Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112625\
Data File : BN038205.D
Acq On : 26 Nov 2025 15:42
Operator : RC/JU
Sample : SSTD0.292
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.2226

Quant Time: Nov 28 21:35:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:34:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	6382	0.400	ng/ul	0.00
4) Naphthalene-d8	10.573	136	20241	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.432	164	11255	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.192	188	20227	0.400	ng/ul	0.00
17) Chrysene-d12	21.377	240	12051	0.400	ng/ul	0.00
23) Perylene-d12	23.683	264	11767	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	1371	0.203	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.174	152	5805	0.203	ng/ul	0.00
18) Fluoranthene-d10	19.221	212	9302	0.239	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	1493	0.210	ng/ul	89
5) Naphthalene	10.623	128	11060	0.201	ng/ul	99
7) 2-Methylnaphthalene	12.245	142	7310	0.199	ng/ul	99
8) 1-Methylnaphthalene	12.465	142	7775	0.201	ng/ul	100
10) Acenaphthylene	14.155	152	10555	0.197	ng/ul	99
11) Acenaphthene	14.497	153	7899	0.201	ng/ul	99
12) Fluorene	15.492	166	8439	0.190	ng/ul	100
14) Pentachlorophenol	16.863	266	476	0.100	ng/ul	97
15) Phenanthrene	17.234	178	12545	0.192	ng/ul	99
16) Anthracene	17.323	178	10534	0.184	ng/ul	99
19) Fluoranthene	19.249	202	12673	0.236	ng/ul	97
20) Pyrene	19.611	202	12803	0.241	ng/ul	98
21) Benzo(a)anthracene	21.362	228	7890	0.183	ng/ul	98
22) Chrysene	21.412	228	10239	0.218	ng/ul	98
24) Benzo(b)fluoranthene	22.984	252	9124	0.181	ng/ul	83
25) Benzo(k)fluoranthene	23.031	252	9556	0.189	ng/ul#	82
26) Benzo(a)pyrene	23.581	252	8356	0.198	ng/ul#	78
27) Indeno(1,2,3-cd)pyrene	26.044	276	9274	0.181	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.064	278	6271	0.161	ng/ul#	80
29) Benzo(g,h,i)perylene	26.755	276	9146	0.211	ng/ul	94

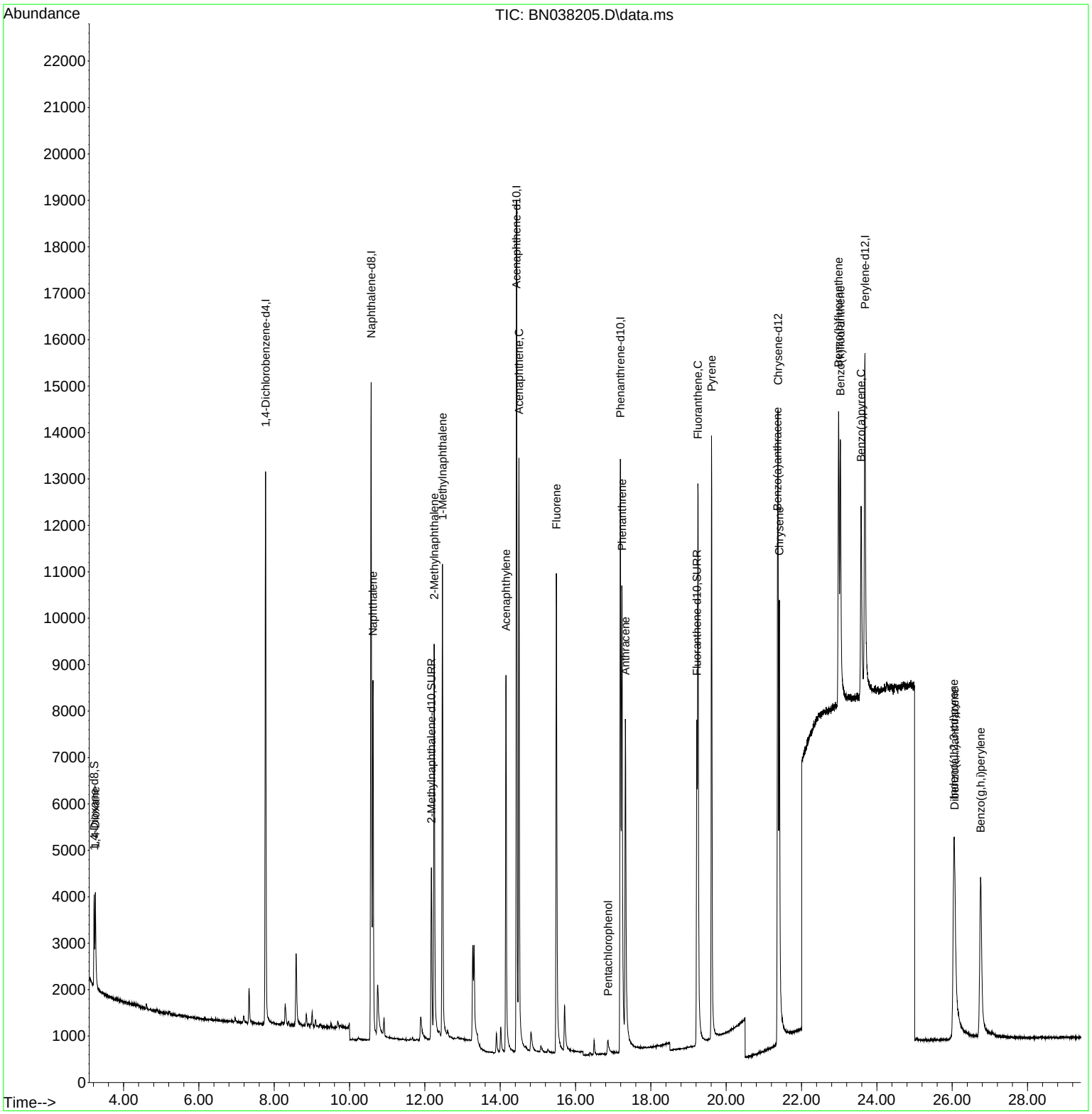
(#) = qualifier out of range (m) = manual integration (+) = signals summed

