Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011725\
Data File : BN035989.D
Acq On : 18 Jan 2025 15:03
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Quant Time: Jan 19 23:54:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN123124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 10:40:45 2025
Response via : Initial Calibration

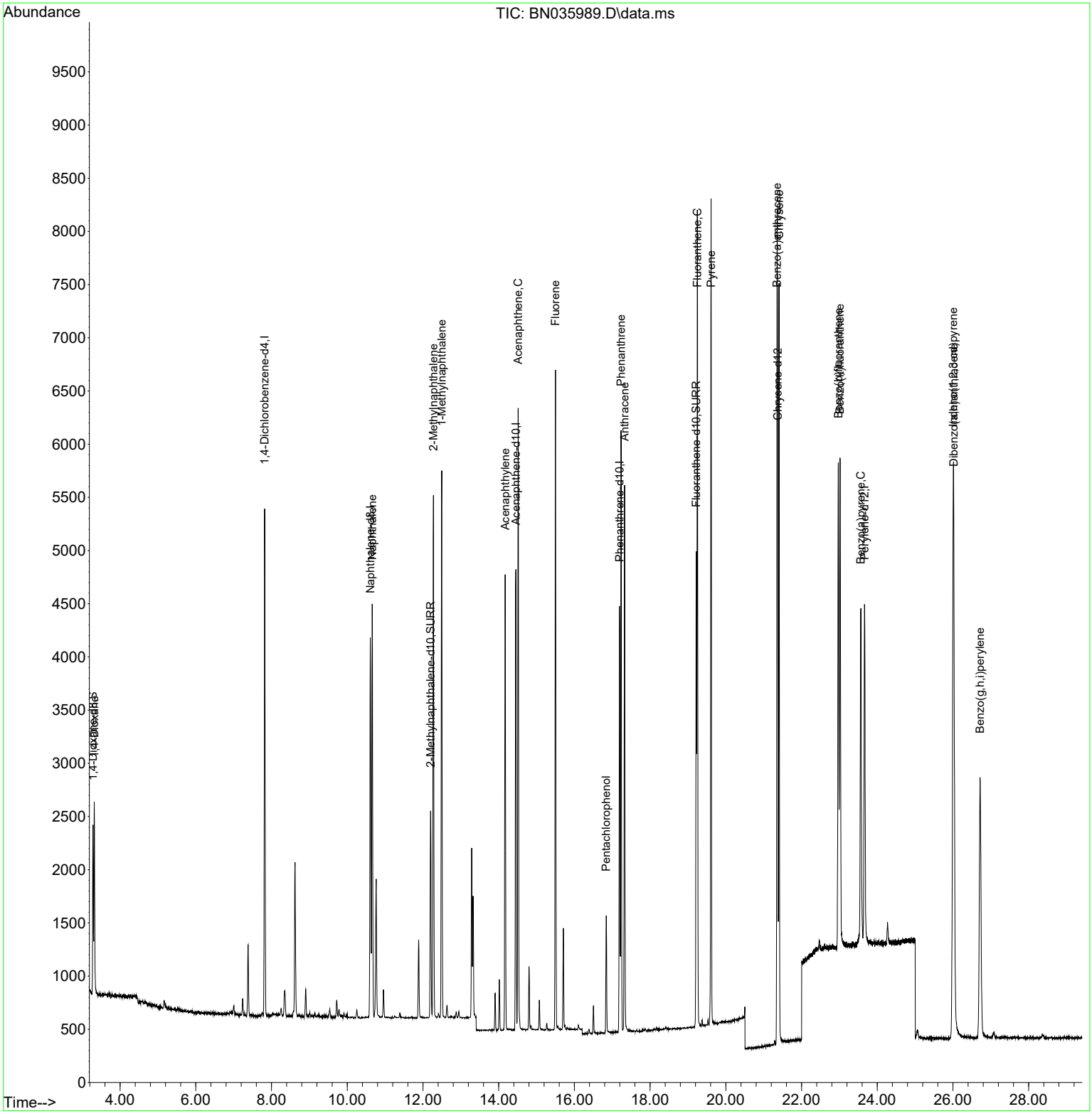
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.820	152	2266	0.400	ng/ul	0.00
4) Naphthalene-d8	10.609	136	4565	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.454	164	2351	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.191	188	4761	0.400	ng/ul	-0.01
17) Chrysene-d12	21.371	240	4103	0.400	ng/ul	0.00
23) Perylene-d12	23.663	264	4317	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	960	0.420	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.204	152	2418	0.407	ng/ul	0.00
18) Fluoranthene-d10	19.219	212	4678	0.431	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	1100	0.442	ng/ul#	85
5) Naphthalene	10.659	128	5102	0.420	ng/ul	99
7) 2-Methylnaphthalene	12.276	142	3163	0.410	ng/ul	99
8) 1-Methylnaphthalene	12.496	142	3218	0.414	ng/ul	99
10) Acenaphthylene	14.172	152	4632	0.421	ng/ul	98
11) Acenaphthene	14.514	153	3218	0.419	ng/ul	98
12) Fluorene	15.500	166	3617	0.439	ng/ul	98
14) Pentachlorophenol	16.841	266	710	0.622	ng/ul	97
15) Phenanthrene	17.233	178	5653	0.431	ng/ul	99
16) Anthracene	17.326	178	5214	0.411	ng/ul	99
19) Fluoranthene	19.247	202	6304	0.441	ng/ul	98
20) Pyrene	19.610	202	6464	0.434	ng/ul	98
21) Benzo(a)anthracene	21.354	228	5887	0.419	ng/ul	100
22) Chrysene	21.406	228	5996	0.430	ng/ul	99
24) Benzo(b)fluoranthene	22.973	252	5724	0.440	ng/ul	99
25) Benzo(k)fluoranthene	23.017	252	6208	0.465	ng/ul	98
26) Benzo(a)pyrene	23.566	252	4897	0.401	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.008	276	6879	0.435	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.021	278	5364	0.431	ng/ul	99
29) Benzo(g,h,i)perylene	26.715	276	5326	0.425	ng/ul	99

