Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036096.D
Acq On : 29 Jan 2025 05:18
Operator : RC/JU
Sample : PB166305BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS305

Quant Time: Jan 29 08:08:51 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	7.808	152	2509	0.400	ng/ul	0.00
4) Naphthalene-d8	10.600	136	5723	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.445	164	3559	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	7967	0.400	ng/ul	0.00
17) Chrysene-d12	21.381	240	7818	0.400	ng/ul	0.00
23) Perylene-d12	23.684	264	7566	0.400	ng/ul	# 0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.272	96	1547	0.563	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.195	152	3147	0.436	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	8729	0.406	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.306	88	4437	1.513	ng/ul#	91
5) Naphthalene	10.649	128	5742	0.364	ng/ul	99
7) 2-Methylnaphthalene	12.266	142	3752	0.383	ng/ul	99
8) 1-Methylnaphthalene	12.486	142	3795	0.382	ng/ul	100
10) Acenaphthylene	14.168	152	5640	0.336	ng/ul	99
11) Acenaphthene	14.510	153	4325	0.350	ng/ul	98
12) Fluorene	15.496	166	4913	0.360	ng/ul	98
14) Pentachlorophenol	16.849	266	1978	0.709	ng/ul	99
15) Phenanthrene	17.233	178	8270	0.355	ng/ul	99
16) Anthracene	17.326	178	7570	0.349	ng/ul	99
19) Fluoranthene	19.252	202	10589	0.356	ng/ul	99
20) Pyrene	19.615	202	11118	0.358	ng/ul	99
21) Benzo(a)anthracene	21.363	228	10533	0.377	ng/ul	99
22) Chrysene	21.416	228	10727	0.376	ng/ul	99
24) Benzo(b)fluoranthene	22.988	252	10214	0.405	ng/ul	91
25) Benzo(k)fluoranthene	23.032	252	9997	0.377	ng/ul#	92
26) Benzo(a)pyrene	23.581	252	8770	0.385	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.032	276	10582	0.351	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.048	278	8287	0.357	ng/ul	96
29) Benzo(g,h,i)perylene	26.746	276	8258	0.353	ng/ul	98

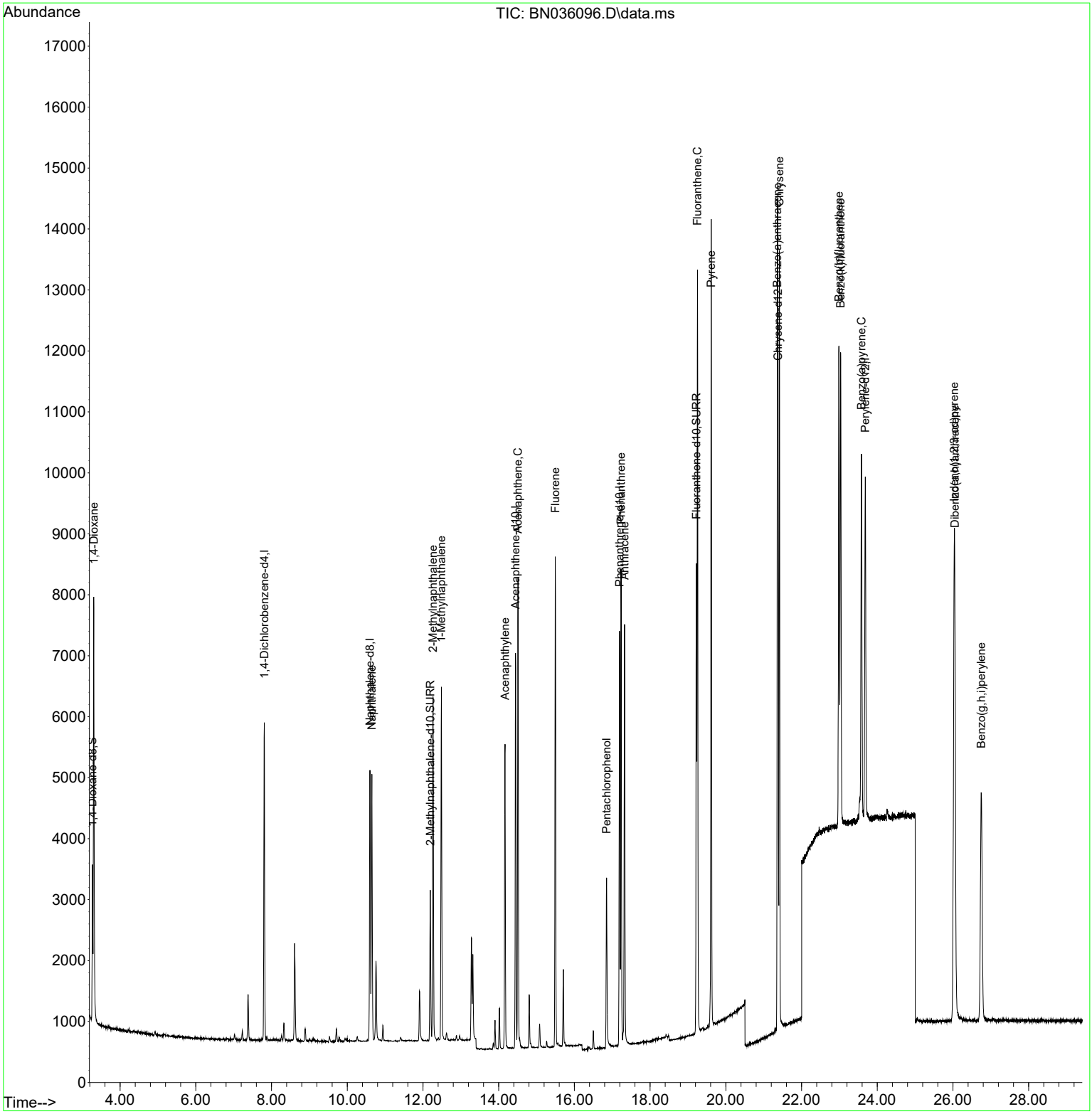
(#) = qualifier out of range (m) = manual integration (+) = signals summed

