Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011725\
Data File : BN035985.D
Acq On : 18 Jan 2025 12:03
Operator : RC/JU
Sample : PB166121BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS121

Quant Time: Jan 19 23:54:08 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	2820	0.400	ng/ul	0.00
4) Naphthalene-d8	10.611	136	5640	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.454	164	2819	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.195	188	5571	0.400	ng/ul	0.00
17) Chrysene-d12	21.371	240	4807	0.400	ng/ul	0.00
23) Perylene-d12	23.669	264	4922	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	2217	0.780	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.205	152	3174	0.433	ng/ul	0.00
18) Fluoranthene-d10	19.219	212	5849	0.460	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	6257	2.021	ng/ul#	81
5) Naphthalene	10.660	128	6602	0.440	ng/ul	99
7) 2-Methylnaphthalene	12.277	142	3952	0.415	ng/ul	100
8) 1-Methylnaphthalene	12.497	142	3978	0.414	ng/ul	100
10) Acenaphthylene	14.172	152	5354	0.406	ng/ul	99
11) Acenaphthene	14.515	153	4029	0.437	ng/ul	98
12) Fluorene	15.500	166	4298	0.435	ng/ul	98
14) Pentachlorophenol	16.841	266	1556	1.165	ng/ul	96
15) Phenanthrene	17.233	178	6763	0.441	ng/ul	100
16) Anthracene	17.326	178	6233	0.420	ng/ul	99
19) Fluoranthene	19.247	202	7562	0.452	ng/ul	99
20) Pyrene	19.610	202	7798	0.447	ng/ul	99
21) Benzo(a)anthracene	21.357	228	6968	0.424	ng/ul	100
22) Chrysene	21.406	228	7233	0.443	ng/ul	99
24) Benzo(b)fluoranthene	22.973	252	6845	0.462	ng/ul	98
25) Benzo(k)fluoranthene	23.020	252	7340	0.483	ng/ul	99
26) Benzo(a)pyrene	23.566	252	6217	0.447	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.007	276	8081	0.448	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.024	278	6270	0.442	ng/ul	99
29) Benzo(g,h,i)perylene	26.719	276	6174	0.432	ng/ul	99

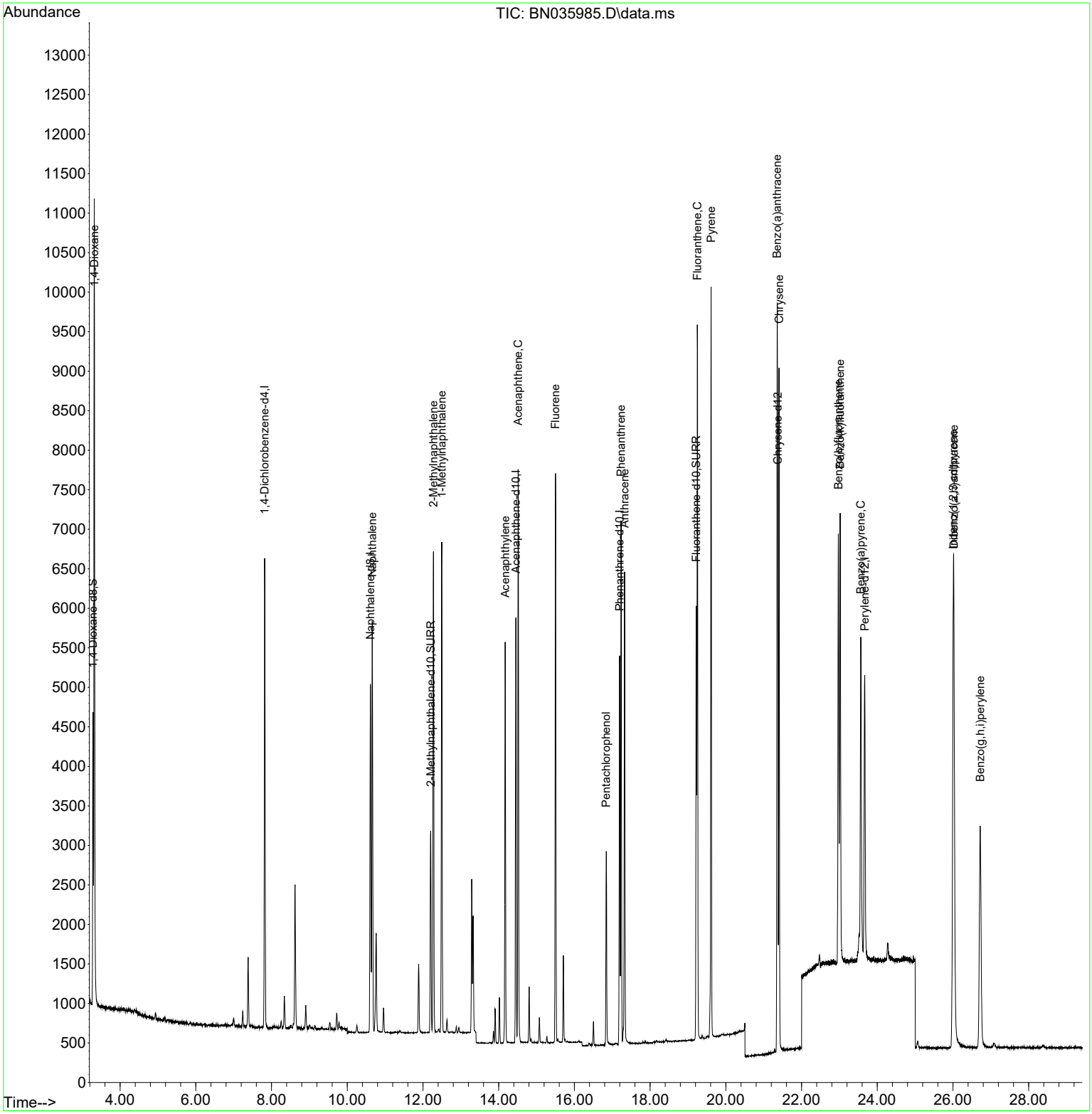
(#) = qualifier out of range (m) = manual integration (+) = signals summed