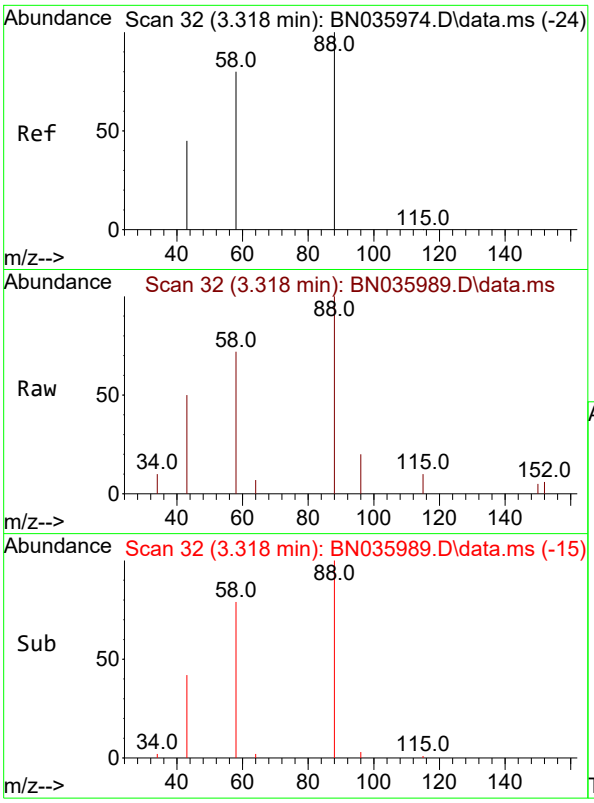
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011725\
Data File : BN035989.D
Acq On : 18 Jan 2025 15:03
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Quant Time: Jan 19 23:54:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN123124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 14 10:40:45 2025
Response via : Initial Calibration



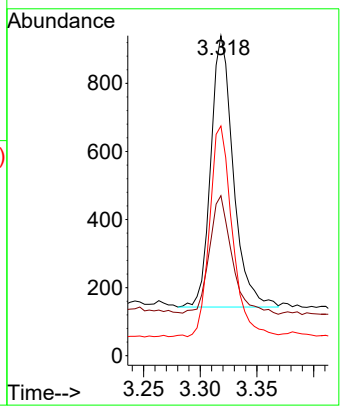


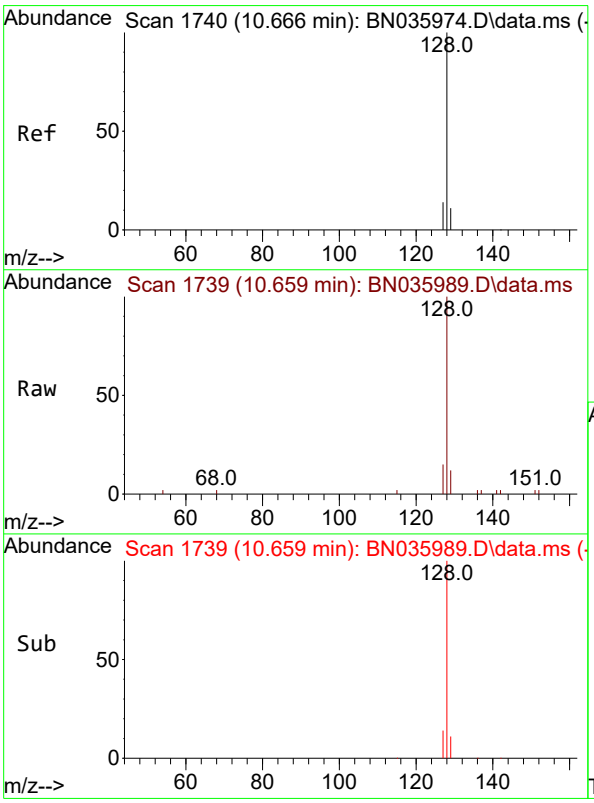
#2
1,4-Dioxane
Concen: 0.442 ng/ul
RT: 3.318 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion: 88 Resp: 1100

Ion	Ratio	Lower	Upper
88	100		
43	50.0	57.8	86.8#
58	71.8	60.0	90.0

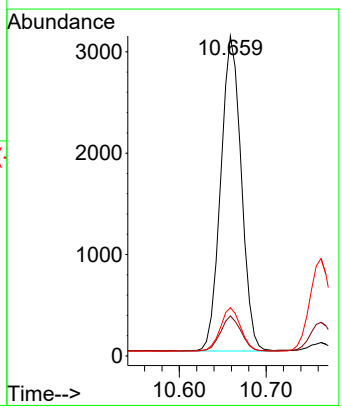


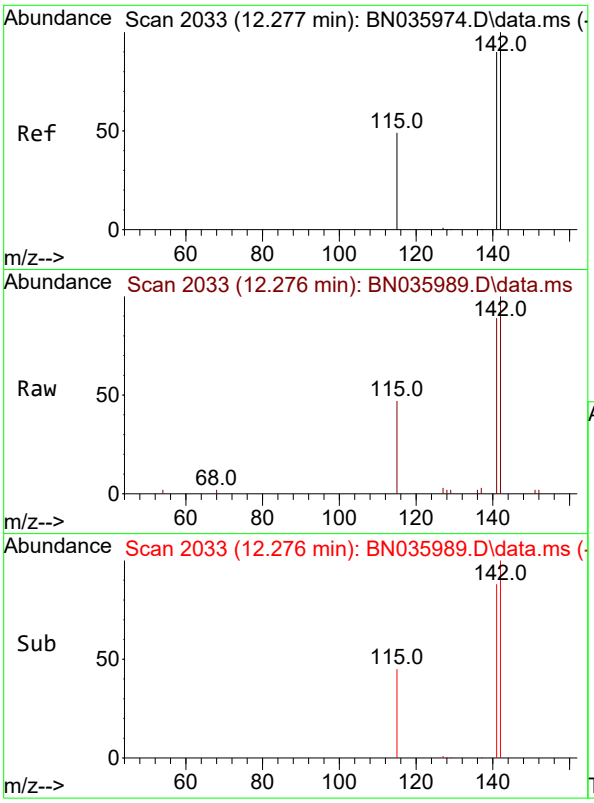


#5
Naphthalene
Concen: 0.420 ng/ul
RT: 10.659 min Scan# 1739
Delta R.T. -0.012 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Tgt Ion:128 Resp: 5102

