Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112625\
Data File : BN038207.D
Acq On : 26 Nov 2025 16:54
Operator : RC/JU
Sample : SSTD0.894
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.8228

Quant Time: Nov 28 21:35:38 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	7153	0.400	ng/ul	0.00
4) Naphthalene-d8	10.573	136	22968	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.432	164	12954	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.188	188	22844	0.400	ng/ul	0.00
17) Chrysene-d12	21.374	240	13303	0.400	ng/ul	0.00
23) Perylene-d12	23.686	264	12157	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.218	96	6120	0.809	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.173	152	26199	0.808	ng/ul	0.00
18) Fluoranthene-d10	19.216	212	40948	0.954	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.252	88	6425	0.805	ng/ul	96
5) Naphthalene	10.623	128	49729	0.796	ng/ul	100
7) 2-Methylnaphthalene	12.245	142	33708	0.809	ng/ul	100
8) 1-Methylnaphthalene	12.465	142	35769	0.814	ng/ul	100
10) Acenaphthylene	14.150	152	48730	0.792	ng/ul	100
11) Acenaphthene	14.497	153	36011	0.797	ng/ul	100
12) Fluorene	15.487	166	39470	0.774	ng/ul	99
14) Pentachlorophenol	16.846	266	2867	0.536	ng/ul	98
15) Phenanthrene	17.226	178	57715	0.783	ng/ul	100
16) Anthracene	17.319	178	49919	0.772	ng/ul	99
19) Fluoranthene	19.249	202	56852	0.959	ng/ul	99
20) Pyrene	19.611	202	55513	0.947	ng/ul	100
21) Benzo(a)anthracene	21.359	228	35974	0.756	ng/ul	100
22) Chrysene	21.412	228	42926	0.828	ng/ul	99
24) Benzo(b)fluoranthene	22.984	252	38729	0.744	ng/ul	91
25) Benzo(k)fluoranthene	23.028	252	40812	0.783	ng/ul#	91
26) Benzo(a)pyrene	23.581	252	34561	0.792	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	26.037	276	43088	0.816	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.058	278	31278	0.779	ng/ul	93
29) Benzo(g,h,i)perylene	26.752	276	39177	0.877	ng/ul	98

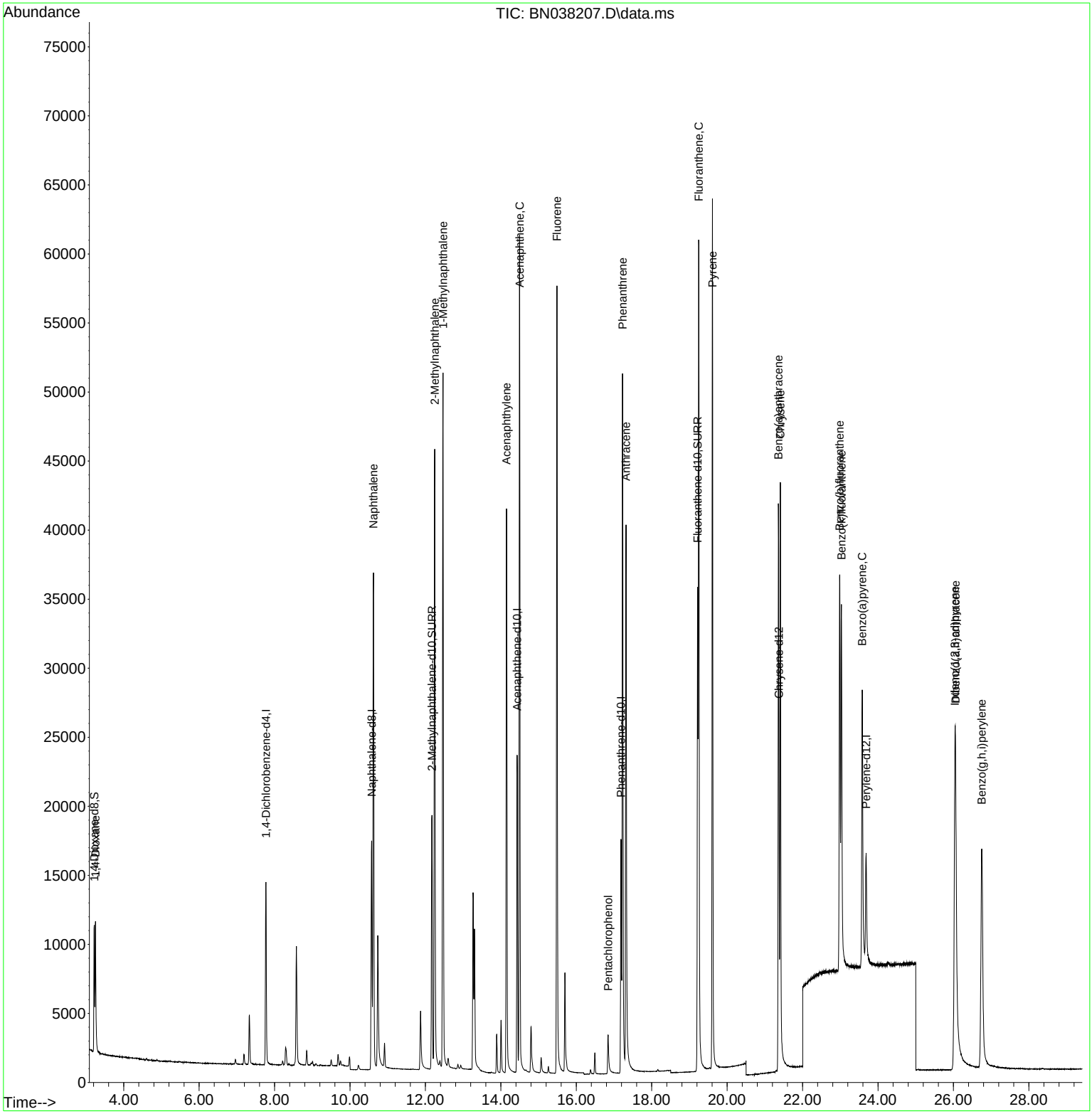
(#) = qualifier out of range (m) = manual integration (+) = signals summed

