Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036042.D
Acq On : 27 Jan 2025 18:25
Operator : RC/JU
Sample : Q1174-15MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2944MS

Quant Time: Jan 28 00:08:24 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	7.812	152	2289	0.400	ng/ul	0.00
4) Naphthalene-d8	10.605	136	4835	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.450	164	2756	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.187	188	5158	0.400	ng/ul	0.00
17) Chrysene-d12	21.369	240	4265	0.400	ng/ul	0.00
23) Perylene-d12	23.666	264	4025	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.276	96	745	0.297	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.194	152	2720	0.446	ng/ul	0.00
18) Fluoranthene-d10	19.215	212	6356	0.542	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.310	88	2249	0.841	ng/ul	93
5) Naphthalene	10.655	128	5206	0.391	ng/ul	99
7) 2-Methylnaphthalene	12.271	142	3309	0.400	ng/ul	99
8) 1-Methylnaphthalene	12.486	142	3388	0.403	ng/ul	100
10) Acenaphthylene	14.168	152	5065	0.390	ng/ul	99
11) Acenaphthene	14.510	153	3914	0.409	ng/ul	96
12) Fluorene	15.495	166	4416	0.418	ng/ul	99
14) Pentachlorophenol	16.841	266	1684	0.932	ng/ul	99
15) Phenanthrene	17.229	178	6588	0.436	ng/ul	100
16) Anthracene	17.322	178	5971	0.425	ng/ul	99
19) Fluoranthene	19.248	202	7866	0.485	ng/ul	99
20) Pyrene	19.610	202	8266	0.489	ng/ul	98
21) Benzo(a)anthracene	21.354	228	6975	0.458	ng/ul	99
22) Chrysene	21.404	228	7191	0.462	ng/ul	99
24) Benzo(b)fluoranthene	22.973	252	6495	0.484	ng/ul	98
25) Benzo(k)fluoranthene	23.017	252	6860	0.486	ng/ul	98
26) Benzo(a)pyrene	23.564	252	5693	0.469	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.008	276	7049	0.439	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.025	278	5427	0.439	ng/ul	97
29) Benzo(g,h,i)perylene	26.719	276	5458	0.438	ng/ul	99

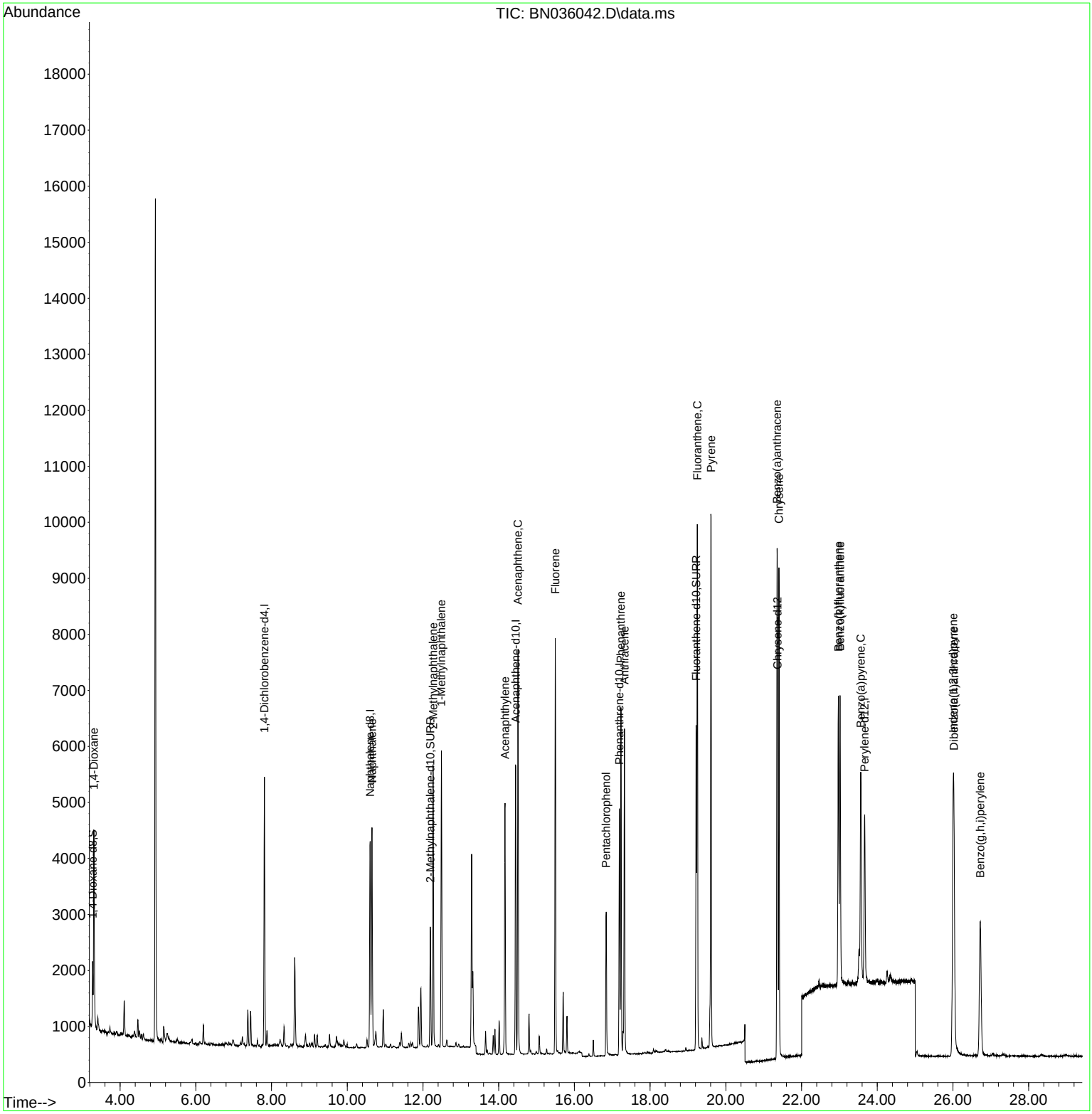
(#) = qualifier out of range (m) = manual integration (+) = signals summed