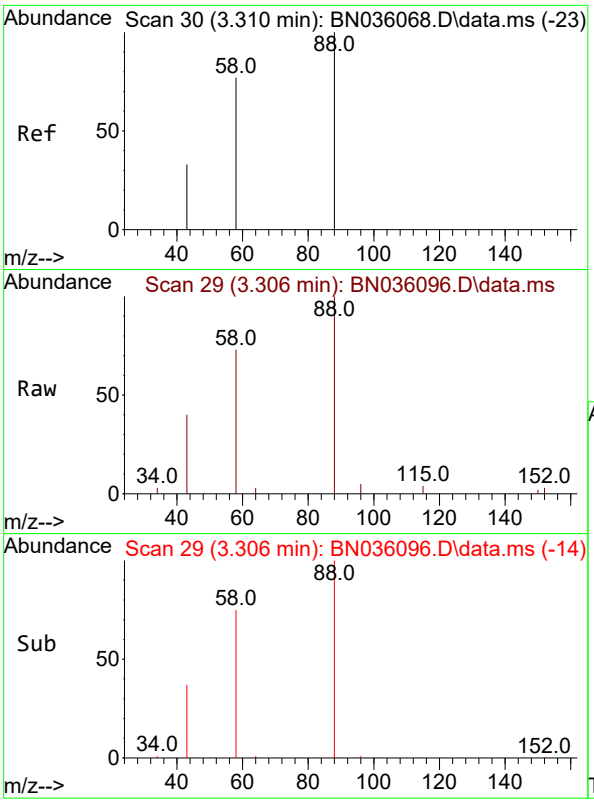
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012825\
Data File : BN036096.D
Acq On : 29 Jan 2025 05:18
Operator : RC/JU
Sample : PB166305BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS305

Quant Time: Jan 29 08:08:51 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



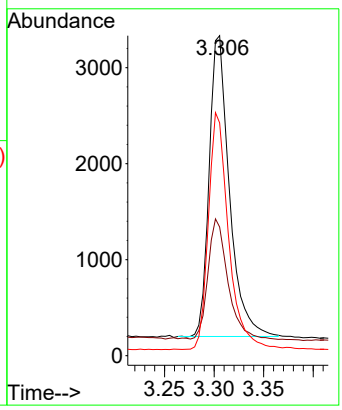


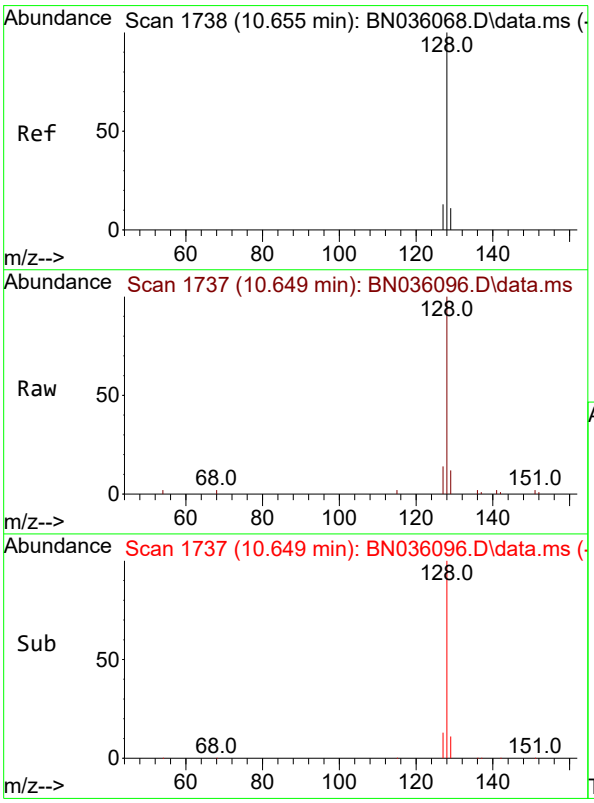
#2
1,4-Dioxane
Concen: 1.513 ng/ul
RT: 3.306 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Instrument :
BNA_N
ClientSampleId :
SLCS305

Tgt Ion: 88 Resp: 4437

Ion	Ratio	Lower	Upper
88	100		
43	40.2	40.7	61.1#
58	72.8	55.2	82.8

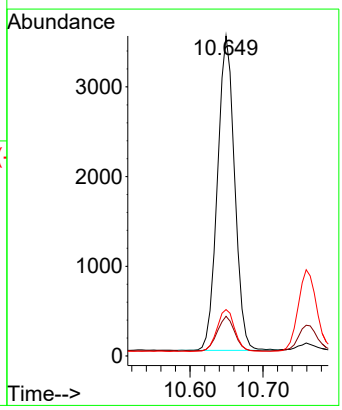


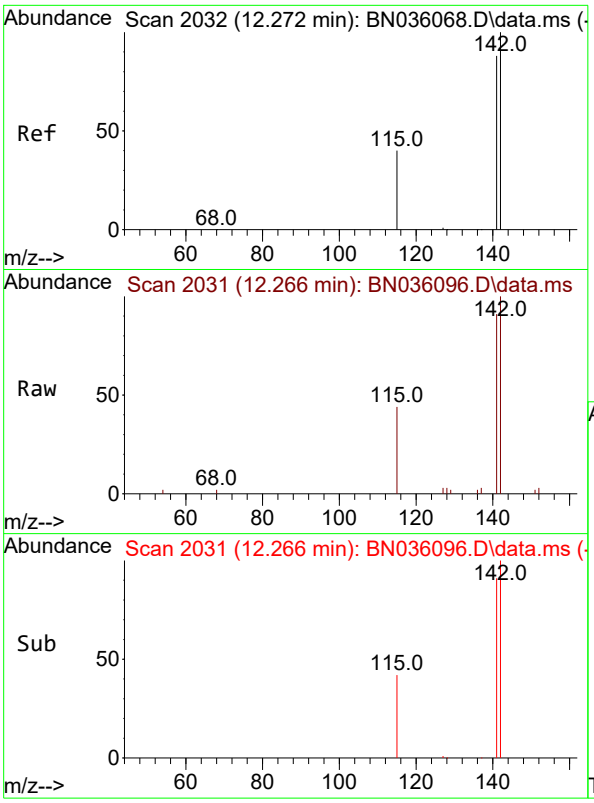


#5
Naphthalene
Concen: 0.364 ng/ul
RT: 10.649 min Scan# 1737
Delta R.T. -0.005 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:128 Resp: 5742

