Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120225\
Data File : BN038252.D
Acq On : 02 Dec 2025 13:24
Operator : RC/JU
Sample : PB170718BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS718

Quant Time: Dec 03 00:27:20 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 : Mon Dec 01 16:36:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	6852	0.400	ng/ul	0.00
4) Naphthalene-d8	10.568	136	19542	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.428	164	9302	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.184	188	14225	0.400	ng/ul	0.00
17) Chrysene-d12	21.374	240	9367	0.400	ng/ul	0.00
23) Perylene-d12	23.680	264	9919	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	5577	0.776	ng/ul	0.03
6) 2-Methylnaphthalene-d10	12.168	152	9779	0.351	ng/ul	0.00
18) Fluoranthene-d10	19.216	212	11769	0.323	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	14161	1.828	ng/ul	88
5) Naphthalene	10.617	128	20844	0.393	ng/ul	100
7) 2-Methylnaphthalene	12.240	142	13008	0.367	ng/ul	100
8) 1-Methylnaphthalene	12.459	142	12711	0.338	ng/ul	100
10) Acenaphthylene	14.146	152	17361	0.397	ng/ul	99
11) Acenaphthene	14.493	153	12621	0.389	ng/ul	100
12) Fluorene	15.483	166	12759	0.366	ng/ul	98
14) Pentachlorophenol	16.838	266	2641	1.158	ng/ul	98
15) Phenanthrene	17.226	178	17669	0.397	ng/ul	99
16) Anthracene	17.319	178	15392	0.407	ng/ul	100
19) Fluoranthene	19.244	202	17041	0.340	ng/ul	98
20) Pyrene	19.607	202	17213	0.347	ng/ul	97
21) Benzo(a)anthracene	21.356	228	13391	0.428	ng/ul	99
22) Chrysene	21.409	228	15314	0.394	ng/ul	99
24) Benzo(b)fluoranthene	22.981	252	15110	0.389	ng/ul	98
25) Benzo(k)fluoranthene	23.028	252	16347	0.400	ng/ul	98
26) Benzo(a)pyrene	23.578	252	14461	0.412	ng/ul	99
27) Indeno(1,2,3-cd)pyrene	26.034	276	20410	0.489	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.051	278	15583	0.532	ng/ul	98
29) Benzo(g,h,i)perylene	26.749	276	17802	0.453	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120225\
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BNA_N
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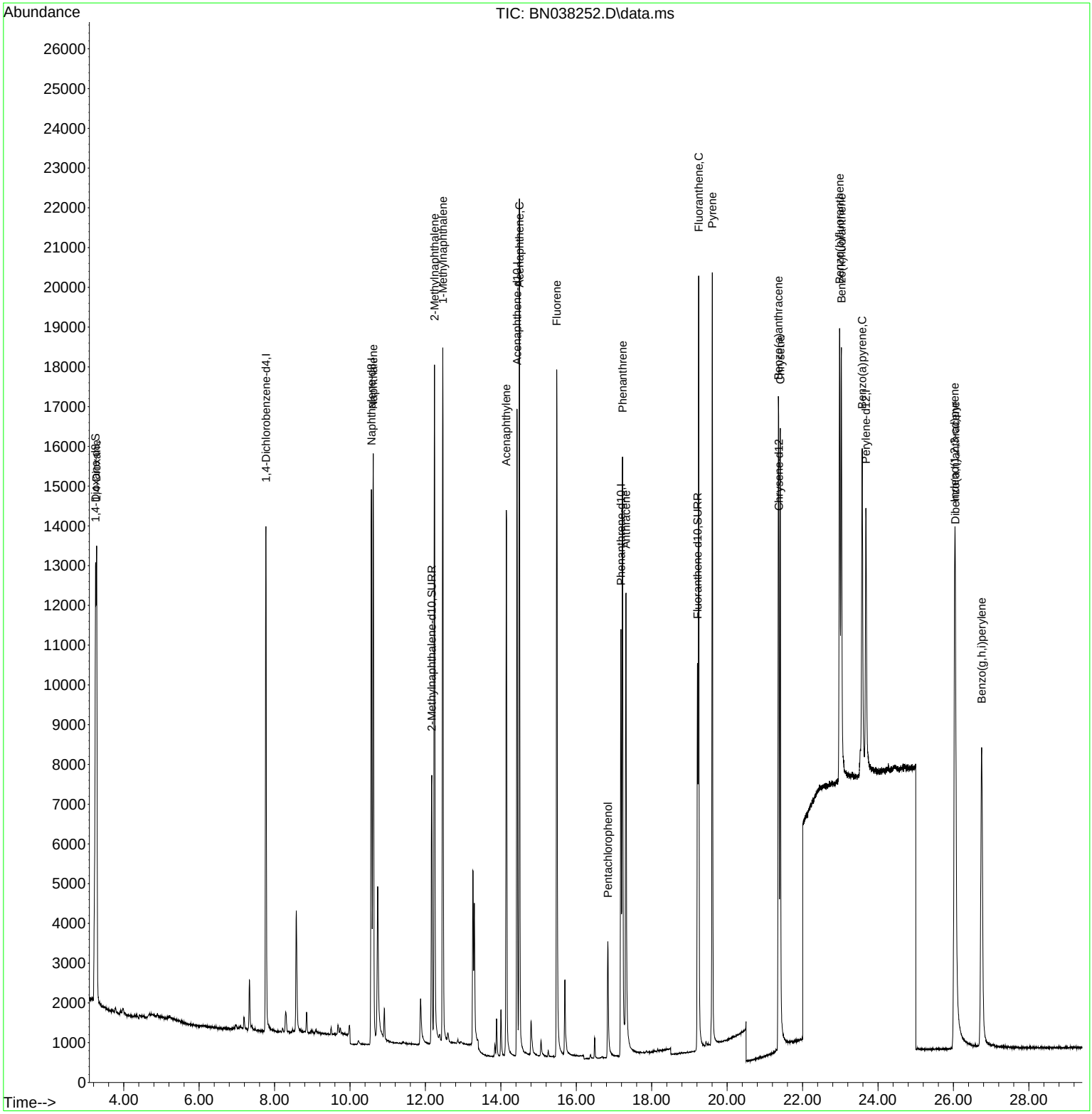
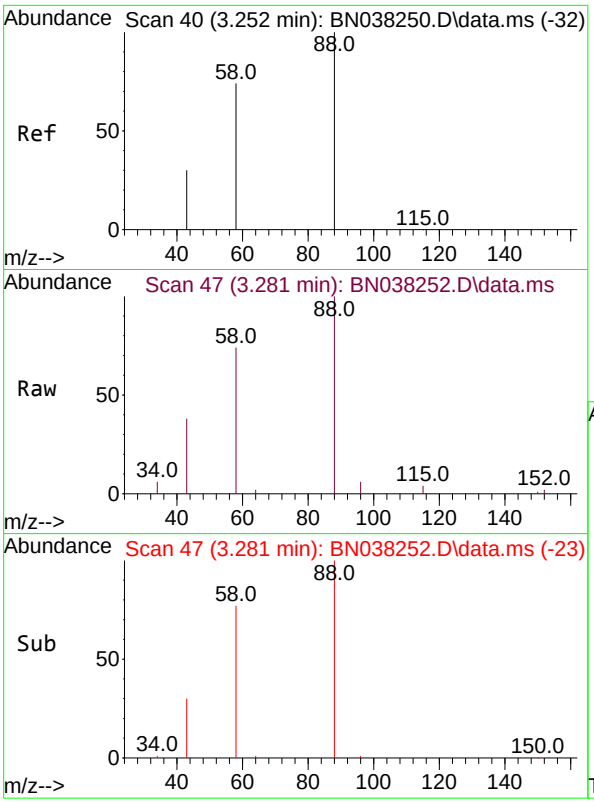
Quant Time: Dec 03 00:27:20 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN112625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 01 16:36:13 2025
Response via : Initial Calibration