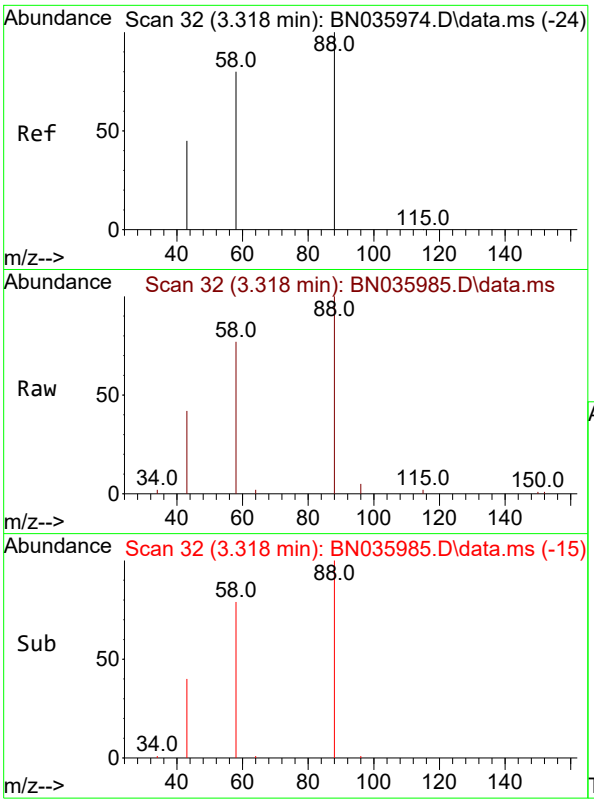
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011725\
Data File : BN035985.D
Acq On : 18 Jan 2025 12:03
Operator : RC/JU
Sample : PB166121BS
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS121

Quant Time: Jan 19 23:54:08 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



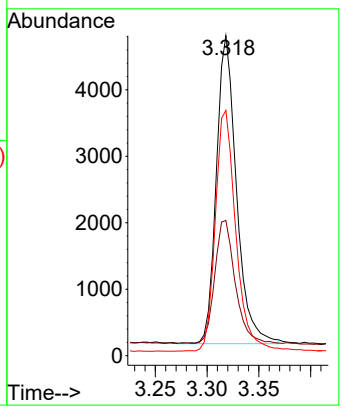


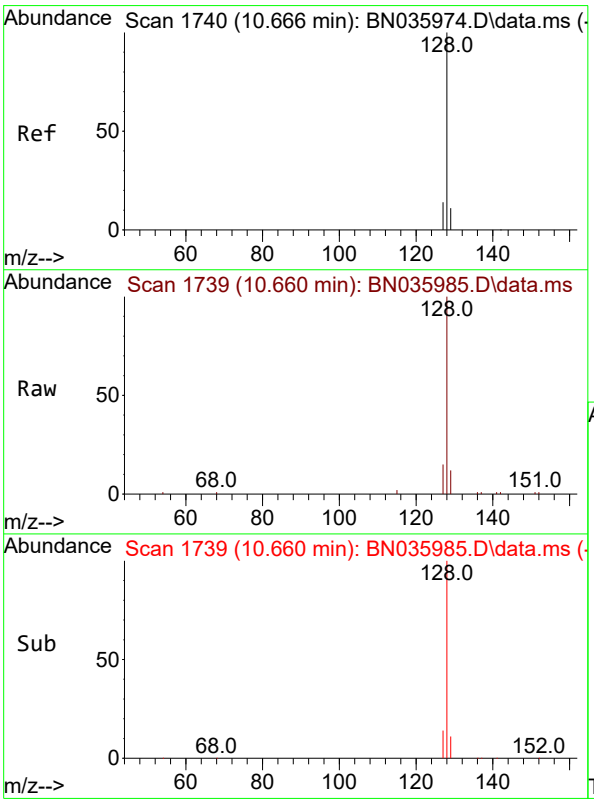
#2
1,4-Dioxane
Concen: 2.021 ng/ul
RT: 3.318 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Instrument :
BNA_N
ClientSampleId :
SLCS121

Tgt Ion: 88 Resp: 6257

Ion	Ratio	Lower	Upper
88	100		
43	42.3	57.8	86.8#
58	76.6	60.0	90.0

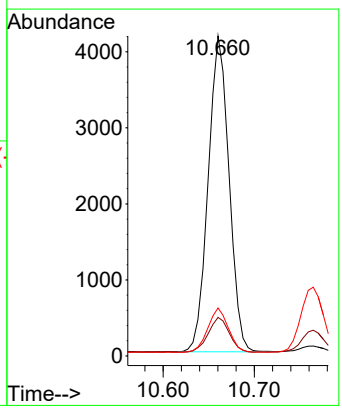


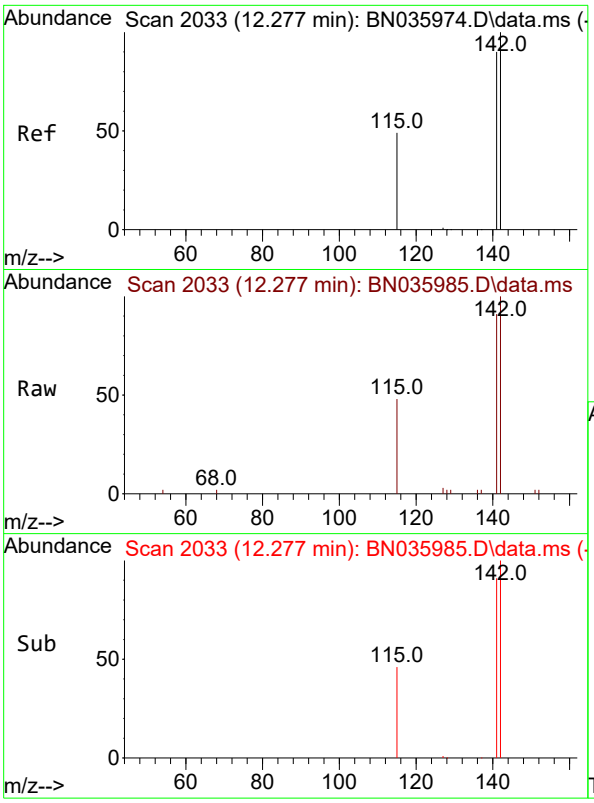


#5
Naphthalene
Concen: 0.440 ng/ul
RT: 10.660 min Scan# 1739
Delta R.T. -0.011 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Tgt Ion:128 Resp: 6602