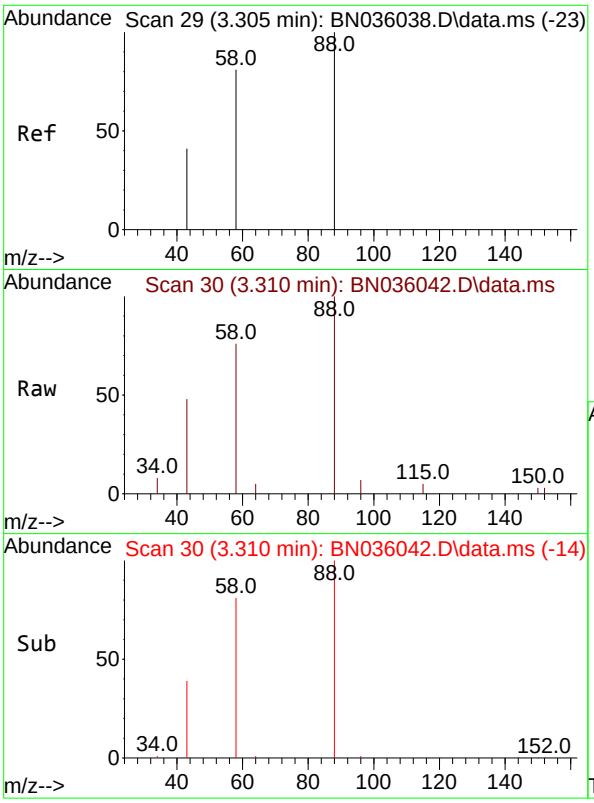
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012725\
Data File : BN036042.D
Acq On : 27 Jan 2025 18:25
Operator : RC/JU
Sample : Q1174-15MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
E2944MS

Quant Time: Jan 28 00:08:24 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



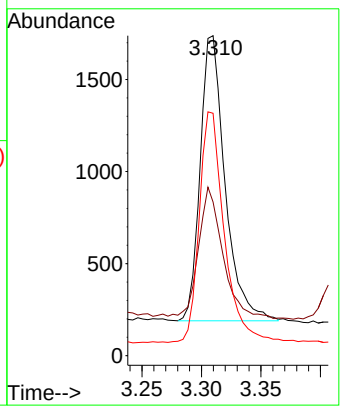


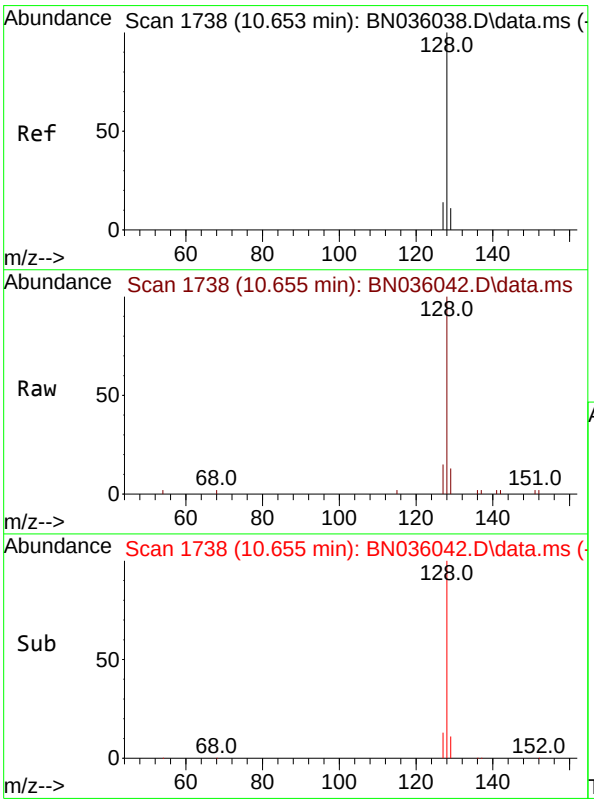
#2
1,4-Dioxane
Concen: 0.841 ng/ul
RT: 3.310 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Instrument :
BNA_N
ClientSampleId :
E2944MS

Tgt Ion: 88 Resp: 2249

Ion	Ratio	Lower	Upper
88	100		
43	48.0	40.7	61.1
58	75.8	55.2	82.8

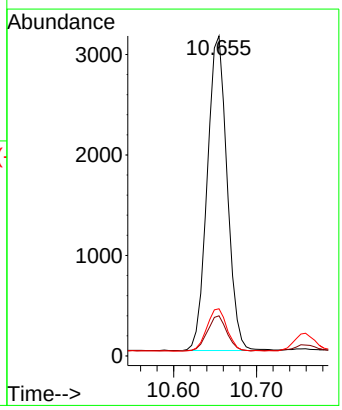


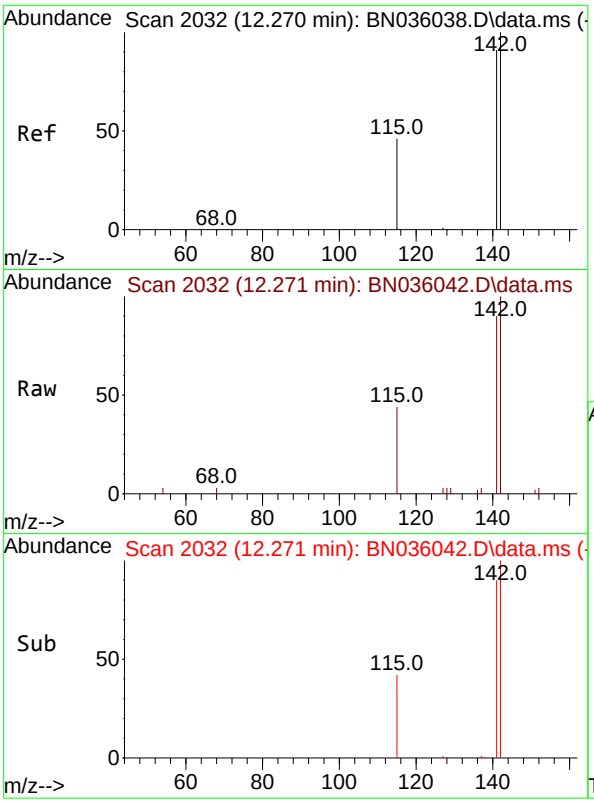


#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.655 min Scan# 1738
Delta R.T. -0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:128 Resp: 5206