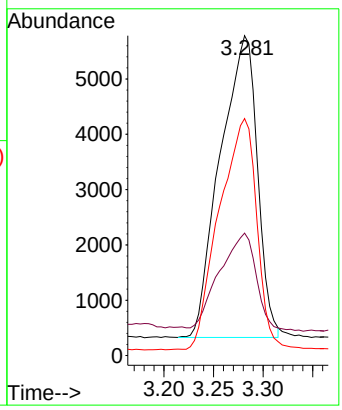


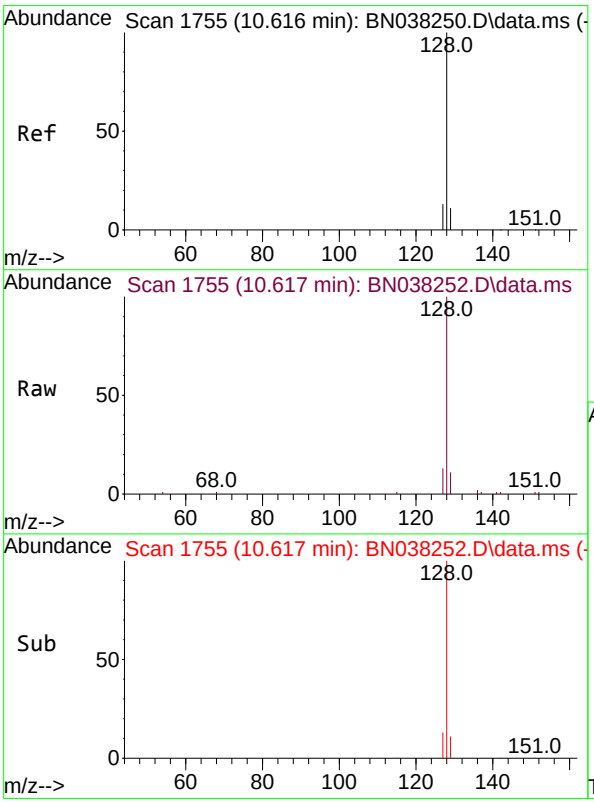
#2
1,4-Dioxane
Concen: 1.828 ng/ul
RT: 3.281 min Scan# 4
Delta R.T. 0.030 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion: 88 Resp: 14161

Ion	Ratio	Lower	Upper
88	100		
43	38.3	27.5	41.3
58	74.1	50.5	75.7

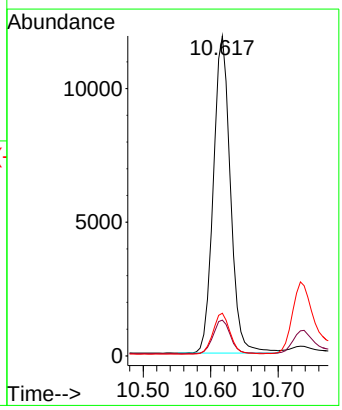


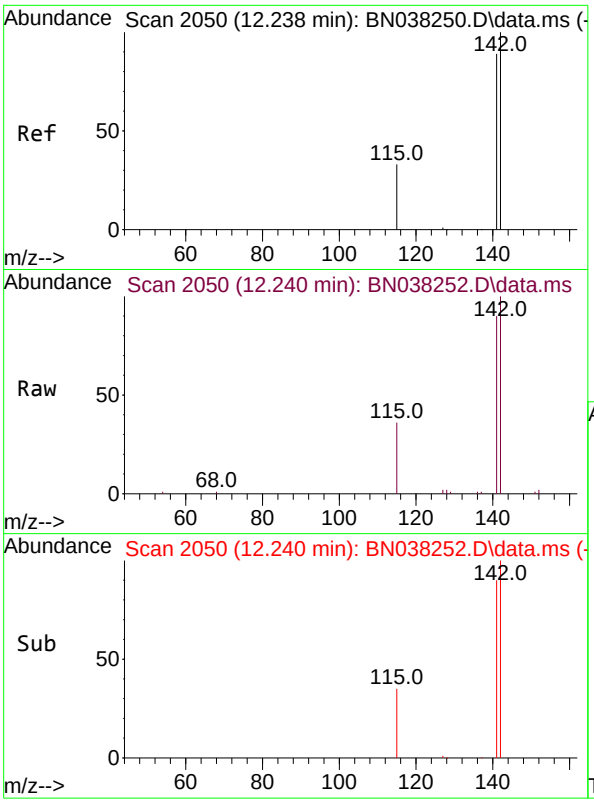


#5
Naphthalene
Concen: 0.393 ng/ul
RT: 10.617 min Scan# 1755
Delta R.T. -0.005 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Tgt Ion:128 Resp: 20844