Ion	Ratio	Lower	Upper
128	100		
129	12.5	10.6	16.0
127	15.1	12.0	18.0



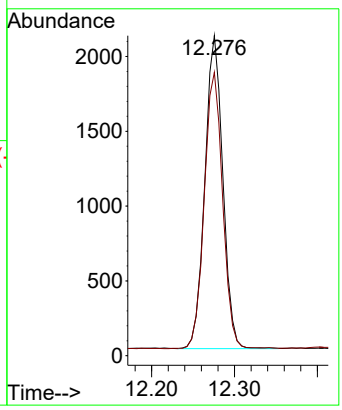


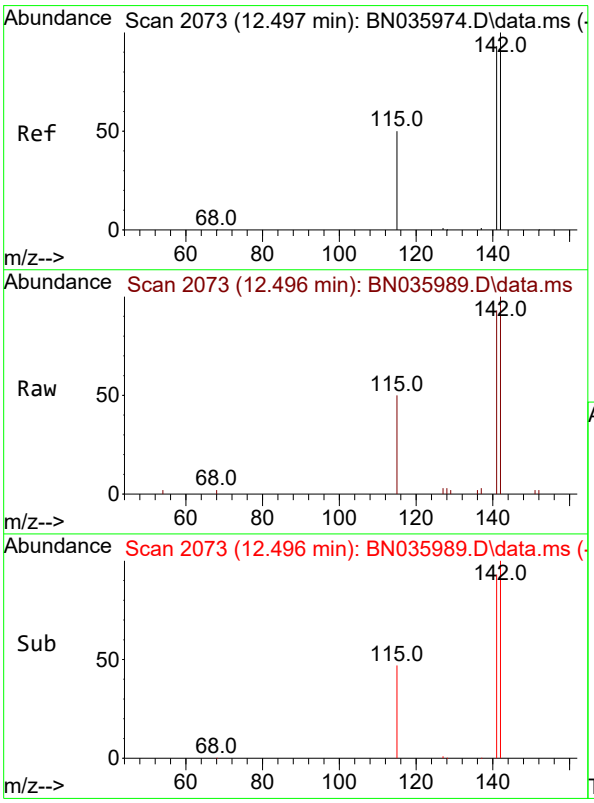
#7
2-Methylnaphthalene
Concen: 0.410 ng/ul
RT: 12.276 min Scan# 2
Delta R.T. -0.012 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:142 Resp: 3163

Ion	Ratio	Lower	Upper
142	100		
141	90.1	72.6	109.0

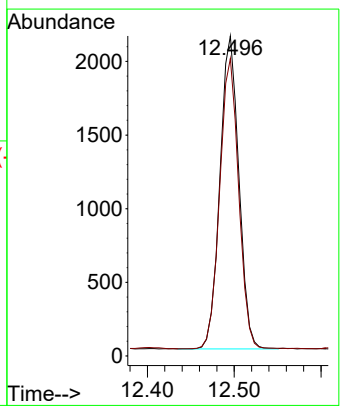


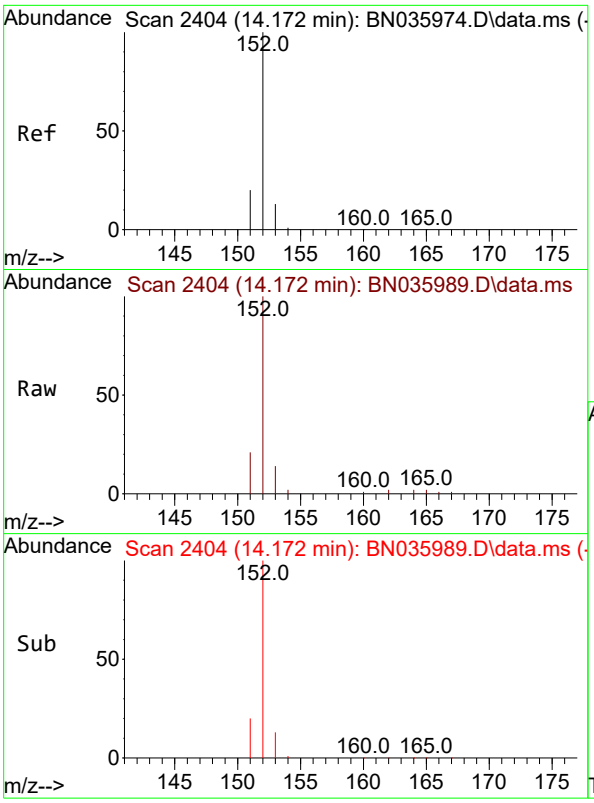


#8
1-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.496 min Scan# 2073
Delta R.T. -0.012 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Tgt Ion:142 Resp: 3218

Ion	Ratio	Lower	Upper
142	100		
141	92.9	75.1	112.7



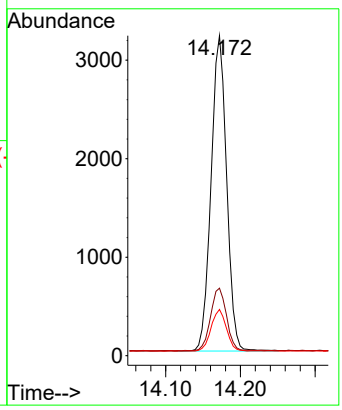


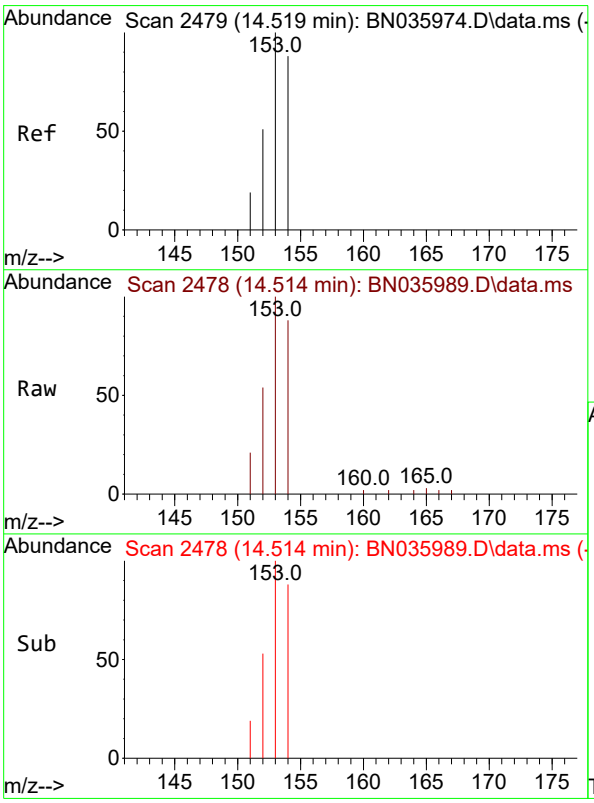
#10
Acenaphthylene
Concen: 0.421 ng/ul
RT: 14.172 min Scan# 24
Delta R.T. -0.010 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:152 Resp: 4632

