Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011725\
Data File : BN035972.D
Acq On : 18 Jan 2025 03:38
Operator : RC/JU
Sample : PB166105BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS105

Quant Time: Jan 18 04:02:57 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

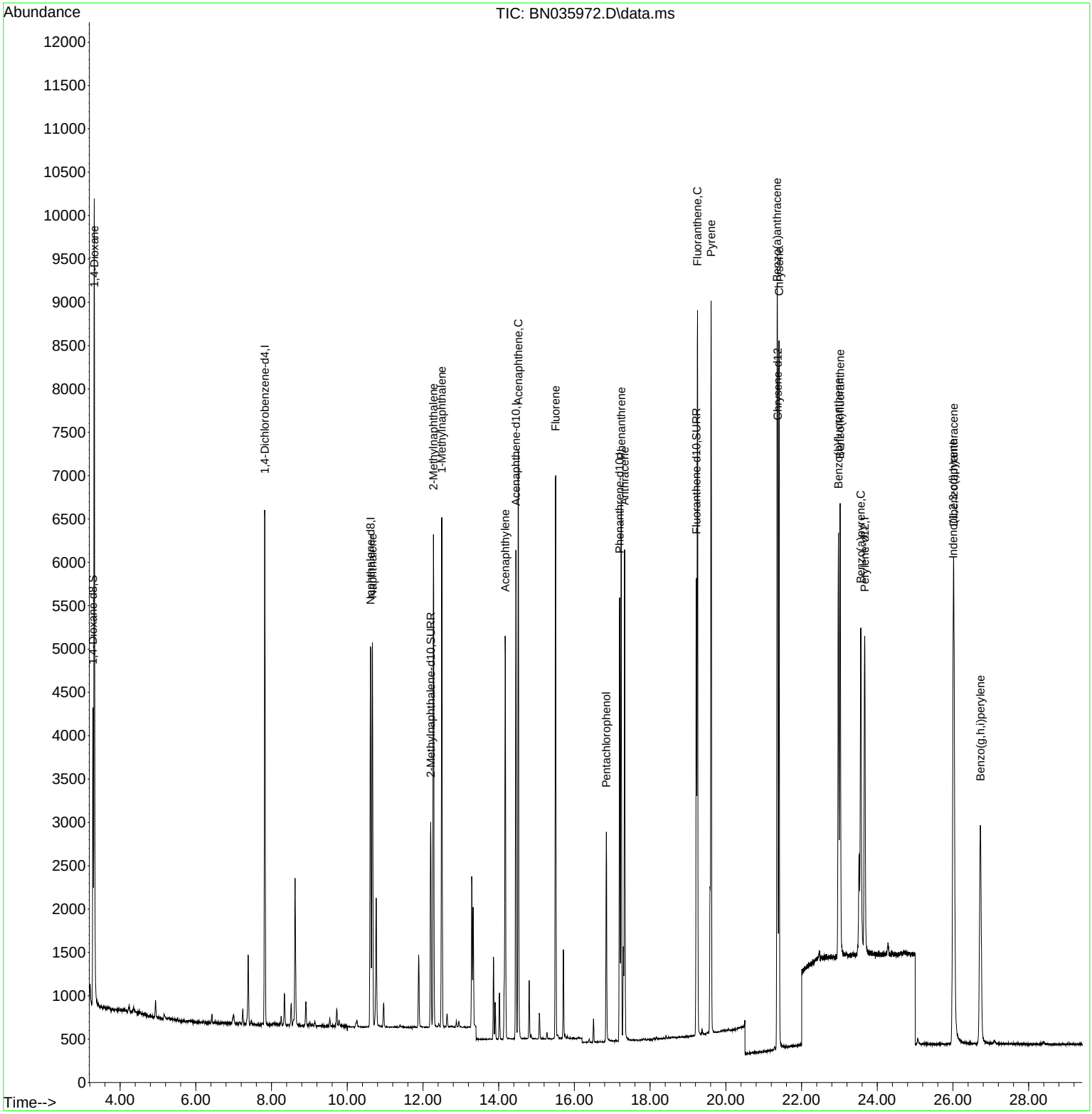
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.824	152	2862	0.400	ng/ul	0.00
4) Naphthalene-d8	10.616	136	5770	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.455	164	2928	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.195	188	5778	0.400	ng/ul	0.00
17) Chrysene-d12	21.372	240	4925	0.400	ng/ul	0.00
23) Perylene-d12	23.669	264	4939	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.284	96	2093	0.725	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.205	152	2942	0.392	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	5562	0.427	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	5612	1.786	ng/ul#	82
5) Naphthalene	10.666	128	5908	0.385	ng/ul	98
7) 2-Methylnaphthalene	12.277	142	3637	0.373	ng/ul	99
8) 1-Methylnaphthalene	12.497	142	3663	0.373	ng/ul	99
10) Acenaphthylene	14.172	152	5032	0.367	ng/ul	99
11) Acenaphthene	14.519	153	3726	0.389	ng/ul	98
12) Fluorene	15.505	166	3997	0.390	ng/ul	99
14) Pentachlorophenol	16.845	266	1511	1.091	ng/ul	96
15) Phenanthrene	17.238	178	6284	0.395	ng/ul	99
16) Anthracene	17.326	178	5819	0.378	ng/ul	98
19) Fluoranthene	19.252	202	6988	0.408	ng/ul	97
20) Pyrene	19.610	202	7326	0.410	ng/ul	99
21) Benzo(a)anthracene	21.354	228	6522	0.387	ng/ul	99
22) Chrysene	21.407	228	6765	0.404	ng/ul	99
24) Benzo(b)fluoranthene	22.973	252	6352	0.427	ng/ul	98
25) Benzo(k)fluoranthene	23.020	252	6773	0.444	ng/ul	98
26) Benzo(a)pyrene	23.564	252	5746	0.411	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.008	276	7334	0.405	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.021	278	5732	0.402	ng/ul	97
29) Benzo(g,h,i)perylene	26.726	276	5651	0.394	ng/ul	100