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.0	13.6
127	13.3	10.6	16.0



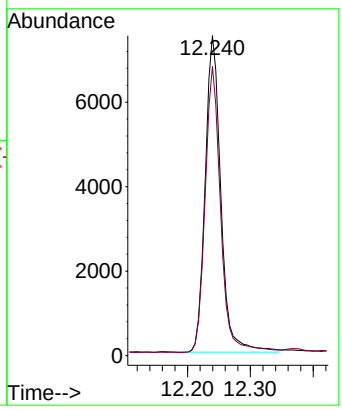


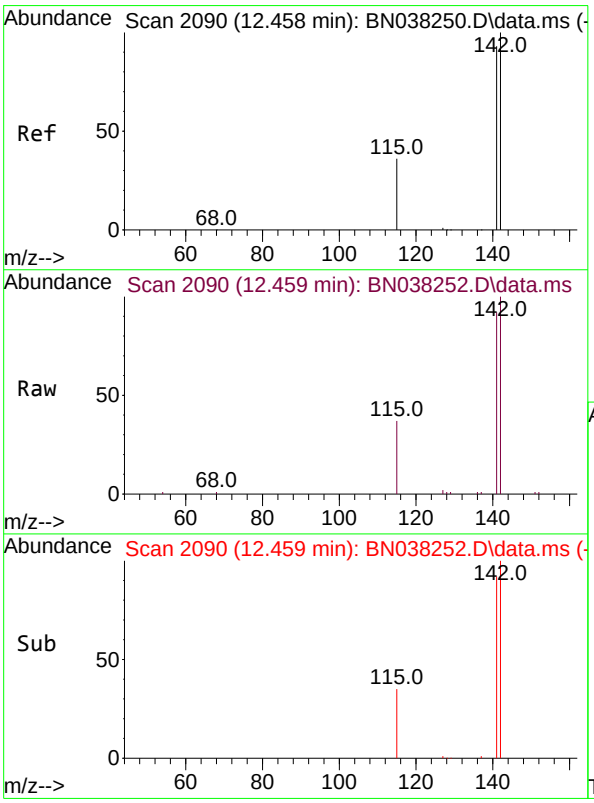
#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.240 min Scan# 20
Delta R.T. -0.005 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:142 Resp: 13008

Ion	Ratio	Lower	Upper
142	100		
141	89.4	71.7	107.5

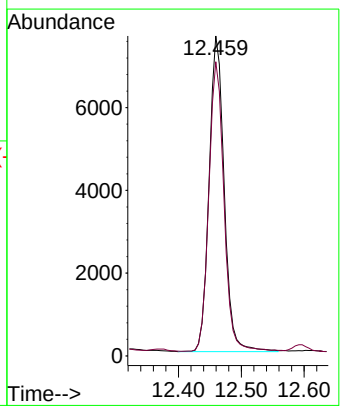


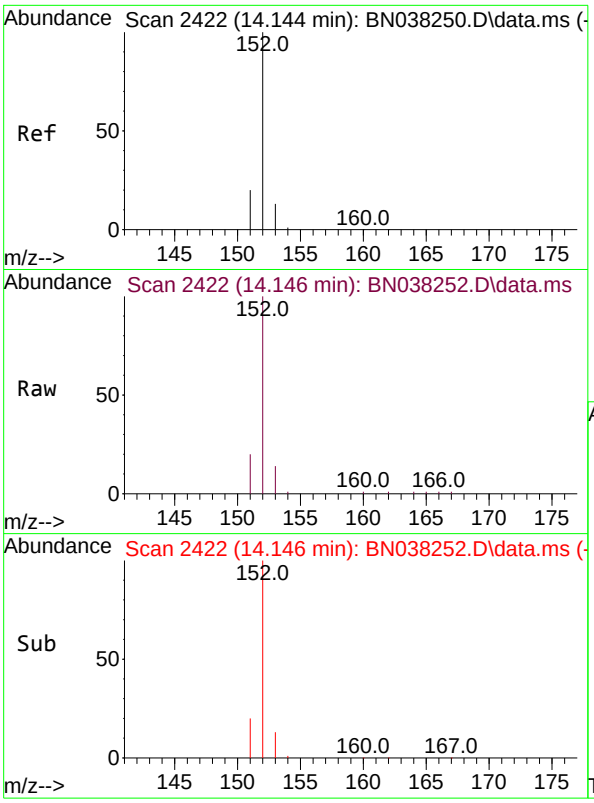


#8
1-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.459 min Scan# 2090
Delta R.T. -0.005 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Tgt Ion:142 Resp: 12711

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.1	111.1



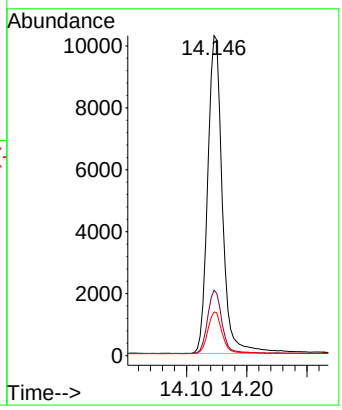


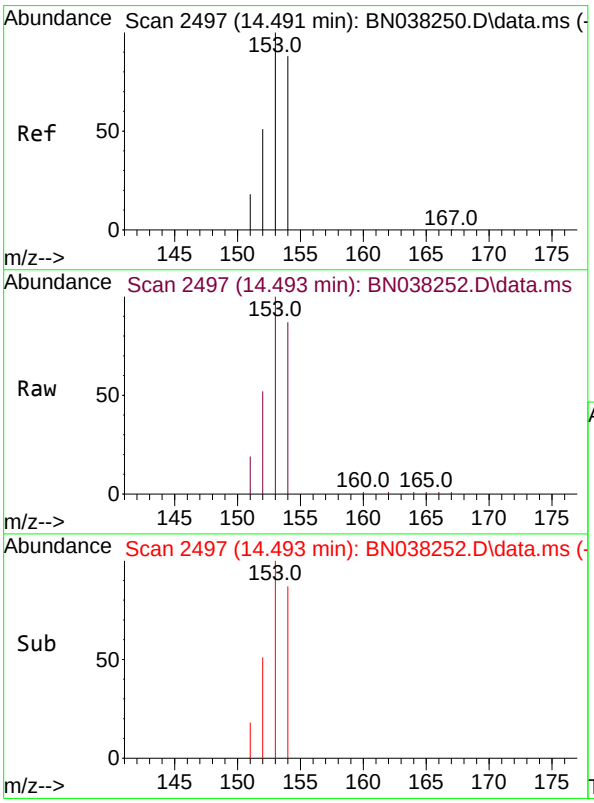
#10
Acenaphthylene
Concen: 0.397 ng/ul
RT: 14.146 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:152 Resp: 17361