Ion	Ratio	Lower	Upper
152	100		
151	21.1	17.8	26.6
153	14.5	11.9	17.9

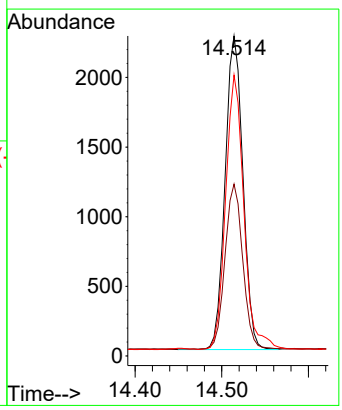


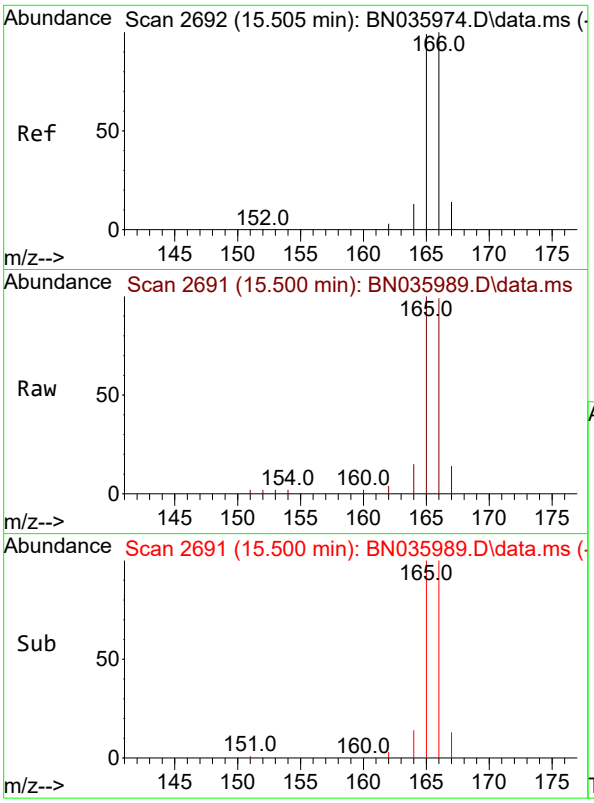


#11
Acenaphthene
Concen: 0.419 ng/ul
RT: 14.514 min Scan# 2478
Delta R.T. -0.010 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Tgt Ion:153 Resp: 3218

Ion	Ratio	Lower	Upper
153	100		
152	53.7	40.6	60.8
154	87.8	69.4	104.0



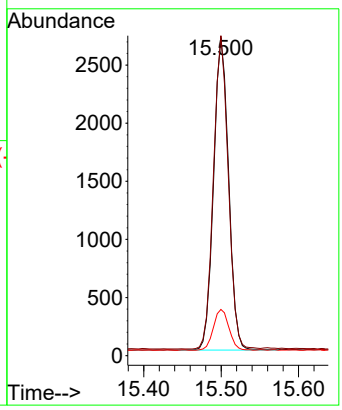


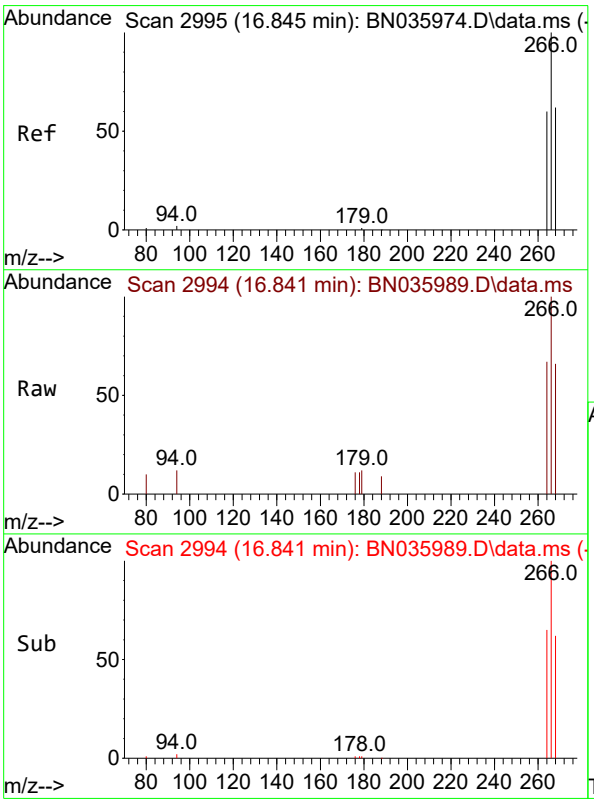
#12
Fluorene
Concen: 0.439 ng/ul
RT: 15.500 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:166 Resp: 3617

Ion	Ratio	Lower	Upper
166	100		
165	100.6	79.0	118.6
167	14.5	12.2	18.4

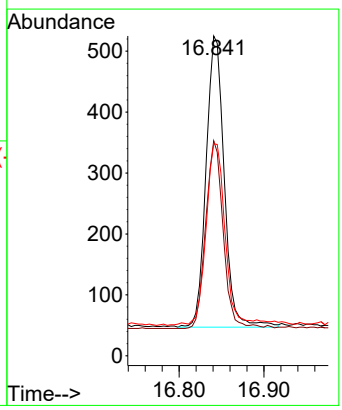


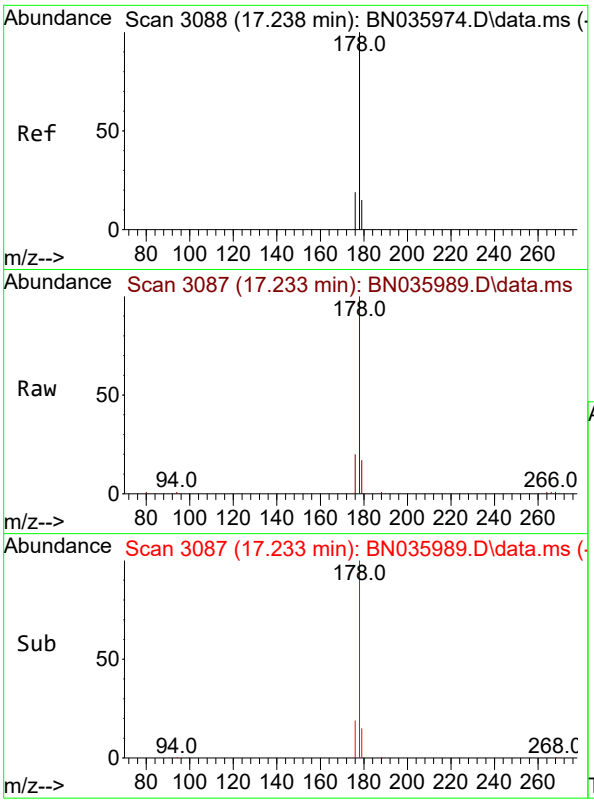


#14
Pentachlorophenol
Concen: 0.622 ng/ul
RT: 16.841 min Scan# 2994
Delta R.T. -0.008 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Tgt Ion:266 Resp: 710