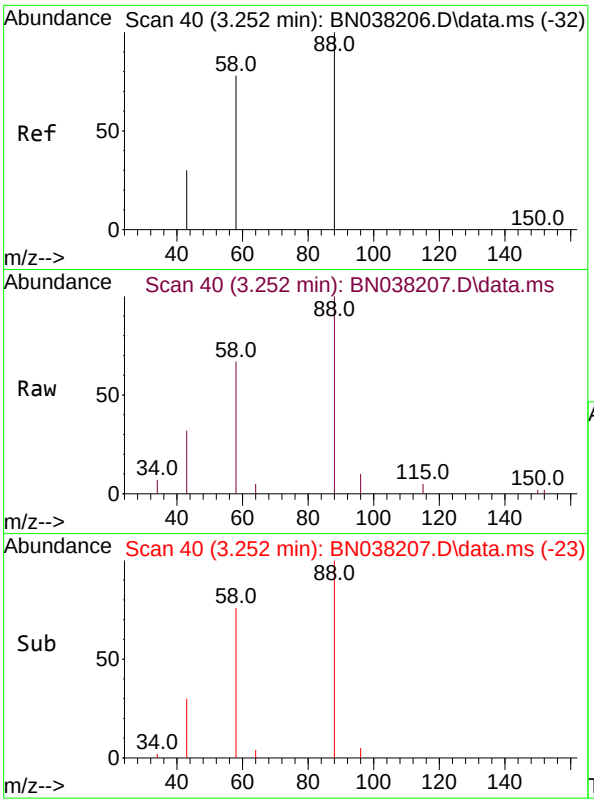
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112625\
Data File : BN038207.D
Acq On : 26 Nov 2025 16:54
Operator : RC/JU
Sample : SSTD0.894
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.8228

Quant Time: Nov 28 21:35:38 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



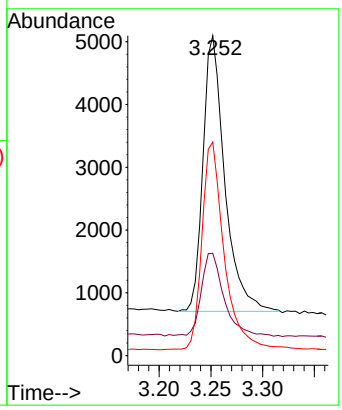


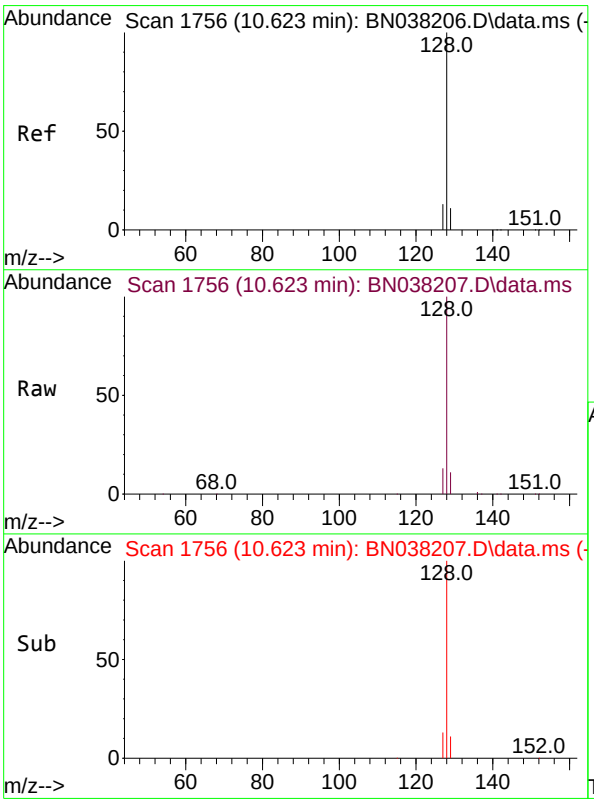
#2
1,4-Dioxane
Concen: 0.805 ng/ul
RT: 3.252 min Scan# 40
Delta R.T. 0.000 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.8228

Tgt Ion: 88 Resp: 6425

Ion	Ratio	Lower	Upper
88	100		
43	32.0	27.5	41.3
58	66.7	50.5	75.7

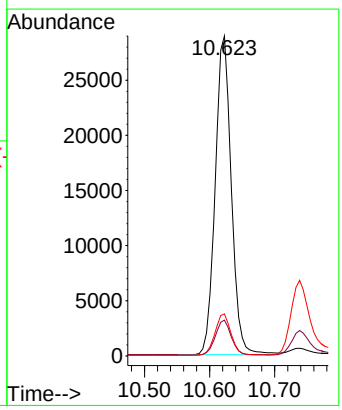


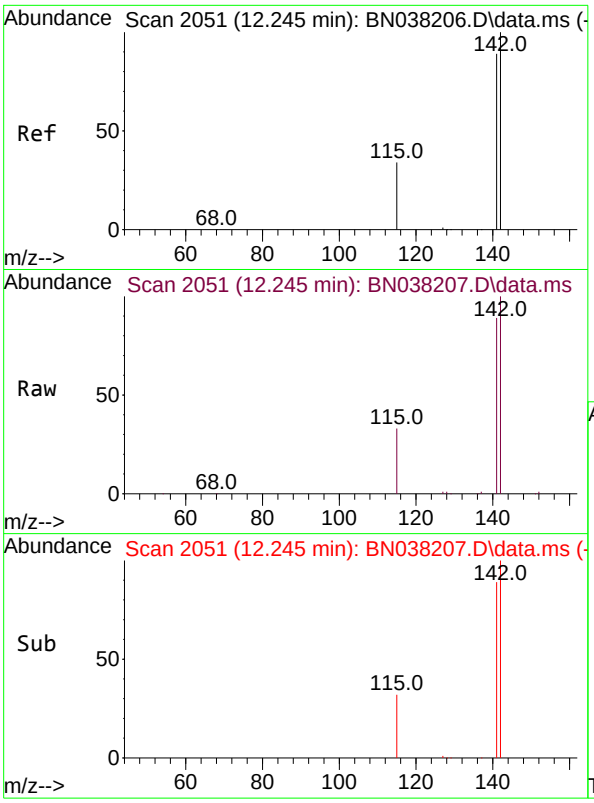


#5
Naphthalene
Concen: 0.796 ng/ul
RT: 10.623 min Scan# 1756
Delta R.T. 0.000 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Tgt Ion:128 Resp: 49729