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.6	14.4
127	14.7	12.0	18.0



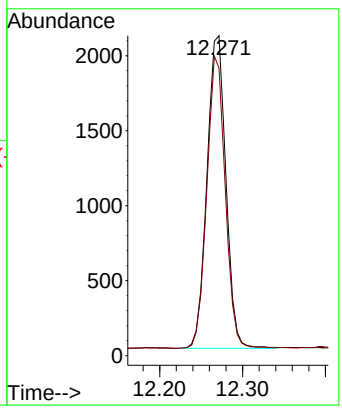


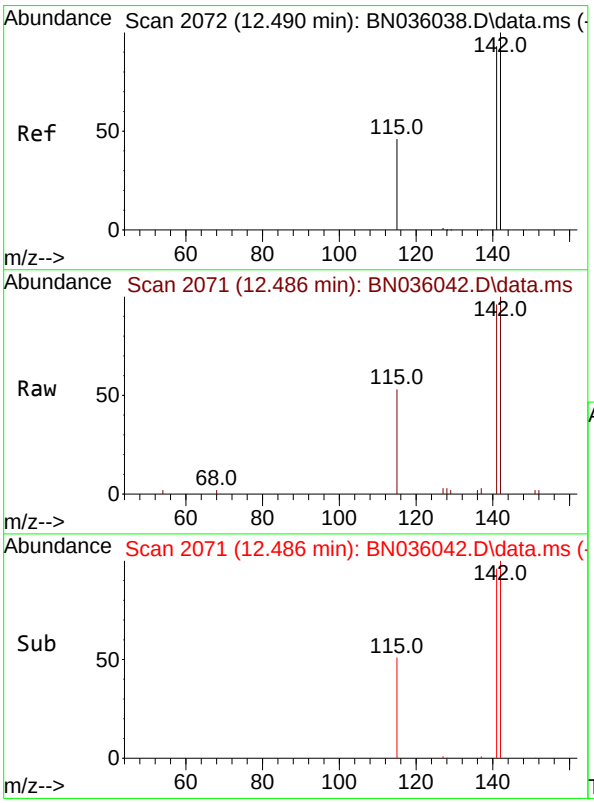
#7
2-Methylnaphthalene
Concen: 0.400 ng/ul
RT: 12.271 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Instrument :
BNA_N
ClientSampleId :
E2944MS

Tgt Ion:142 Resp: 3309

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.9	107.9

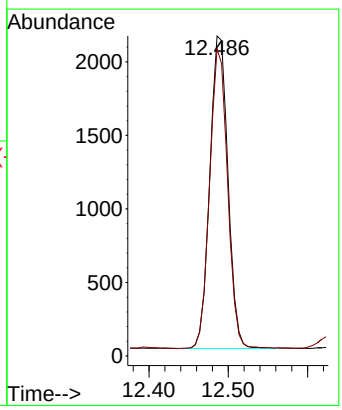


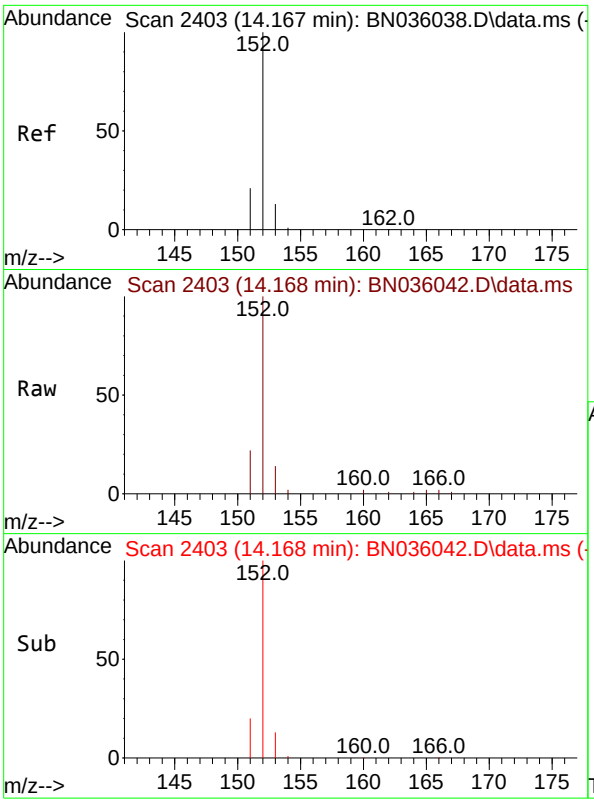


#8
1-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.486 min Scan# 2071
Delta R.T. -0.006 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:142 Resp: 3388

Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.2	112.8



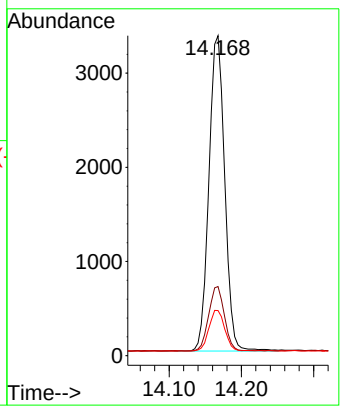


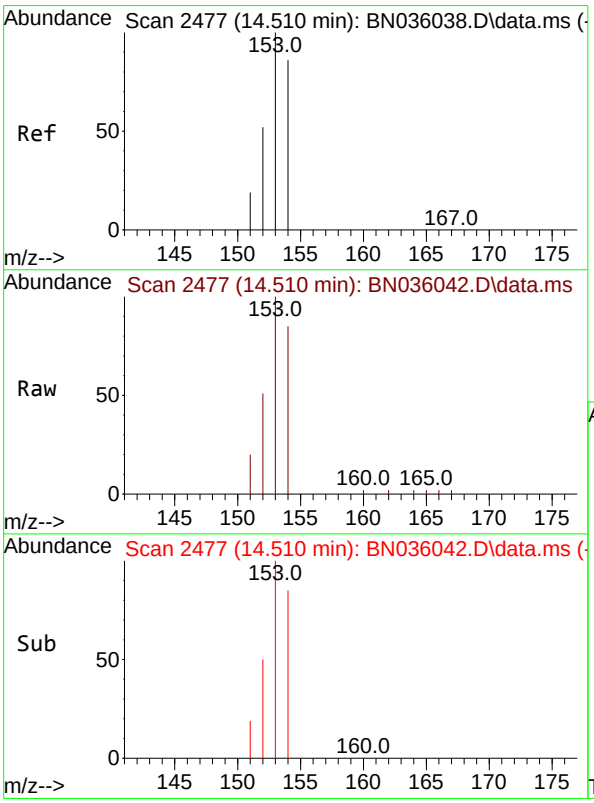
#10
Acenaphthylene
Concen: 0.390 ng/ul
RT: 14.168 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Instrument :
BNA_N
ClientSampleId :
E2944MS