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.0	24.0
153	13.6	10.7	16.1

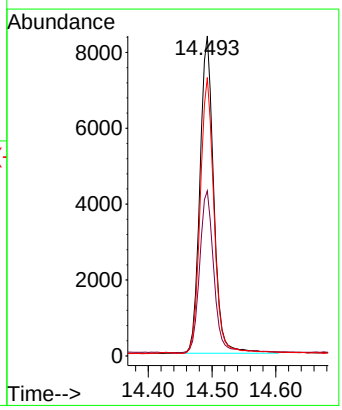


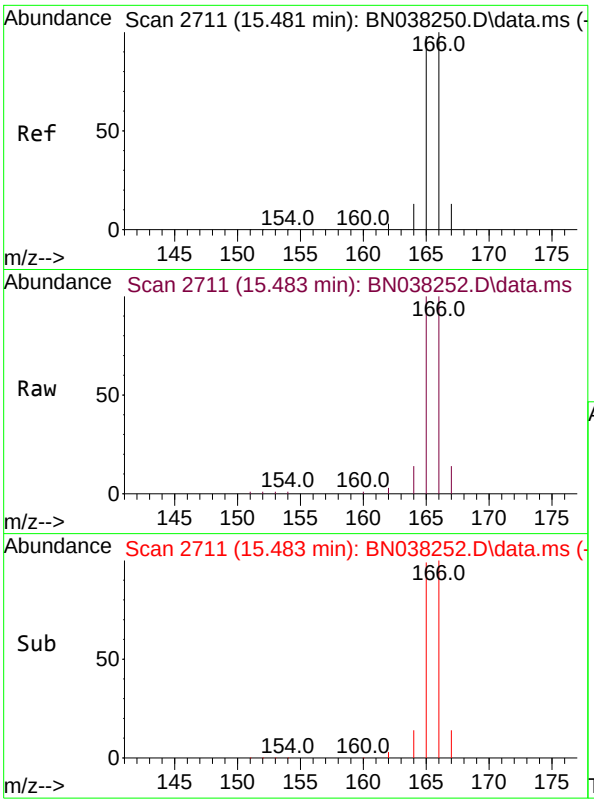


#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.493 min Scan# 2497
Delta R.T. -0.005 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Tgt Ion:153 Resp: 12621

Ion	Ratio	Lower	Upper
153	100		
152	51.6	41.4	62.0
154	87.0	69.7	104.5



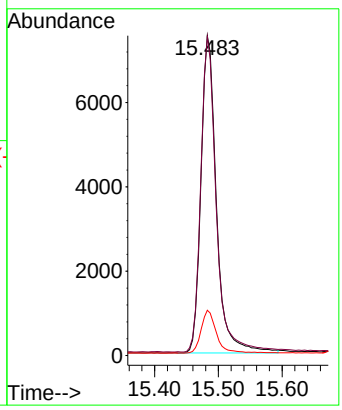


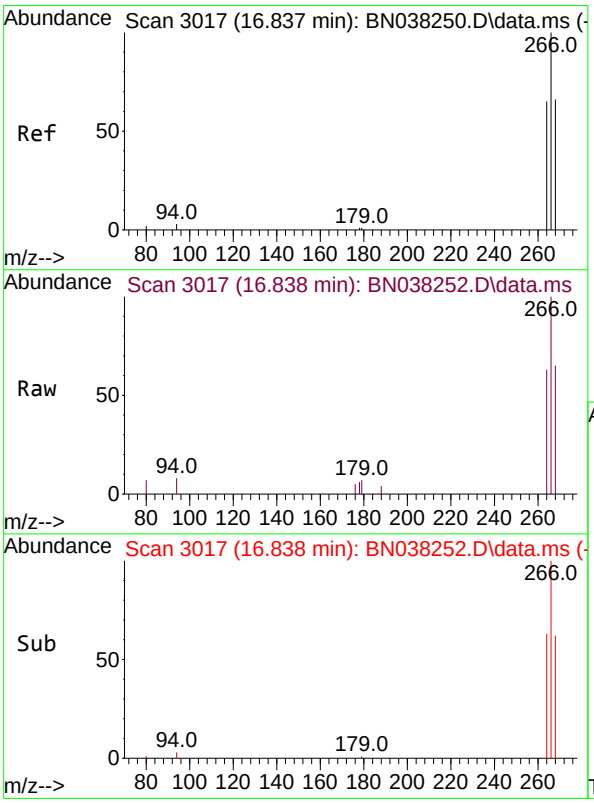
#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.483 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:166 Resp: 12759

Ion	Ratio	Lower	Upper
166	100		
165	99.7	78.1	117.1
167	14.2	11.0	16.4

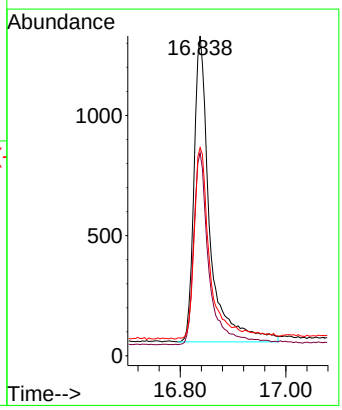


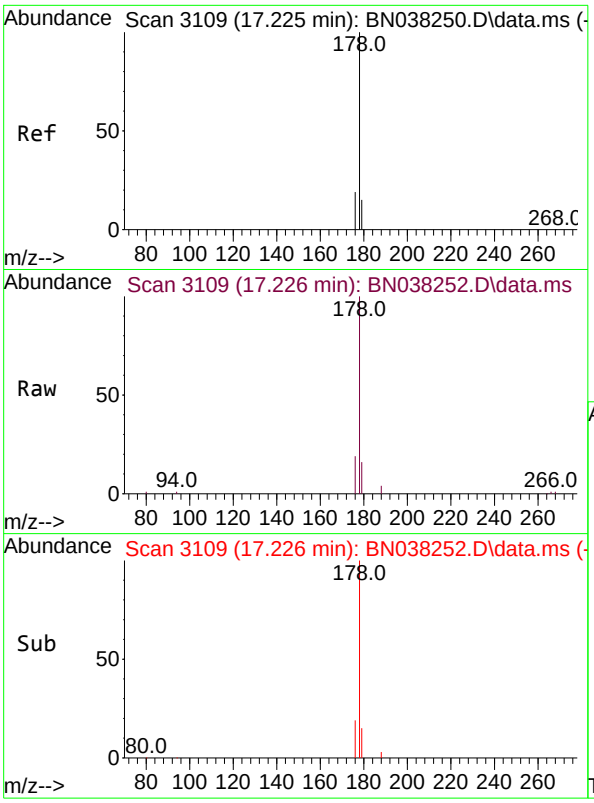


#14
Pentachlorophenol
Concen: 1.158 ng/ul
RT: 16.838 min Scan# 3017
Delta R.T. -0.009 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Tgt Ion:266 Resp: 2641