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.1	10.6	16.0



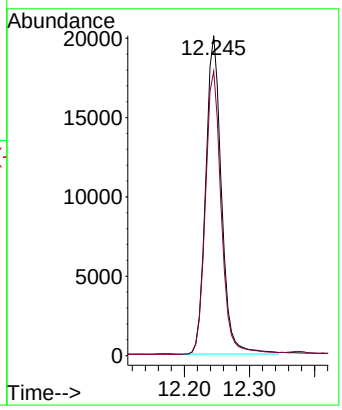


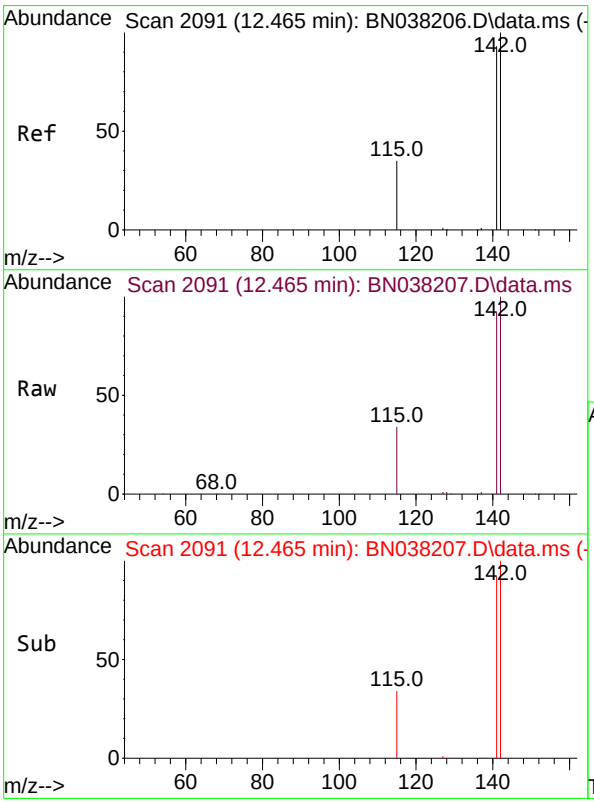
#7
2-Methylnaphthalene
Concen: 0.809 ng/ul
RT: 12.245 min Scan# 20
Delta R.T. 0.000 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.8228

Tgt Ion:142 Resp: 33708

Ion	Ratio	Lower	Upper
142	100		
141	89.8	71.7	107.5

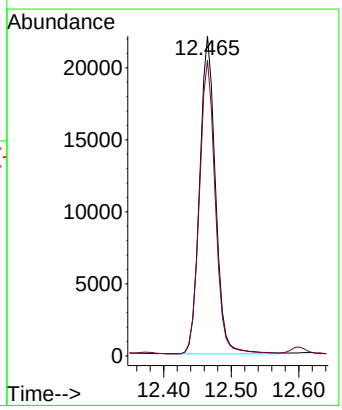


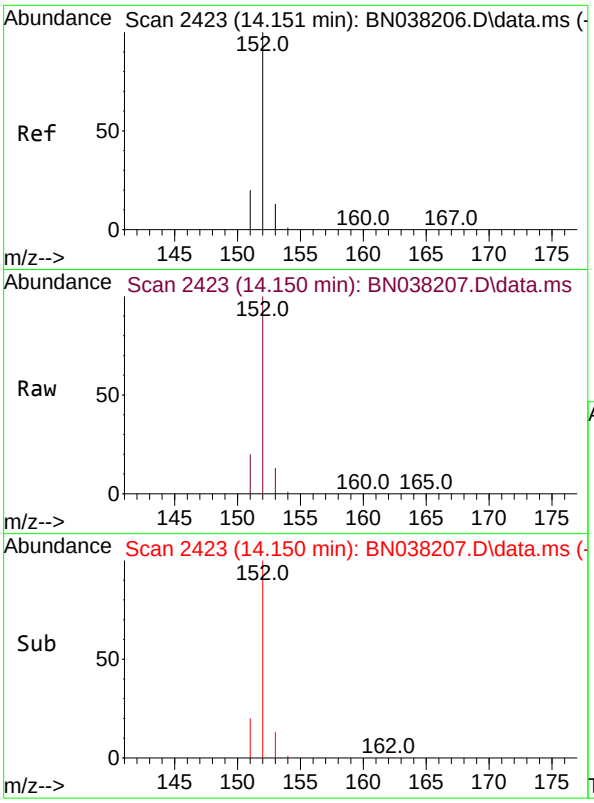


#8
1-Methylnaphthalene
Concen: 0.814 ng/ul
RT: 12.465 min Scan# 2091
Delta R.T. 0.000 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Tgt Ion:142 Resp: 35769

Ion	Ratio	Lower	Upper
142	100		
141	92.8	74.1	111.1



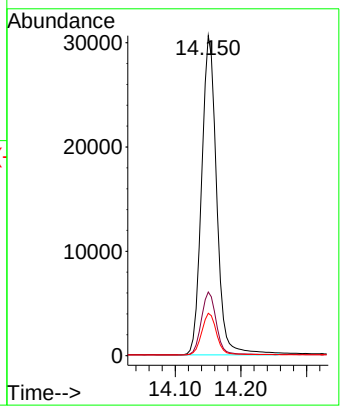


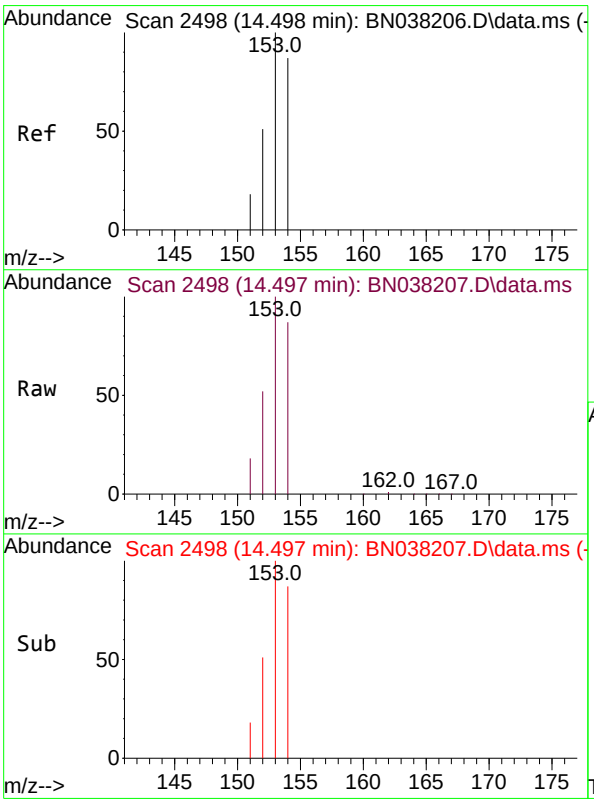
#10
Acenaphthylene
Concen: 0.792 ng/ul
RT: 14.150 min Scan# 24
Delta R.T. -0.001 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.8228