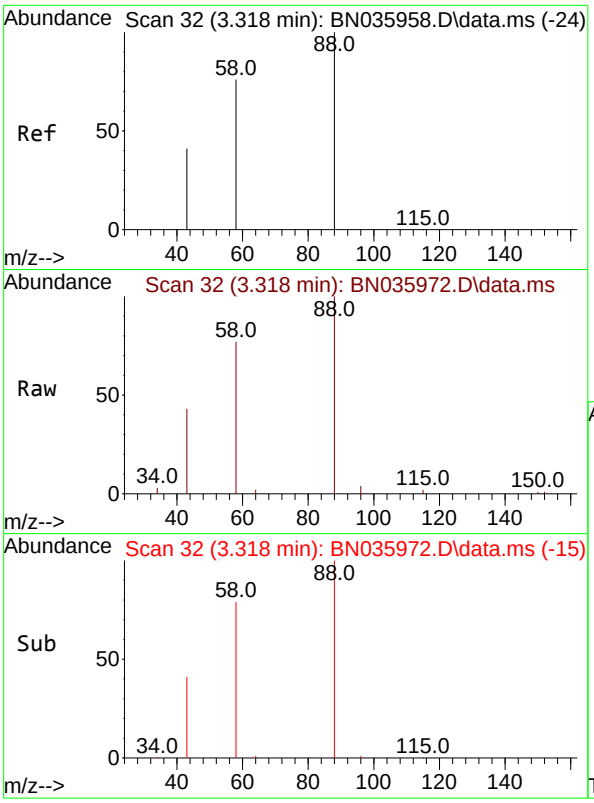
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011725\
Data File : BN035972.D
Acq On : 18 Jan 2025 03:38
Operator : RC/JU
Sample : PB166105BS
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS105

Quant Time: Jan 18 04:02:57 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



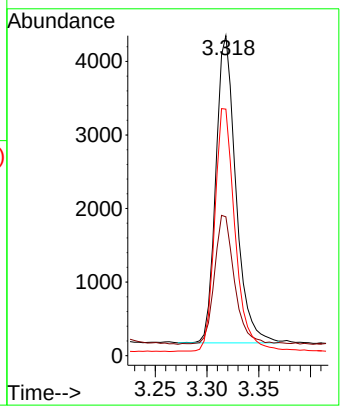


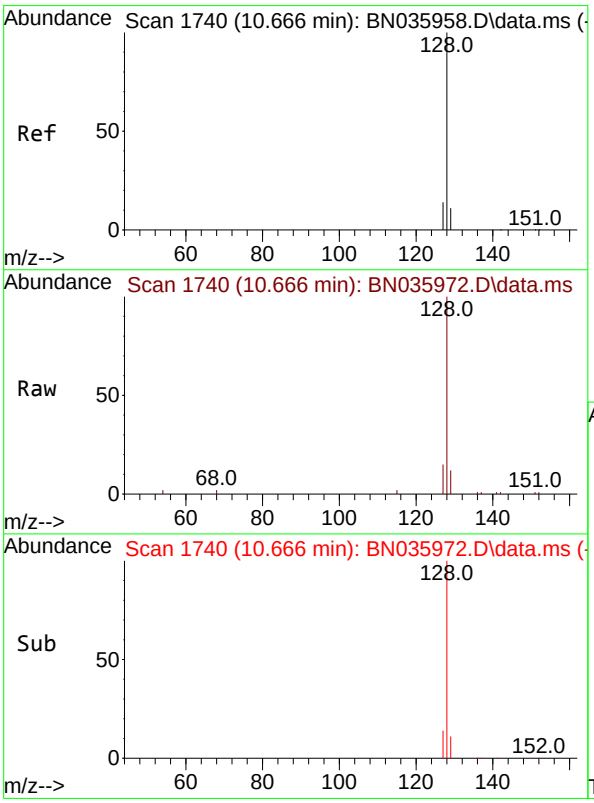
#2
1,4-Dioxane
Concen: 1.786 ng/ul
RT: 3.318 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS105

Tgt Ion: 88 Resp: 5612

Ion	Ratio	Lower	Upper
88	100		
43	43.4	57.8	86.8#
58	77.0	60.0	90.0

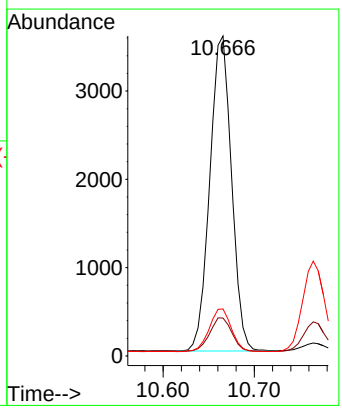


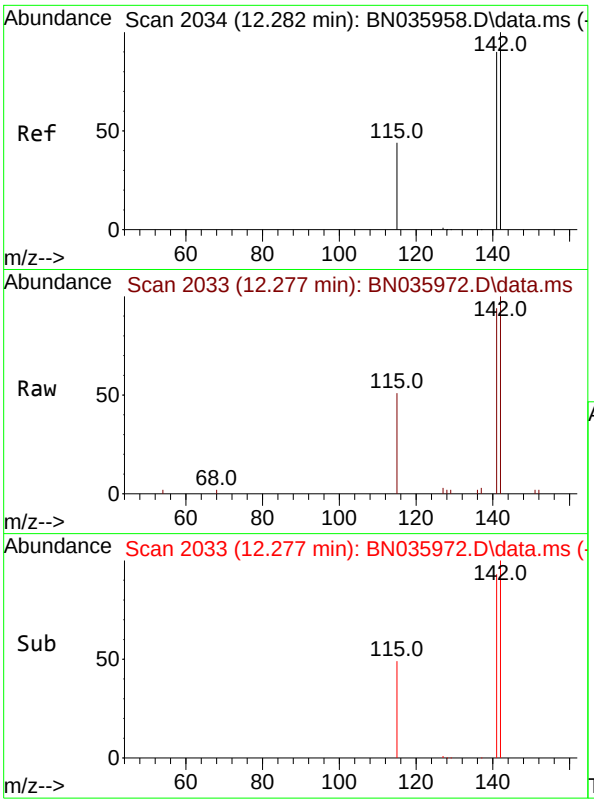


#5
Naphthalene
Concen: 0.385 ng/ul
RT: 10.666 min Scan# 1740
Delta R.T. -0.005 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Tgt Ion:128 Resp: 5908