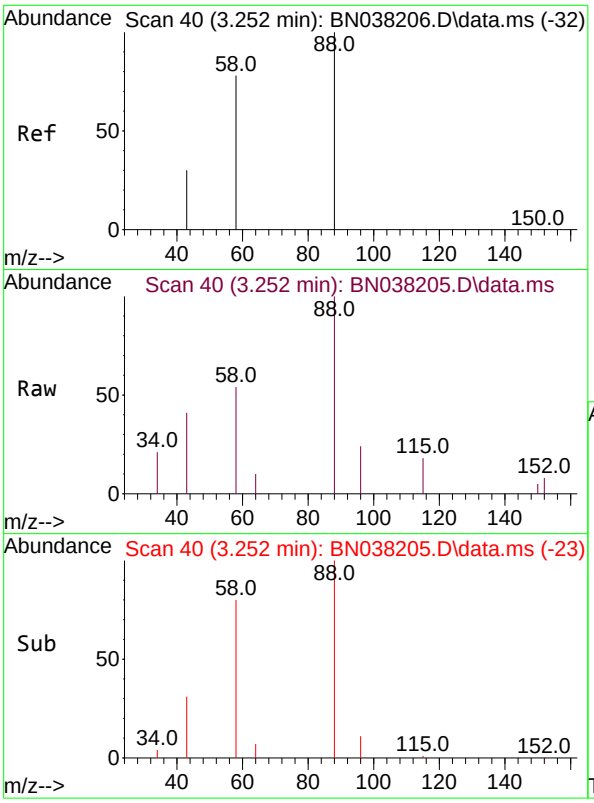
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112625\
Data File : BN038205.D
Acq On : 26 Nov 2025 15:42
Operator : RC/JU
Sample : SSTD0.292
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.2226

Quant Time: Nov 28 21:35:13 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 28 21:34:25 2025
Response via : Initial Calibration



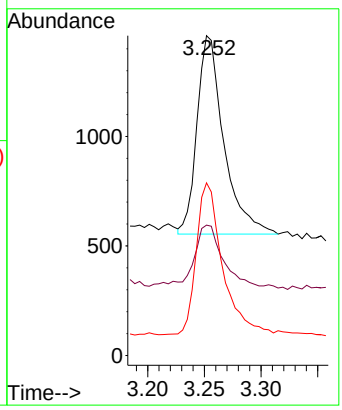


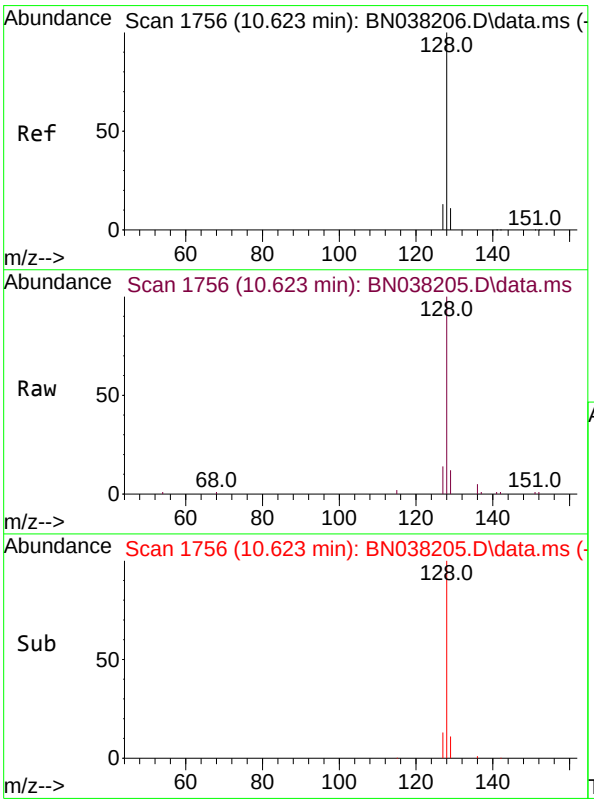
#2
1,4-Dioxane
Concen: 0.210 ng/ul
RT: 3.252 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.2226

Tgt Ion: 88 Resp: 1493

Ion	Ratio	Lower	Upper
88	100		
43	40.8	27.5	41.3
58	54.0	50.5	75.7

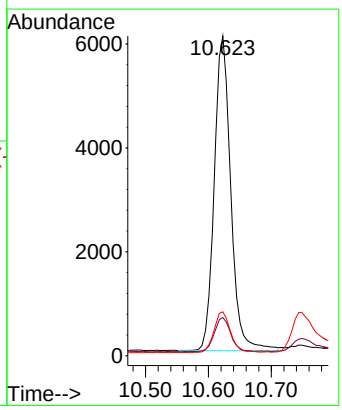


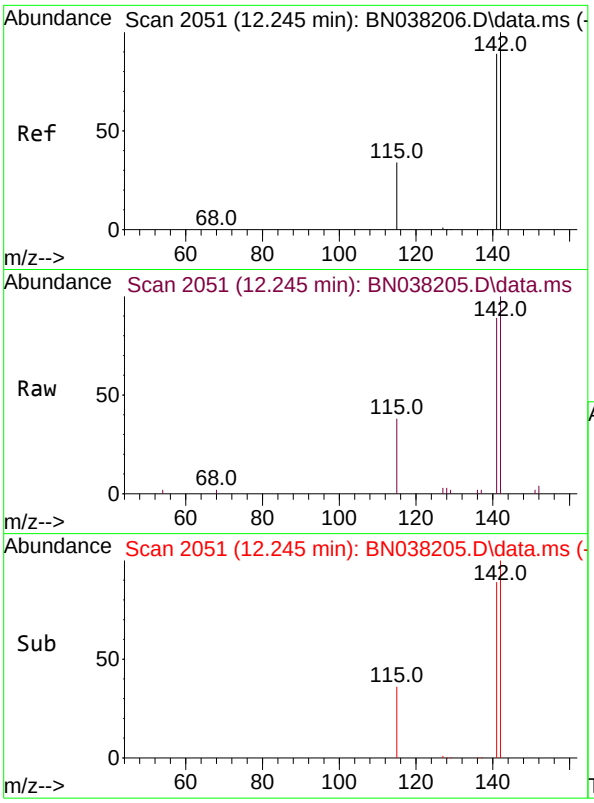


#5
Naphthalene
Concen: 0.201 ng/ul
RT: 10.623 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Tgt Ion:128 Resp: 11060