Ion	Ratio	Lower	Upper
128	100		
129	12.0	10.6	16.0
127	15.0	12.0	18.0



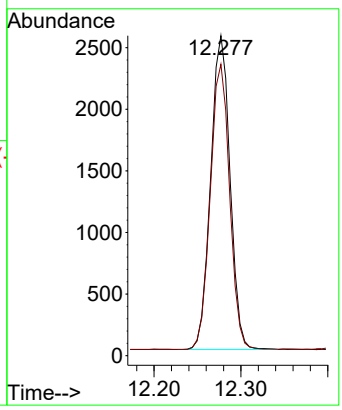


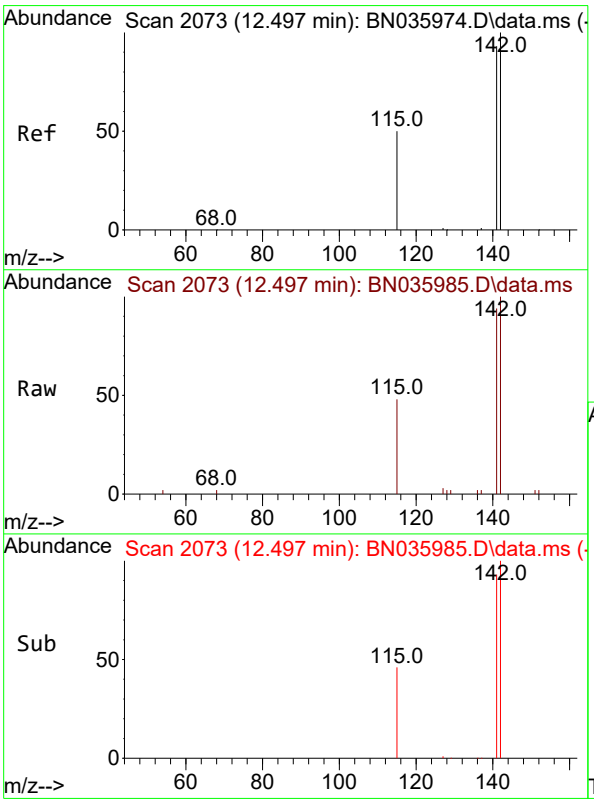
#7
2-Methylnaphthalene
Concen: 0.415 ng/ul
RT: 12.277 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Instrument :
BNA_N
ClientSampleId :
SLCS121

Tgt Ion:142 Resp: 3952

Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.6	109.0

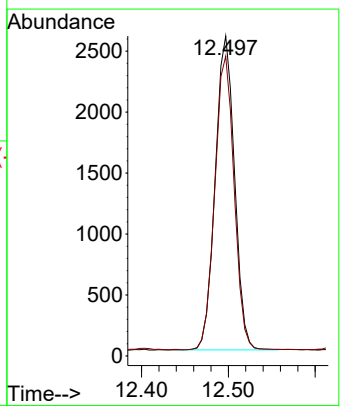


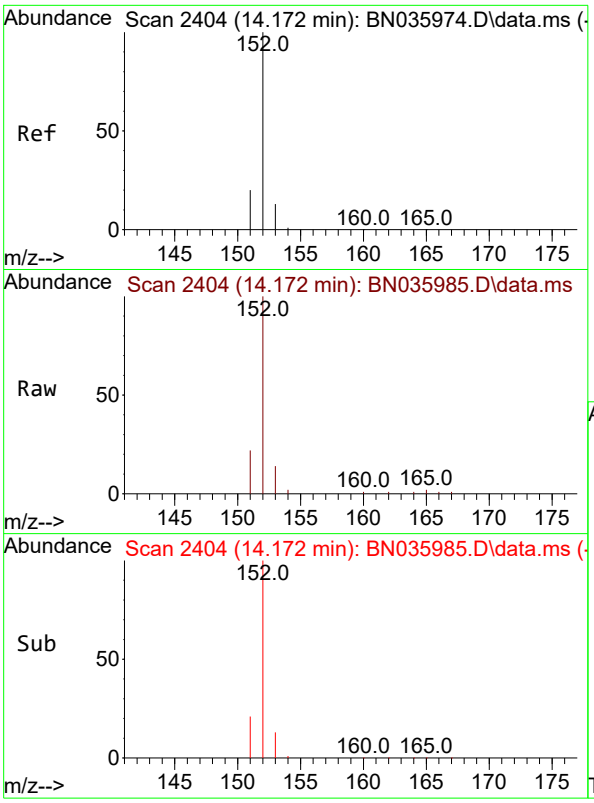


#8
1-Methylnaphthalene
Concen: 0.414 ng/ul
RT: 12.497 min Scan# 2073
Delta R.T. -0.011 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Tgt Ion:142 Resp: 3978

Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.1	112.7



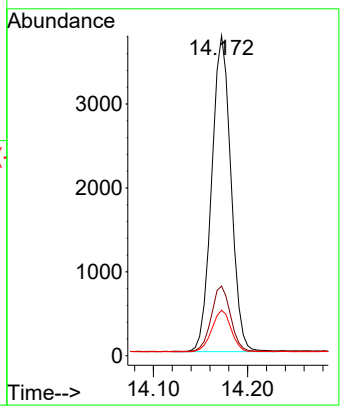


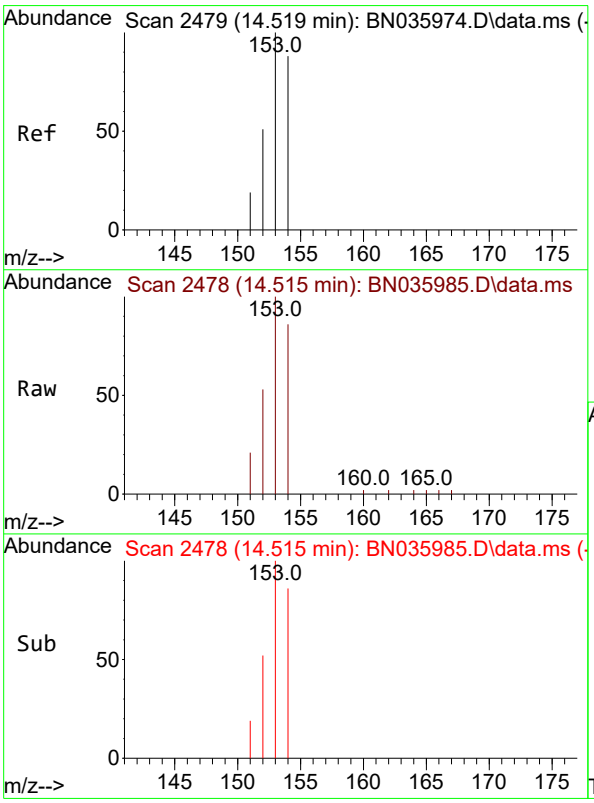
#10
Acenaphthylene
Concen: 0.406 ng/ul
RT: 14.172 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Instrument :
BNA_N
ClientSampleId :
SLCS121