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	14.5	12.0	18.0



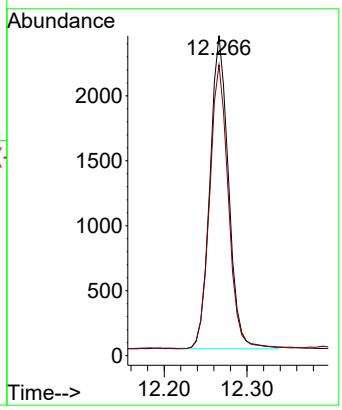


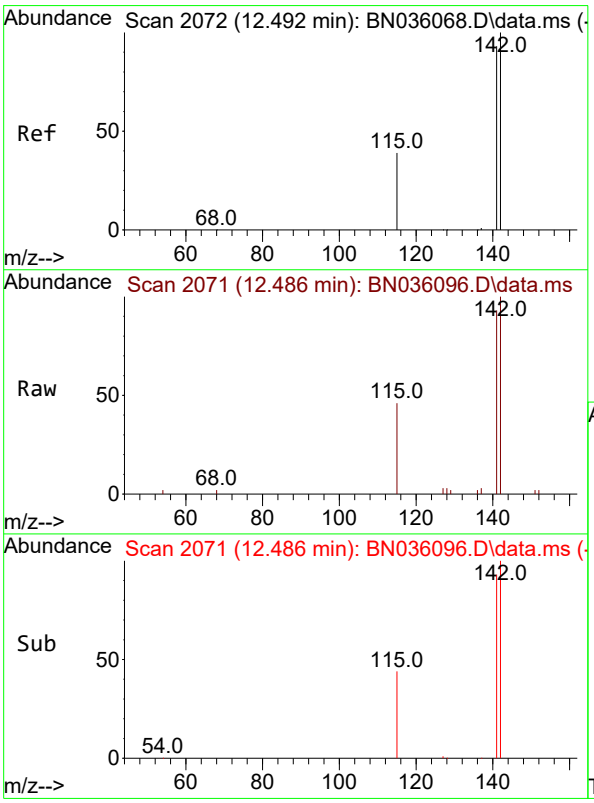
#7
2-Methylnaphthalene
Concen: 0.383 ng/ul
RT: 12.266 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Instrument :
BNA_N
ClientSampleId :
SLCS305

Tgt Ion:142 Resp: 3752

Ion	Ratio	Lower	Upper
142	100		
141	91.1	71.9	107.9

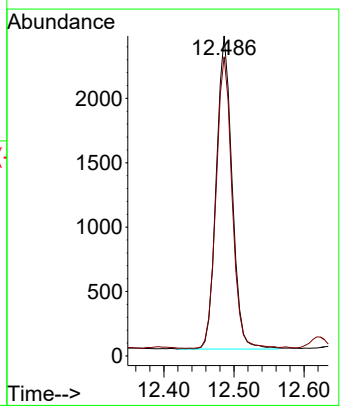


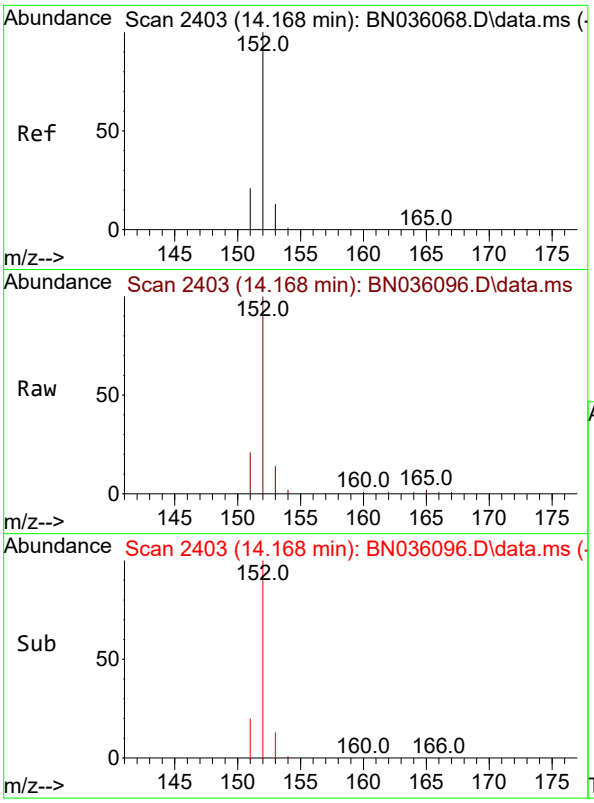


#8
1-Methylnaphthalene
Concen: 0.382 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. -0.005 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:142 Resp: 3795

Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.2	112.8



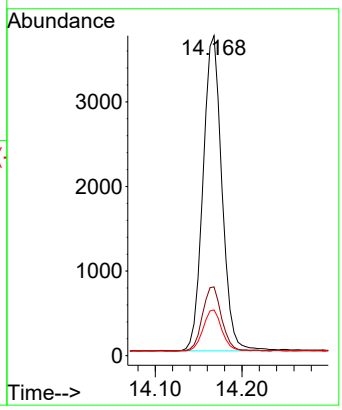


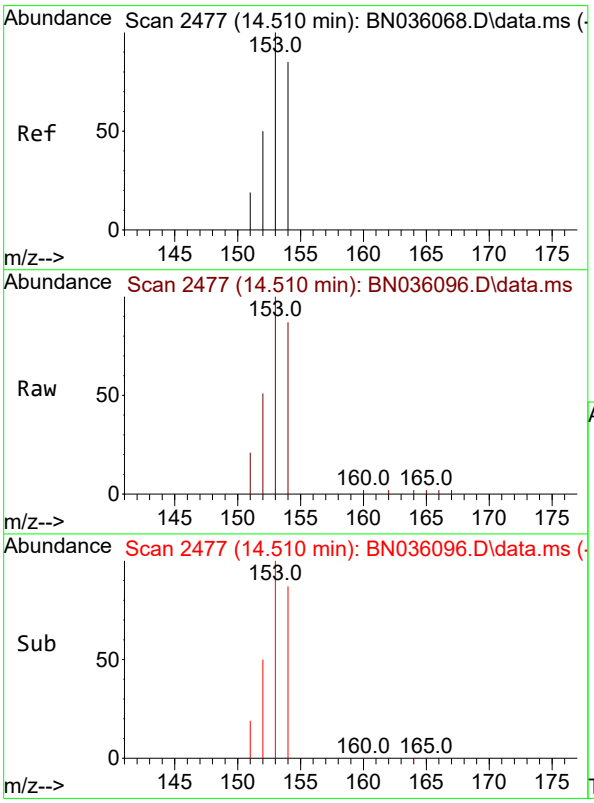
#10
Acenaphthylene
Concen: 0.336 ng/ul
RT: 14.168 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Instrument :
BNA_N
ClientSampleId :
SLCS305

