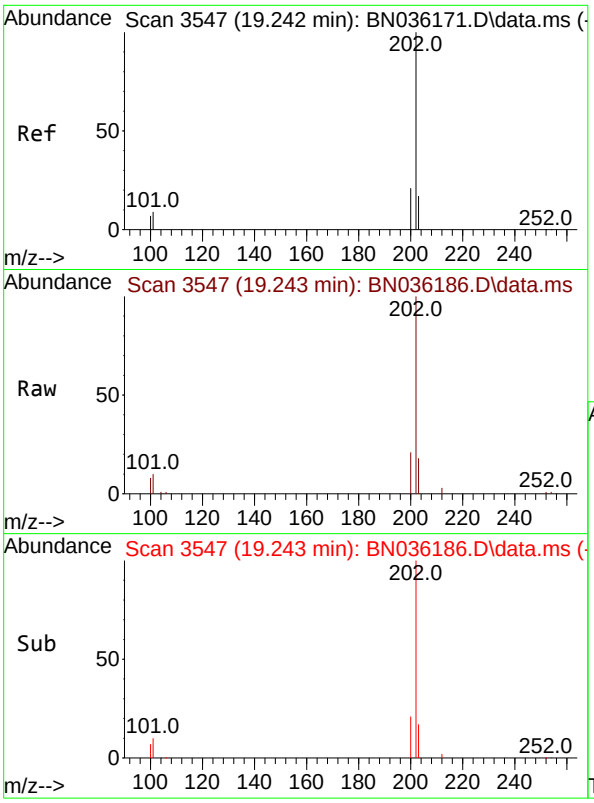


#16
Anthracene
Concen: 0.387 ng/ul
RT: 17.314 min Scan# 3106
Delta R.T. -0.008 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:178 Resp: 10030

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.0	19.4
176	19.7	15.9	23.9



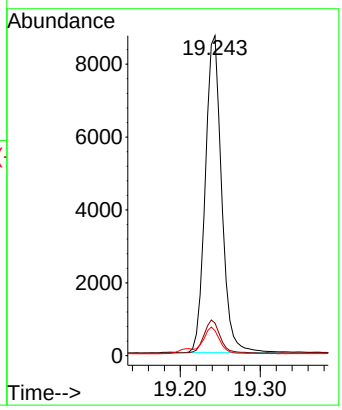


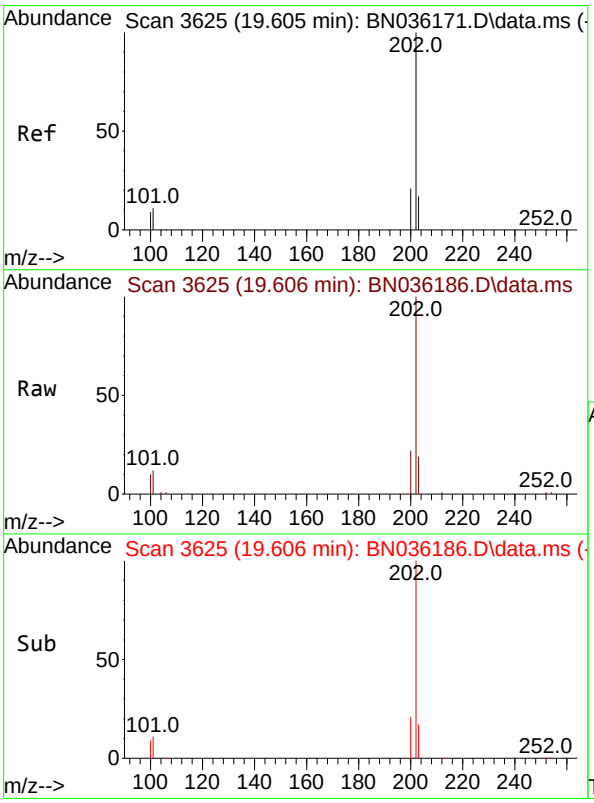
#19
Fluoranthene
Concen: 0.309 ng/ul
RT: 19.243 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Instrument :
BNA_N
ClientSampleId :
SLCS368