Tgt Ion:152 Resp: 5354

Ion	Ratio	Lower	Upper
152	100		
151	21.8	17.8	26.6
153	14.2	11.9	17.9

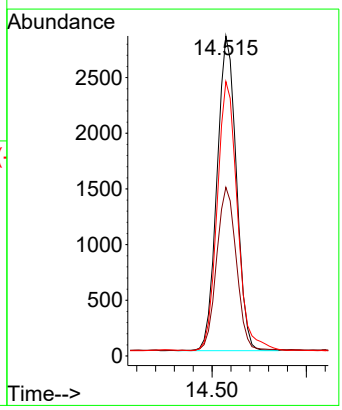


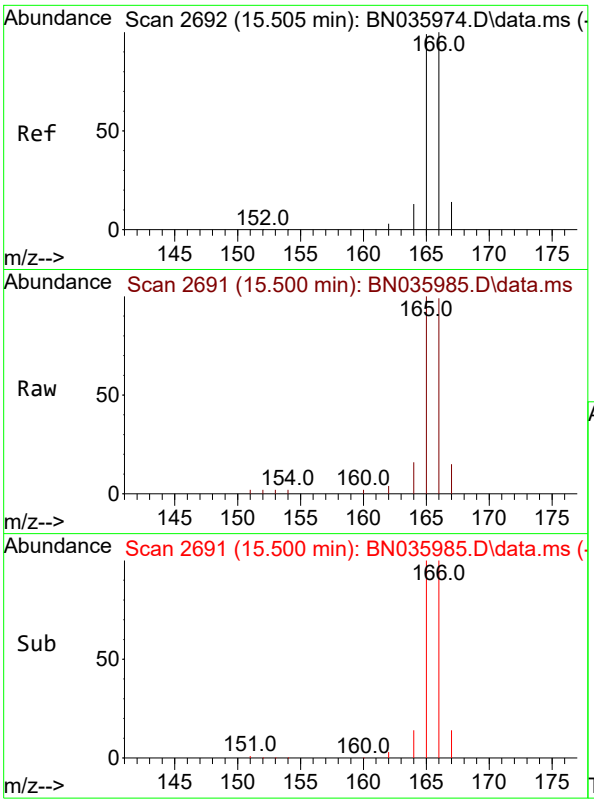


#11
Acenaphthene
Concen: 0.437 ng/ul
RT: 14.515 min Scan# 2478
Delta R.T. -0.009 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Tgt Ion:153 Resp: 4029

Ion	Ratio	Lower	Upper
153	100		
152	52.7	40.6	60.8
154	85.7	69.4	104.0



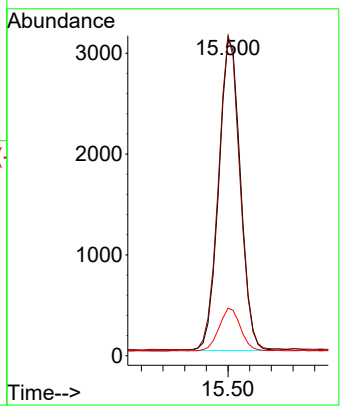


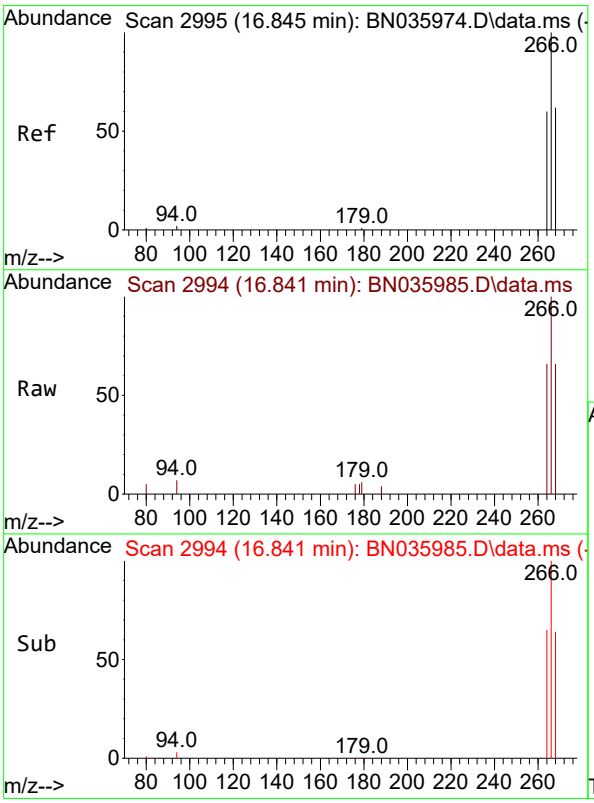
#12
Fluorene
Concen: 0.435 ng/ul
RT: 15.500 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Instrument :
BNA_N
ClientSampleId :
SLCS121

Tgt Ion:166 Resp: 4298

Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.0	118.6
167	14.9	12.2	18.4

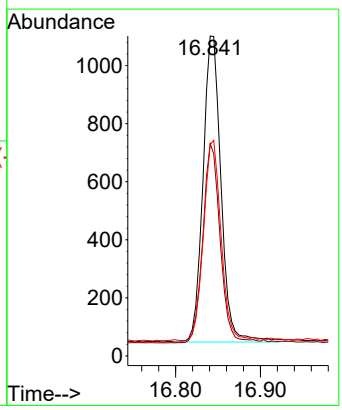


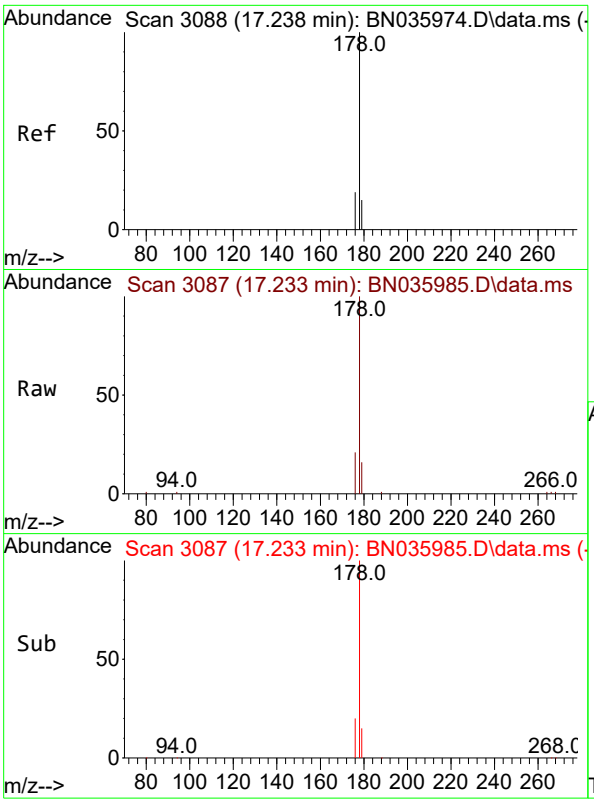


#14
Pentachlorophenol
Concen: 1.165 ng/ul
RT: 16.841 min Scan# 2994
Delta R.T. -0.008 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Tgt Ion:266 Resp: 1556