Tgt Ion:152 Resp: 5640

Ion	Ratio	Lower	Upper
152	100		
151	21.5	17.4	26.2
153	14.3	11.9	17.9

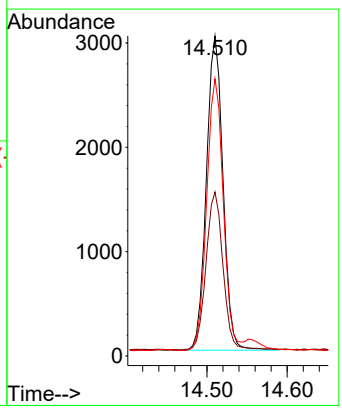


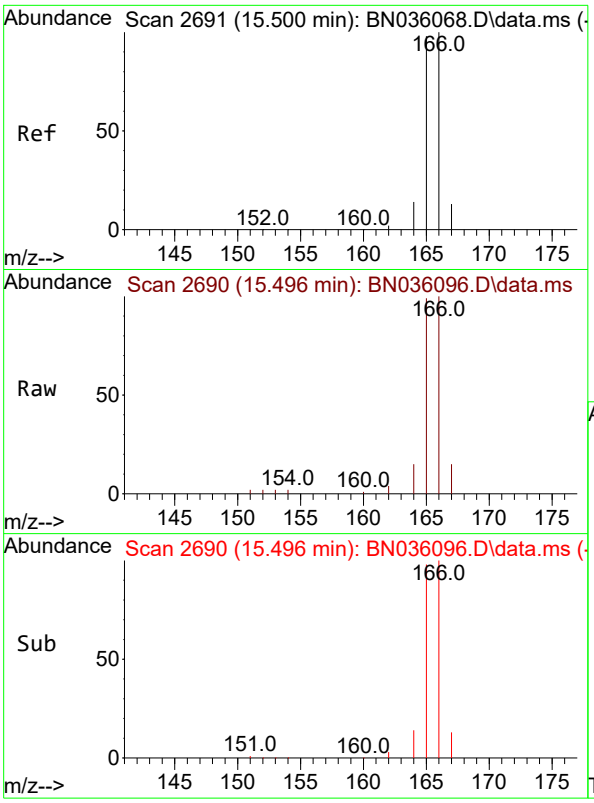


#11
Acenaphthene
Concen: 0.350 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:153 Resp: 4325

Ion	Ratio	Lower	Upper
153	100		
152	51.3	43.2	64.8
154	86.6	70.5	105.7



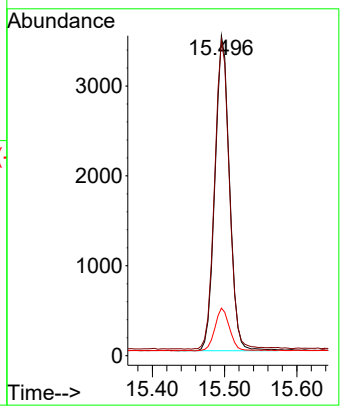


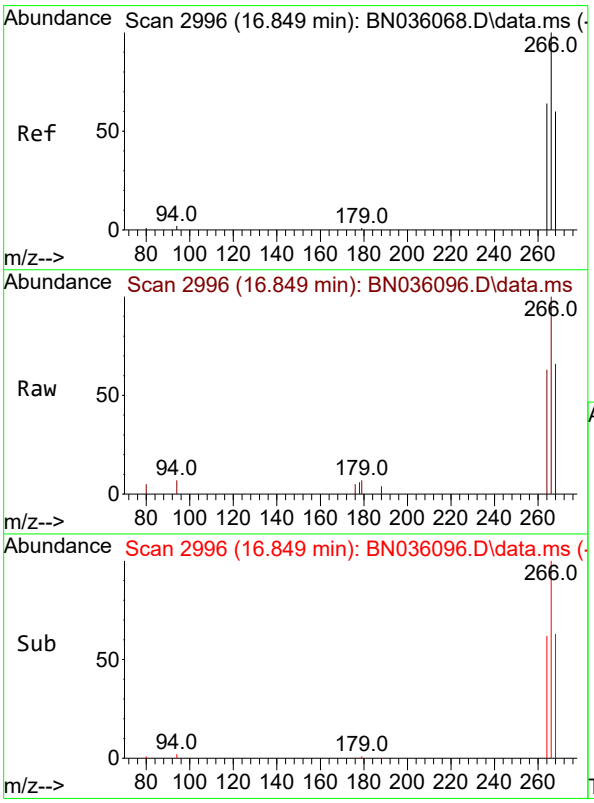
#12
Fluorene
Concen: 0.360 ng/ul
RT: 15.496 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Instrument :
BNA_N
ClientSampleId :
SLCS305

Tgt Ion:166 Resp: 4913

Ion	Ratio	Lower	Upper
166	100		
165	98.7	80.3	120.5
167	14.8	12.3	18.5

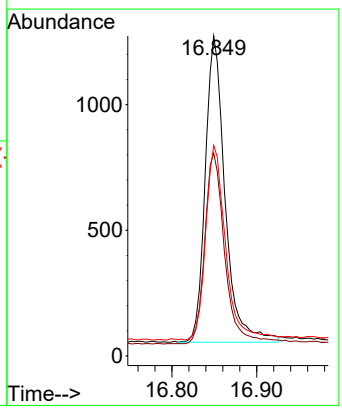


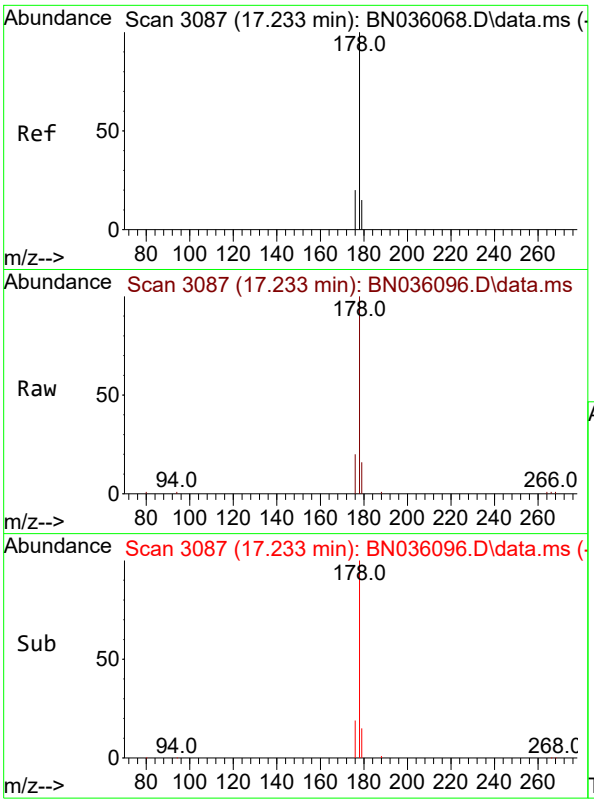


#14
Pentachlorophenol
Concen: 0.709 ng/ul
RT: 16.849 min Scan# 2996
Delta R.T. 0.009 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:266 Resp: 1978