Tgt Ion:202 Resp: 12378

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
100	7.8	6.5	9.7

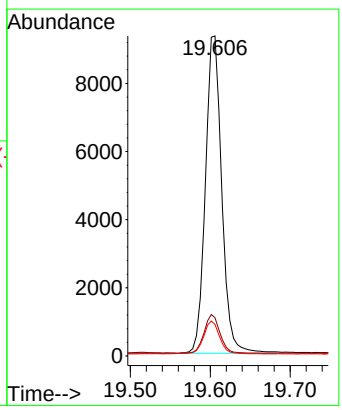


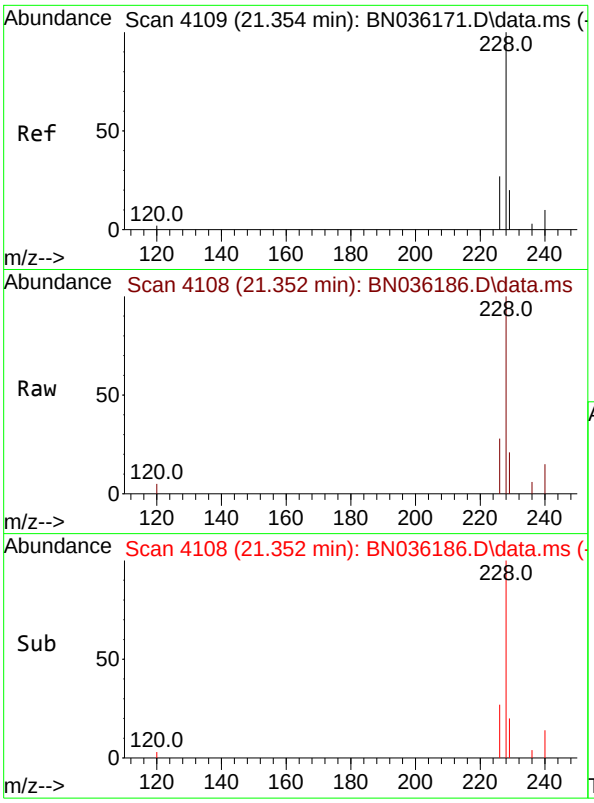


#20
Pyrene
Concen: 0.317 ng/ul
RT: 19.606 min Scan# 3625
Delta R.T. -0.004 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:202 Resp: 13237

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.3	13.9
100	9.8	7.5	11.3



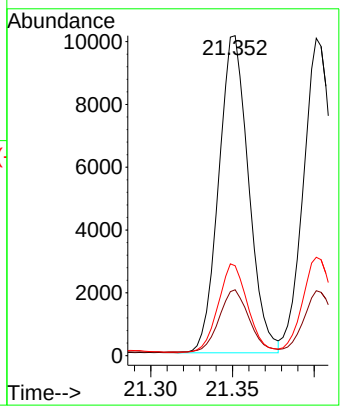


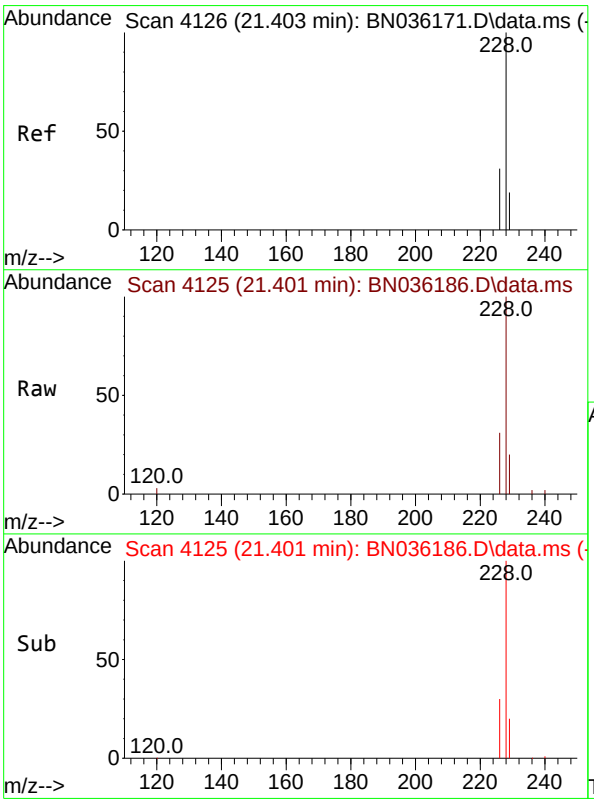
#21
Benzo(a)anthracene
Concen: 0.342 ng/ul
RT: 21.352 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Instrument :
BNA_N
ClientSampleId :
SLCS368