Ion	Ratio	Lower	Upper
266	100		
264	61.8	50.1	75.1
268	66.2	55.5	83.3



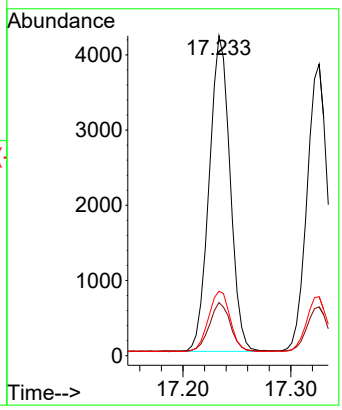


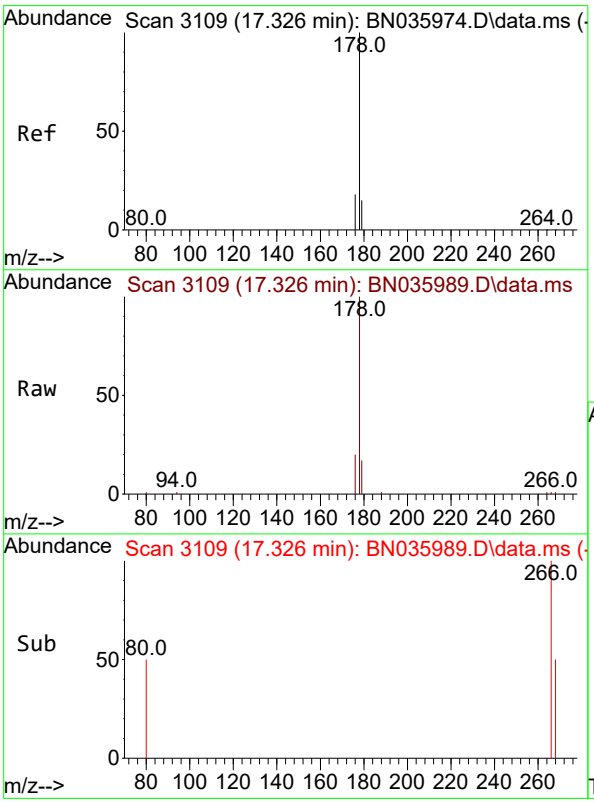
#15
Phenanthrene
Concen: 0.431 ng/ul
RT: 17.233 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:178 Resp: 5653

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.4	20.0
176	20.2	16.8	25.2

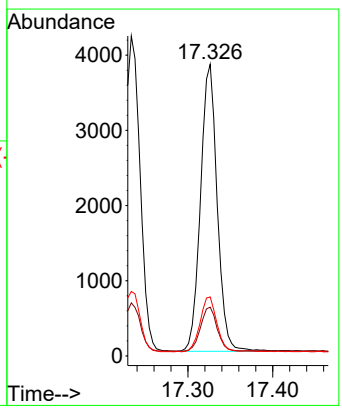


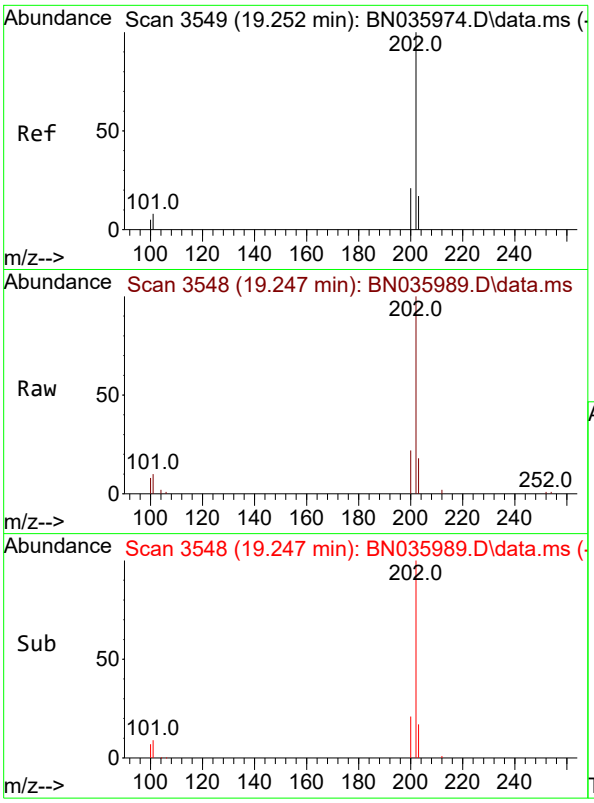


#16
Anthracene
Concen: 0.411 ng/ul
RT: 17.326 min Scan# 3109
Delta R.T. -0.008 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Tgt Ion:178 Resp: 5214

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.8	20.8
176	20.2	16.3	24.5



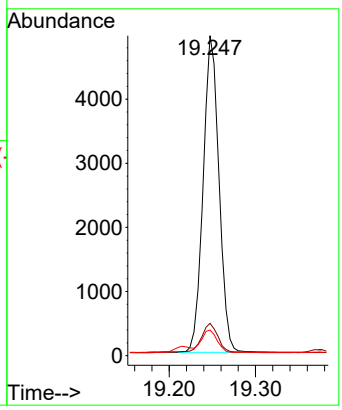


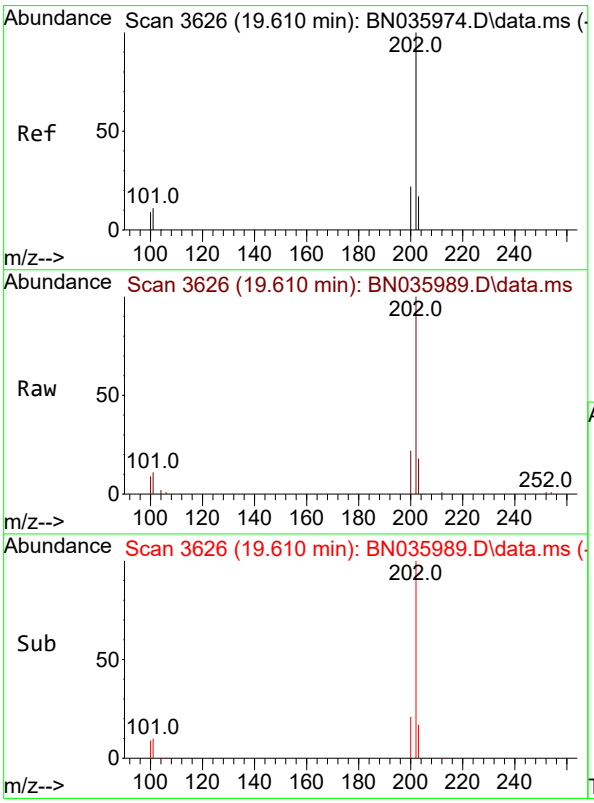
#19
Fluoranthene
Concen: 0.441 ng/ul
RT: 19.247 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:202 Resp: 6304