Ion	Ratio	Lower	Upper
266	100		
264	62.3	50.6	75.8
268	63.9	50.6	75.8



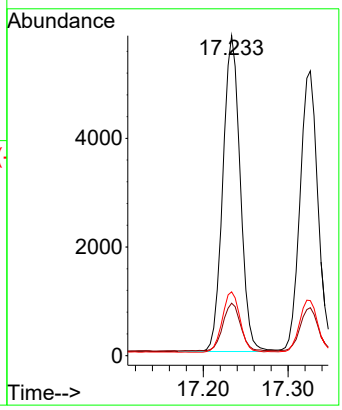


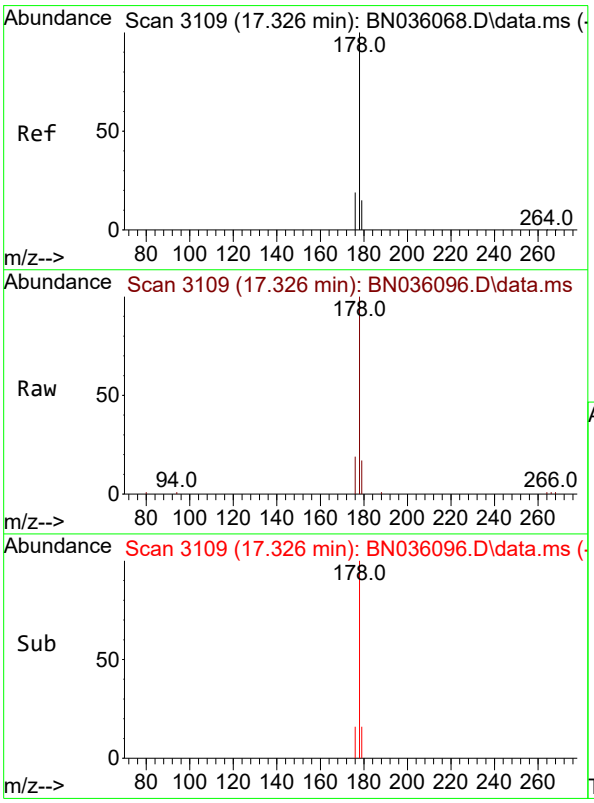
#15
Phenanthrene
Concen: 0.355 ng/ul
RT: 17.233 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Instrument :
BNA_N
ClientSampleId :
SLCS305

Tgt Ion:178 Resp: 8270

Ion	Ratio	Lower	Upper
178	100		
179	16.4	13.2	19.8
176	19.9	16.8	25.2

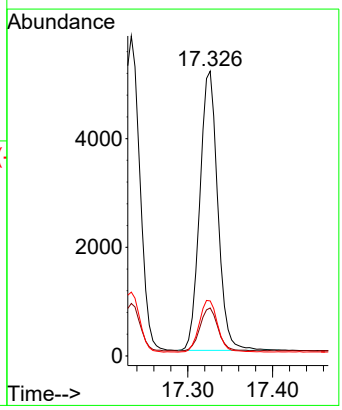


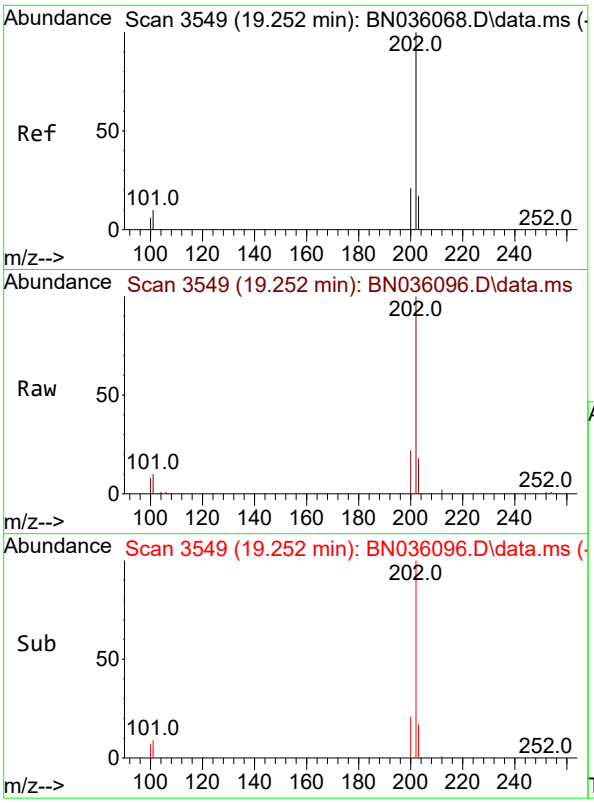


#16
Anthracene
Concen: 0.349 ng/ul
RT: 17.326 min Scan# 3109
Delta R.T. 0.004 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:178 Resp: 7570

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.0	19.4
176	19.3	15.9	23.9



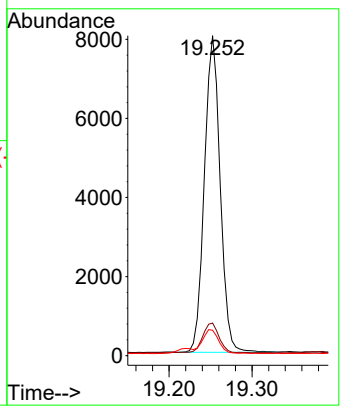


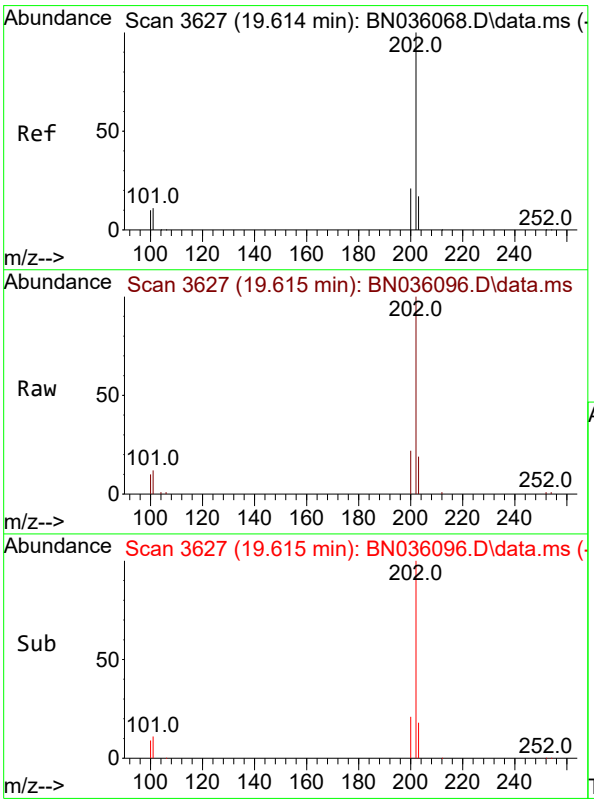
#19
Fluoranthene
Concen: 0.356 ng/ul
RT: 19.252 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Instrument :
BNA_N
ClientSampleId :
SLCS305