Tgt Ion:228 Resp: 12856

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.9	23.9
226	28.1	22.8	34.2

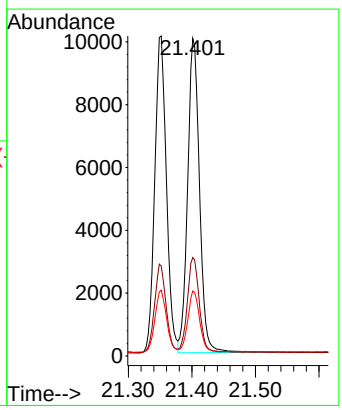


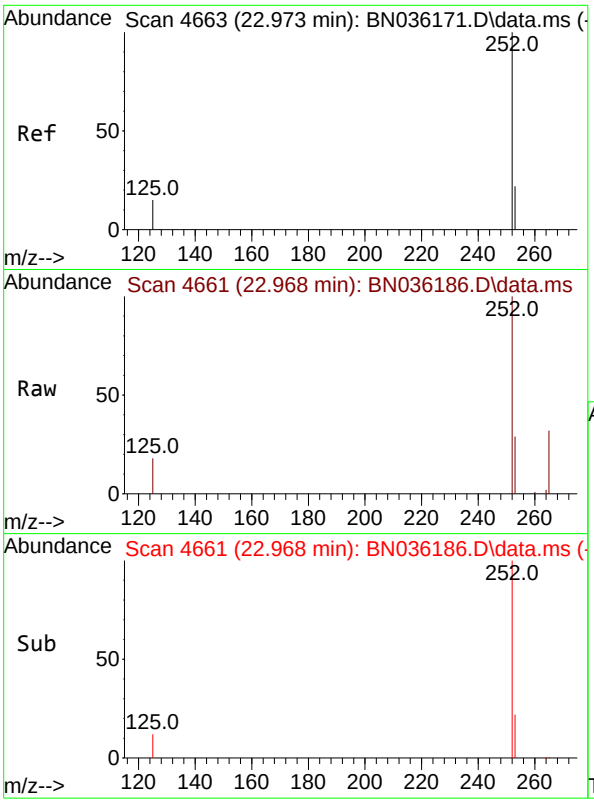


#22
Chrysene
Concen: 0.338 ng/ul
RT: 21.401 min Scan# 4125
Delta R.T. -0.005 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:228 Resp: 12987