Ion	Ratio	Lower	Upper
266	100		
264	63.0	50.1	75.1
268	63.6	55.5	83.3



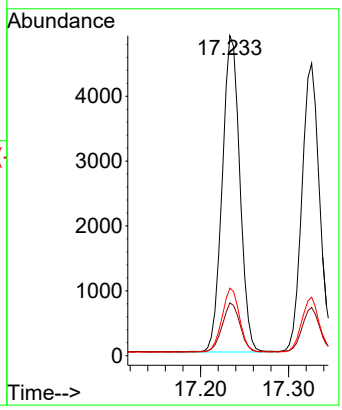


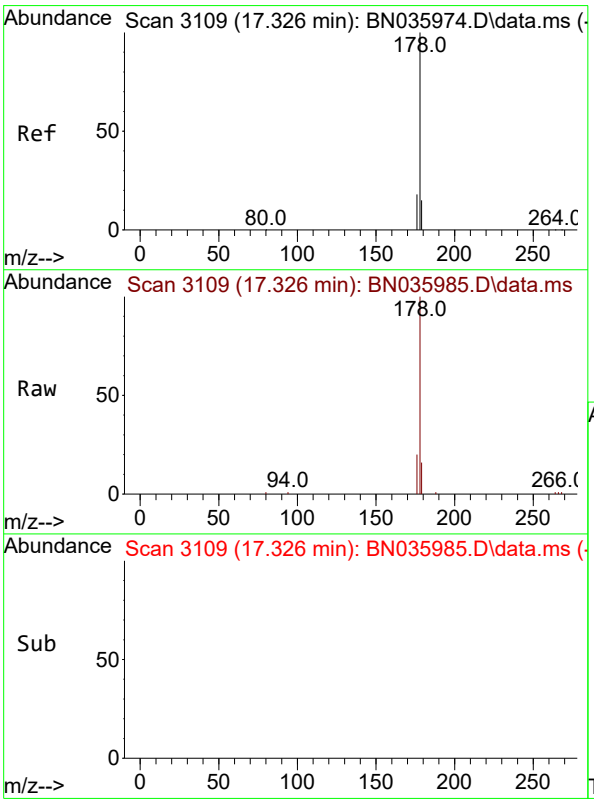
#15
Phenanthrene
Concen: 0.441 ng/ul
RT: 17.233 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Instrument :
BNA_N
ClientSampleId :
SLCS121

Tgt Ion:178 Resp: 6763

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.4	20.0
176	21.1	16.8	25.2

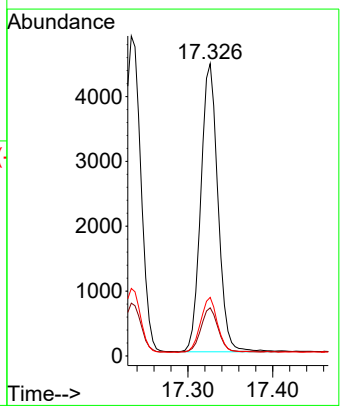


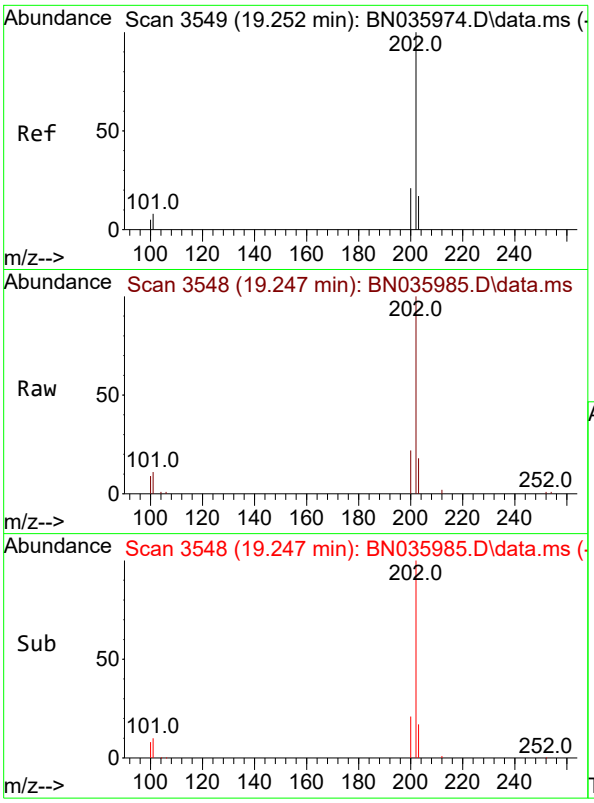


#16
Anthracene
Concen: 0.420 ng/ul
RT: 17.326 min Scan# 3109
Delta R.T. -0.008 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Tgt Ion:178 Resp: 6233

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.8	20.8
176	20.0	16.3	24.5



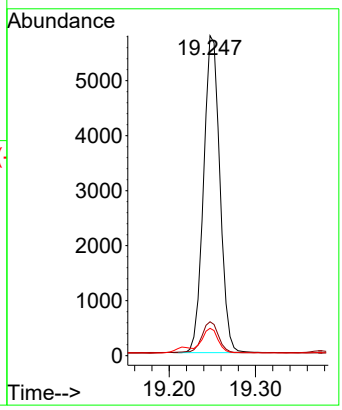


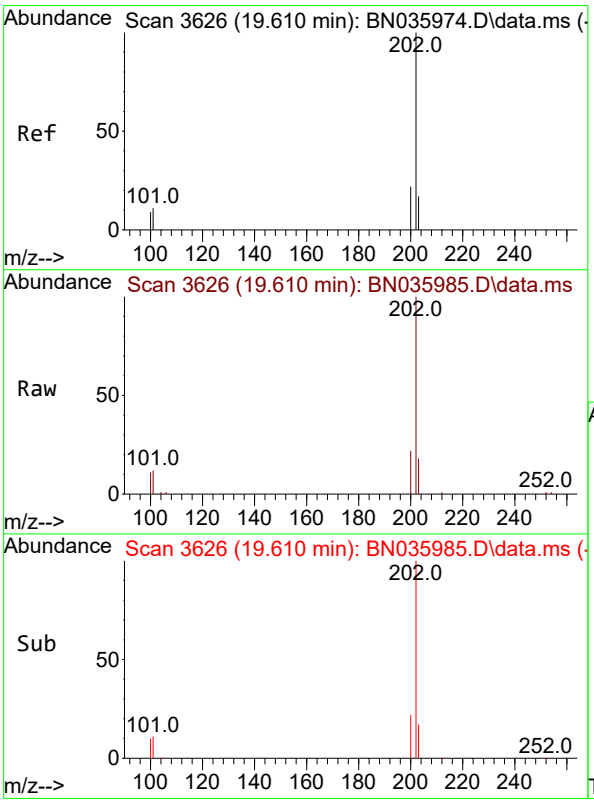
#19
Fluoranthene
Concen: 0.452 ng/ul
RT: 19.247 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Instrument :
BNA_N
ClientSampleId :
SLCS121