Tgt Ion:152 Resp: 48730

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.0	24.0
153	13.2	10.7	16.1

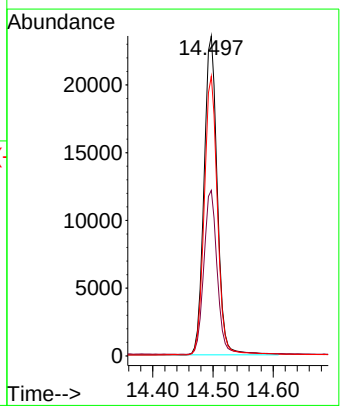


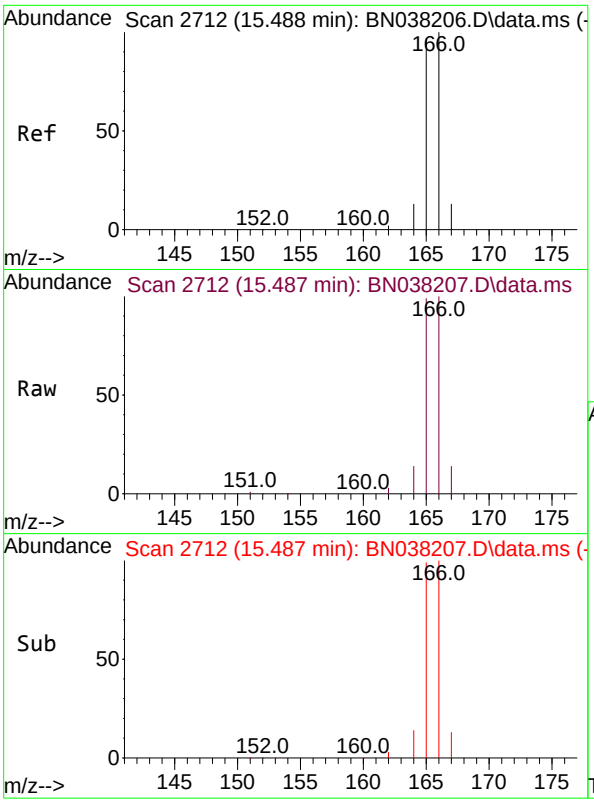


#11
Acenaphthene
Concen: 0.797 ng/ul
RT: 14.497 min Scan# 2498
Delta R.T. -0.001 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Tgt Ion:153 Resp: 36011

Ion	Ratio	Lower	Upper
153	100		
152	51.7	41.4	62.0
154	87.4	69.7	104.5





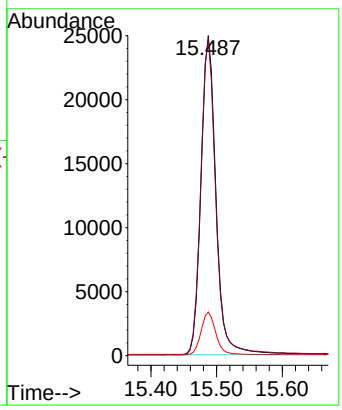
#12
Fluorene
Concen: 0.774 ng/ul
RT: 15.487 min Scan# 2

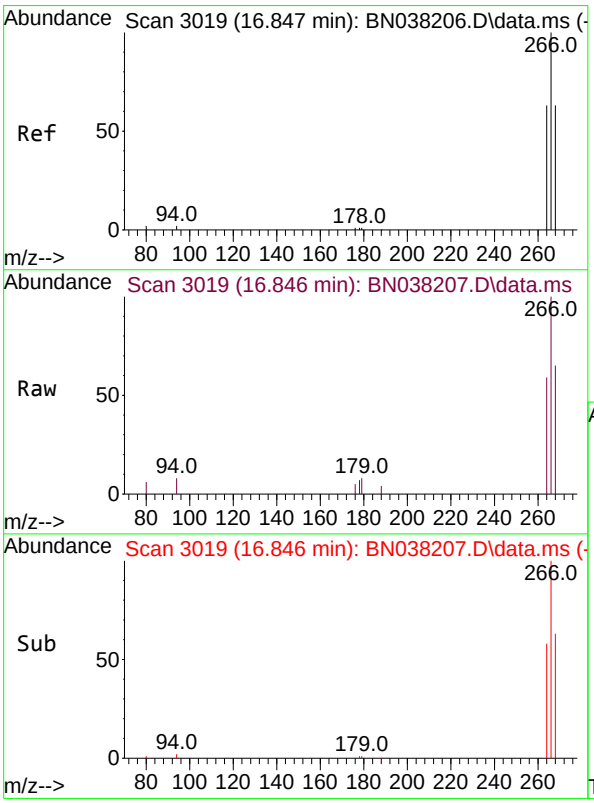
Instrument :
BNA_N
ClientSampleId :
SSTD0.8228

Delta R.T. -0.001 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Tgt Ion:166 Resp: 39470

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.1	117.1
167	13.6	11.0	16.4

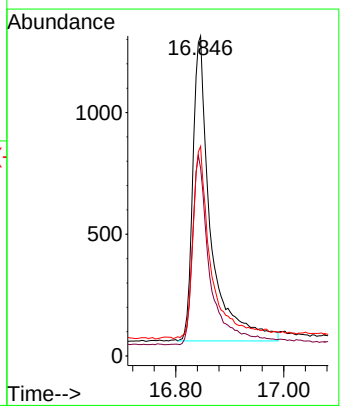


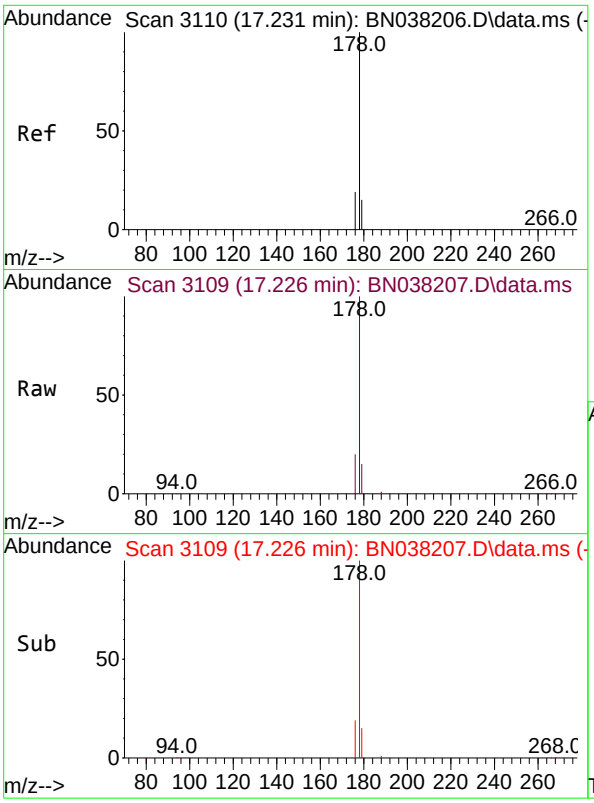


#14
Pentachlorophenol
Concen: 0.536 ng/ul
RT: 16.846 min Scan# 3019
Delta R.T. -0.001 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Tgt Ion:266 Resp: 2867