Tgt Ion:202 Resp: 10589

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.4	12.6
100	7.9	6.5	9.7

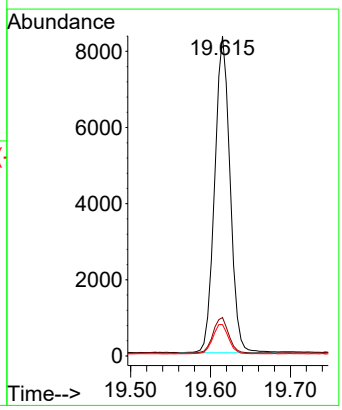


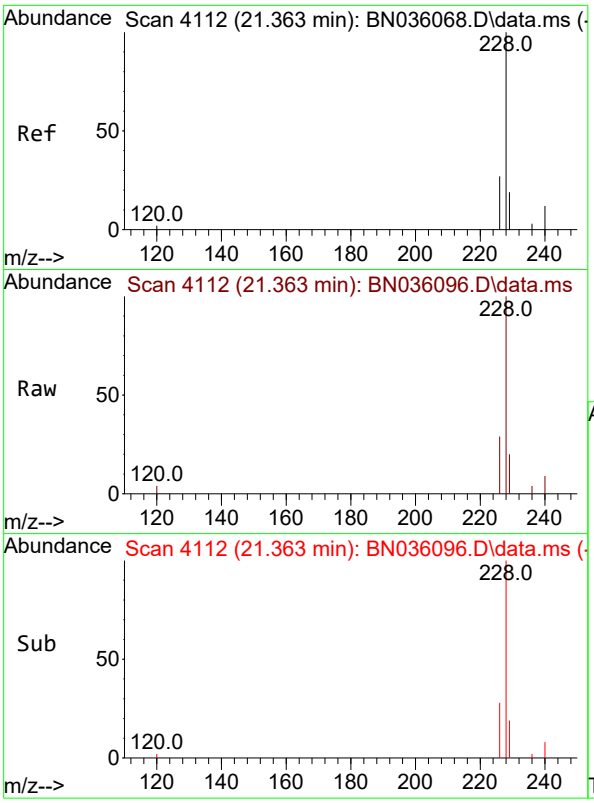


#20
Pyrene
Concen: 0.358 ng/ul
RT: 19.615 min Scan# 3627
Delta R.T. 0.005 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:202 Resp: 11118

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



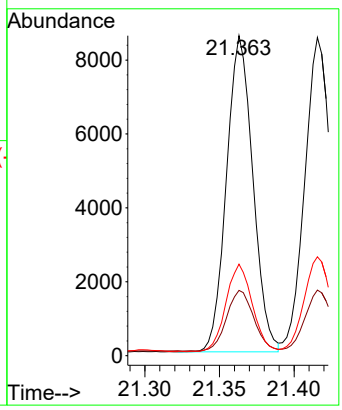


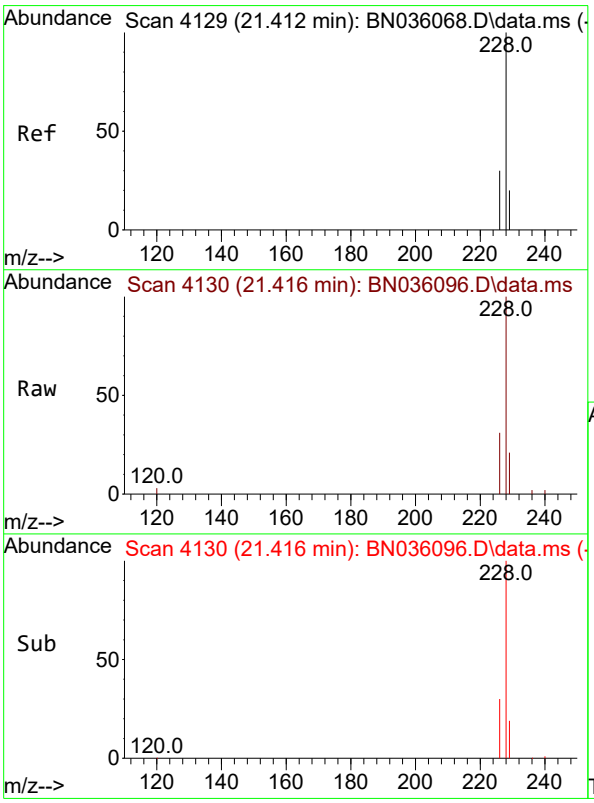
#21
Benzo(a)anthracene
Concen: 0.377 ng/ul
RT: 21.363 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Instrument :
BNA_N
ClientSampleId :
SLCS305

Tgt Ion:228 Resp: 10533

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	28.6	22.8	34.2

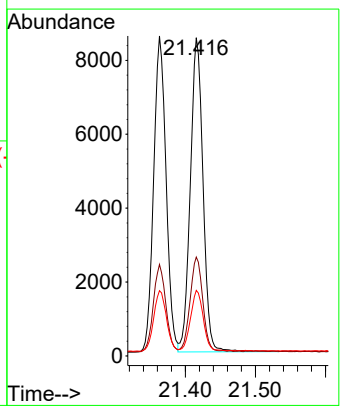


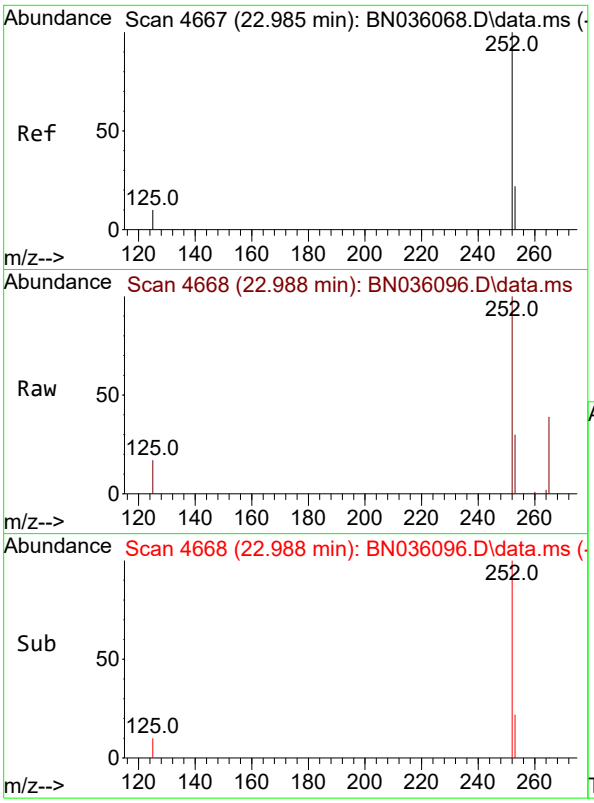


#22
Chrysene
Concen: 0.376 ng/ul
RT: 21.416 min Scan# 4130
Delta R.T. 0.009 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:228 Resp: 10727