Tgt Ion:152 Resp: 5065

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.4	26.2
153	14.1	11.9	17.9

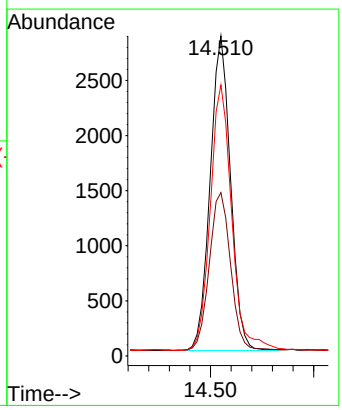


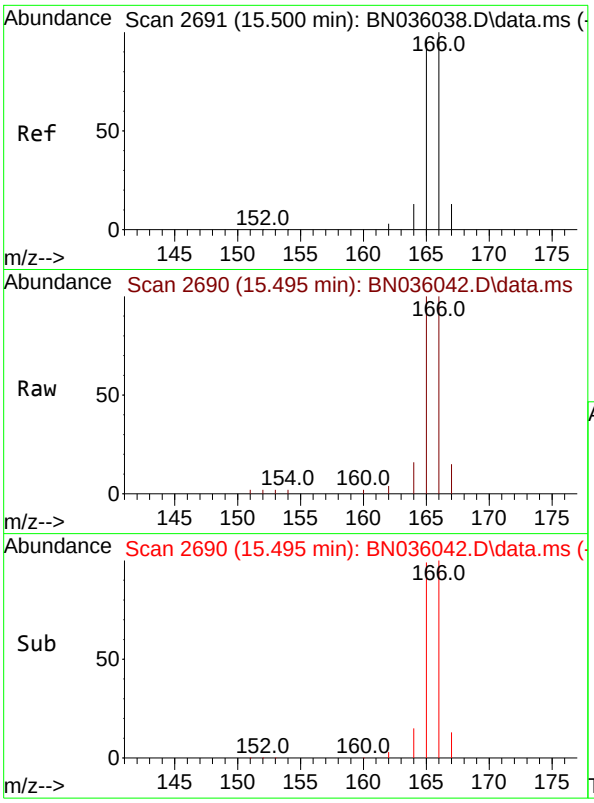


#11
Acenaphthene
Concen: 0.409 ng/ul
RT: 14.510 min Scan# 2477
Delta R.T. -0.005 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:153 Resp: 3914

Ion	Ratio	Lower	Upper
153	100		
152	51.1	43.2	64.8
154	84.7	70.5	105.7



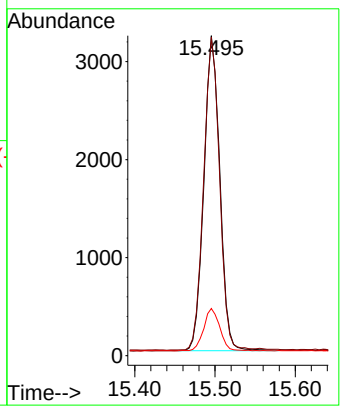


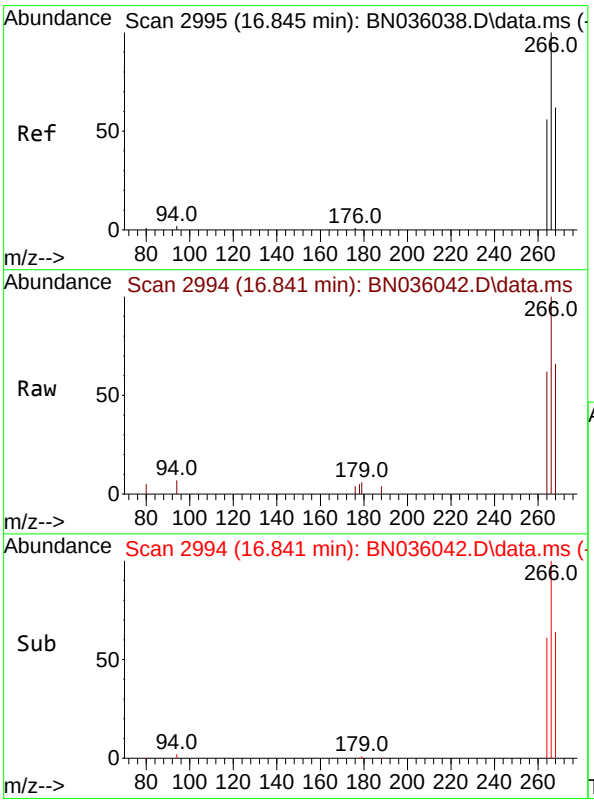
#12
Fluorene
Concen: 0.418 ng/ul
RT: 15.495 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Instrument :
BNA_N
ClientSampleId :
E2944MS

Tgt Ion:166 Resp: 4416

Ion	Ratio	Lower	Upper
166	100		
165	99.5	80.3	120.5
167	14.7	12.3	18.5

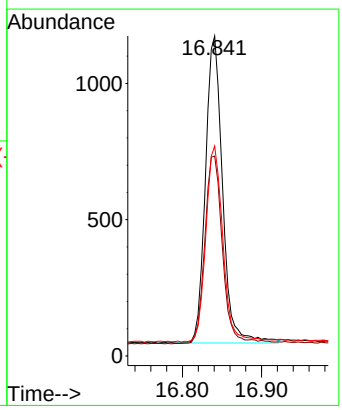


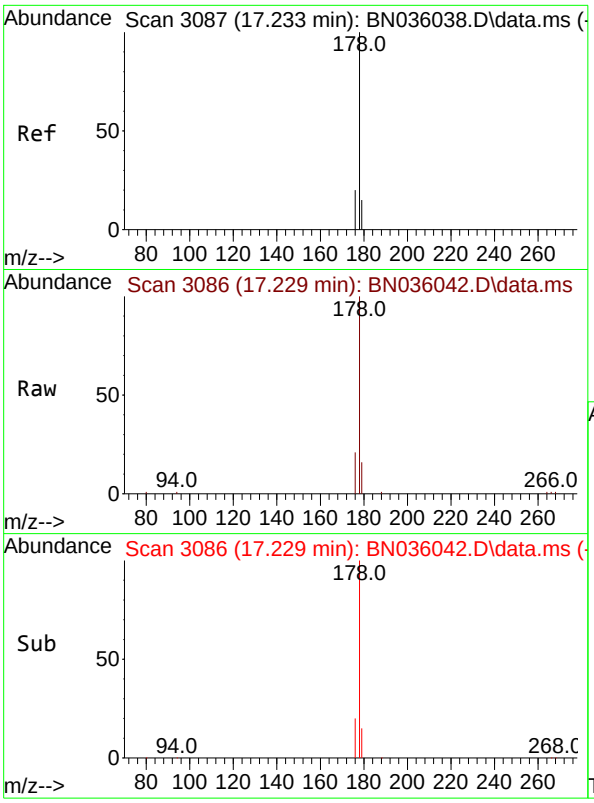


#14
Pentachlorophenol
Concen: 0.932 ng/ul
RT: 16.841 min Scan# 2994
Delta R.T. -0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:266 Resp: 1684