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.7	13.1
100	8.0	7.1	10.7

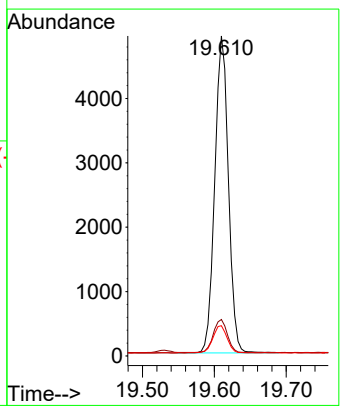


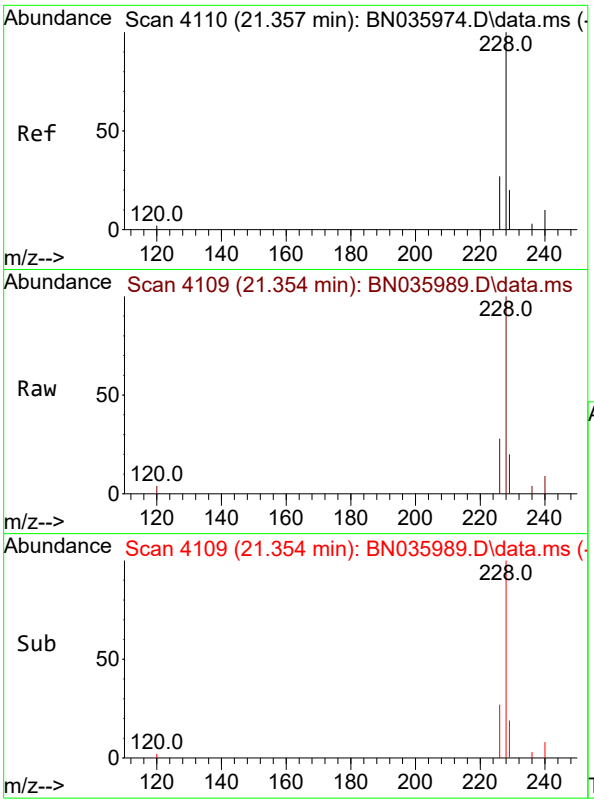


#20
Pyrene
Concen: 0.434 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. -0.009 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Tgt Ion:202 Resp: 6464

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.8	14.6
100	9.5	8.2	12.2





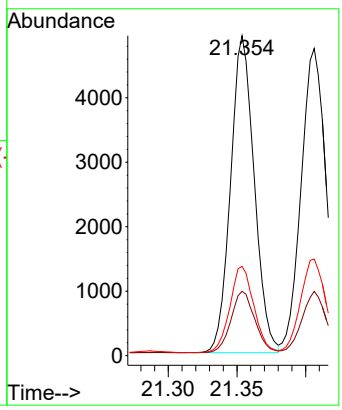
#21
Benzo(a)anthracene
Concen: 0.419 ng/ul
RT: 21.354 min Scan# 4

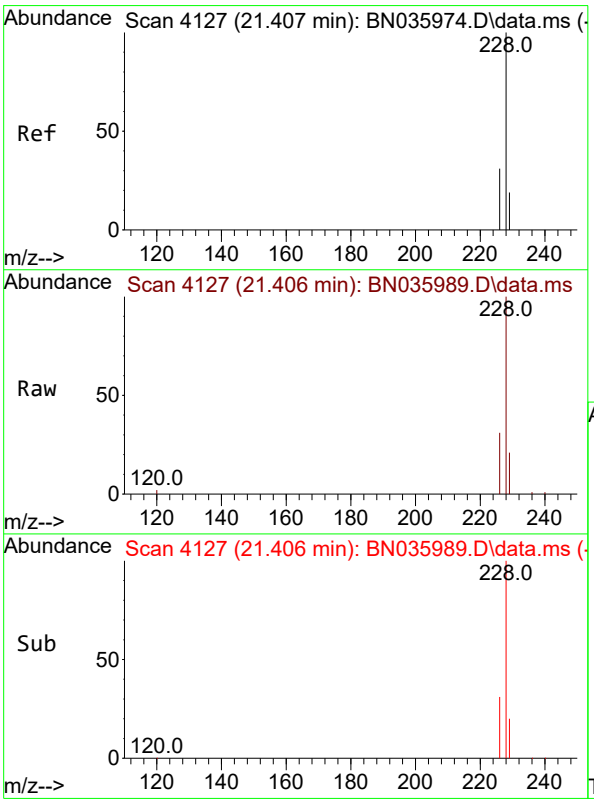
Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Delta R.T. -0.009 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Tgt Ion:228 Resp: 5887

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.8	23.8
226	27.9	22.4	33.6

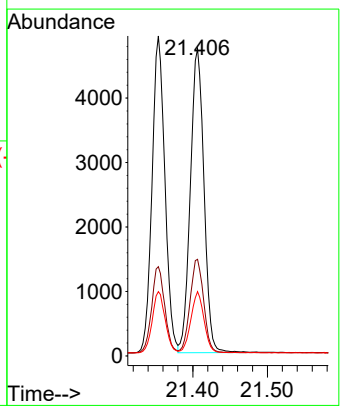


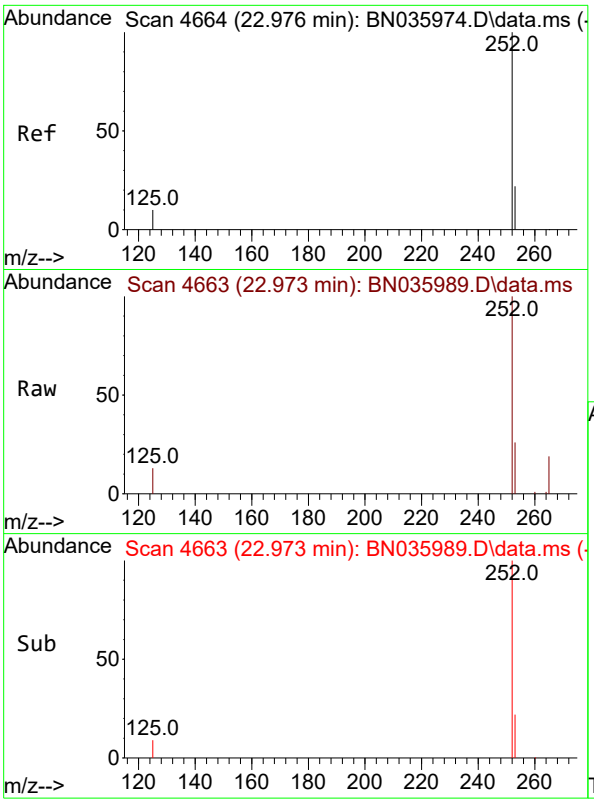


#22
Chrysene
Concen: 0.430 ng/ul
RT: 21.406 min Scan# 4127
Delta R.T. -0.009 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Tgt Ion:228 Resp: 5996