Ion	Ratio	Lower	Upper
266	100		
264	61.6	49.3	73.9
268	64.0	53.7	80.5



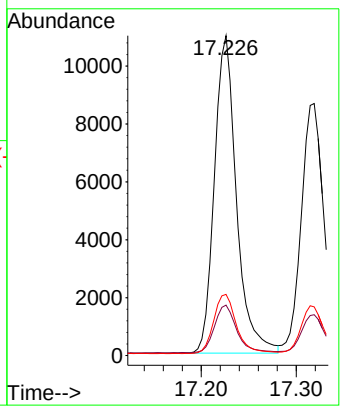


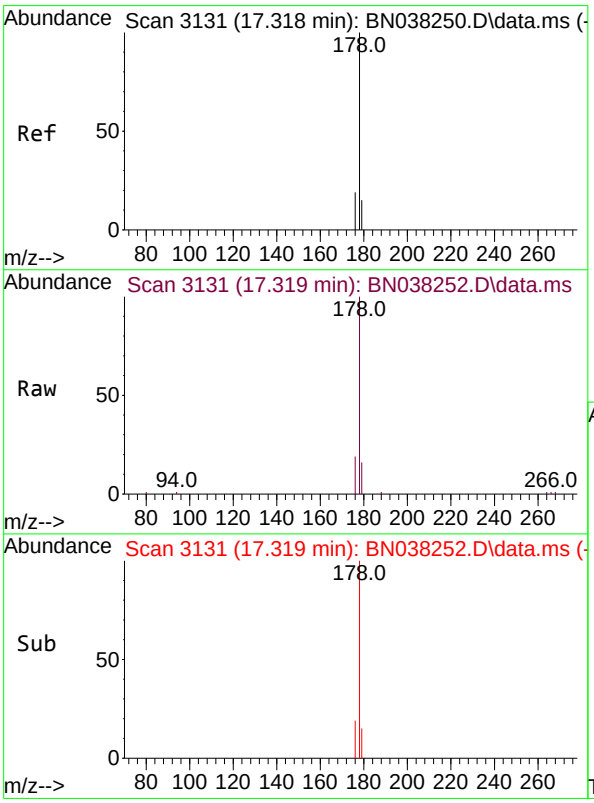
#15
Phenanthrene
Concen: 0.397 ng/ul
RT: 17.226 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:178 Resp: 17669

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.4	18.6
176	19.1	15.8	23.6

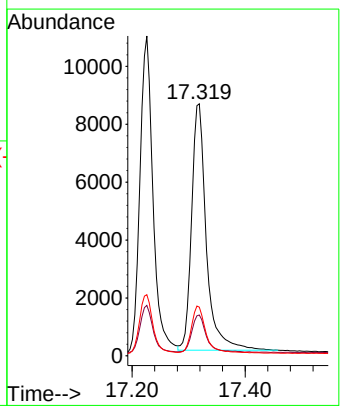


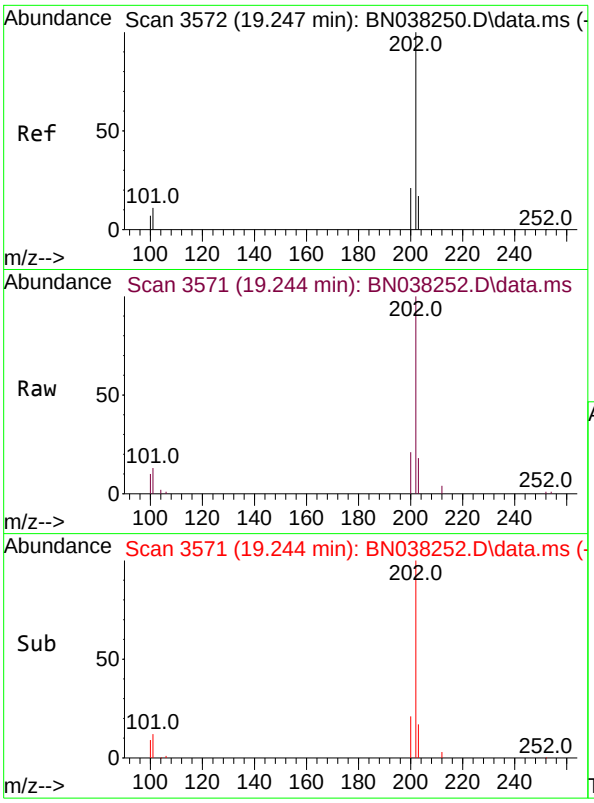


#16
Anthracene
Concen: 0.407 ng/ul
RT: 17.319 min Scan# 3131
Delta R.T. -0.005 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Tgt Ion:178 Resp: 15392

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	19.3	15.4	23.2



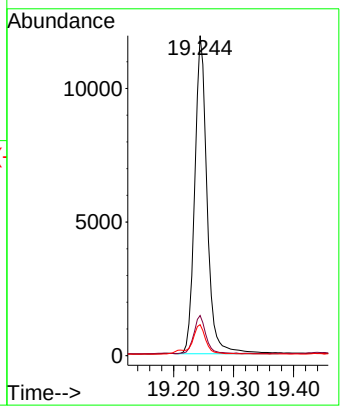


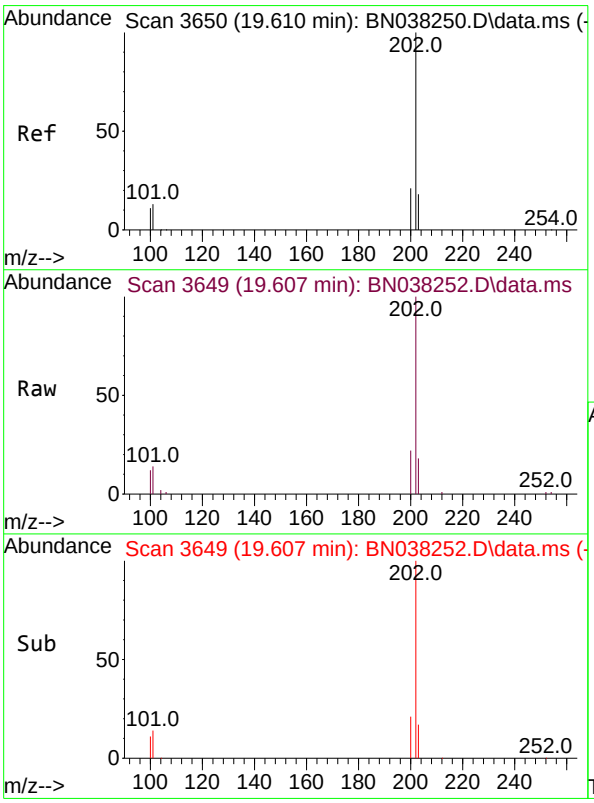
#19
Fluoranthene
Concen: 0.340 ng/ul
RT: 19.244 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:202 Resp: 17041