Ion	Ratio	Lower	Upper
266	100		
264	63.5	50.6	75.8
268	64.3	50.6	75.8



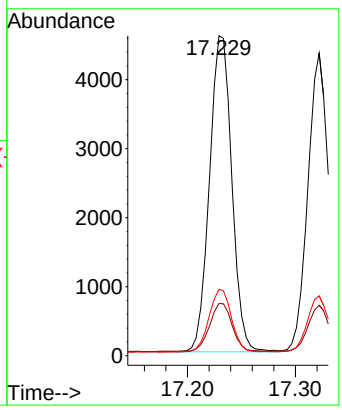


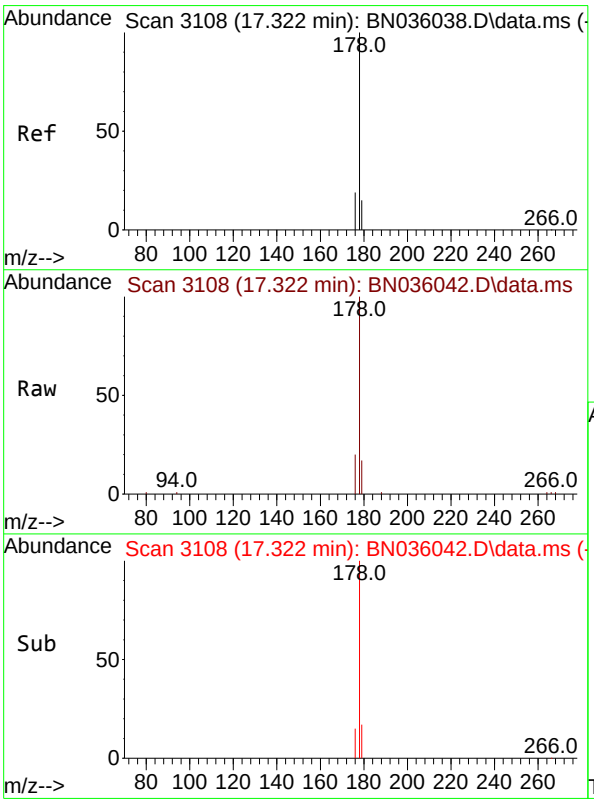
#15
Phenanthrene
Concen: 0.436 ng/ul
RT: 17.229 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Instrument :
BNA_N
ClientSampleId :
E2944MS

Tgt Ion:178 Resp: 6588

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.2	19.8
176	20.7	16.8	25.2

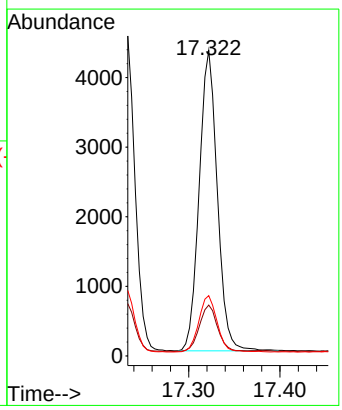


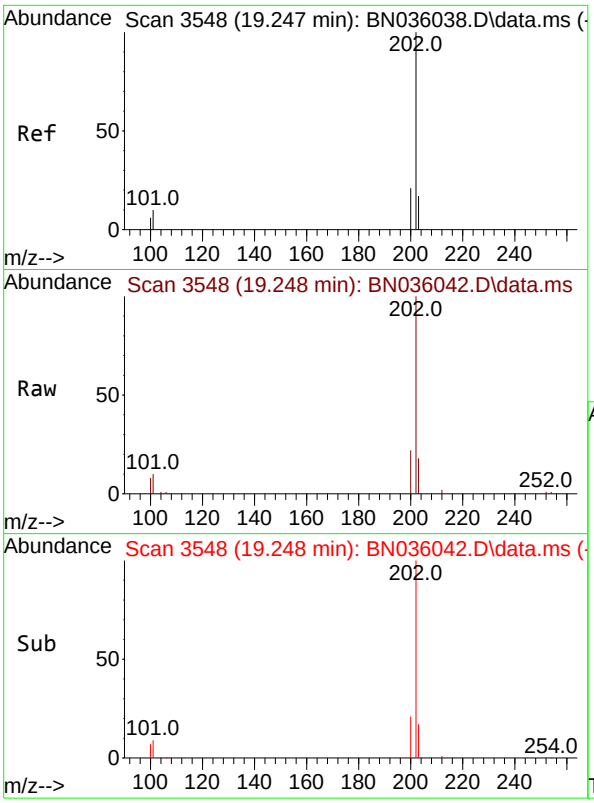


#16
Anthracene
Concen: 0.425 ng/ul
RT: 17.322 min Scan# 3108
Delta R.T. -0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:178 Resp: 5971

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.4
176	19.8	15.9	23.9



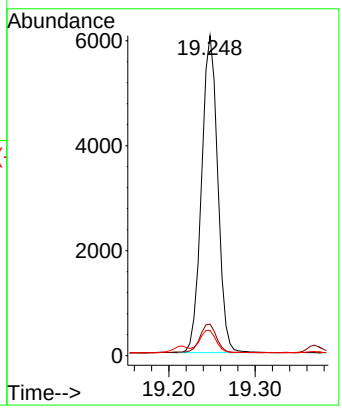


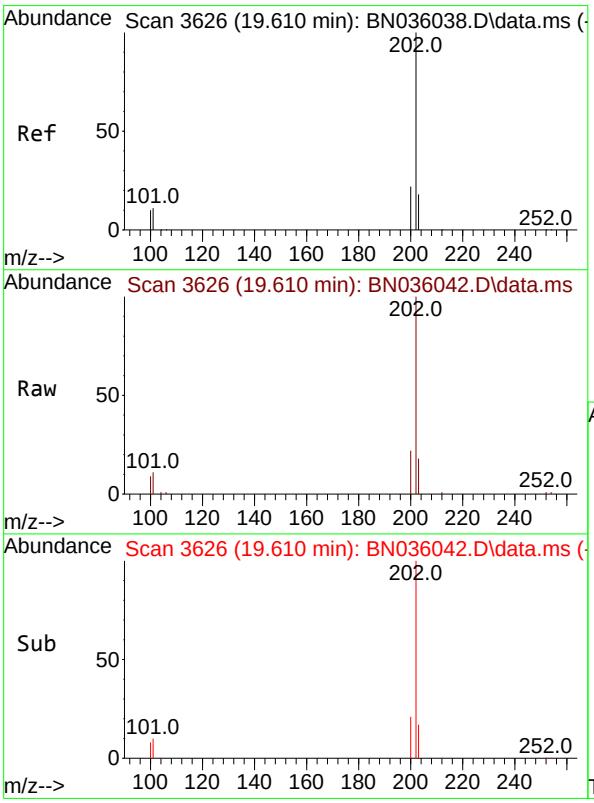
#19
Fluoranthene
Concen: 0.485 ng/ul
RT: 19.248 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Instrument :
BNA_N
ClientSampleId :
E2944MS