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.4	36.6
229	20.6	15.9	23.9



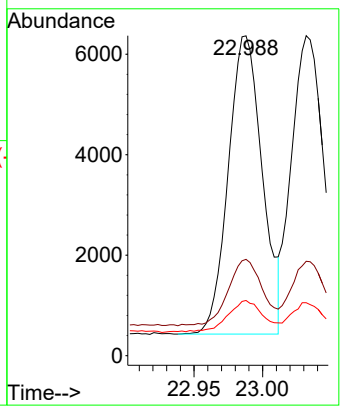


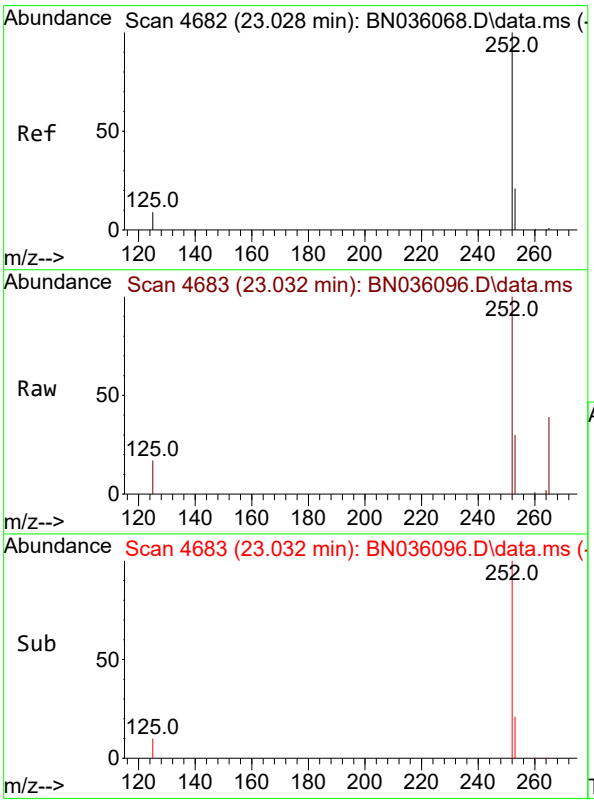
#24
Benzo(b)fluoranthene
Concen: 0.405 ng/ul
RT: 22.988 min Scan# 4
Delta R.T. 0.015 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Instrument :
BNA_N
ClientSampleId :
SLCS305

Tgt Ion:252 Resp: 10214

Ion	Ratio	Lower	Upper
252	100		
253	30.1	0.0	51.2
125	17.3	0.0	27.8

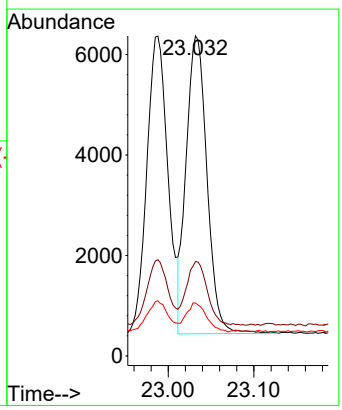


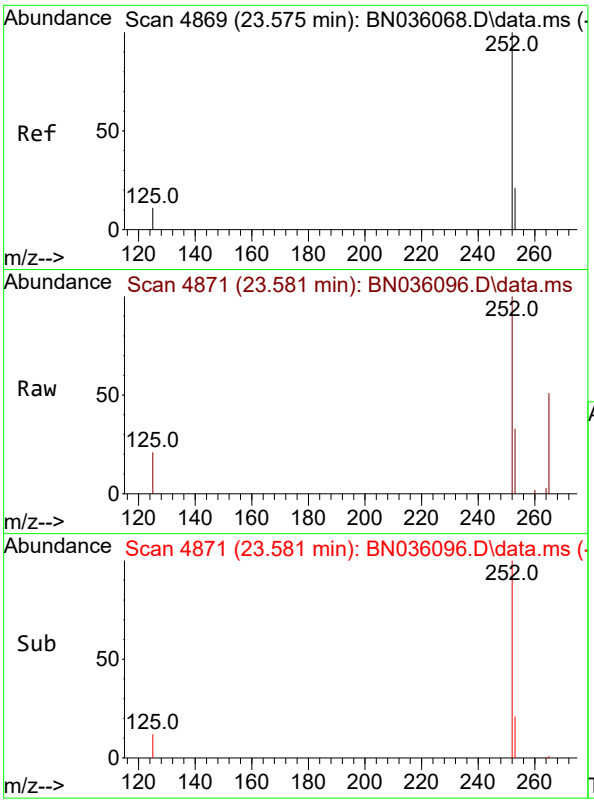


#25
Benzo(k)fluoranthene
Concen: 0.377 ng/ul
RT: 23.032 min Scan# 4683
Delta R.T. 0.012 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:252 Resp: 9997