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.0	13.6
127	13.8	10.6	16.0



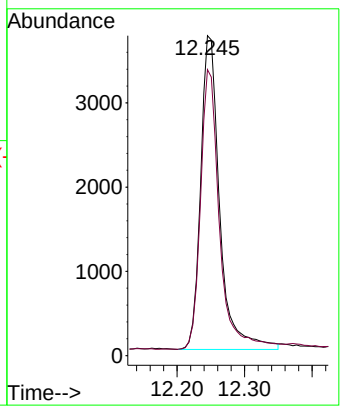


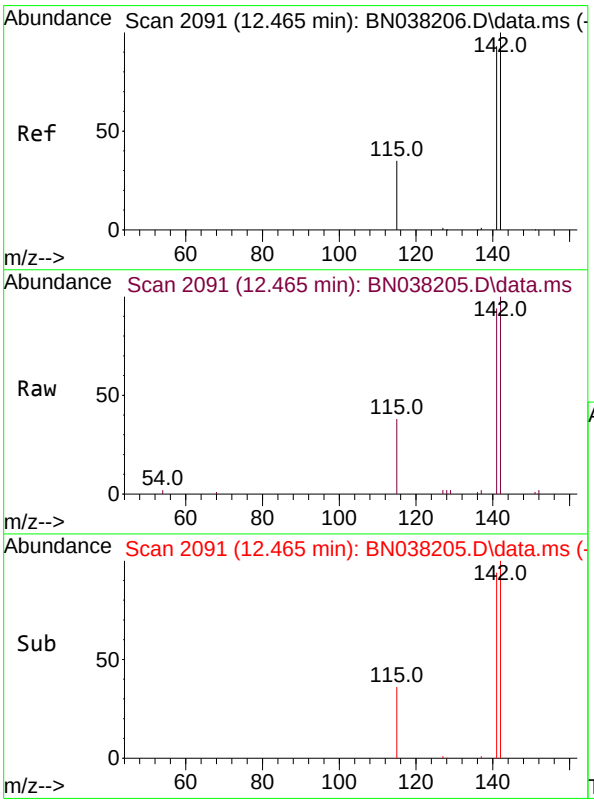
#7
2-Methylnaphthalene
Concen: 0.199 ng/ul
RT: 12.245 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.2226

Tgt Ion:142 Resp: 7310

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.7	107.5

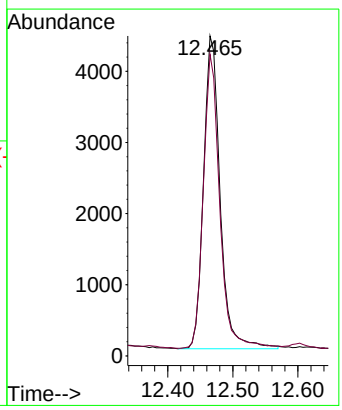


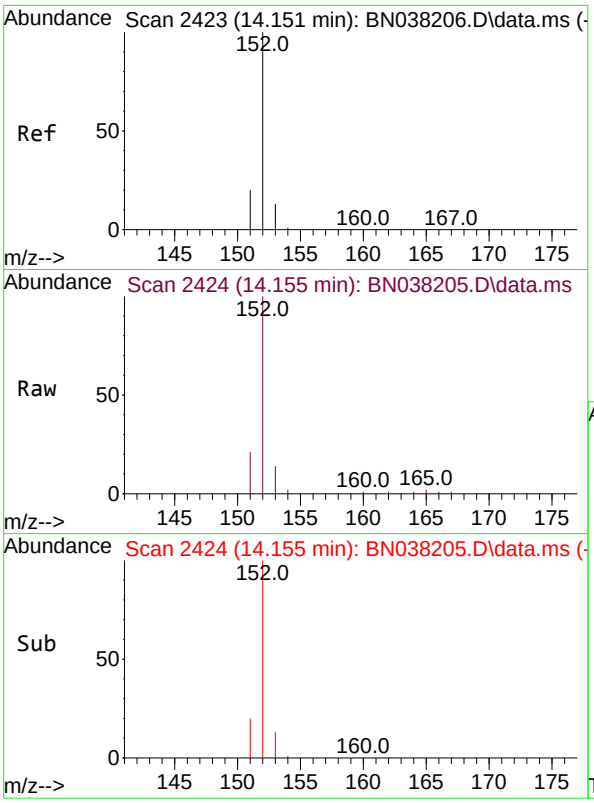


#8
1-Methylnaphthalene
Concen: 0.201 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Tgt Ion:142 Resp: 7775

Ion	Ratio	Lower	Upper
142	100		
141	92.7	74.1	111.1



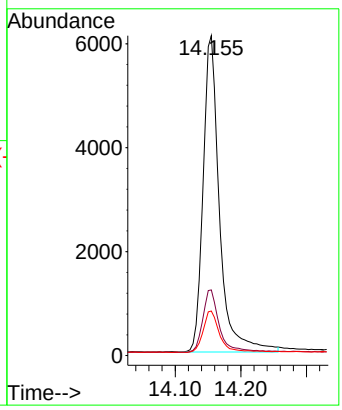


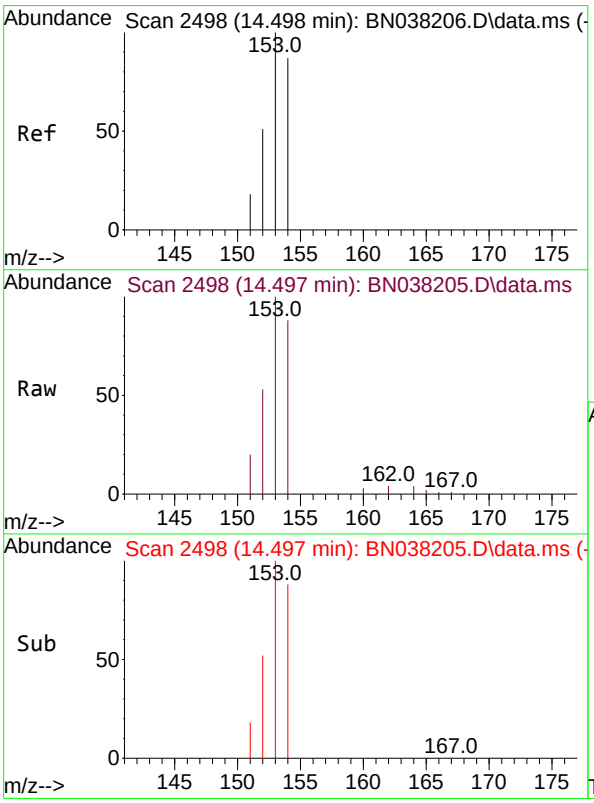
#10
Acenaphthylene
Concen: 0.197 ng/ul
RT: 14.155 min Scan# 24
Delta R.T. 0.004 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.2226