Tgt Ion:202 Resp: 7866

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.4	12.6
100	7.9	6.5	9.7

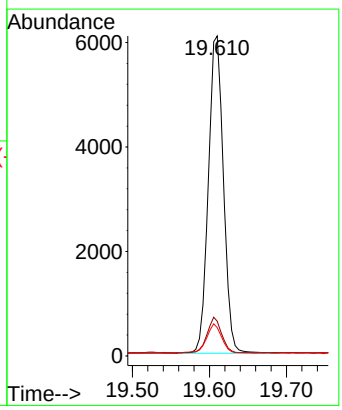


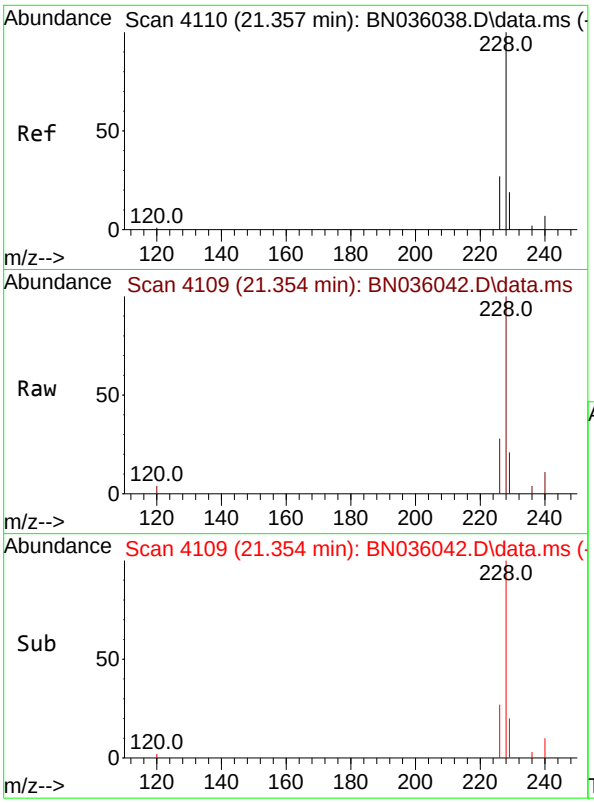


#20
Pyrene
Concen: 0.489 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. 0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:202 Resp: 8266

Ion	Ratio	Lower	Upper
202	100		
101	10.9	9.3	13.9
100	8.8	7.5	11.3



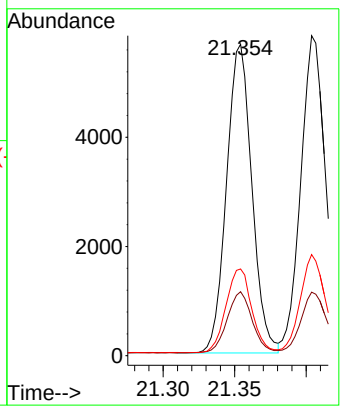


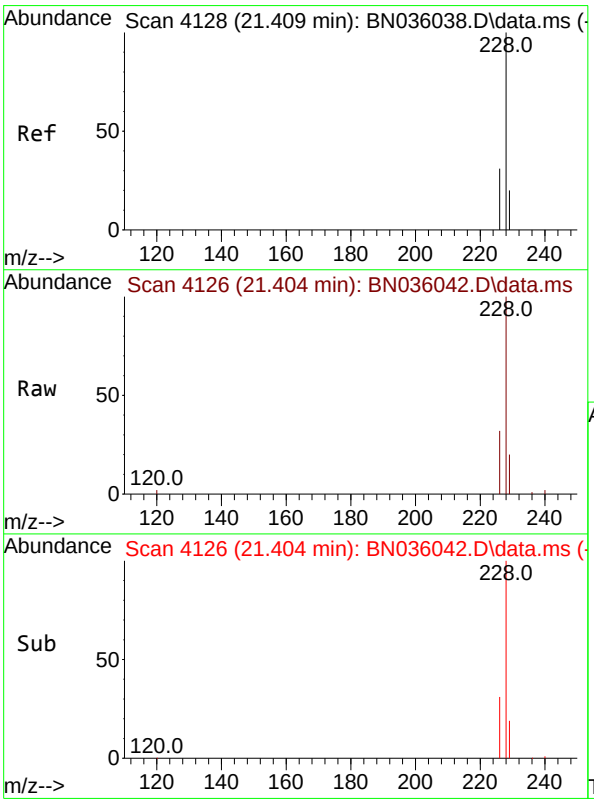
#21
Benzo(a)anthracene
Concen: 0.458 ng/ul
RT: 21.354 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Instrument :
BNA_N
ClientSampleId :
E2944MS

Tgt Ion:228 Resp: 6975

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	27.9	22.8	34.2

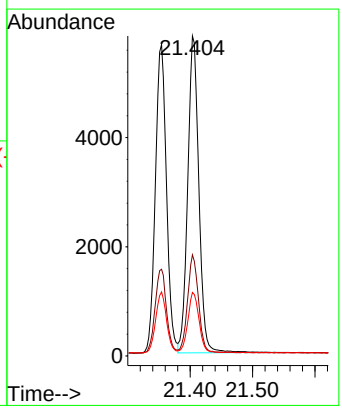


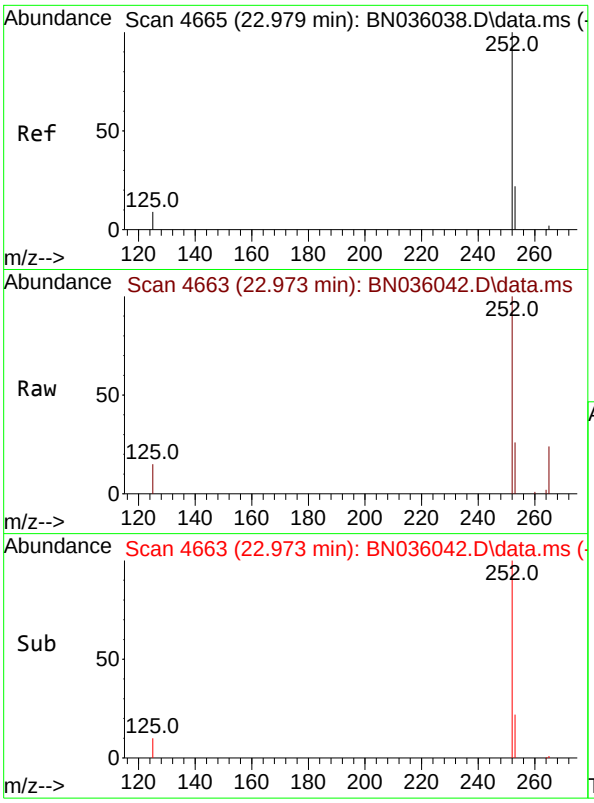


#22
Chrysene
Concen: 0.462 ng/ul
RT: 21.404 min Scan# 4126
Delta R.T. -0.003 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:228 Resp: 7191

Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.4	36.6
229	19.9	15.9	23.9



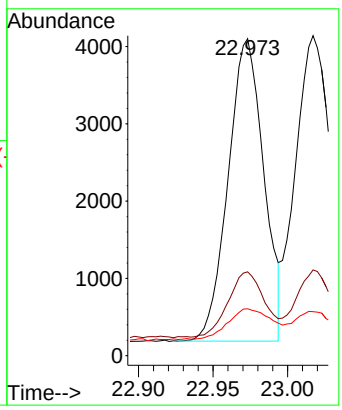


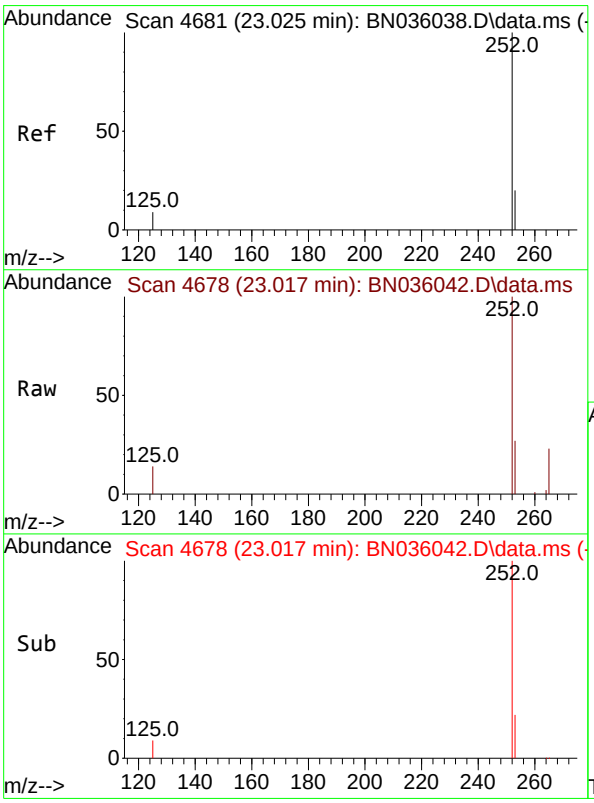
#24
Benzo(b)fluoranthene
Concen: 0.484 ng/ul
RT: 22.973 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Instrument :
BNA_N
ClientSampleId :
E2944MS

Tgt Ion:252 Resp: 6495

Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	51.2
125	14.8	0.0	27.8

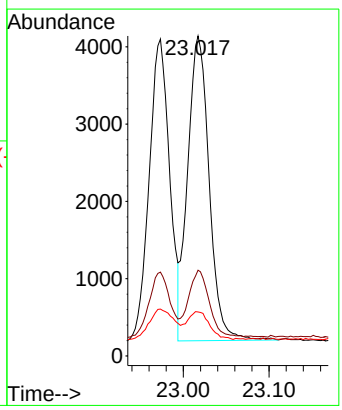


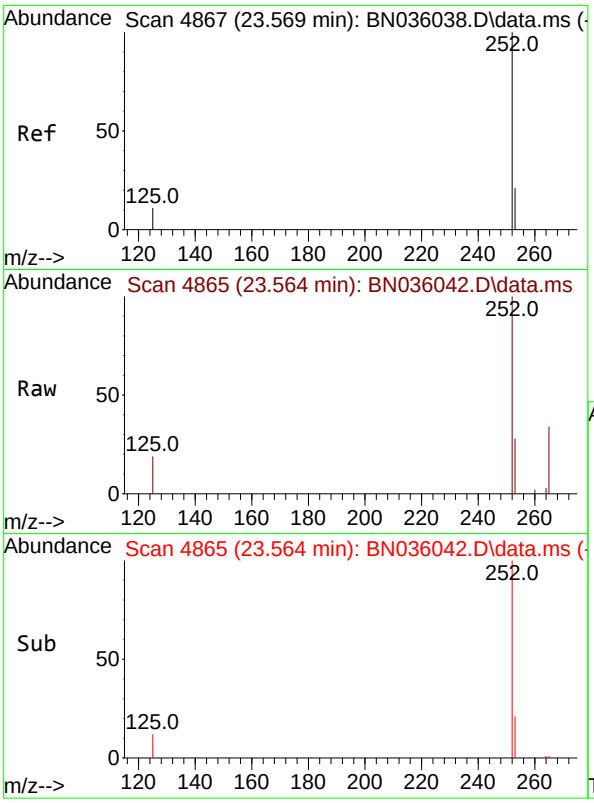


#25
Benzo(k)fluoranthene
Concen: 0.486 ng/ul
RT: 23.017 min Scan# 4678
Delta R.T. -0.003 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:252 Resp: 6860