Tgt Ion:202 Resp: 7562

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.7	13.1
100	8.5	7.1	10.7

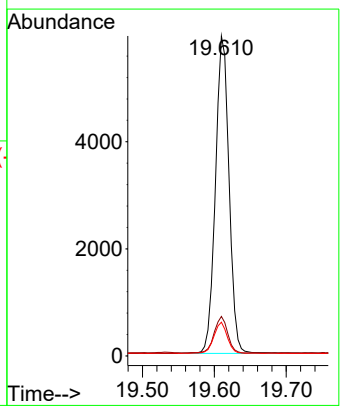


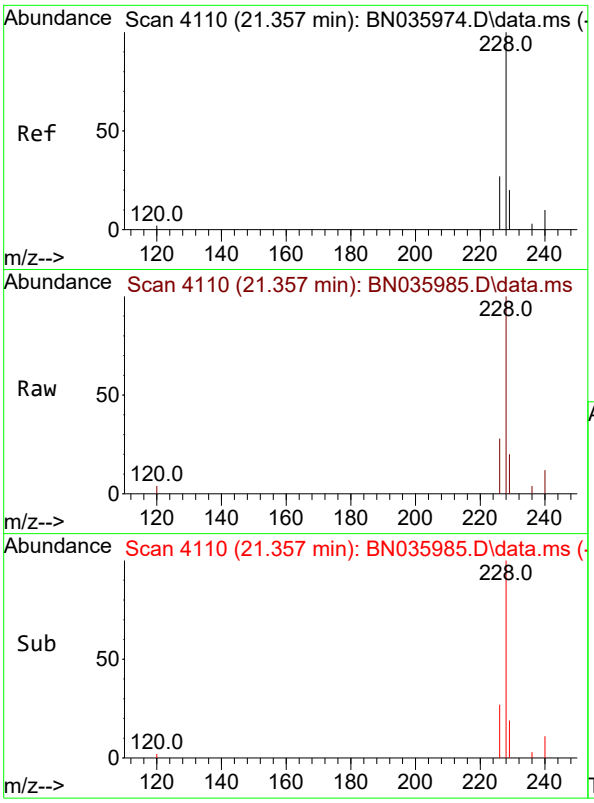


#20
Pyrene
Concen: 0.447 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. -0.009 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Tgt Ion:202 Resp: 7798

Ion	Ratio	Lower	Upper
202	100		
101	12.4	9.8	14.6
100	10.5	8.2	12.2



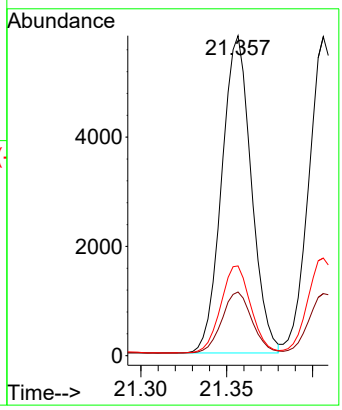


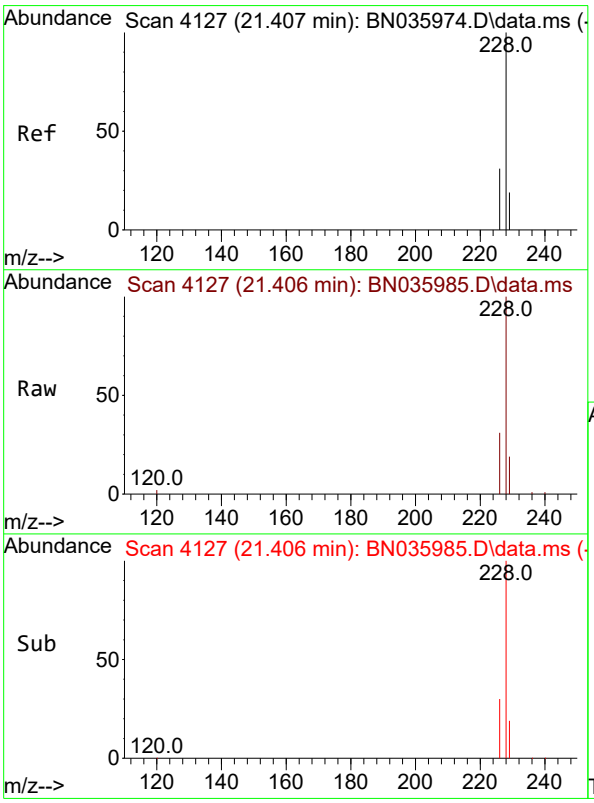
#21
Benzo(a)anthracene
Concen: 0.424 ng/ul
RT: 21.357 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Instrument :
BNA_N
ClientSampleId :
SLCS121

Tgt Ion:228 Resp: 6968

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.8	23.8
226	28.0	22.4	33.6

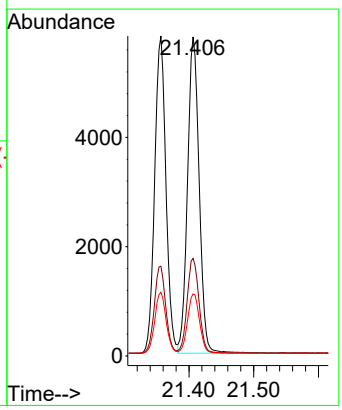


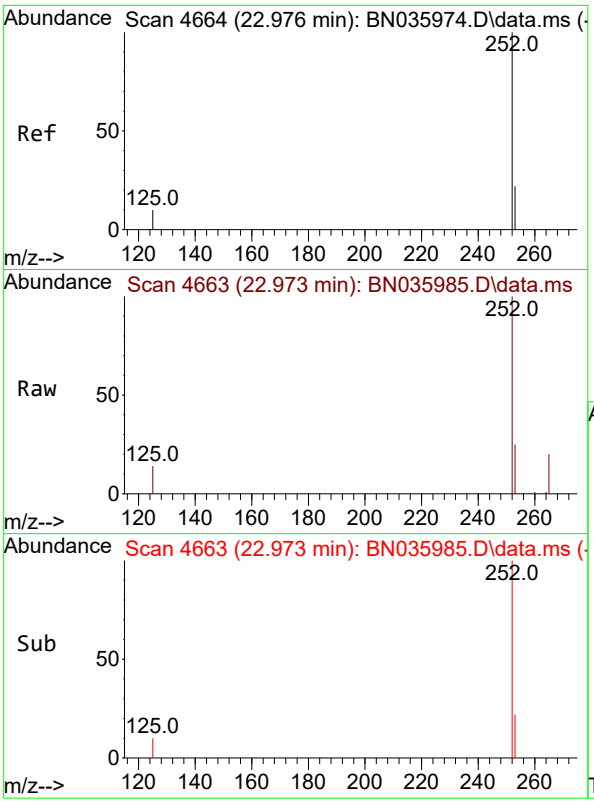


#22
Chrysene
Concen: 0.443 ng/ul
RT: 21.406 min Scan# 4127
Delta R.T. -0.009 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Tgt Ion:228 Resp: 7233