Ion	Ratio	Lower	Upper
128	100		
129	11.8	10.6	16.0
127	14.7	12.0	18.0



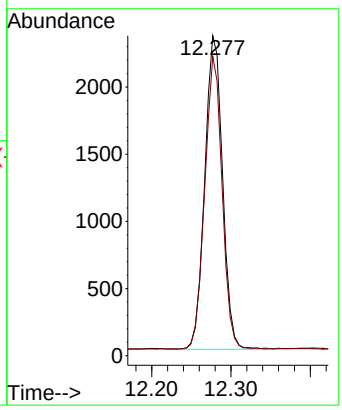


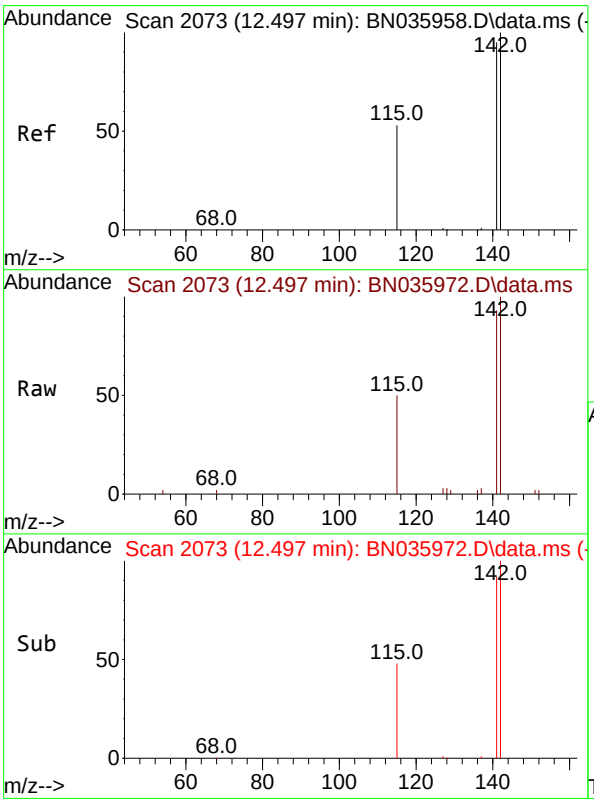
#7
2-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.277 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS105

Tgt Ion:142 Resp: 3637

Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.6	109.0

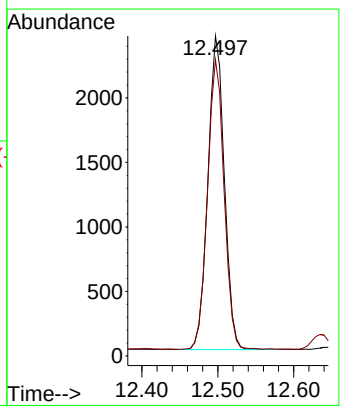


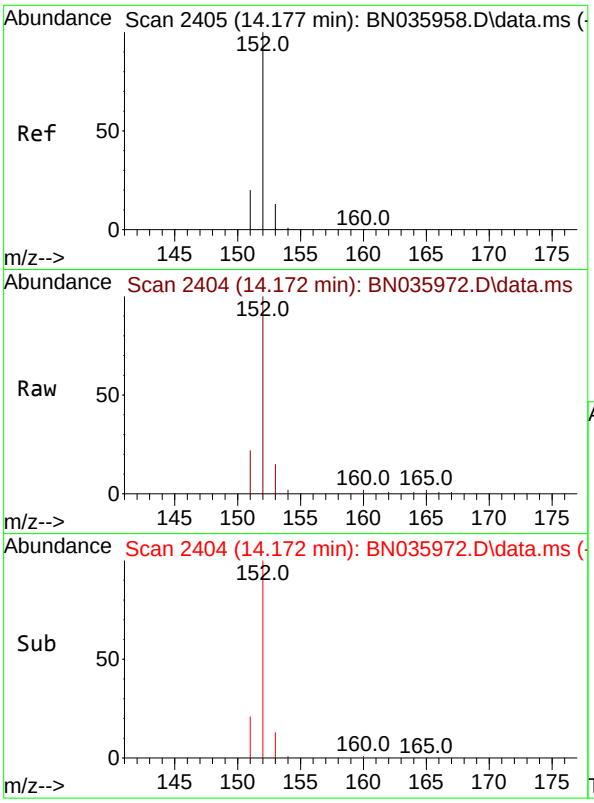


#8
1-Methylnaphthalene
Concen: 0.373 ng/ul
RT: 12.497 min Scan# 2073
Delta R.T. -0.011 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Tgt Ion:142 Resp: 3663

Ion	Ratio	Lower	Upper
142	100		
141	92.8	75.1	112.7



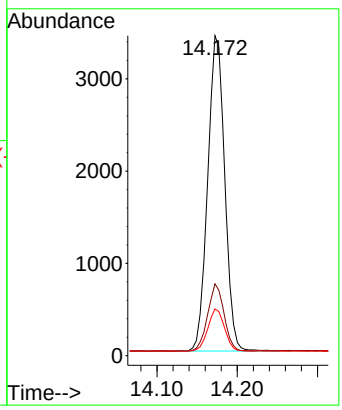


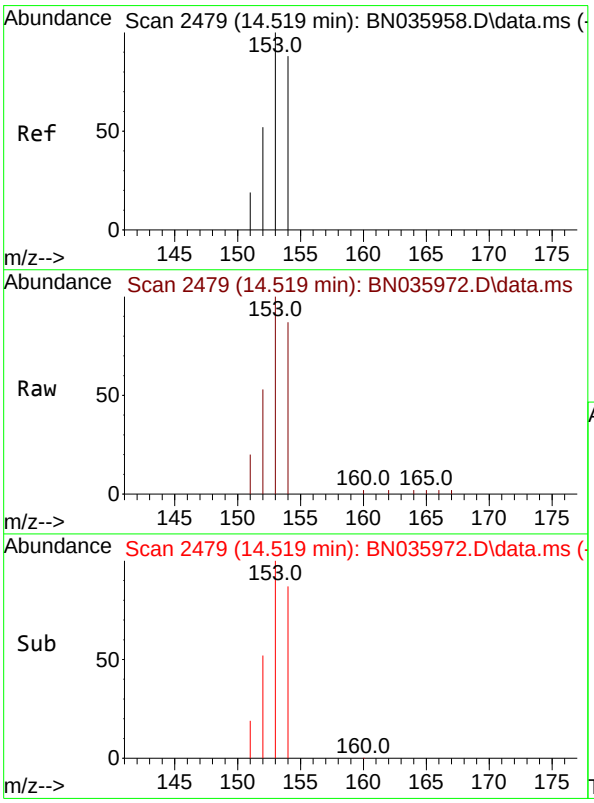
#10
Acenaphthylene
Concen: 0.367 ng/ul
RT: 14.172 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS105