Ion	Ratio	Lower	Upper
228	100		
226	31.5	25.3	37.9
229	20.9	15.9	23.9



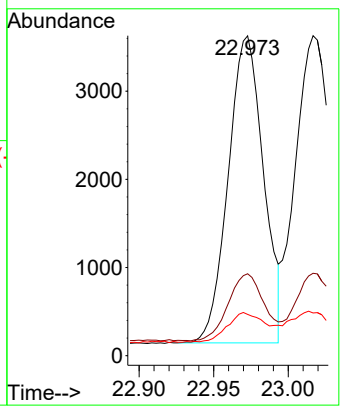


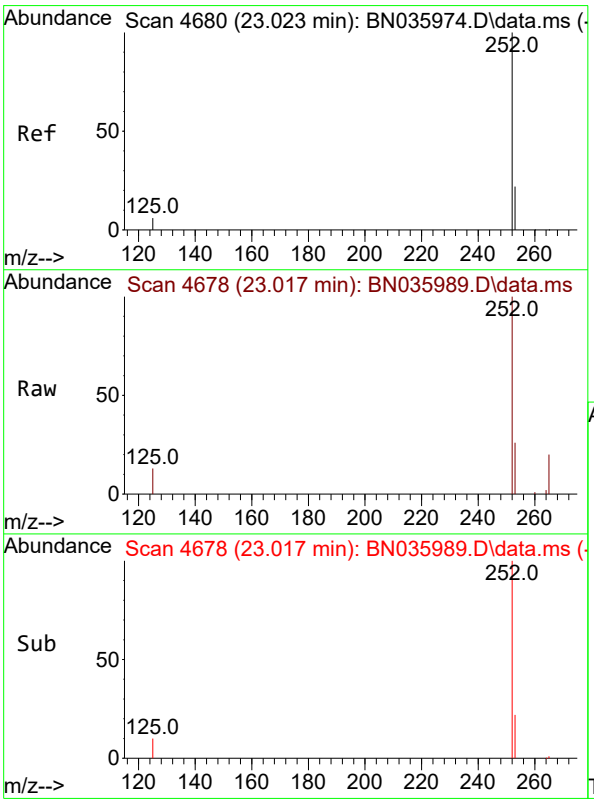
#24
Benzo(b)fluoranthene
Concen: 0.440 ng/ul
RT: 22.973 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:252 Resp: 5724

Ion	Ratio	Lower	Upper
252	100		
253	25.6	0.0	49.4
125	12.9	0.0	26.4

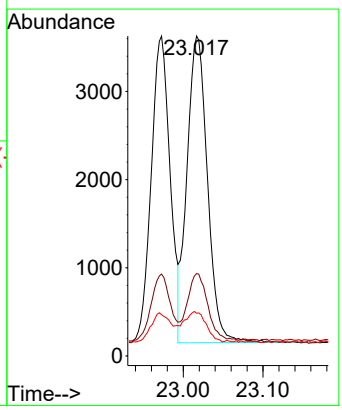


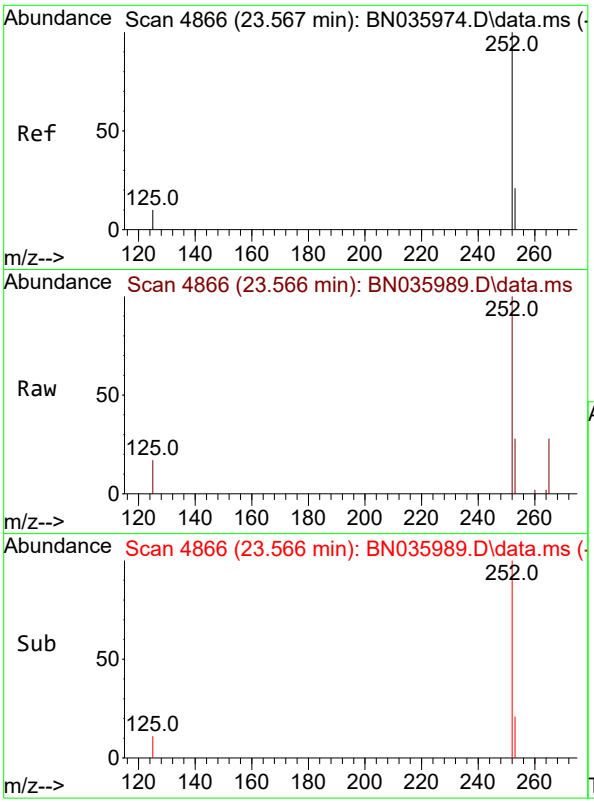


#25
Benzo(k)fluoranthene
Concen: 0.465 ng/ul
RT: 23.017 min Scan# 4678
Delta R.T. -0.015 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Tgt Ion:252 Resp: 6208