Ion	Ratio	Lower	Upper
252	100		
253	26.8	20.2	30.4
125	13.8	10.6	16.0



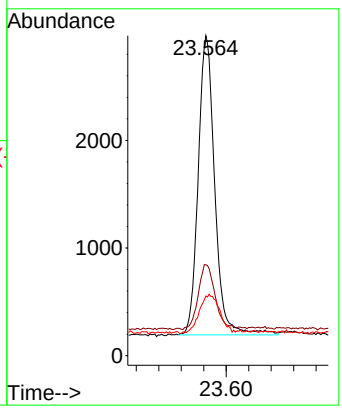


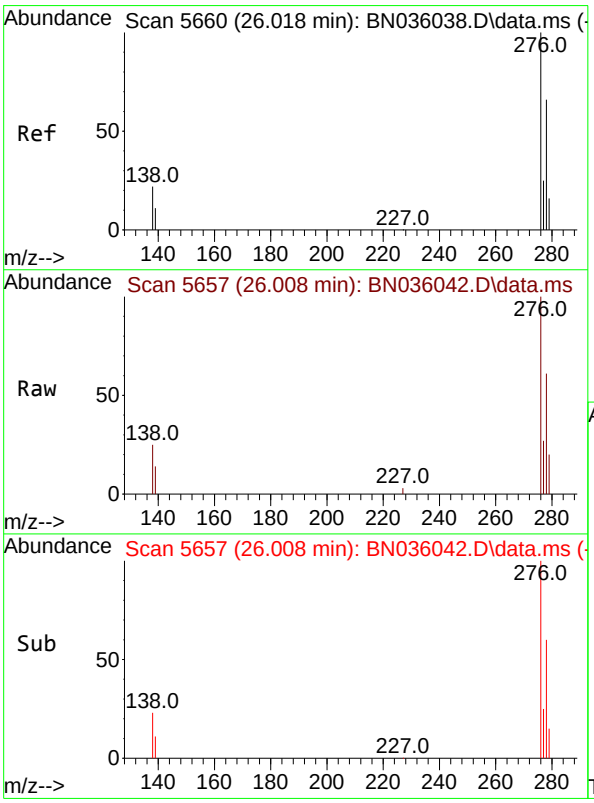
#26
Benzo(a)pyrene
Concen: 0.469 ng/ul
RT: 23.564 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Instrument :
BNA_N
ClientSampleId :
E2944MS

Tgt Ion:252 Resp: 5693

Ion	Ratio	Lower	Upper
252	100		
253	28.4	22.2	33.4
125	18.7	13.1	19.7

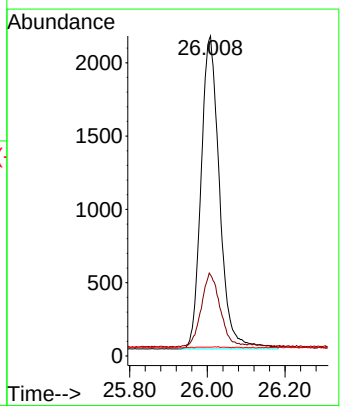


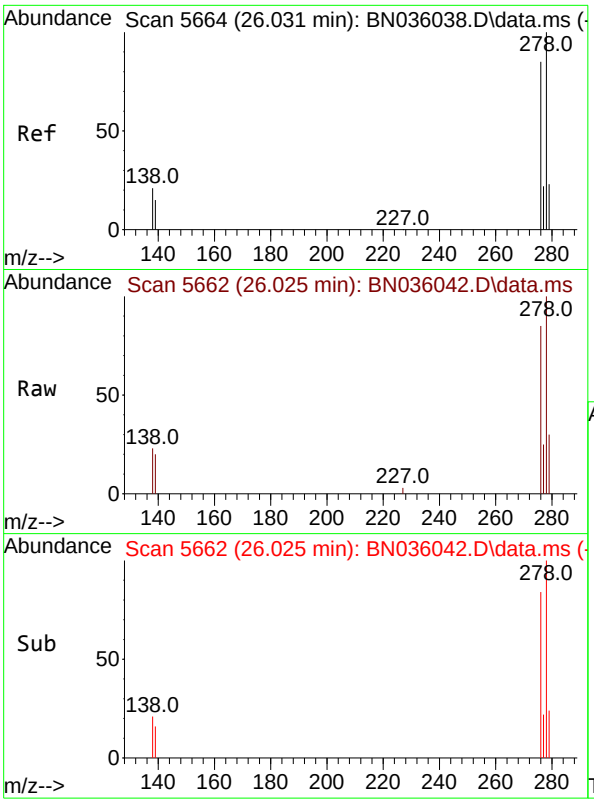


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.439 ng/ul
RT: 26.008 min Scan# 5657
Delta R.T. 0.004 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:276 Resp: 7049

Ion	Ratio	Lower	Upper
276	100		
138	24.3	20.2	30.4
227	0.1	0.1	0.1#



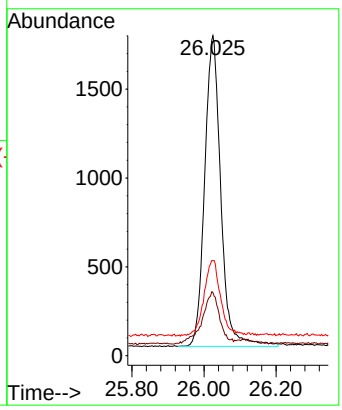


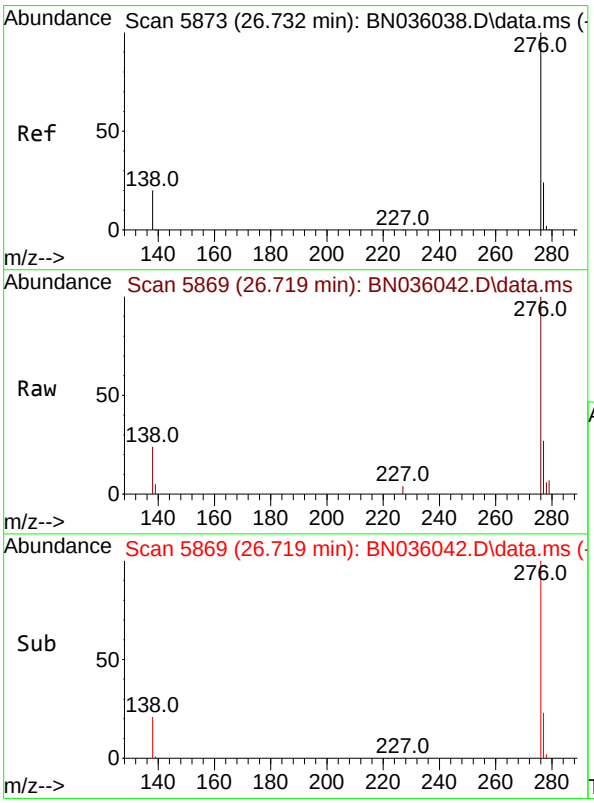
#28
Dibenzo(a,h)anthracene
Concen: 0.439 ng/ul
RT: 26.025 min Scan# 5
Delta R.T. 0.004 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Instrument :
BNA_N
ClientSampleId :
E2944MS

Tgt Ion:278 Resp: 5427

Ion	Ratio	Lower	Upper
278	100		
139	19.8	15.4	23.2
279	29.7	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 0.438 ng/ul
RT: 26.719 min Scan# 5869
Delta R.T. 0.000 min
Lab File: BN036042.D
Acq: 27 Jan 2025 18:25

Tgt Ion:276 Resp: 5458

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.4	29.0
277	26.6	21.1	31.7