Ion	Ratio	Lower	Upper
228	100		
226	30.6	25.3	37.9
229	19.4	15.9	23.9



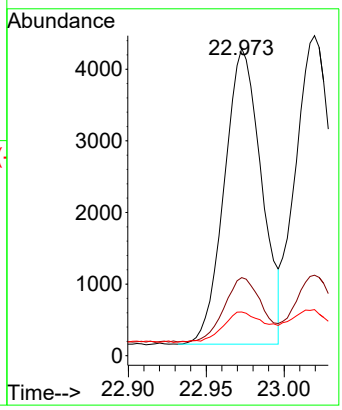


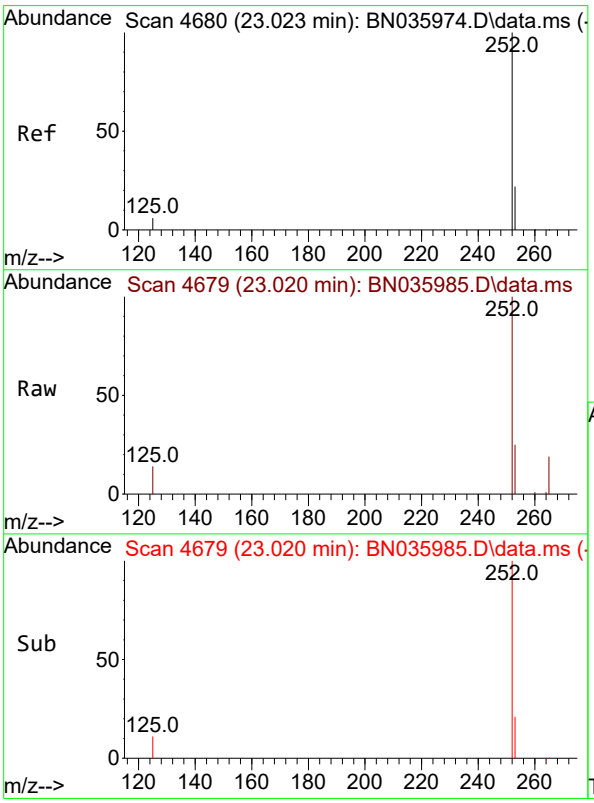
#24
Benzo(b)fluoranthene
Concen: 0.462 ng/ul
RT: 22.973 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Instrument :
BNA_N
ClientSampleId :
SLCS121

Tgt Ion:252 Resp: 6845

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	49.4
125	14.2	0.0	26.4

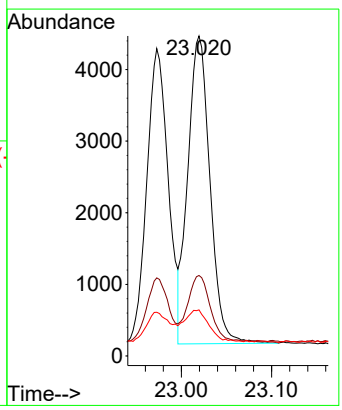


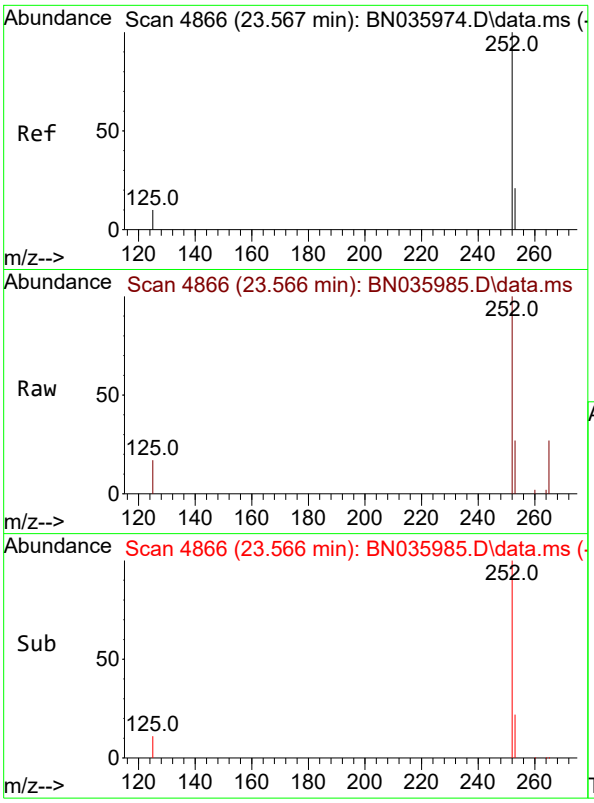


#25
Benzo(k)fluoranthene
Concen: 0.483 ng/ul
RT: 23.020 min Scan# 4679
Delta R.T. -0.012 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Tgt Ion:252 Resp: 7340

Ion	Ratio	Lower	Upper
252	100		
253	25.1	19.8	29.8
125	14.4	11.4	17.0



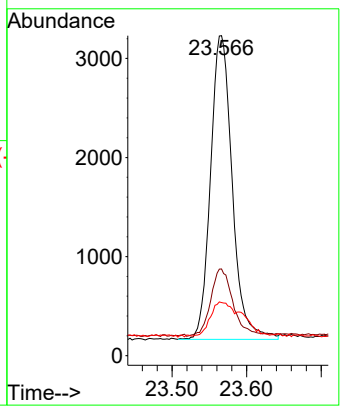


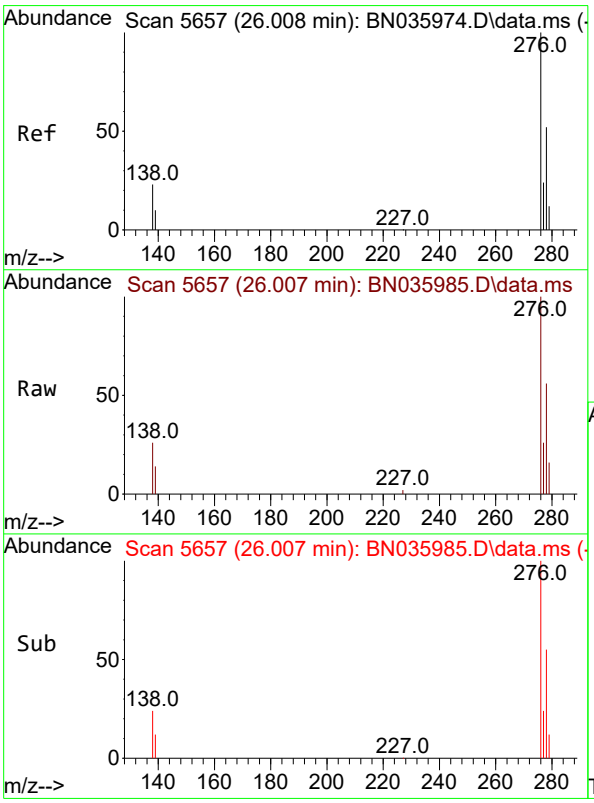
#26
Benzo(a)pyrene
Concen: 0.447 ng/ul
RT: 23.566 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Instrument :
BNA_N
ClientSampleId :
SLCS121