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.3	13.9
100	9.7	7.2	10.8

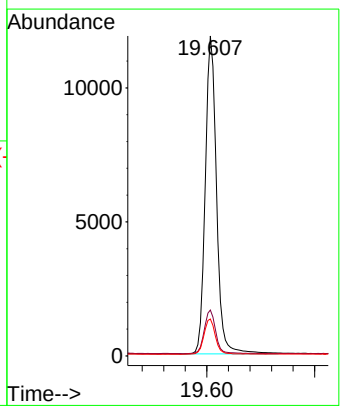


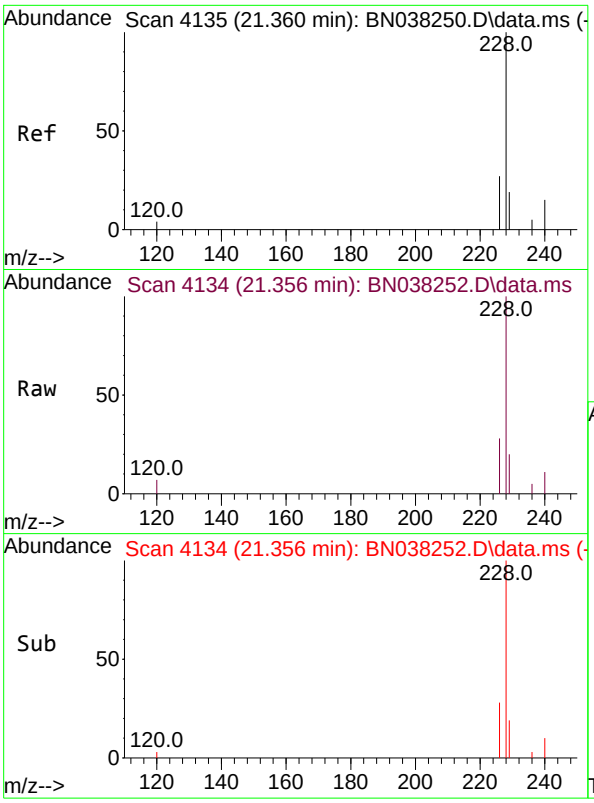


#20
Pyrene
Concen: 0.347 ng/ul
RT: 19.607 min Scan# 3649
Delta R.T. -0.005 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Tgt Ion:202 Resp: 17213

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.6	16.0
100	11.5	8.5	12.7



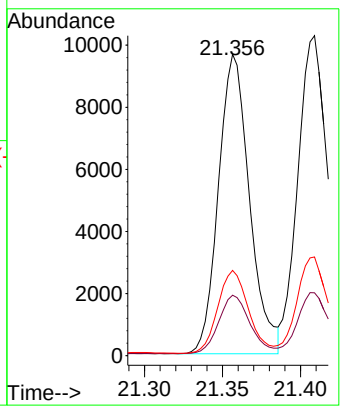


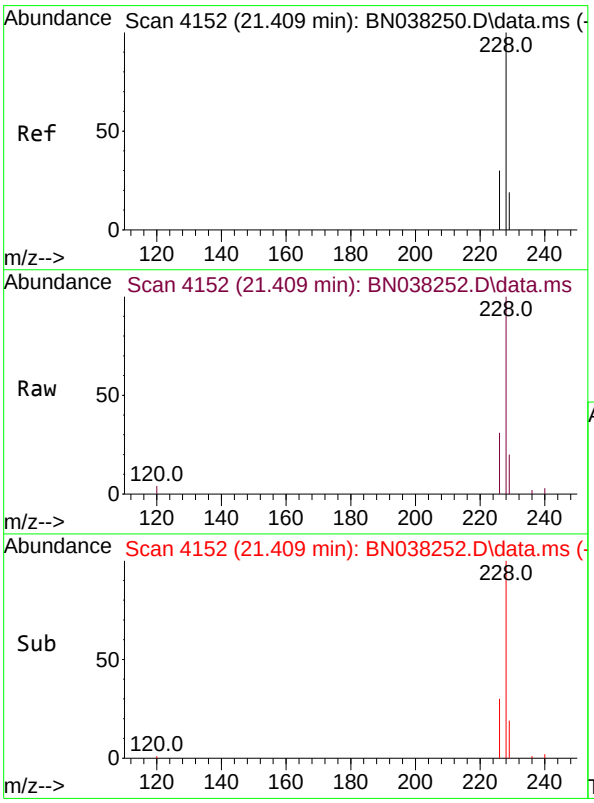
#21
Benzo(a)anthracene
Concen: 0.428 ng/ul
RT: 21.356 min Scan# 41
Delta R.T. -0.001 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:228 Resp: 13391

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.6	23.4
226	28.3	22.4	33.6

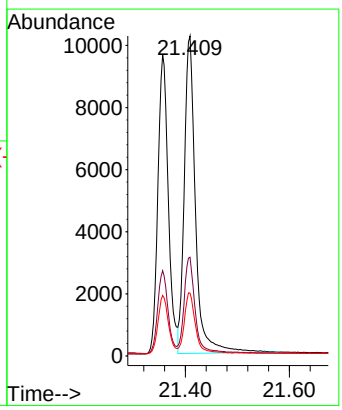


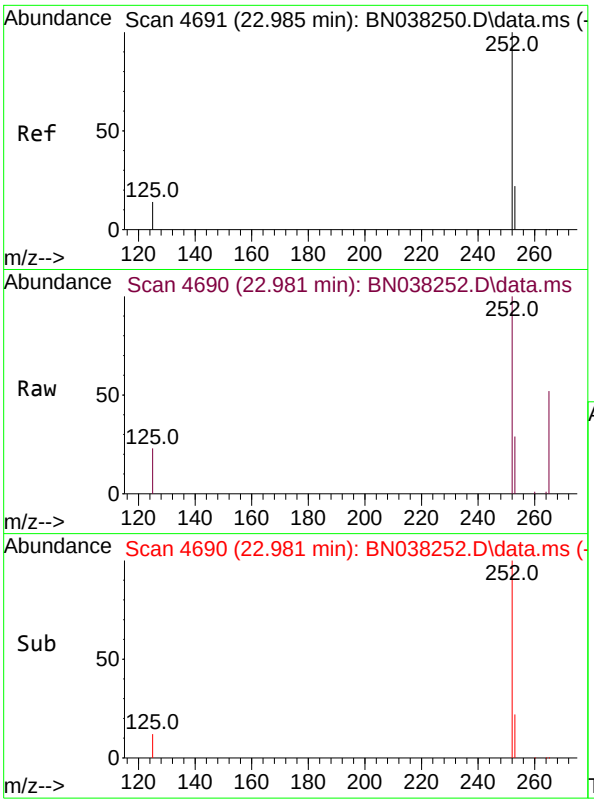


#22
Chrysene
Concen: 0.394 ng/ul
RT: 21.409 min Scan# 4152
Delta R.T. -0.001 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Tgt Ion:228 Resp: 15314