Tgt Ion:152 Resp: 5032

Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.8	26.6
153	14.6	11.9	17.9

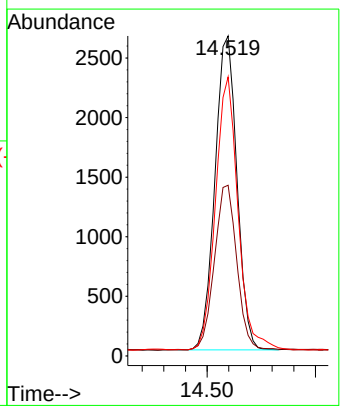


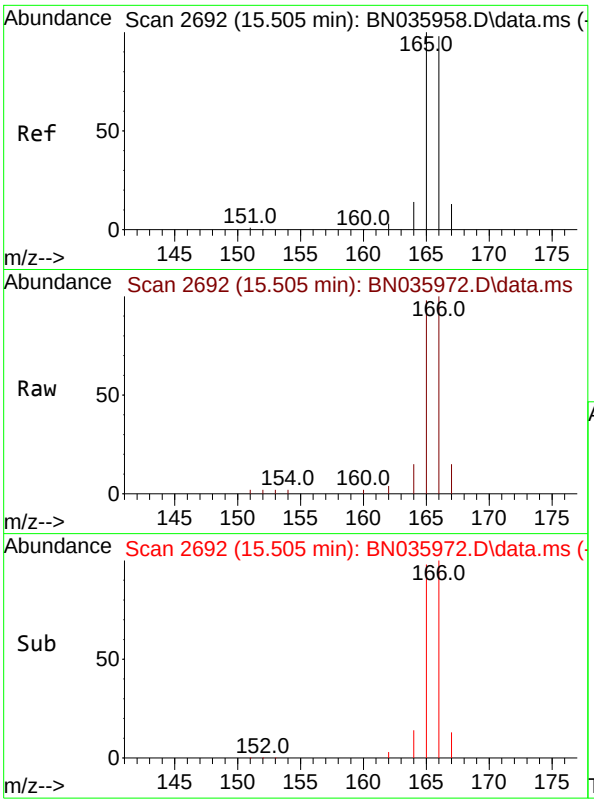


#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.519 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Tgt Ion:153 Resp: 3726

Ion	Ratio	Lower	Upper
153	100		
152	53.3	40.6	60.8
154	87.2	69.4	104.0



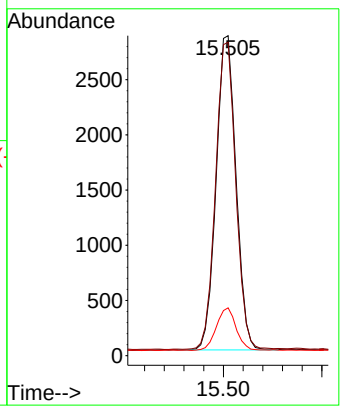


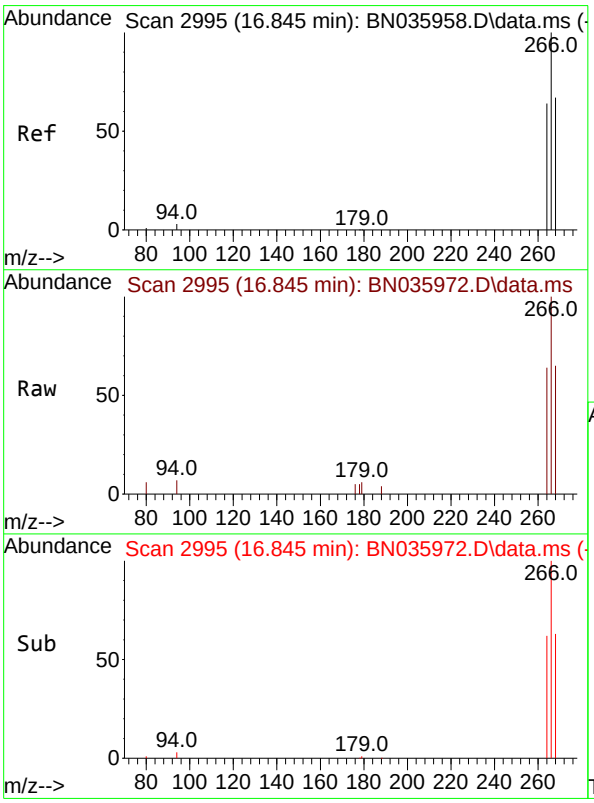
#12
Fluorene
Concen: 0.390 ng/ul
RT: 15.505 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS105

Tgt Ion:166 Resp: 3997

Ion	Ratio	Lower	Upper
166	100		
165	98.0	79.0	118.6
167	14.9	12.2	18.4

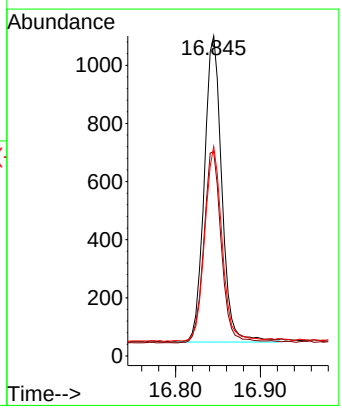


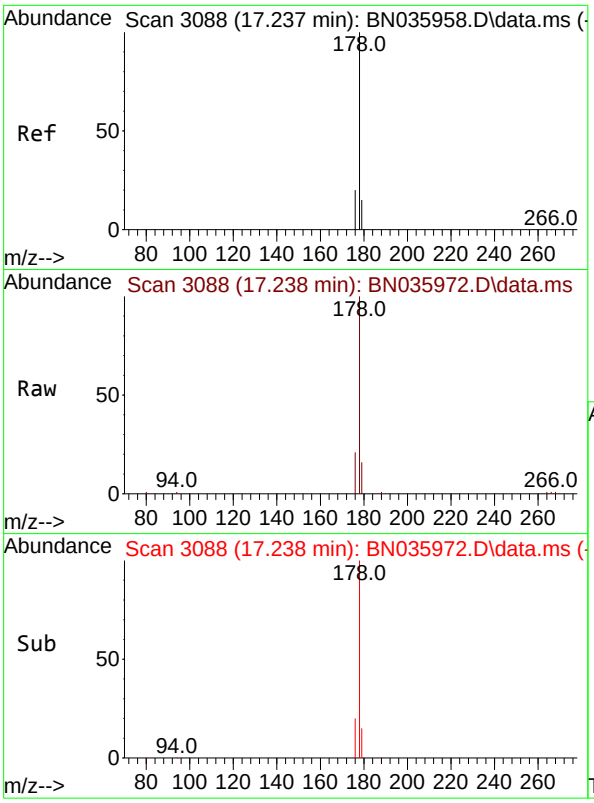


#14
Pentachlorophenol
Concen: 1.091 ng/ul
RT: 16.845 min Scan# 2995
Delta R.T. -0.004 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Tgt Ion:266 Resp: 1511