Tgt Ion:152 Resp: 10555

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.0	24.0
153	13.9	10.7	16.1

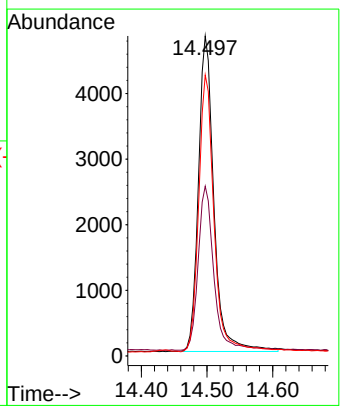


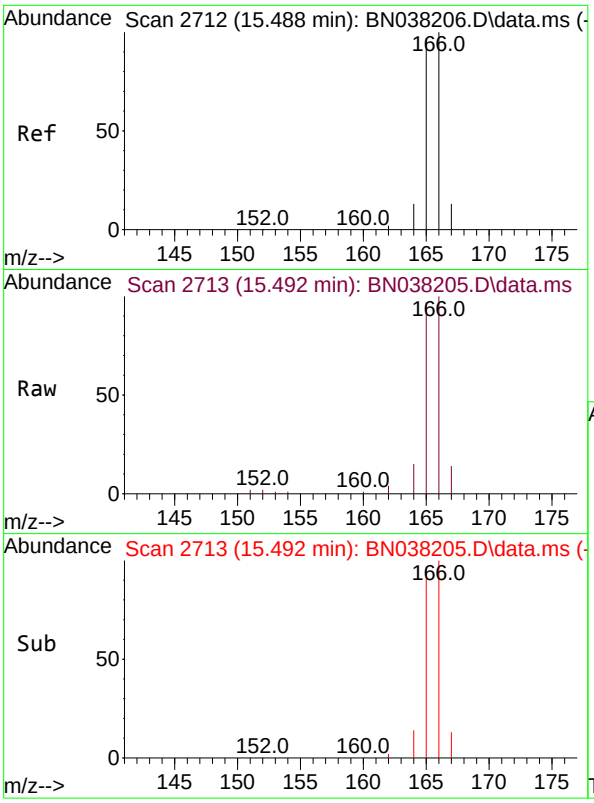


#11
Acenaphthene
Concen: 0.201 ng/ul
RT: 14.497 min Scan# 2498
Delta R.T. -0.001 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Tgt Ion:153 Resp: 7899

Ion	Ratio	Lower	Upper
153	100		
152	53.1	41.4	62.0
154	87.8	69.7	104.5



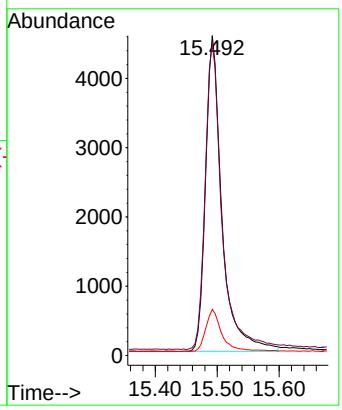


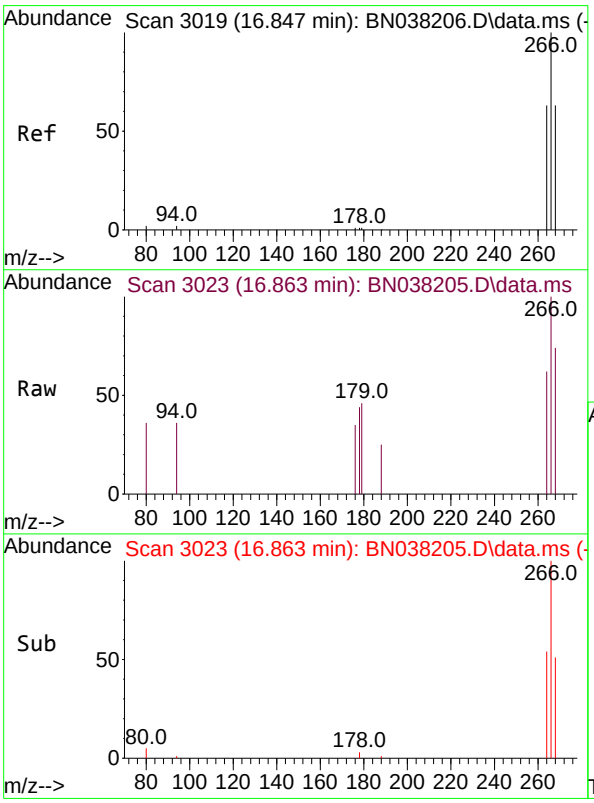
#12
Fluorene
Concen: 0.190 ng/ul
RT: 15.492 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.2226

Tgt Ion:166 Resp: 8439

Ion	Ratio	Lower	Upper
166	100		
165	97.4	78.1	117.1
167	14.4	11.0	16.4

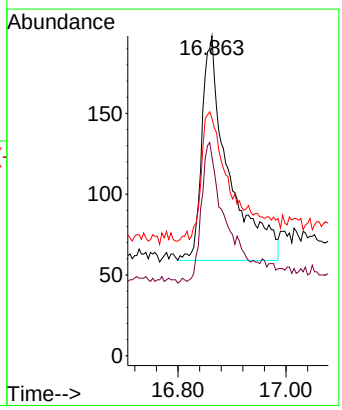


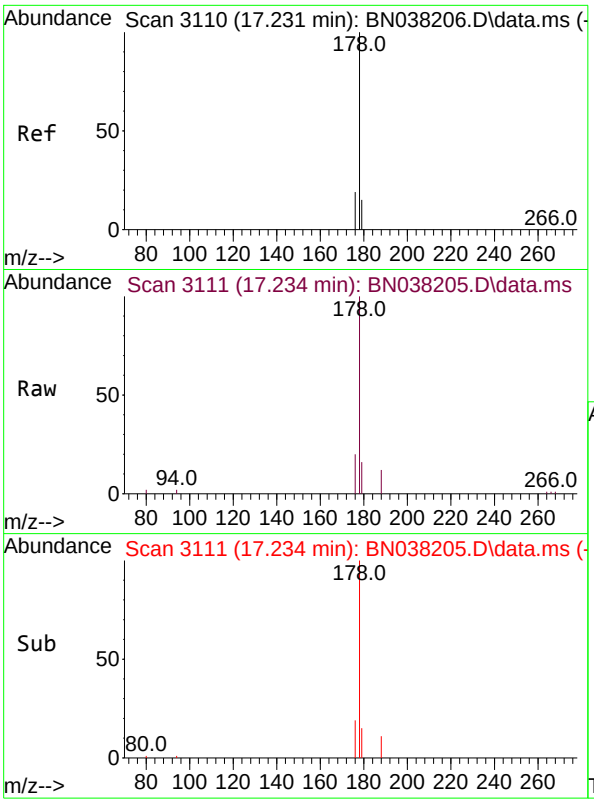


#14
Pentachlorophenol
Concen: 0.100 ng/ul
RT: 16.863 min Scan# 3023
Delta R.T. 0.016 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Tgt Ion:266 Resp: 476