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.3	73.9
268	65.2	53.7	80.5





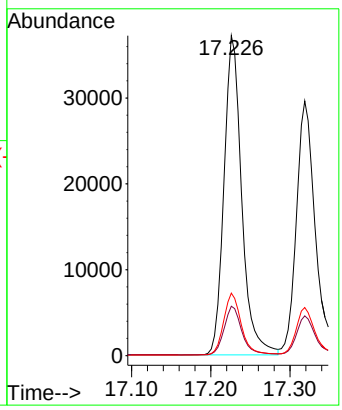
#15
Phenanthrene
Concen: 0.783 ng/ul
RT: 17.226 min Scan# 3

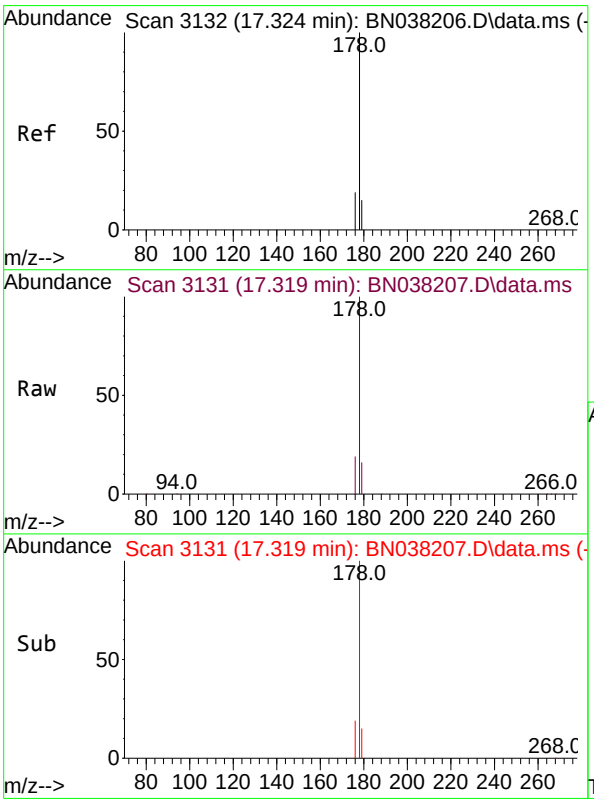
Instrument :
BNA_N
ClientSampleId :
SSTD0.8228

Delta R.T. -0.005 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Tgt Ion:178 Resp: 57715

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.4	18.6
176	19.5	15.8	23.6

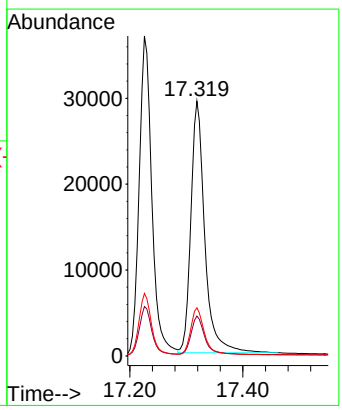


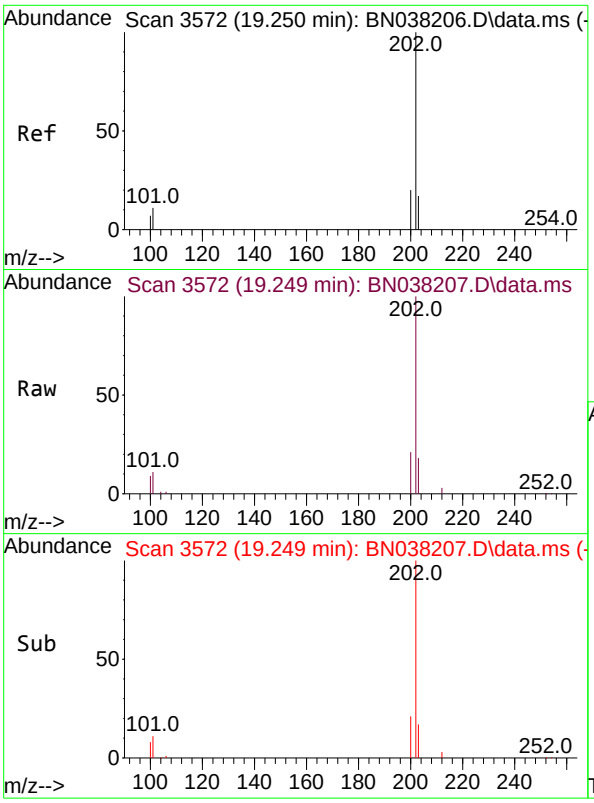


#16
Anthracene
Concen: 0.772 ng/ul
RT: 17.319 min Scan# 3131
Delta R.T. -0.005 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Tgt Ion:178 Resp: 49919

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.9	15.4	23.2



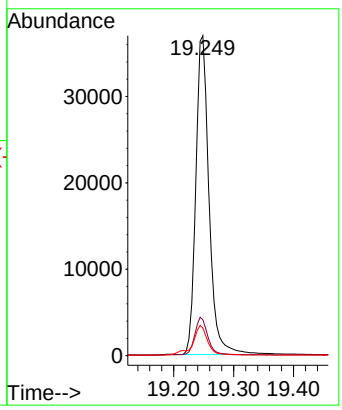


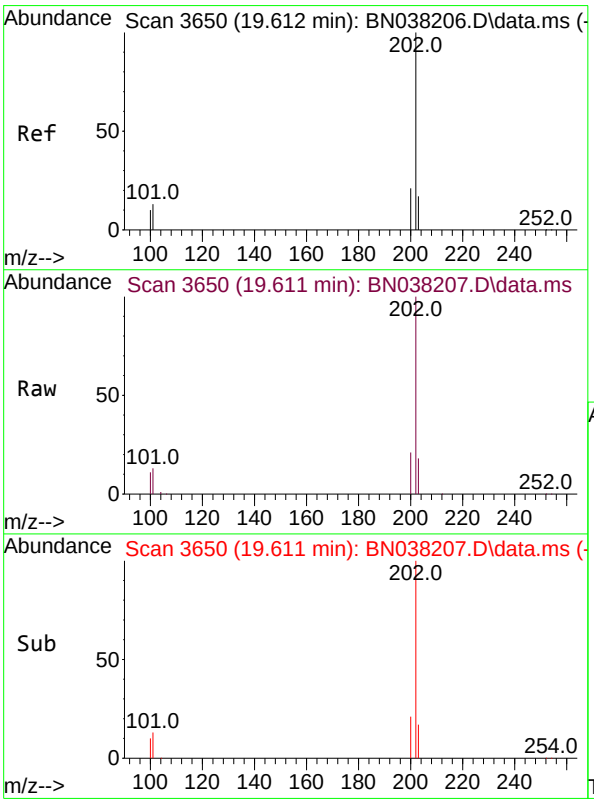
#19
Fluoranthene
Concen: 0.959 ng/ul
RT: 19.249 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.8228