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.1	75.1
268	64.1	55.5	83.3



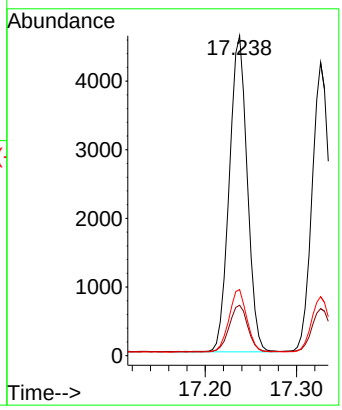


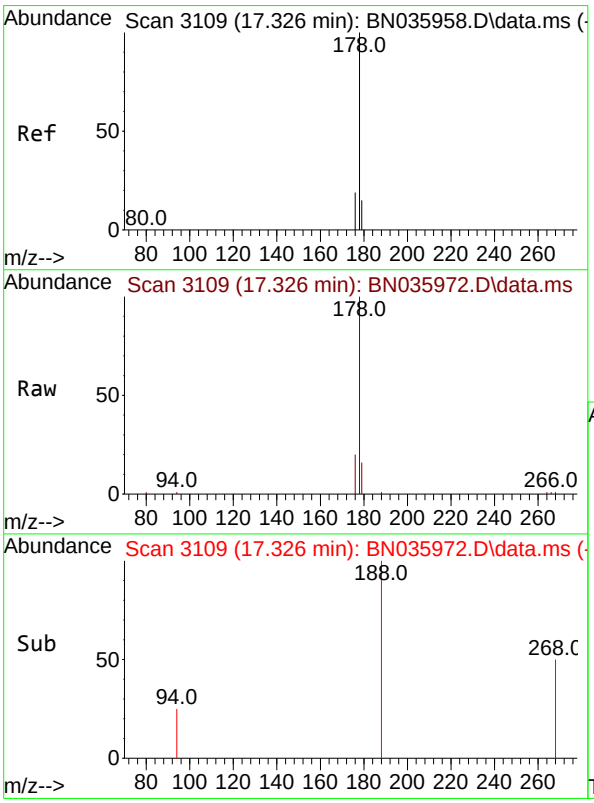
#15
Phenanthrene
Concen: 0.395 ng/ul
RT: 17.238 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS105

Tgt Ion:178 Resp: 6284

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.4	20.0
176	20.7	16.8	25.2

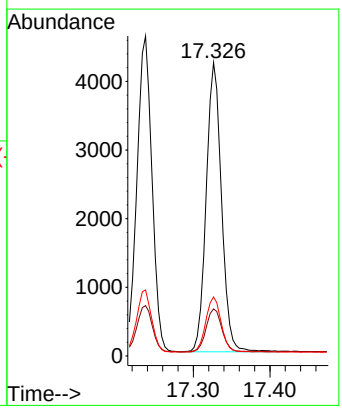


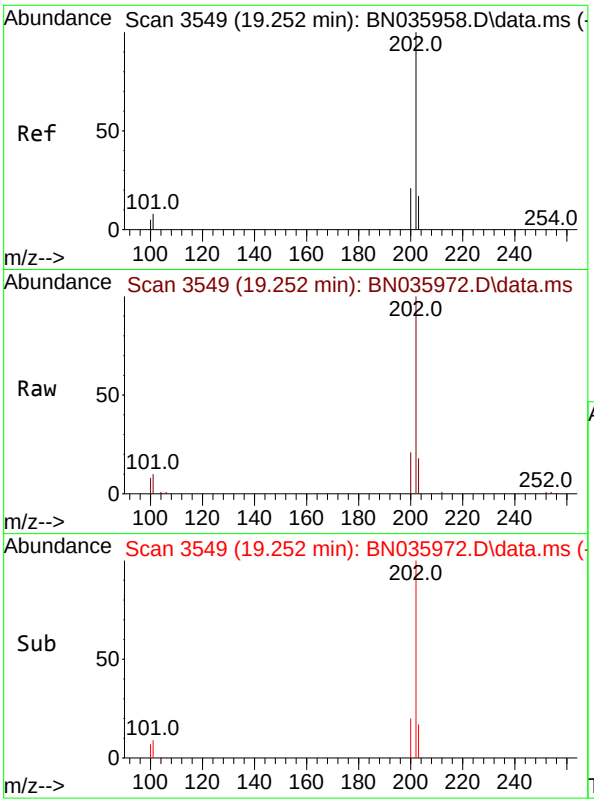


#16
Anthracene
Concen: 0.378 ng/ul
RT: 17.326 min Scan# 3109
Delta R.T. -0.008 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Tgt Ion:178 Resp: 5819

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.8	20.8
176	20.1	16.3	24.5



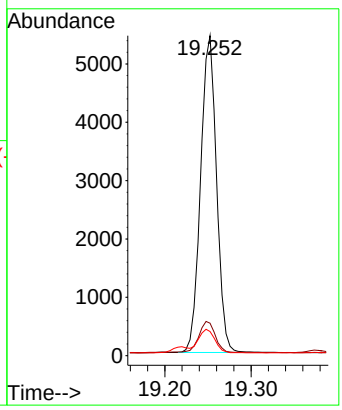


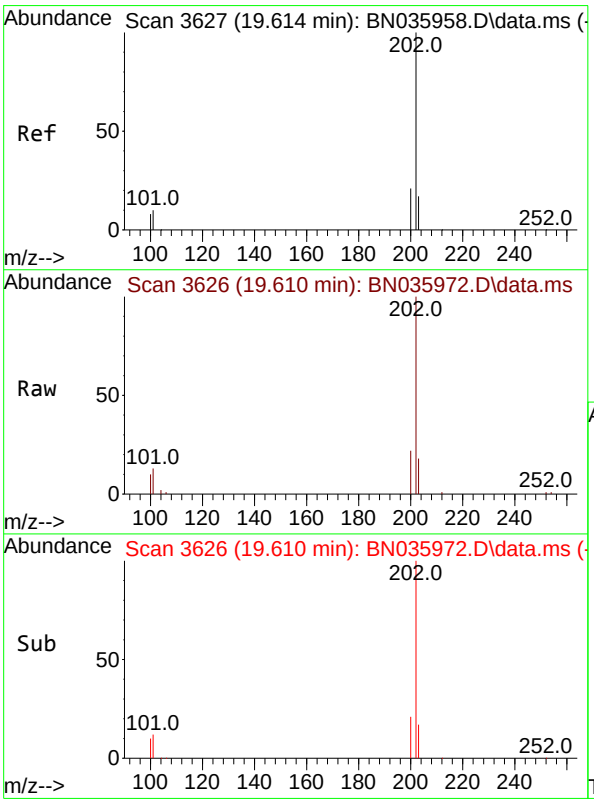
#19
Fluoranthene
Concen: 0.408 ng/ul
RT: 19.252 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS105