Ion	Ratio	Lower	Upper
266	100		
264	61.3	49.3	73.9
268	63.4	53.7	80.5



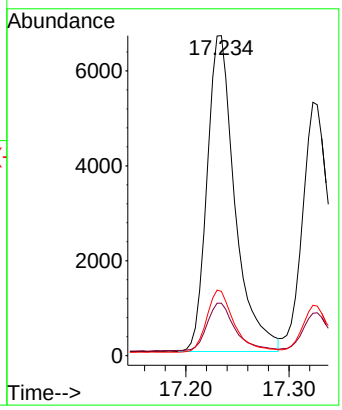


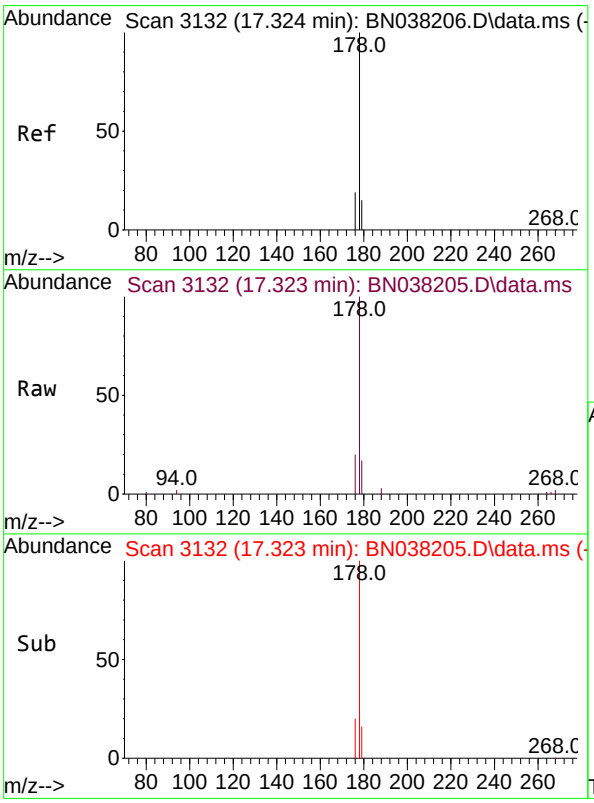
#15
Phenanthrene
Concen: 0.192 ng/ul
RT: 17.234 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.2226

Tgt Ion:178 Resp: 12545

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.4	18.6
176	20.1	15.8	23.6

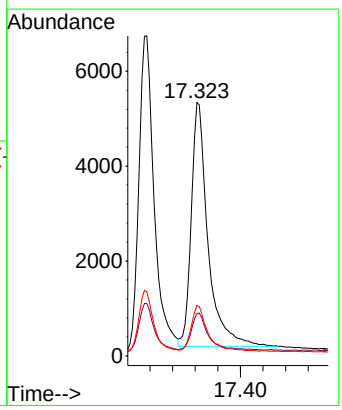


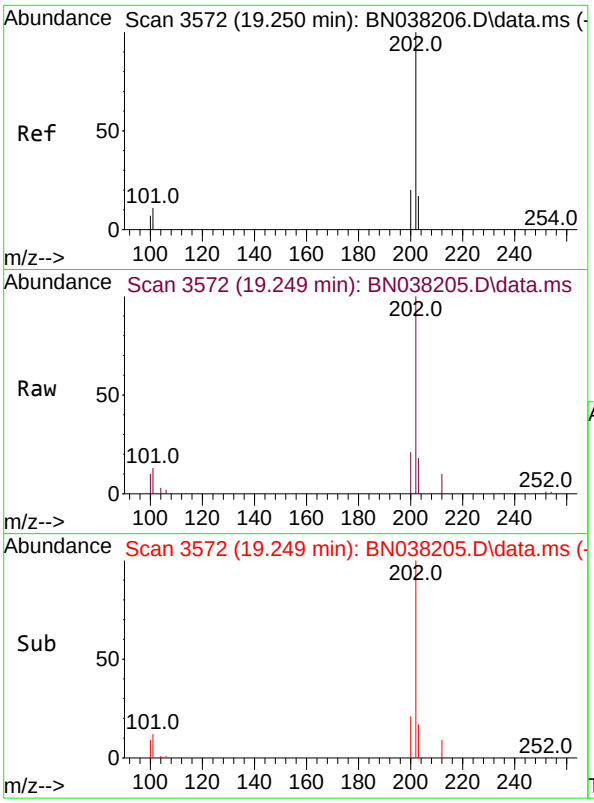


#16
Anthracene
Concen: 0.184 ng/ul
RT: 17.323 min Scan# 3132
Delta R.T. -0.001 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Tgt Ion:178 Resp: 10534

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.8	19.2
176	19.9	15.4	23.2



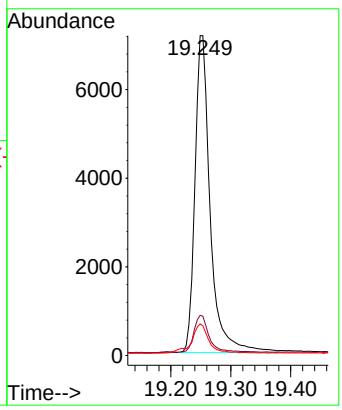


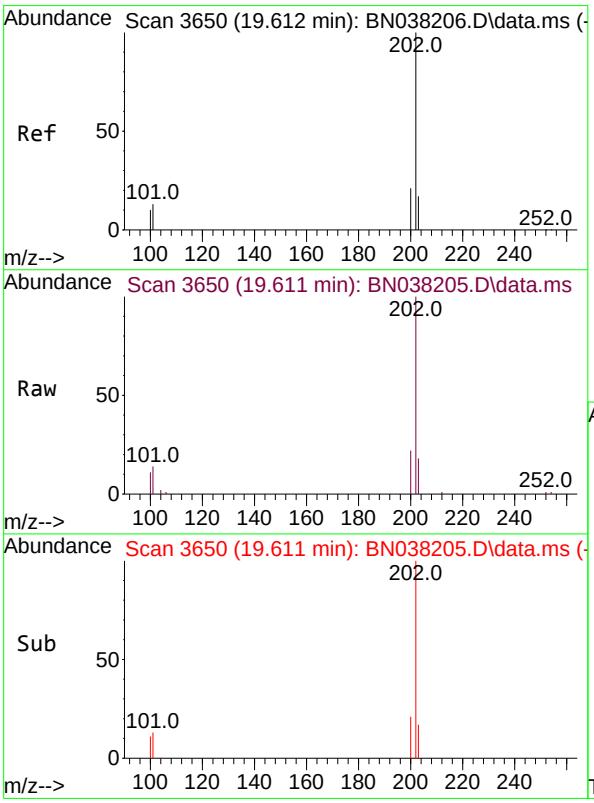
#19
Fluoranthene
Concen: 0.236 ng/ul
RT: 19.249 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.2226