Tgt Ion:202 Resp: 56852

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.3	13.9
100	8.6	7.2	10.8

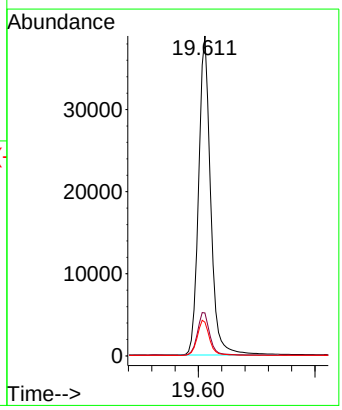


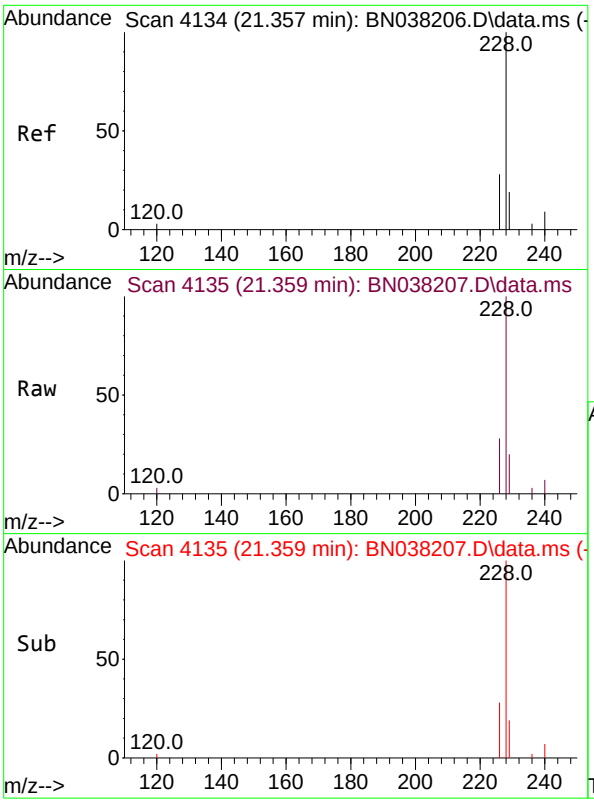


#20
Pyrene
Concen: 0.947 ng/ul
RT: 19.611 min Scan# 3650
Delta R.T. -0.001 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Tgt Ion:202 Resp: 55513

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.6	16.0
100	10.5	8.5	12.7



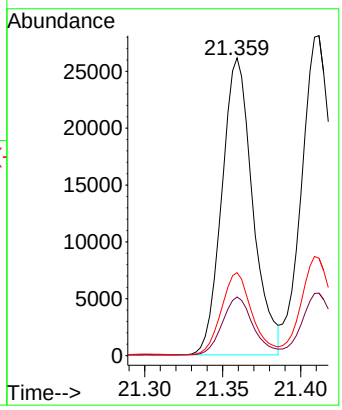


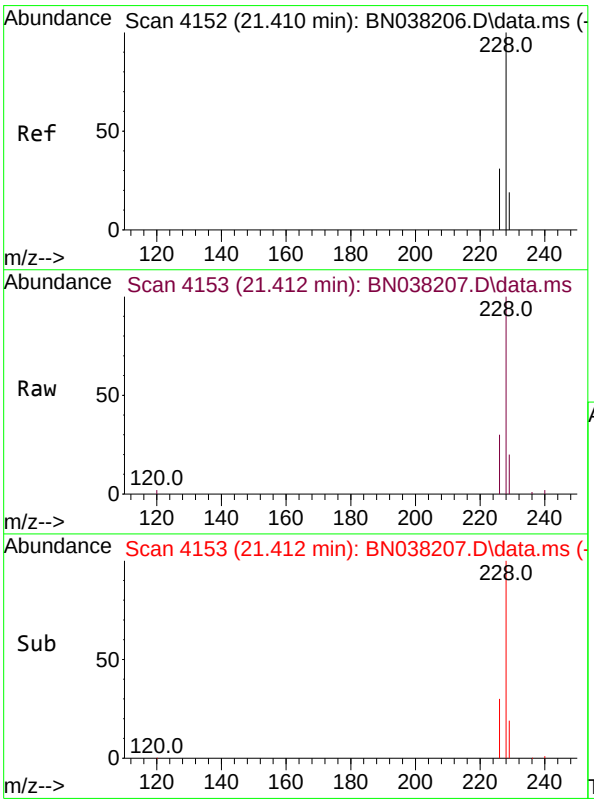
#21
Benzo(a)anthracene
Concen: 0.756 ng/ul
RT: 21.359 min Scan# 41
Delta R.T. 0.002 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.8228

Tgt Ion:228 Resp: 35974

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	27.9	22.4	33.6

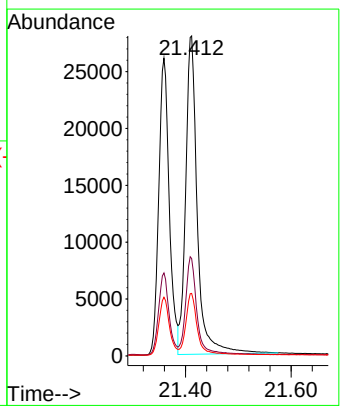


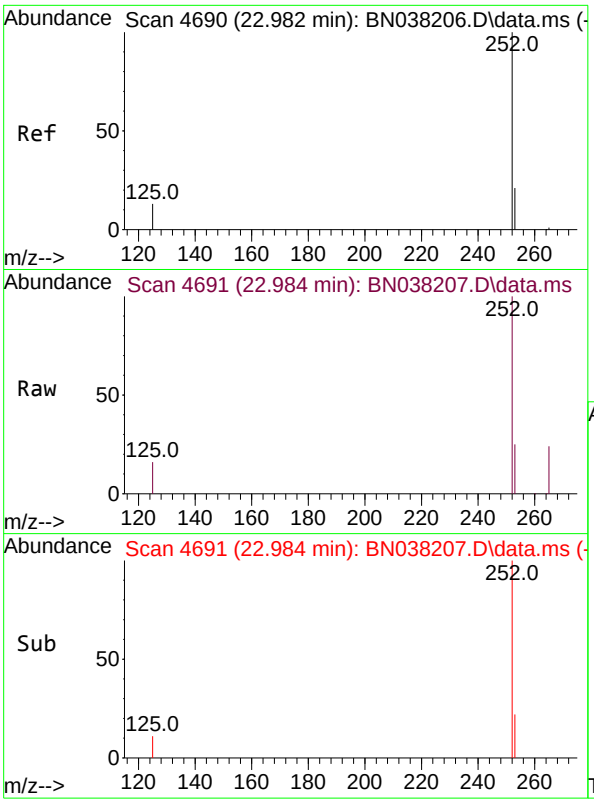


#22
Chrysene
Concen: 0.828 ng/ul
RT: 21.412 min Scan# 4153
Delta R.T. 0.002 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Tgt Ion:228 Resp: 42926

Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.0	37.4
229	19.5	15.4	23.0



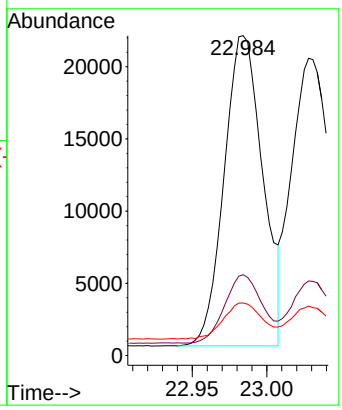


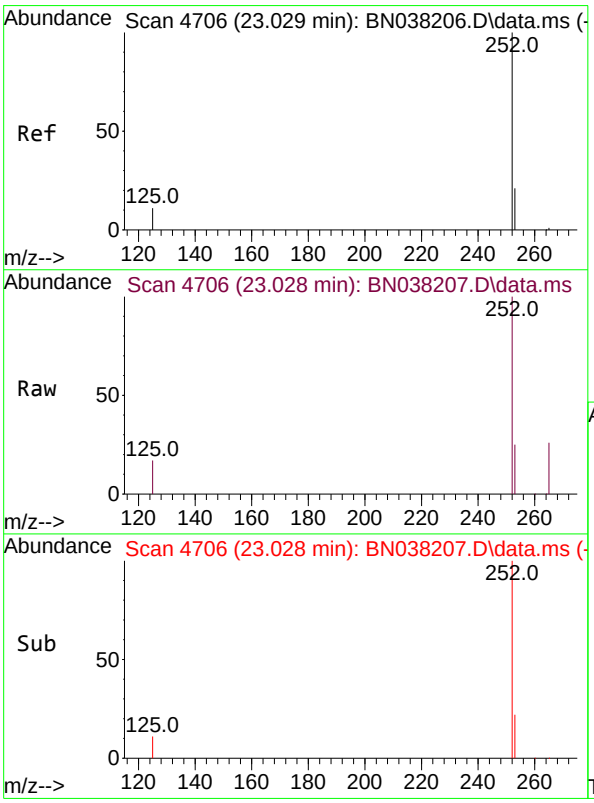
#24
Benzo(b)fluoranthene
Concen: 0.744 ng/ul
RT: 22.984 min Scan# 4
Delta R.T. 0.002 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.8228

Tgt Ion:252 Resp: 38729

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	55.8
125	16.4	0.0	45.6

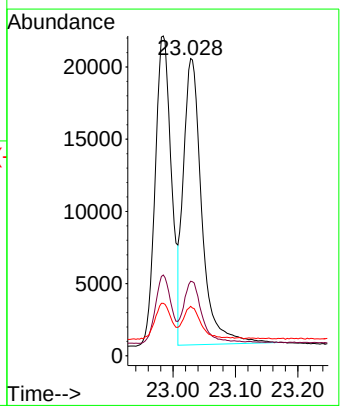


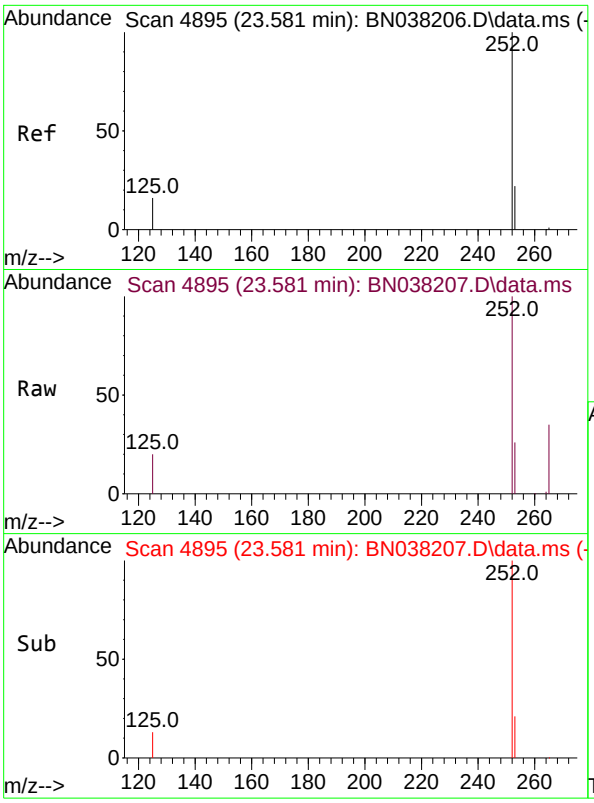


#25
Benzo(k)fluoranthene
Concen: 0.783 ng/ul
RT: 23.028 min Scan# 4706
Delta R.T. -0.001 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Tgt Ion:252 Resp: 40812