Tgt Ion:202 Resp: 6988

Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.7	13.1
100	7.5	7.1	10.7

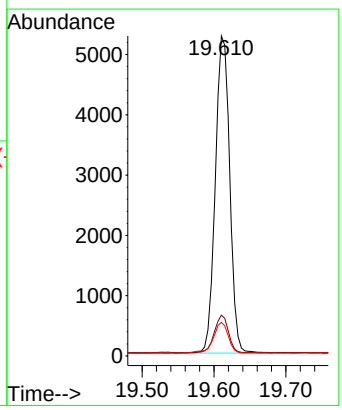


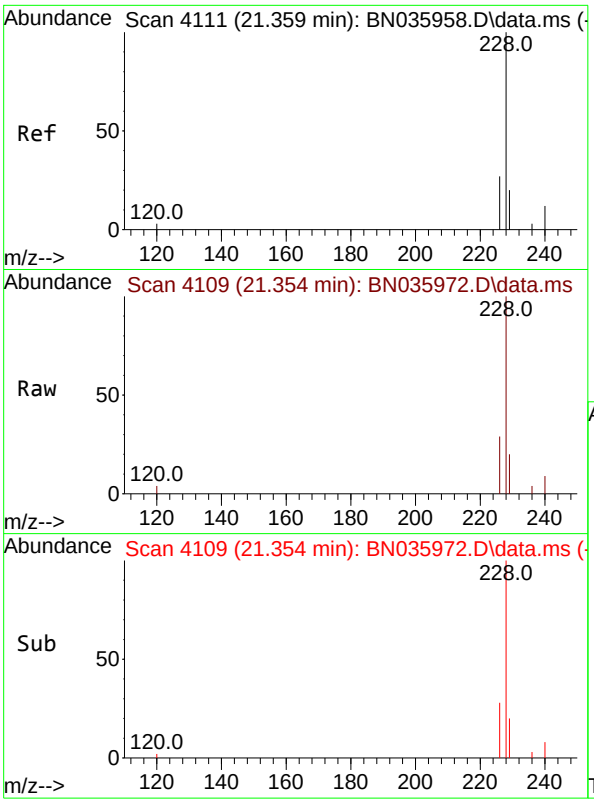


#20
Pyrene
Concen: 0.410 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. -0.009 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Tgt Ion:202 Resp: 7326

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.8	14.6
100	10.5	8.2	12.2



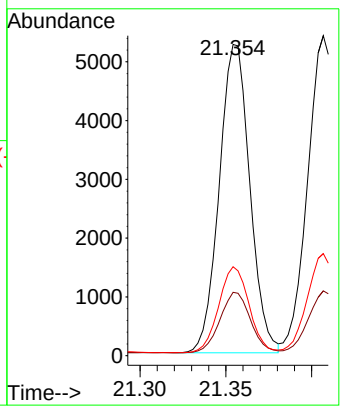


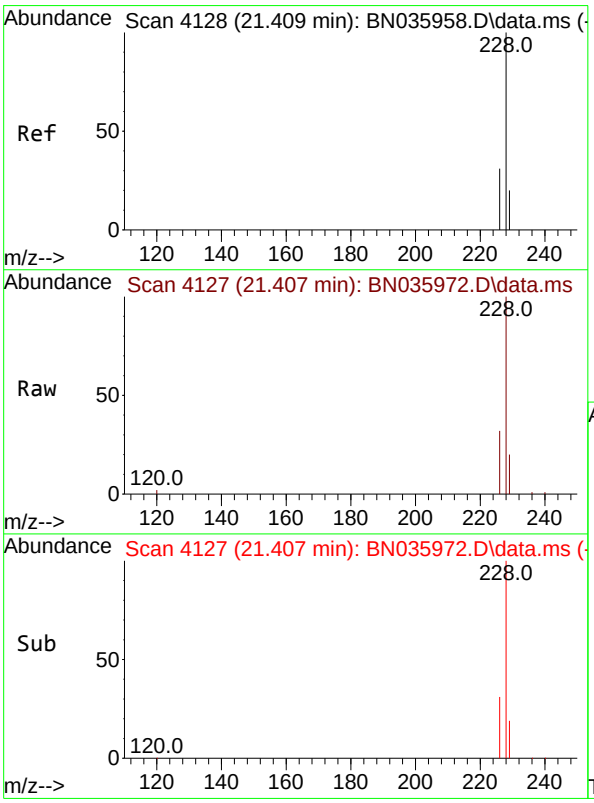
#21
Benzo(a)anthracene
Concen: 0.387 ng/ul
RT: 21.354 min Scan# 4
Delta R.T. -0.008 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS105

Tgt Ion:228 Resp: 6522

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.8	23.8
226	28.6	22.4	33.6

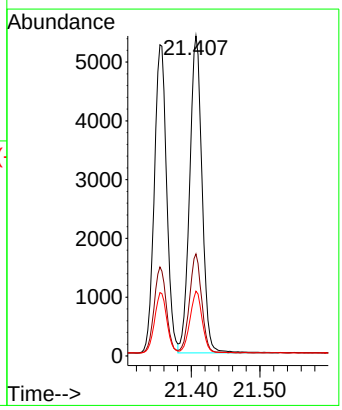


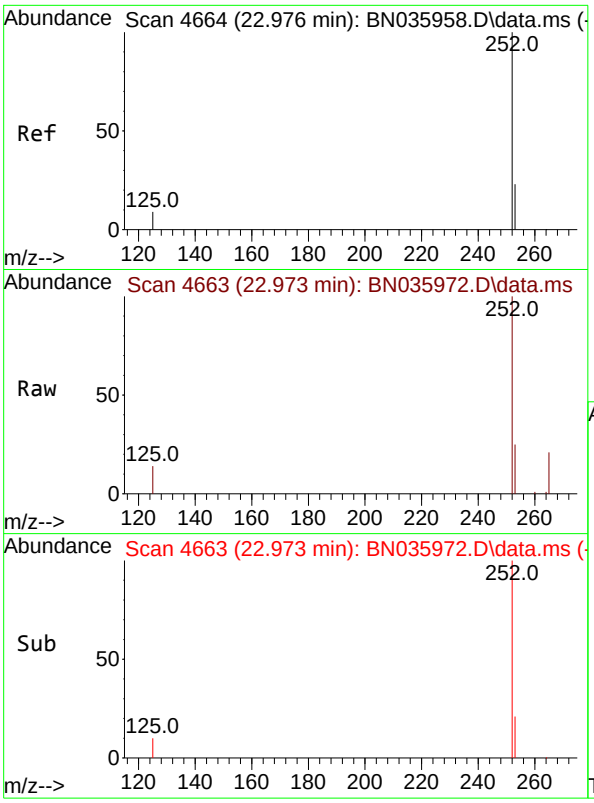


#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.407 min Scan# 4127
Delta R.T. -0.008 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Tgt Ion:228 Resp: 6765