Tgt Ion:202 Resp: 12673

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.3	13.9
100	9.9	7.2	10.8

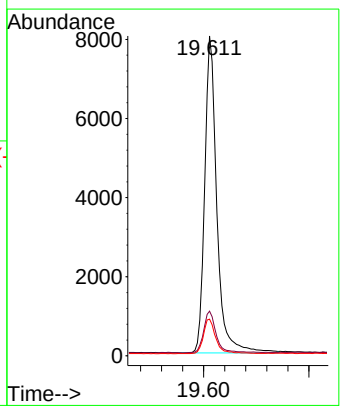


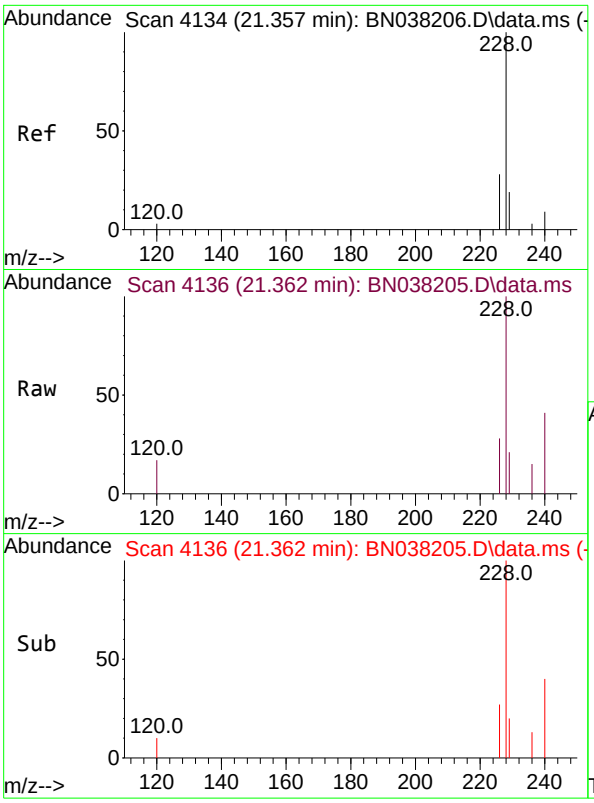


#20
Pyrene
Concen: 0.241 ng/ul
RT: 19.611 min Scan# 3650
Delta R.T. -0.001 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Tgt Ion:202 Resp: 12803

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.6	16.0
100	11.5	8.5	12.7



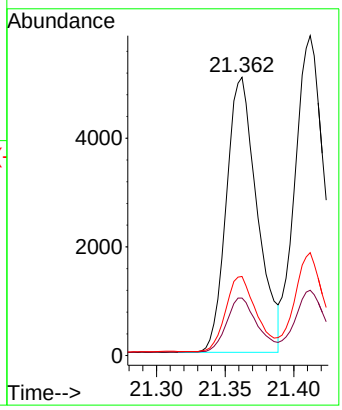


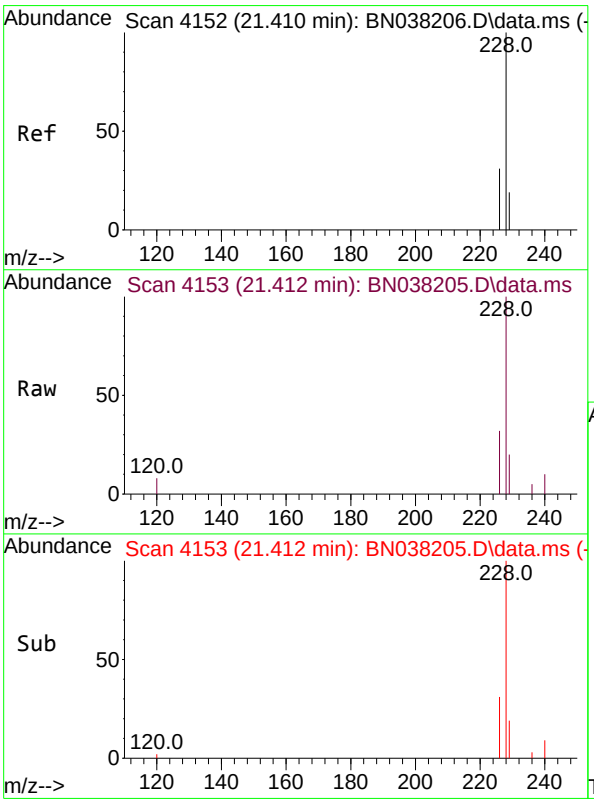
#21
Benzo(a)anthracene
Concen: 0.183 ng/ul
RT: 21.362 min Scan# 41
Delta R.T. 0.005 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.2226

Tgt Ion:228 Resp: 7890

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	28.5	22.4	33.6

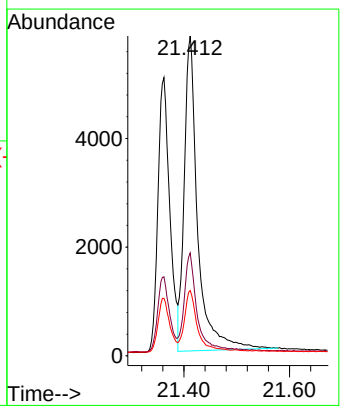


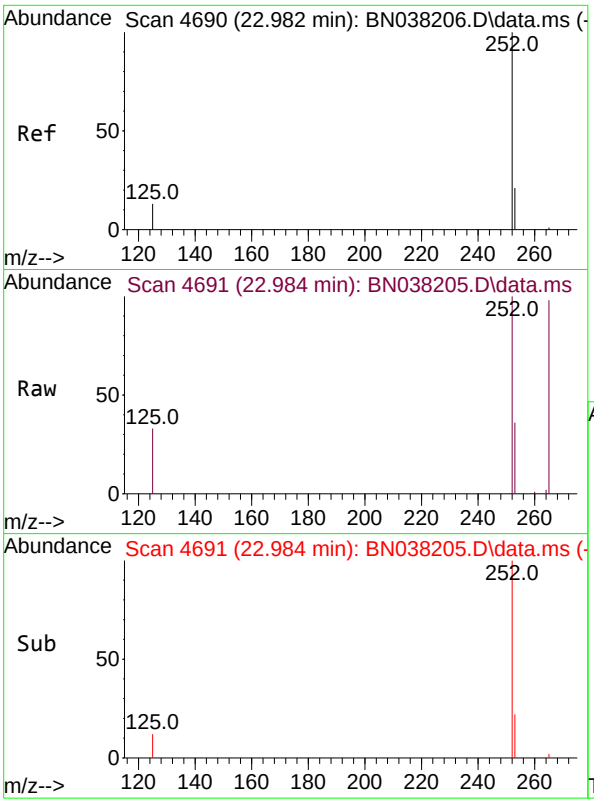


#22
Chrysene
Concen: 0.218 ng/ul
RT: 21.412 min Scan# 4153
Delta R.T. 0.002 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Tgt Ion:228 Resp: 10239