Ion	Ratio	Lower	Upper
252	100		
253	29.5	20.2	30.4
125	16.6	10.6	16.0#



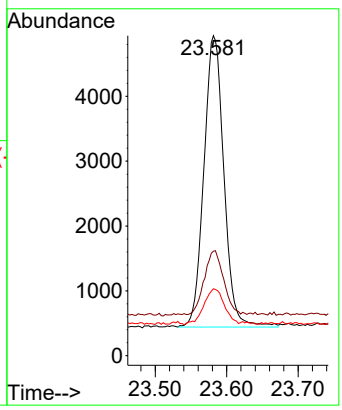


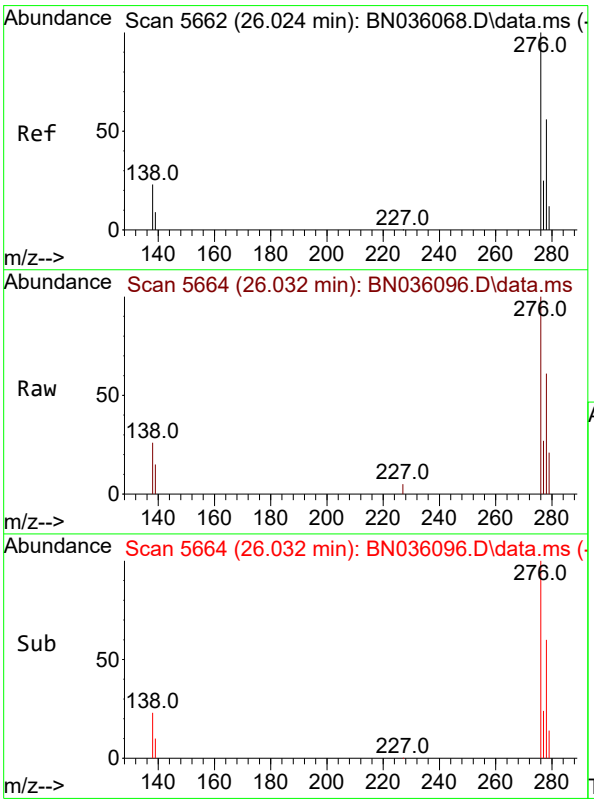
#26
Benzo(a)pyrene
Concen: 0.385 ng/ul
RT: 23.581 min Scan# 4
Delta R.T. 0.018 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Instrument :
BNA_N
ClientSampleId :
SLCS305

Tgt Ion:252 Resp: 8770

Ion	Ratio	Lower	Upper
252	100		
253	32.7	22.2	33.4
125	20.9	13.1	19.7#

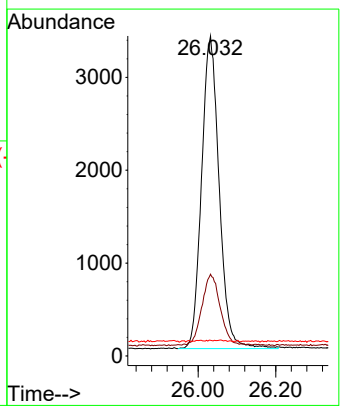


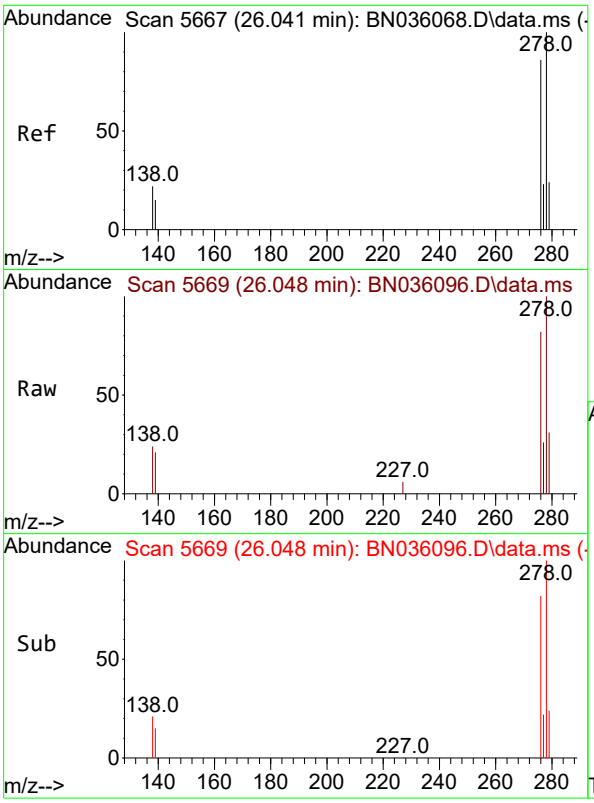


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.351 ng/ul
RT: 26.032 min Scan# 5664
Delta R.T. 0.027 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:276 Resp: 10582

Ion	Ratio	Lower	Upper
276	100		
138	22.9	20.2	30.4
227	0.1	0.1	0.1#



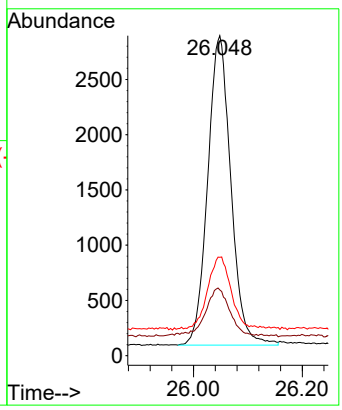


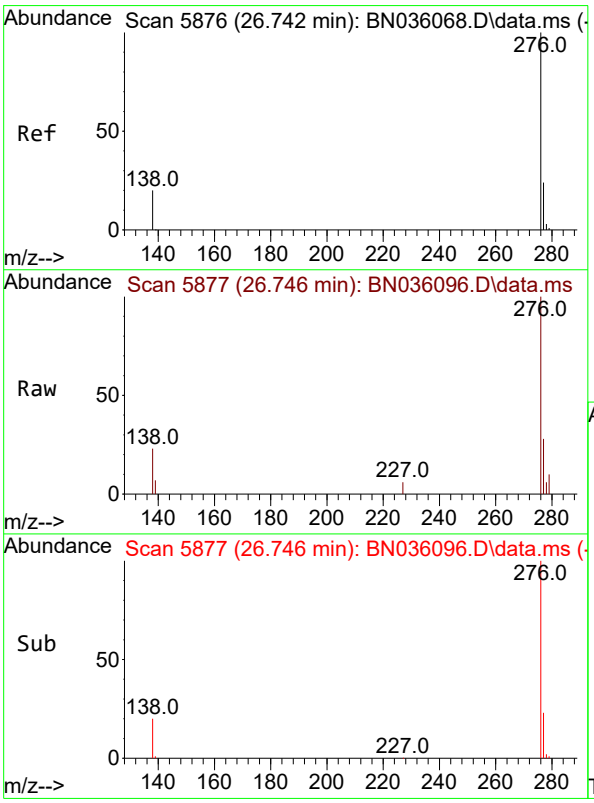
#28
Dibenzo(a,h)anthracene
Concen: 0.357 ng/ul
RT: 26.048 min Scan# 5
Delta R.T. 0.027 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Instrument :
BNA_N
ClientSampleId :
SLCS305

Tgt Ion:278 Resp: 8287

Ion	Ratio	Lower	Upper
278	100		
139	20.5	15.4	23.2
279	30.8	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 26.746 min Scan# 5877
Delta R.T. 0.027 min
Lab File: BN036096.D
Acq: 29 Jan 2025 05:18

Tgt Ion:276 Resp: 8258

Ion	Ratio	Lower	Upper
276	100		
138	23.3	19.4	29.0
277	27.6	21.1	31.7