Ion	Ratio	Lower	Upper
228	100		
226	31.9	25.3	37.9
229	20.3	15.9	23.9



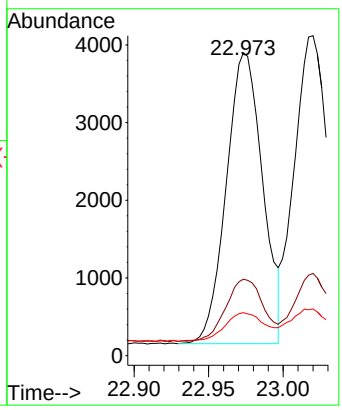


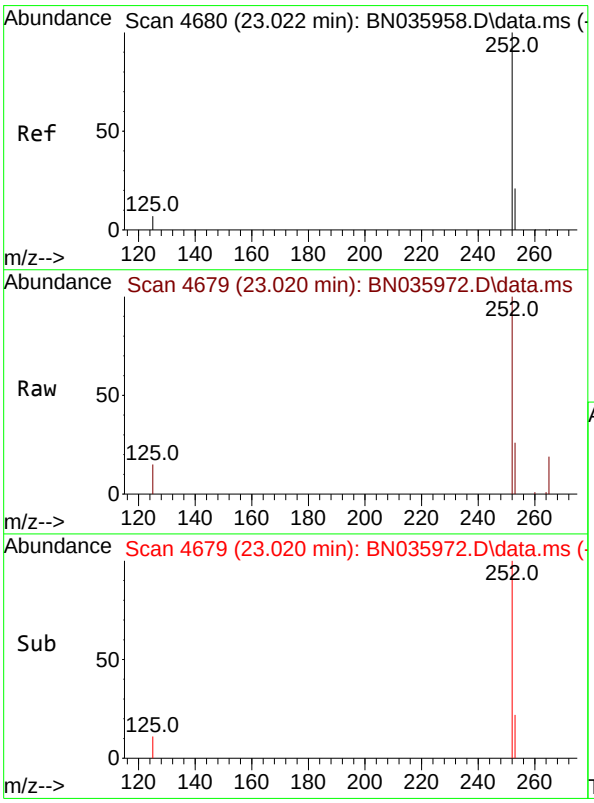
#24
Benzo(b)fluoranthene
Concen: 0.427 ng/ul
RT: 22.973 min Scan# 4
Delta R.T. -0.014 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS105

Tgt Ion:252 Resp: 6352

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	49.4
125	14.2	0.0	26.4

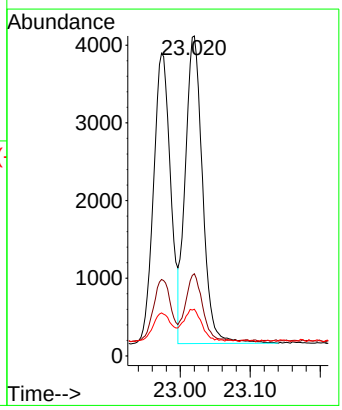


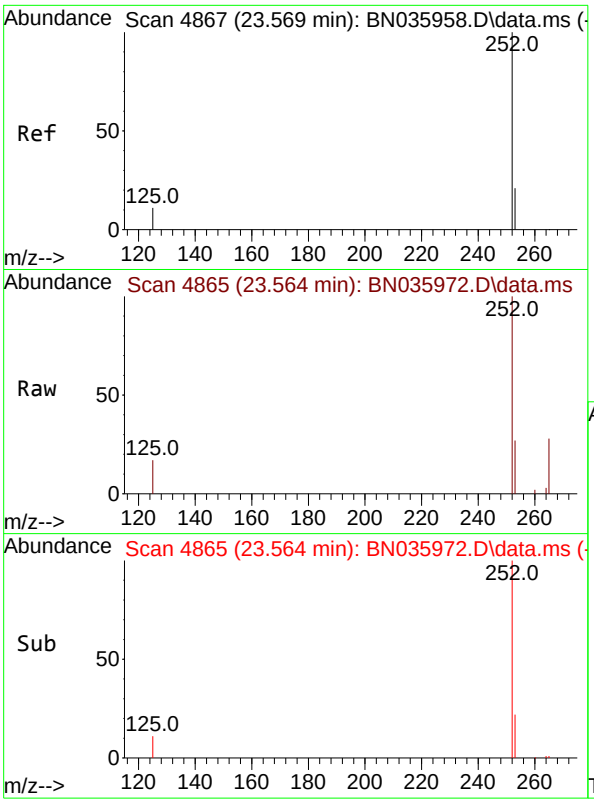


#25
Benzo(k)fluoranthene
Concen: 0.444 ng/ul
RT: 23.020 min Scan# 4679
Delta R.T. -0.011 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Tgt Ion:252 Resp: 6773