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.0	37.4
229	20.4	15.4	23.0



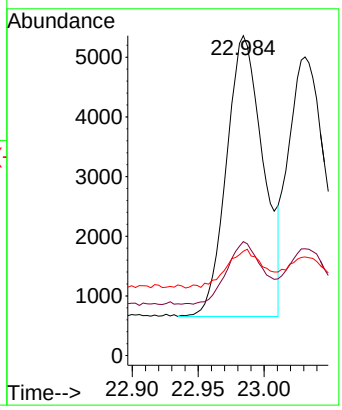


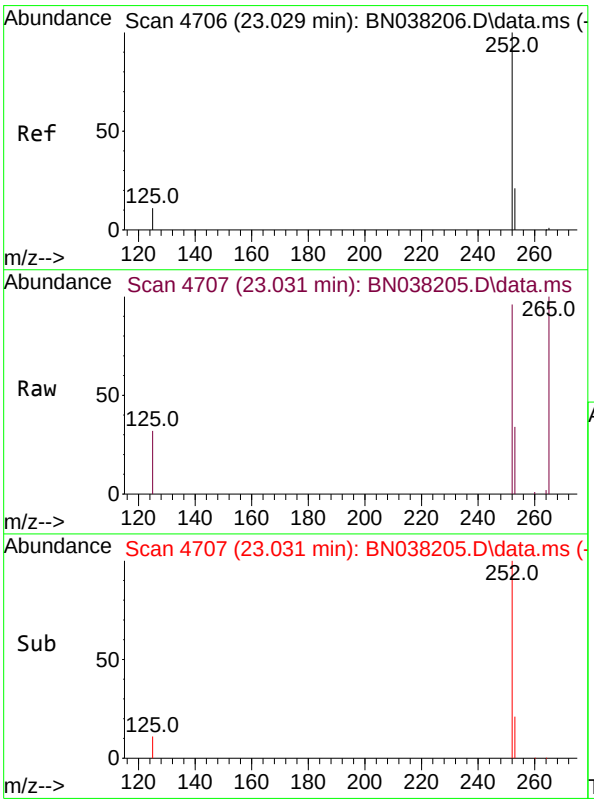
#24
Benzo(b)fluoranthene
Concen: 0.181 ng/ul
RT: 22.984 min Scan# 4
Delta R.T. 0.002 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.2226

Tgt Ion:252 Resp: 9124

Ion	Ratio	Lower	Upper
252	100		
253	35.6	0.0	55.8
125	32.6	0.0	45.6

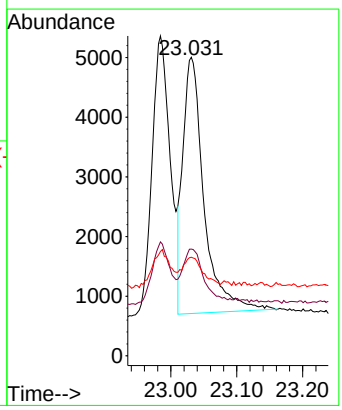


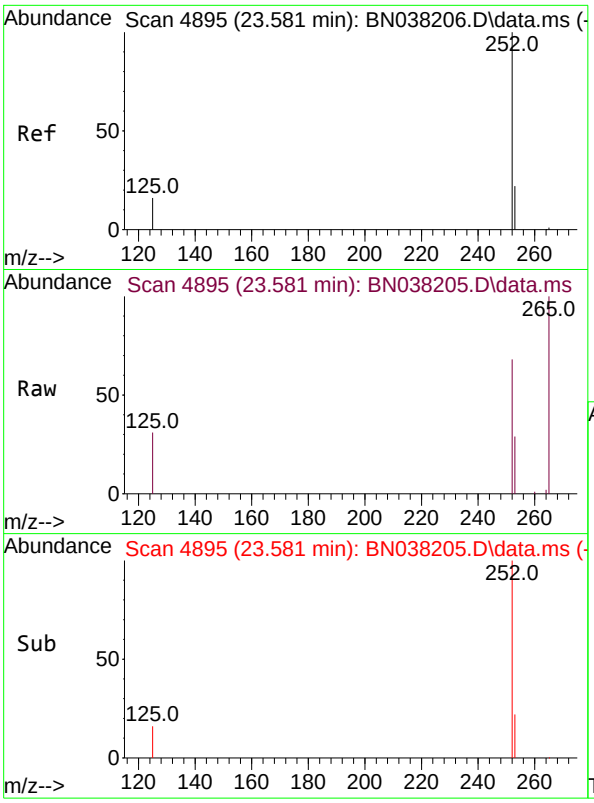


#25
Benzo(k)fluoranthene
Concen: 0.189 ng/ul
RT: 23.031 min Scan# 4707
Delta R.T. 0.002 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Tgt Ion:252 Resp: 9556