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.4	36.6
229	20.5	15.9	23.9



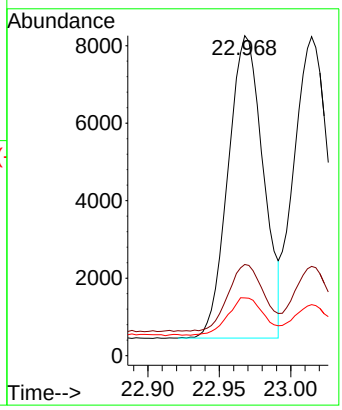


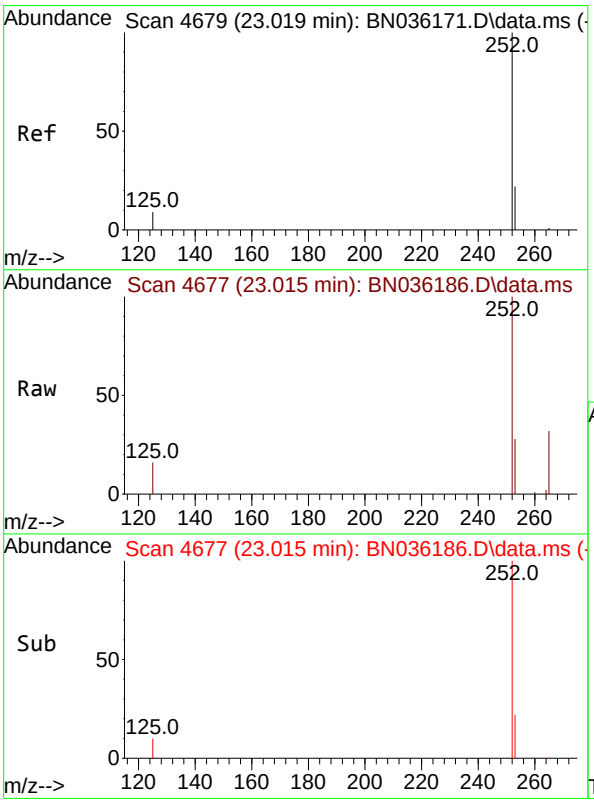
#24
Benzo(b)fluoranthene
Concen: 0.346 ng/ul
RT: 22.968 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Instrument :
BNA_N
ClientSampleId :
SLCS368

Tgt Ion:252 Resp: 13346

Ion	Ratio	Lower	Upper
252	100		
253	28.5	0.0	51.2
125	18.1	0.0	27.8

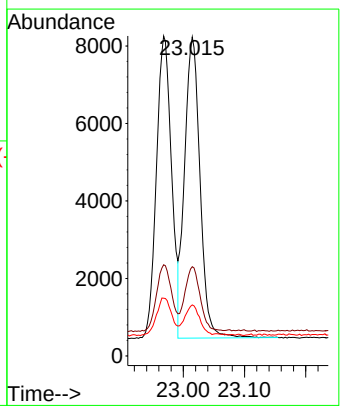


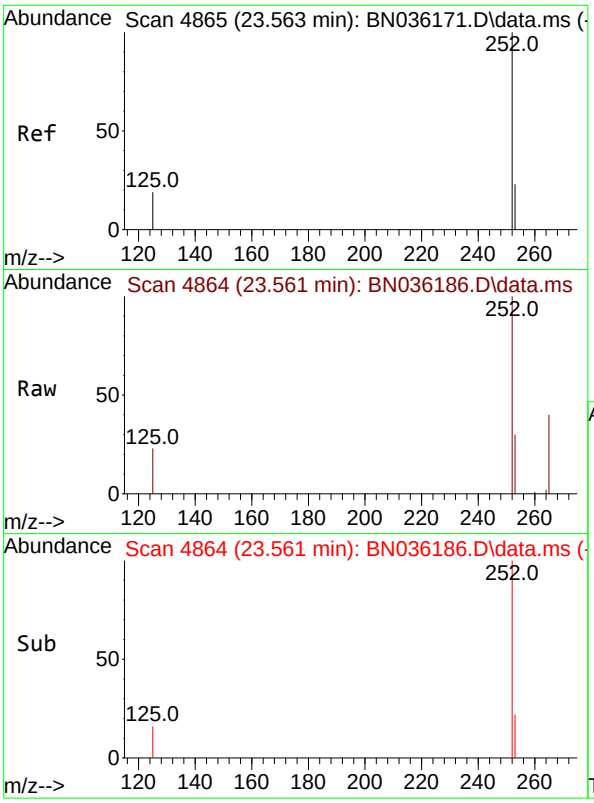


#25
Benzo(k)fluoranthene
Concen: 0.336 ng/ul
RT: 23.015 min Scan# 4677
Delta R.T. -0.005 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:252 Resp: 13637