Ion	Ratio	Lower	Upper
228	100		
226	30.8	25.0	37.4
229	19.6	15.4	23.0



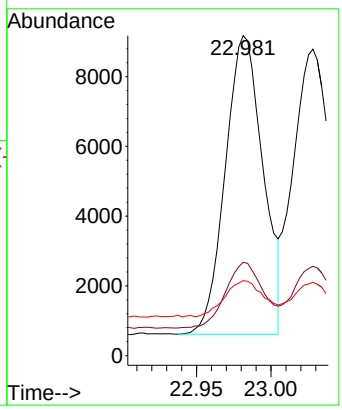


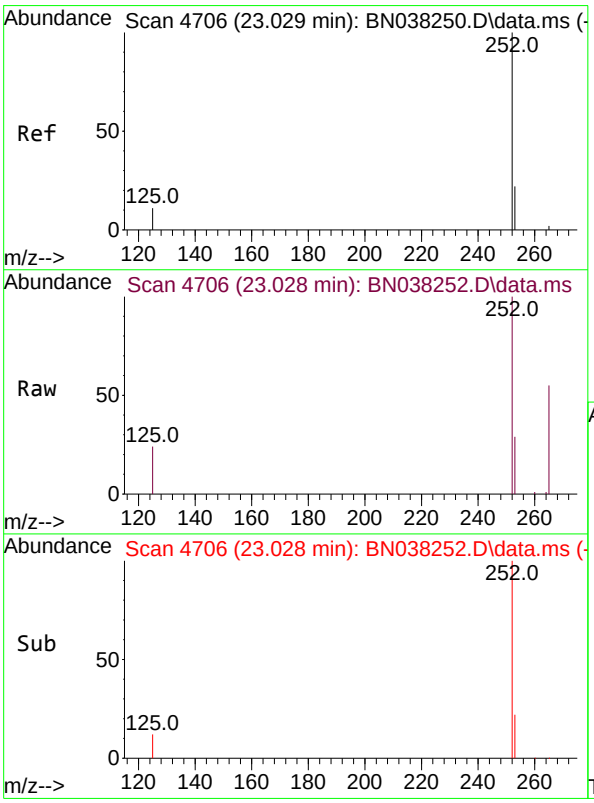
#24
Benzo(b)fluoranthene
Concen: 0.389 ng/ul
RT: 22.981 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:252 Resp: 15110

Ion	Ratio	Lower	Upper
252	100		
253	29.1	0.0	55.8
125	23.4	0.0	45.6

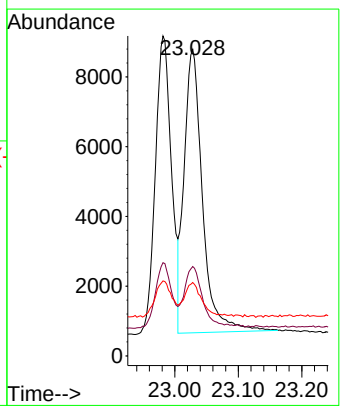


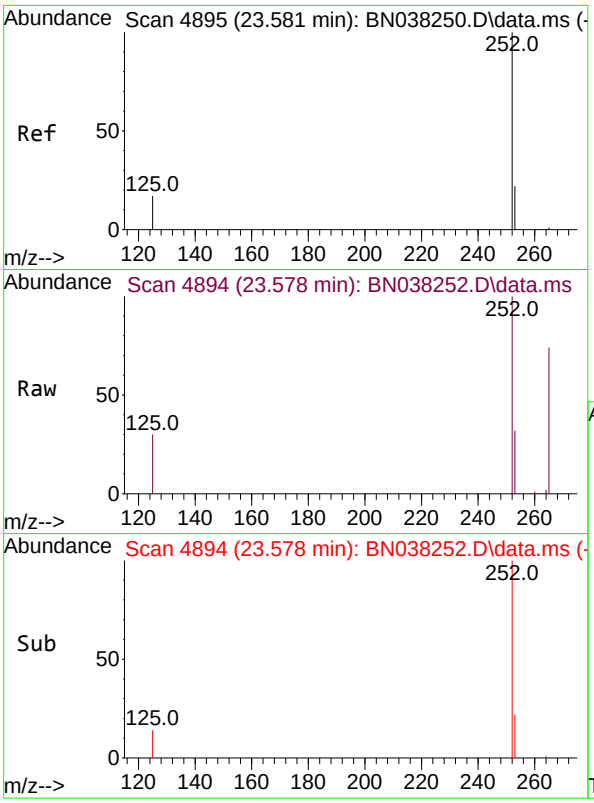


#25
Benzo(k)fluoranthene
Concen: 0.400 ng/ul
RT: 23.028 min Scan# 4706
Delta R.T. -0.001 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Tgt Ion:252 Resp: 16347