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.8	29.8
125	13.4	11.4	17.0



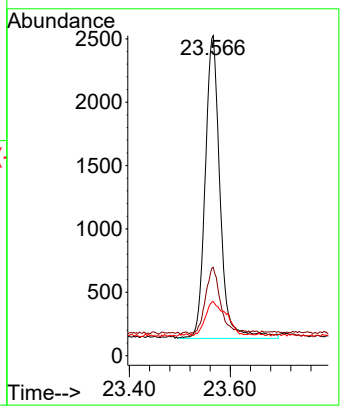


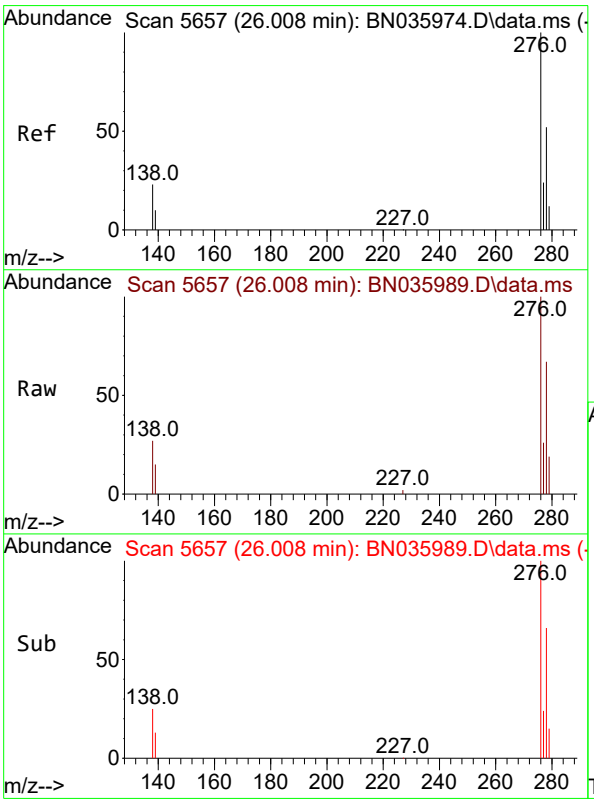
#26
Benzo(a)pyrene
Concen: 0.401 ng/ul
RT: 23.566 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:252 Resp: 4897

Ion	Ratio	Lower	Upper
252	100		
253	27.6	20.2	30.4
125	17.0	12.2	18.4

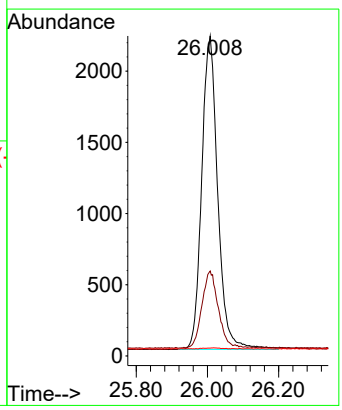


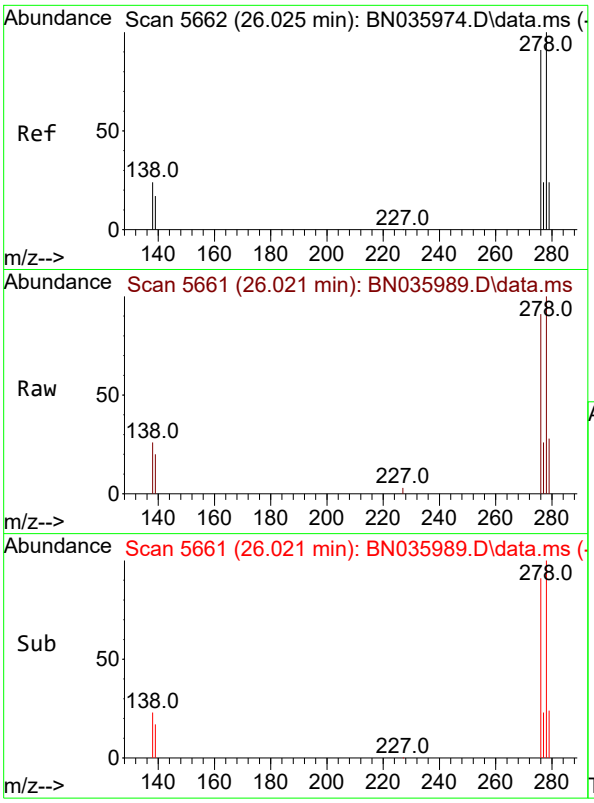


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.435 ng/ul
RT: 26.008 min Scan# 5657
Delta R.T. -0.020 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Tgt Ion:276 Resp: 6879

Ion	Ratio	Lower	Upper
276	100		
138	25.6	0.1	0.1#
227	0.3	0.0	0.0#



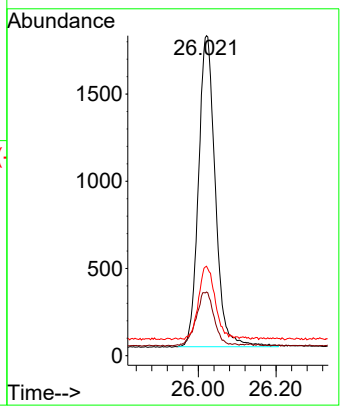


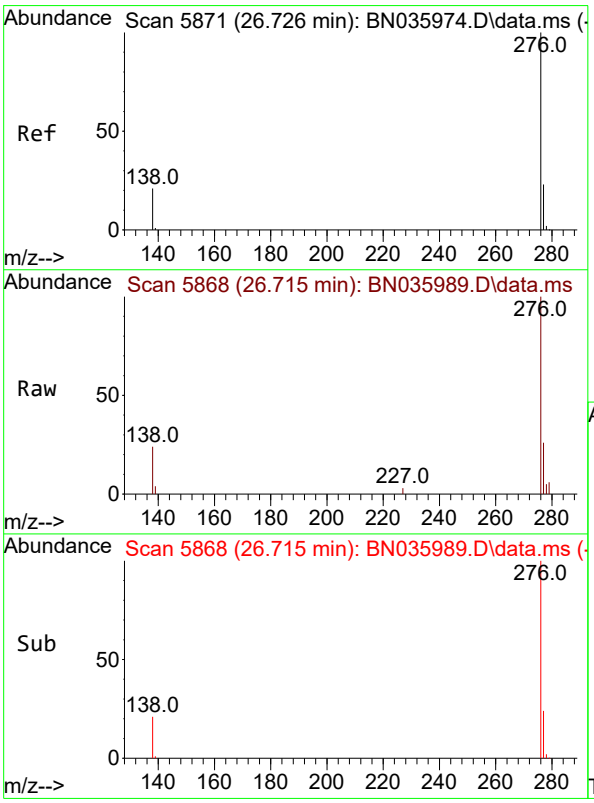
#28
Dibenzo(a,h)anthracene
Concen: 0.431 ng/ul
RT: 26.021 min Scan# 5
Delta R.T. -0.027 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:278 Resp: 5364

Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.5	23.3
279	28.0	22.8	34.2





#29
Benzo(g,h,i)perylene
Concen: 0.425 ng/ul
RT: 26.715 min Scan# 5868
Delta R.T. -0.023 min
Lab File: BN035989.D
Acq: 18 Jan 2025 15:03

Tgt Ion:276 Resp: 5326

Ion	Ratio	Lower	Upper
276	100		
138	23.7	19.9	29.9
277	26.3	21.0	31.6