Ion	Ratio	Lower	Upper
252	100		
253	25.1	22.9	34.3
125	16.7	17.7	26.5#



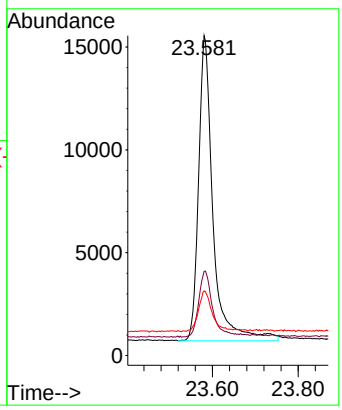


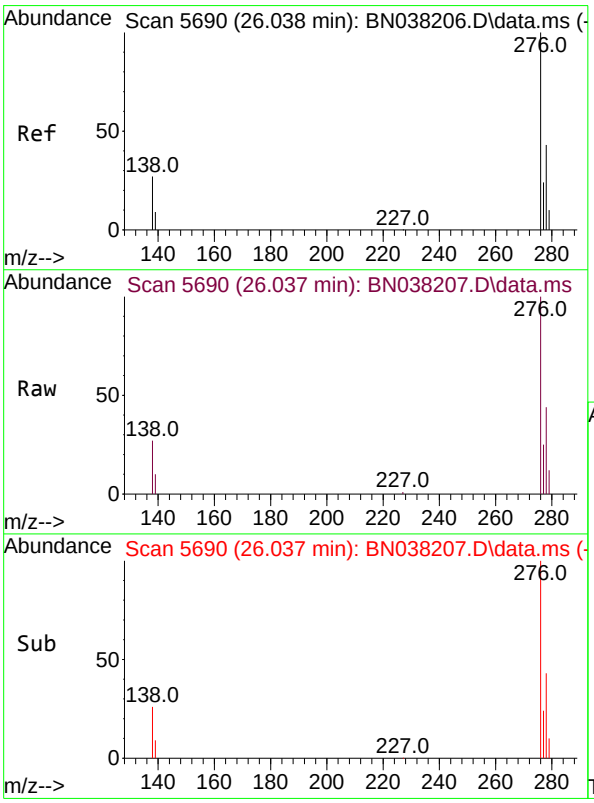
#26
Benzo(a)pyrene
Concen: 0.792 ng/ul
RT: 23.581 min Scan# 48
Delta R.T. -0.001 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.8228

Tgt Ion:252 Resp: 34561

Ion	Ratio	Lower	Upper
252	100		
253	26.3	25.9	38.9
125	20.2	24.6	37.0#

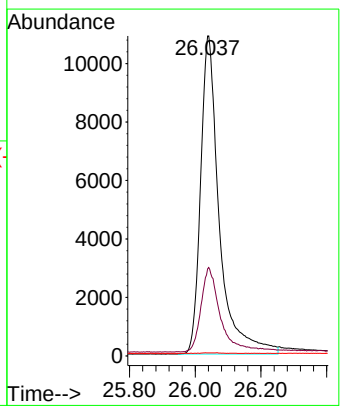


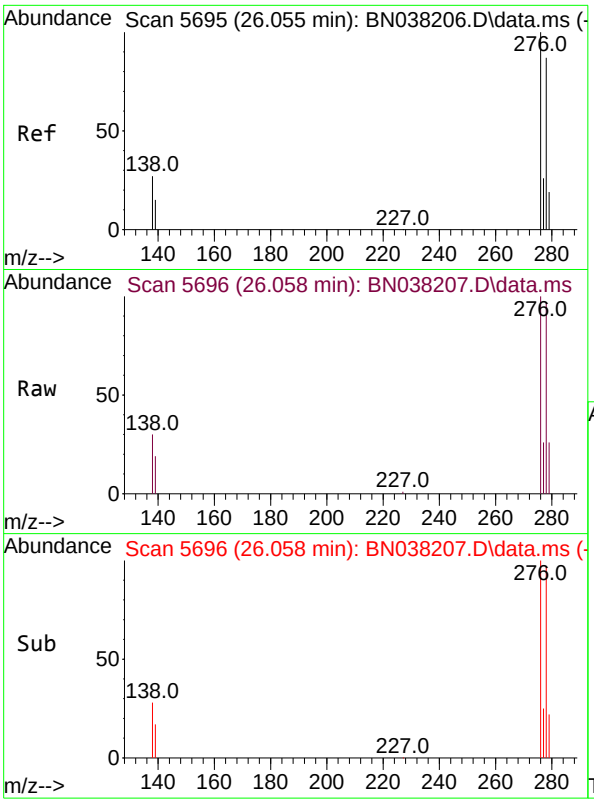


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.816 ng/ul
RT: 26.037 min Scan# 5690
Delta R.T. -0.001 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Tgt Ion:276 Resp: 43088

Ion	Ratio	Lower	Upper
276	100		
138	27.8	22.9	34.3
227	0.1	0.0	0.0#



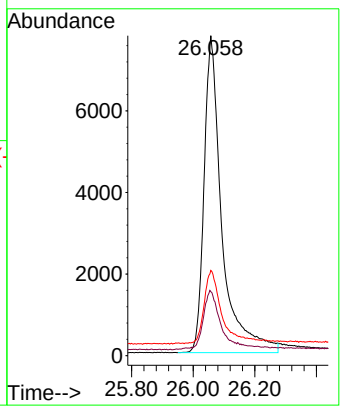


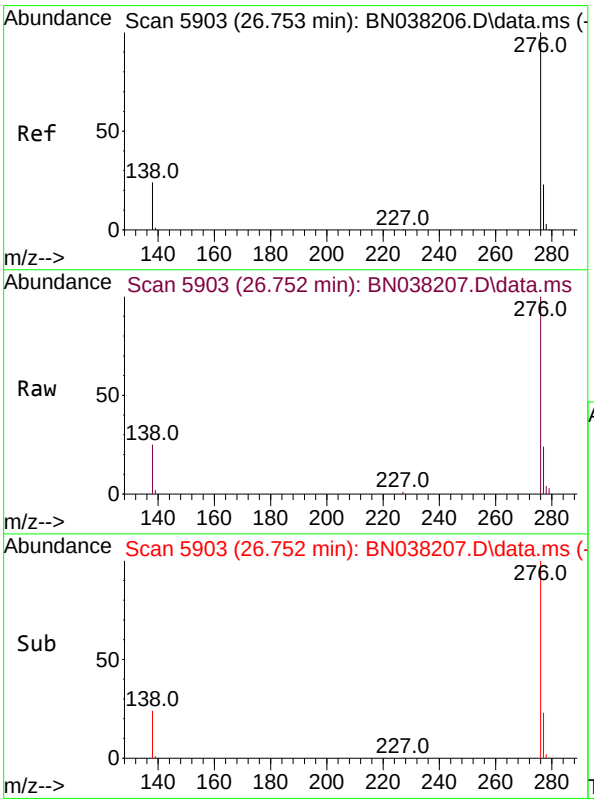
#28
Dibenzo(a,h)anthracene
Concen: 0.779 ng/ul
RT: 26.058 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Instrument :
BNA_N
ClientSampleId :
SSTD0.8228

Tgt Ion:278 Resp: 31278

Ion	Ratio	Lower	Upper
278	100		
139	20.0	18.1	27.1
279	26.6	25.0	37.4





#29
Benzo(g,h,i)perylene
Concen: 0.877 ng/ul
RT: 26.752 min Scan# 5903
Delta R.T. -0.001 min
Lab File: BN038207.D
Acq: 26 Nov 2025 16:54

Tgt Ion:276 Resp: 39177

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.6	32.4
277	24.2	19.8	29.6