Ion	Ratio	Lower	Upper
252	100		
253	35.8	22.9	34.3#
125	33.0	17.7	26.5#



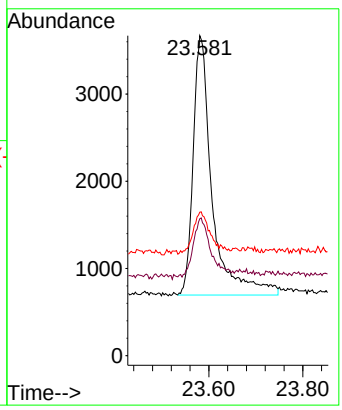


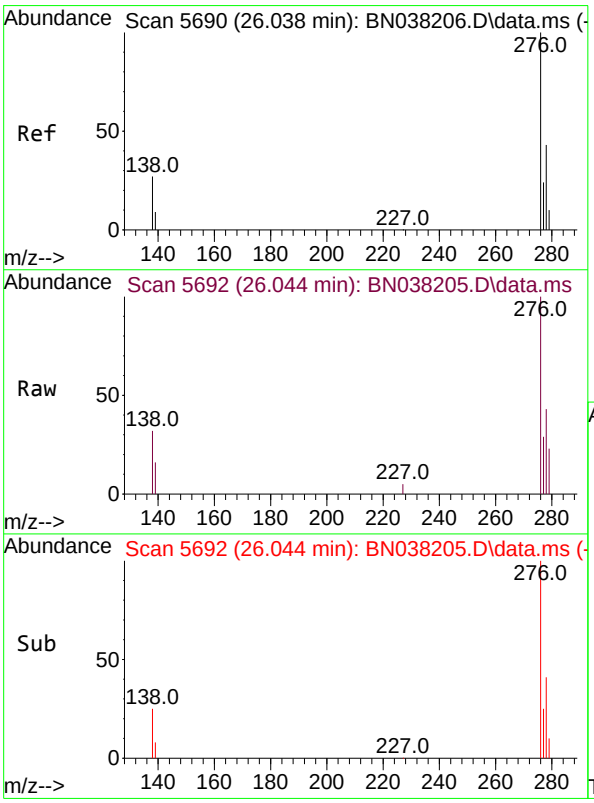
#26
Benzo(a)pyrene
Concen: 0.198 ng/ul
RT: 23.581 min Scan# 48
Delta R.T. -0.001 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.2226

Tgt Ion:252 Resp: 8356

Ion	Ratio	Lower	Upper
252	100		
253	42.8	25.9	38.9#
125	44.8	24.6	37.0#

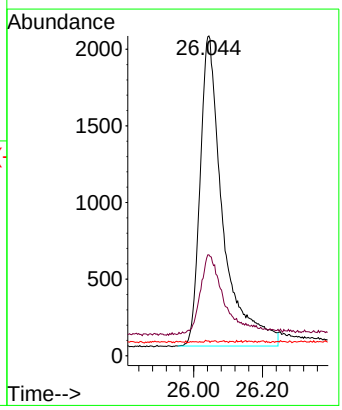


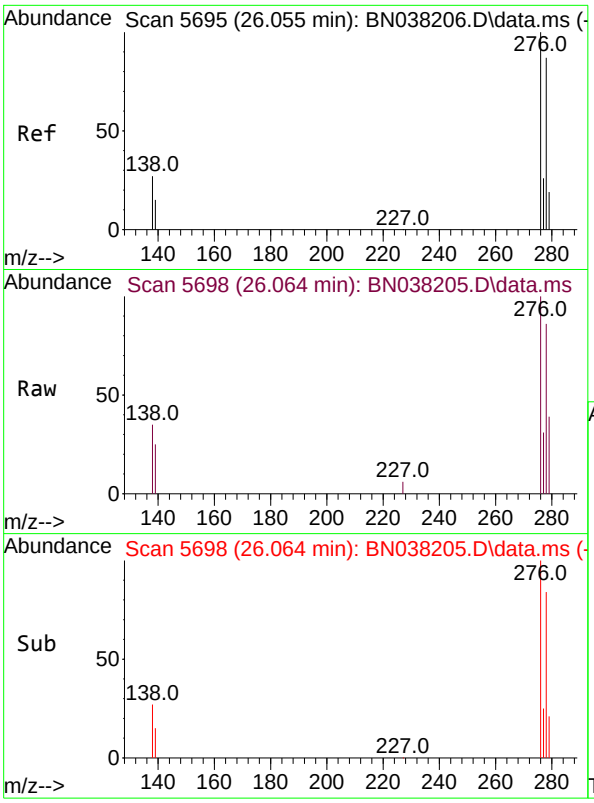


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.181 ng/ul
RT: 26.044 min Scan# 5692
Delta R.T. 0.006 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Tgt Ion:276 Resp: 9274

Ion	Ratio	Lower	Upper
276	100		
138	26.1	22.9	34.3
227	0.1	0.0	0.0#



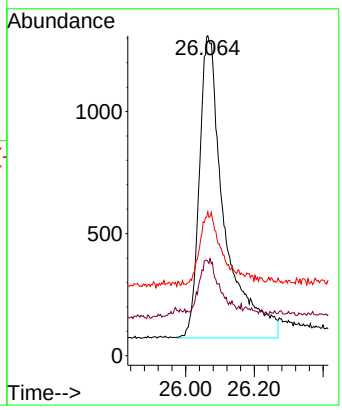


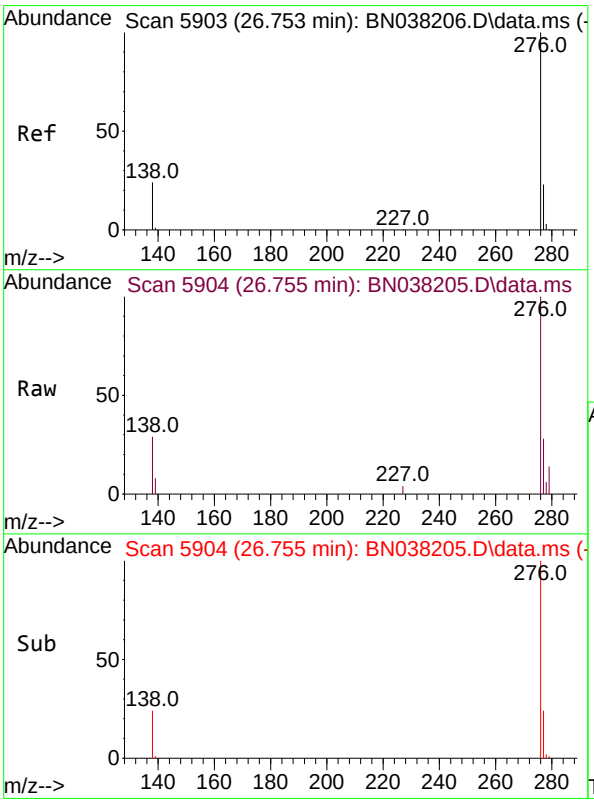
#28
Dibenzo(a,h)anthracene
Concen: 0.161 ng/ul
RT: 26.064 min Scan# 5
Delta R.T. 0.009 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Instrument :
BNA_N
ClientSampleId :
SSTD0.2226

Tgt Ion:278 Resp: 6271

Ion	Ratio	Lower	Upper
278	100		
139	29.4	18.1	27.1#
279	44.9	25.0	37.4#





#29
Benzo(g,h,i)perylene
Concen: 0.211 ng/ul
RT: 26.755 min Scan# 5904
Delta R.T. 0.003 min
Lab File: BN038205.D
Acq: 26 Nov 2025 15:42

Tgt Ion:276 Resp: 9146

Ion	Ratio	Lower	Upper
276	100		
138	29.5	21.6	32.4
277	28.3	19.8	29.6