Ion	Ratio	Lower	Upper
252	100		
253	28.0	20.2	30.4
125	16.0	10.6	16.0#



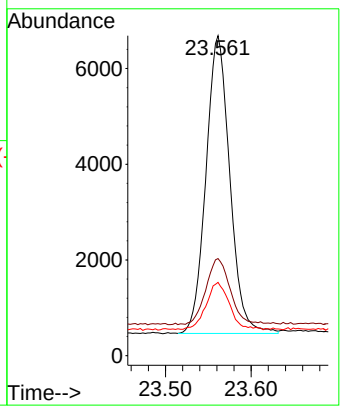


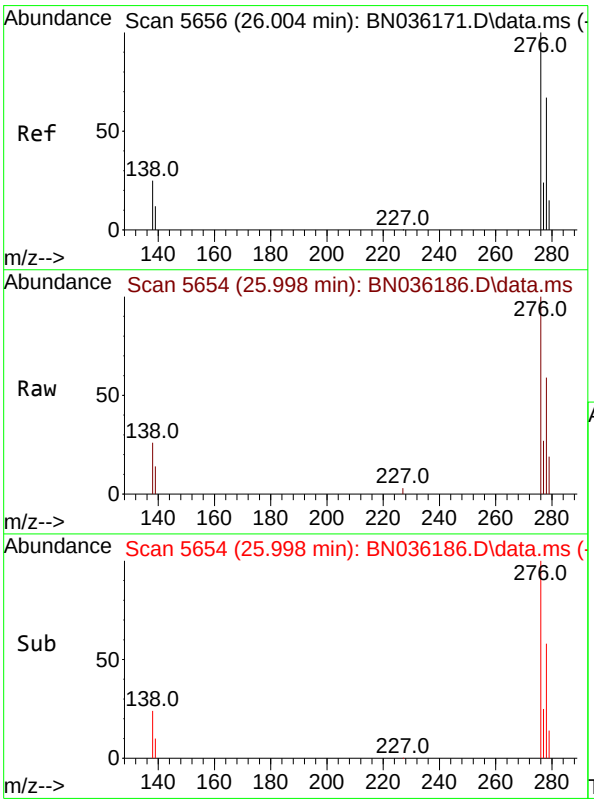
#26
Benzo(a)pyrene
Concen: 0.345 ng/ul
RT: 23.561 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Instrument :
BNA_N
ClientSampleId :
SLCS368