Ion	Ratio	Lower	Upper
252	100		
253	29.1	22.9	34.3
125	23.9	17.7	26.5



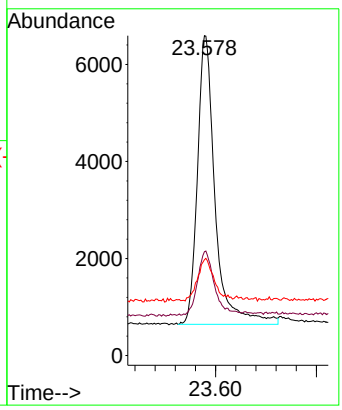


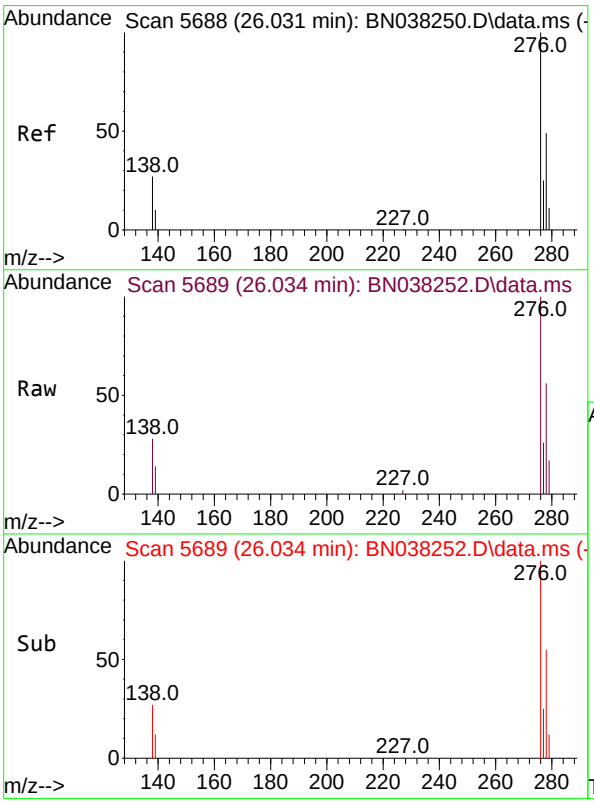
#26
Benzo(a)pyrene
Concen: 0.412 ng/ul
RT: 23.578 min Scan# 48
Delta R.T. -0.004 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:252 Resp: 14461

Ion	Ratio	Lower	Upper
252	100		
253	32.5	25.9	38.9
125	30.0	24.6	37.0

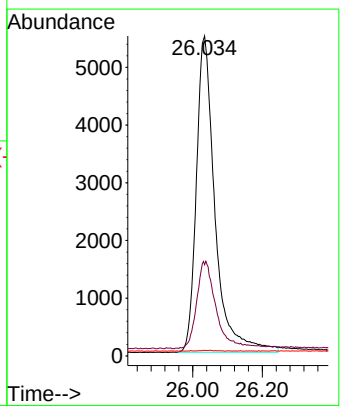


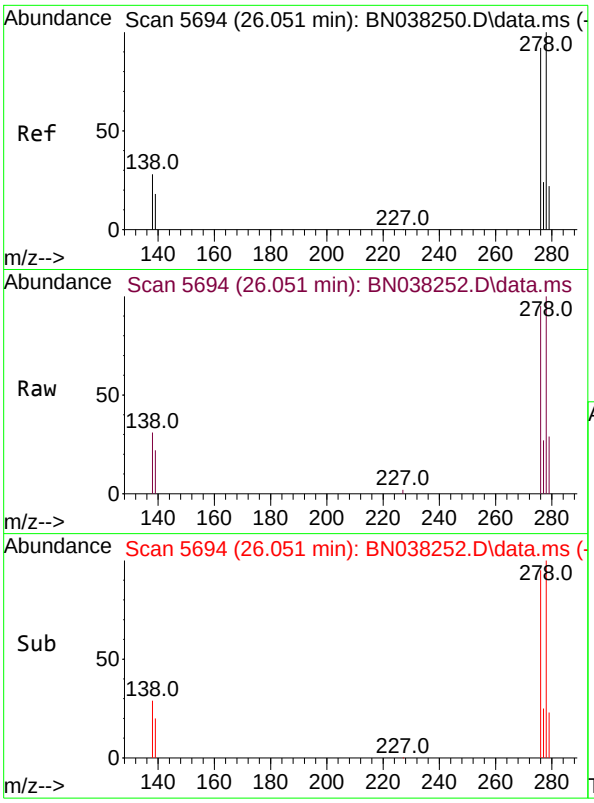


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.489 ng/ul
RT: 26.034 min Scan# 5689
Delta R.T. -0.004 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Tgt Ion:276 Resp: 20410

Ion	Ratio	Lower	Upper
276	100		
138	29.3	22.9	34.3
227	0.1	0.0	0.0#



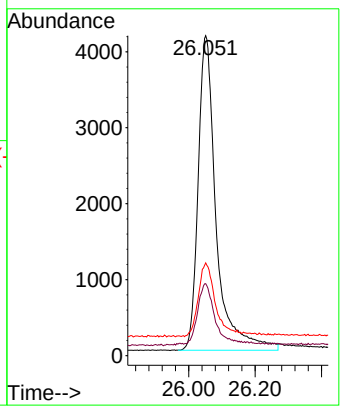


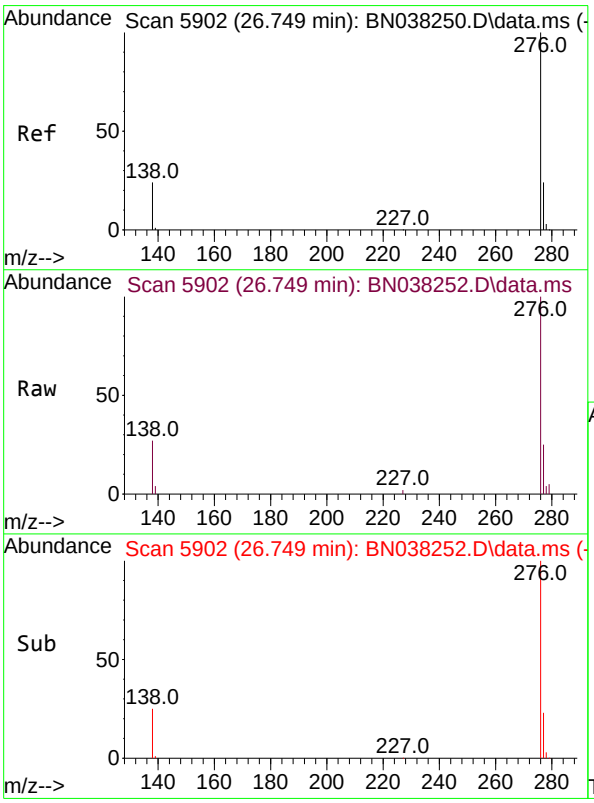
#28
Dibenzo(a,h)anthracene
Concen: 0.532 ng/ul
RT: 26.051 min Scan# 5
Delta R.T. -0.004 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Instrument :
BNA_N
ClientSampleId :
SLCS718

Tgt Ion:278 Resp: 15583

Ion	Ratio	Lower	Upper
278	100		
139	22.5	18.1	27.1
279	29.0	25.0	37.4





#29
Benzo(g,h,i)perylene
Concen: 0.453 ng/ul
RT: 26.749 min Scan# 5902
Delta R.T. -0.004 min
Lab File: BN038252.D
Acq: 02 Dec 2025 13:24

Tgt Ion:276 Resp: 17802

Ion	Ratio	Lower	Upper
276	100		
138	26.8	21.6	32.4
277	25.3	19.8	29.6