Tgt Ion:252 Resp: 6217

Ion	Ratio	Lower	Upper
252	100		
253	27.1	20.2	30.4
125	16.6	12.2	18.4

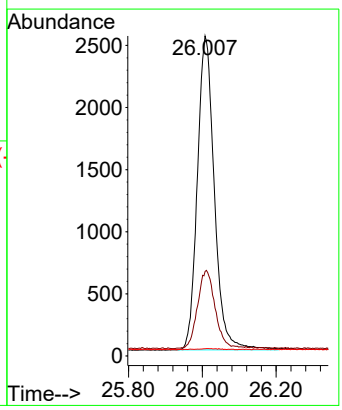


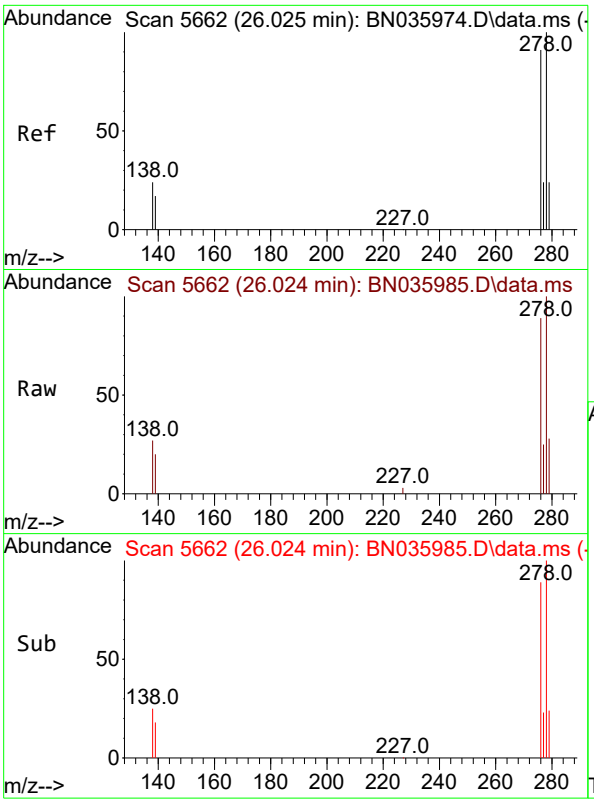


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.448 ng/ul
RT: 26.007 min Scan# 5657
Delta R.T. -0.020 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Tgt Ion:276 Resp: 8081

Ion	Ratio	Lower	Upper
276	100		
138	26.1	0.1	0.1#
227	0.2	0.0	0.0#



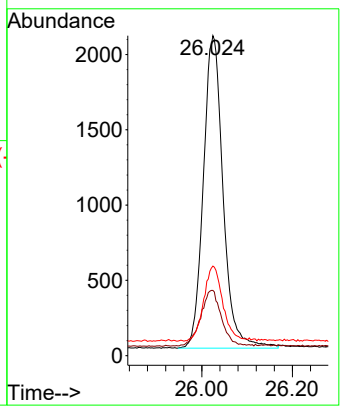


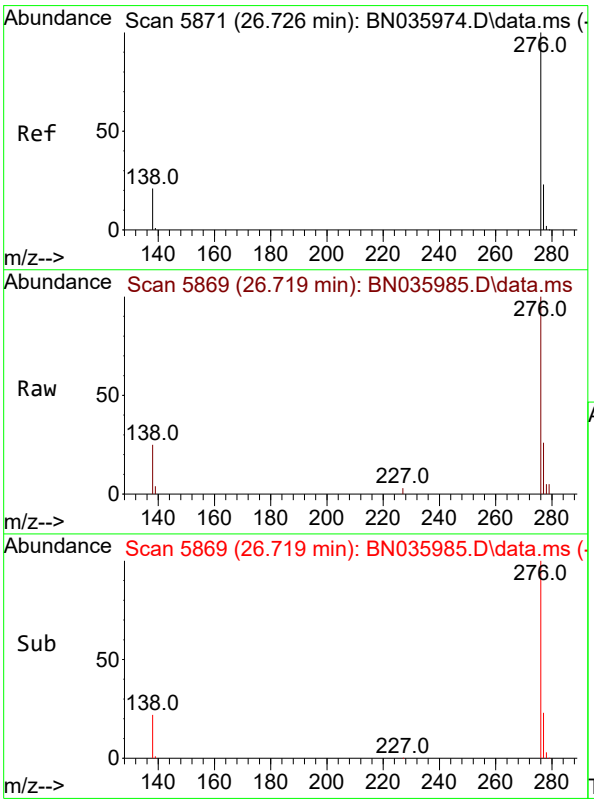
#28
Dibenzo(a,h)anthracene
Concen: 0.442 ng/ul
RT: 26.024 min Scan# 5
Delta R.T. -0.024 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Instrument :
BNA_N
ClientSampleId :
SLCS121

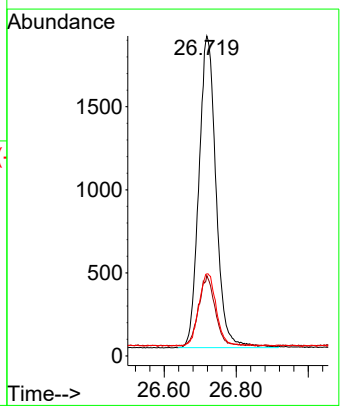
Tgt Ion:278 Resp: 6270

Ion	Ratio	Lower	Upper
278	100		
139	20.4	15.5	23.3
279	28.0	22.8	34.2





#29
Benzo(g,h,i)perylene
Concen: 0.432 ng/ul
RT: 26.719 min Scan# 5869
Delta R.T. -0.020 min
Lab File: BN035985.D
Acq: 18 Jan 2025 12:03

Tgt Ion:276 Resp: 6174

Ion	Ratio	Lower	Upper
276	100		
138	25.1	19.9	29.9
277	25.6	21.0	31.6