Tgt Ion:252 Resp: 12029

Ion	Ratio	Lower	Upper
252	100		
253	30.4	22.2	33.4
125	22.9	13.1	19.7#

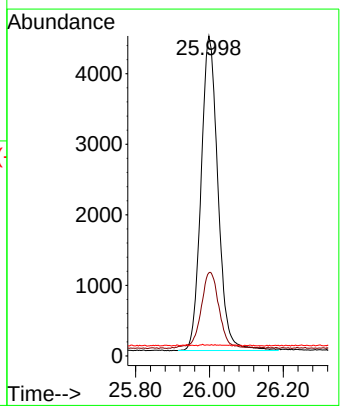


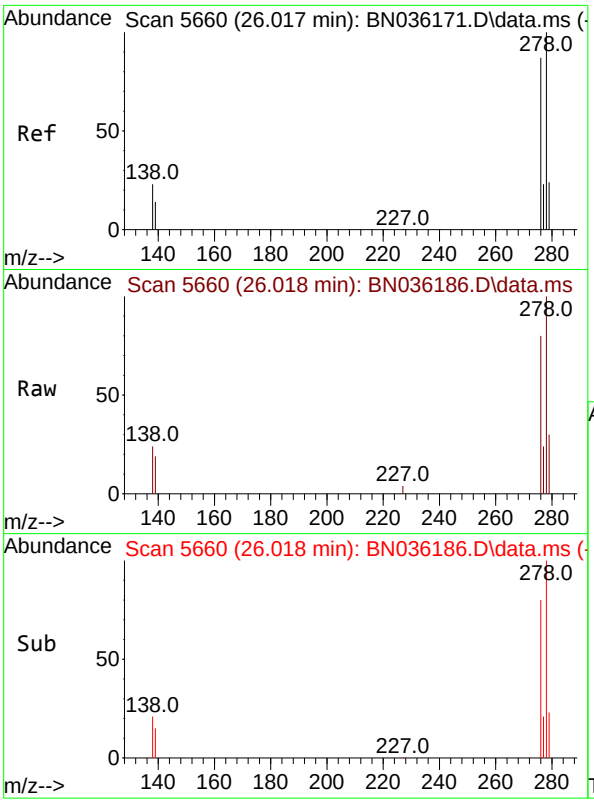


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.307 ng/ul
RT: 25.998 min Scan# 5654
Delta R.T. -0.006 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:276 Resp: 14165

Ion	Ratio	Lower	Upper
276	100		
138	26.2	20.2	30.4
227	0.0	0.1	0.1#



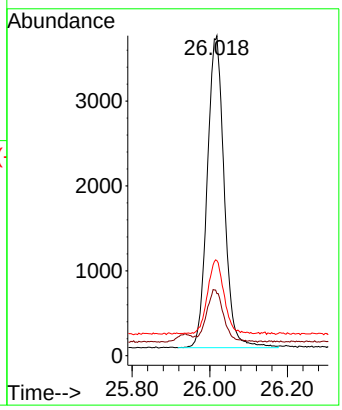


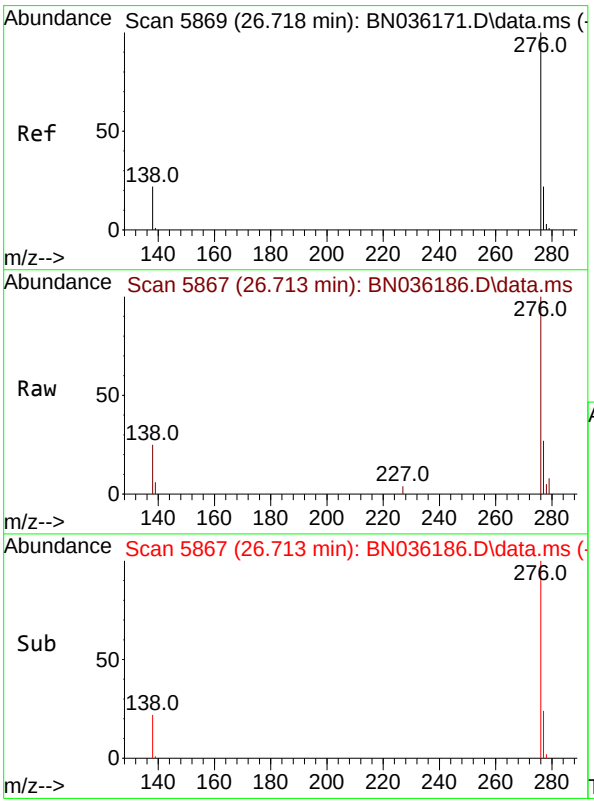
#28
Dibenzo(a,h)anthracene
Concen: 0.314 ng/ul
RT: 26.018 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Instrument :
BNA_N
ClientSampleId :
SLCS368

Tgt Ion:278 Resp: 11143

Ion	Ratio	Lower	Upper
278	100		
139	19.4	15.4	23.2
279	29.7	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 0.306 ng/ul
RT: 26.713 min Scan# 5867
Delta R.T. -0.006 min
Lab File: BN036186.D
Acq: 01 Feb 2025 02:03

Tgt Ion:276 Resp: 10964

Ion	Ratio	Lower	Upper
276	100		
138	24.5	19.4	29.0
277	26.9	21.1	31.7