Ion	Ratio	Lower	Upper
252	100		
253	25.7	19.8	29.8
125	14.6	11.4	17.0



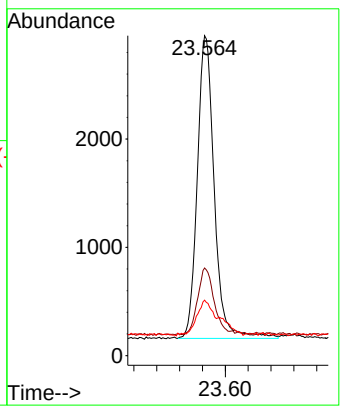


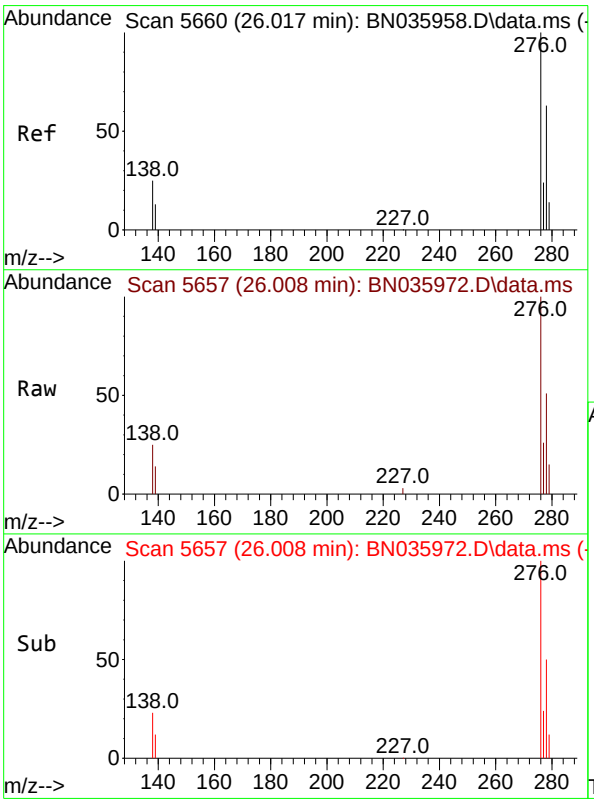
#26
Benzo(a)pyrene
Concen: 0.411 ng/ul
RT: 23.564 min Scan# 4
Delta R.T. -0.014 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS105

Tgt Ion:252 Resp: 5746

Ion	Ratio	Lower	Upper
252	100		
253	27.4	20.2	30.4
125	17.4	12.2	18.4

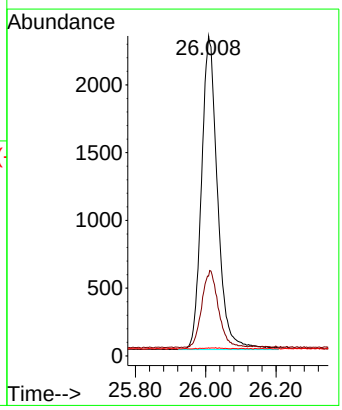


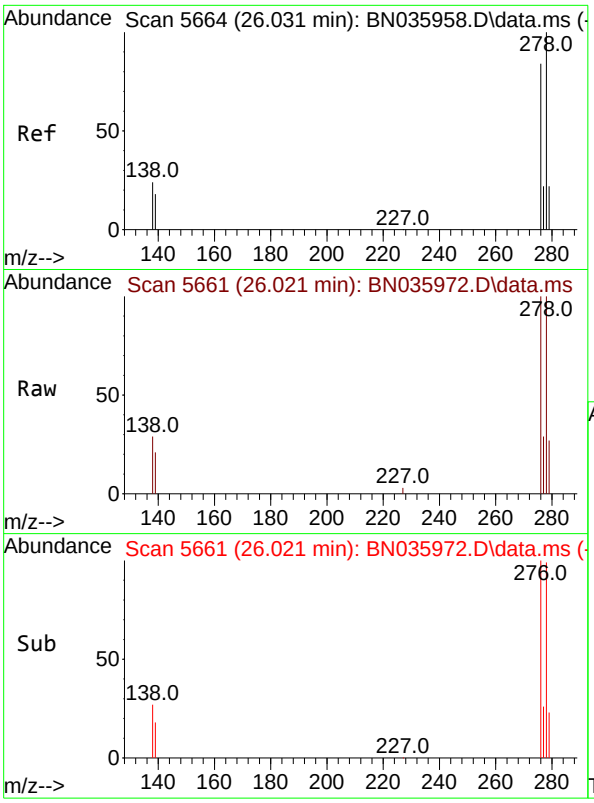


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.405 ng/ul
RT: 26.008 min Scan# 5657
Delta R.T. -0.020 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Tgt Ion:276 Resp: 7334

Ion	Ratio	Lower	Upper
276	100		
138	25.4	0.1	0.1#
227	0.0	0.0	0.0



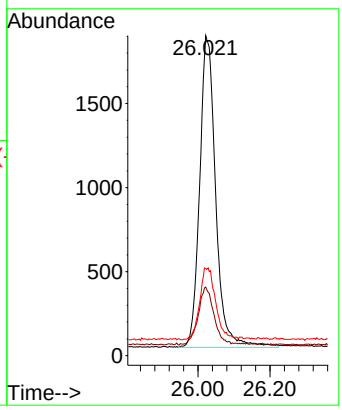


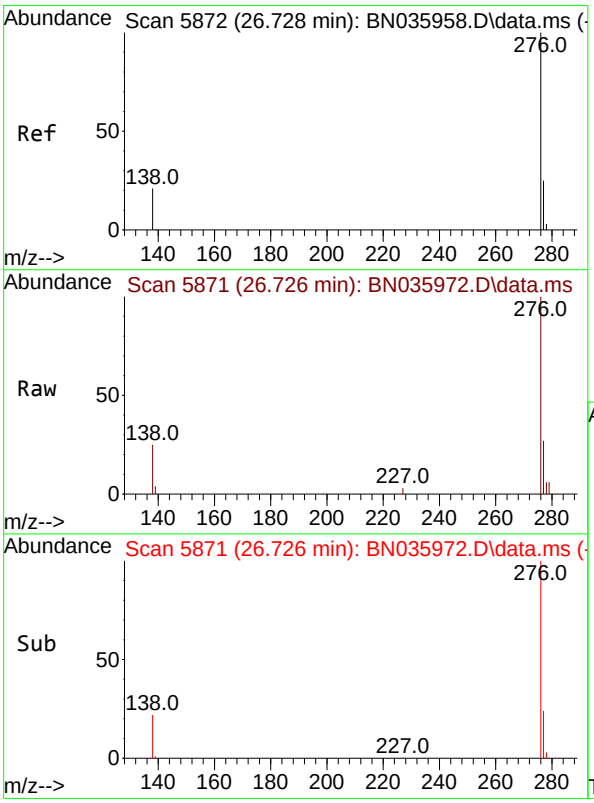
#28
Dibenzo(a,h)anthracene
Concen: 0.402 ng/ul
RT: 26.021 min Scan# 5
Delta R.T. -0.026 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Instrument :
BNA_N
ClientSampleId :
SLCS105

Tgt Ion:278 Resp: 5732

Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.5	23.3
279	27.3	22.8	34.2





#29
Benzo(g,h,i)perylene
Concen: 0.394 ng/ul
RT: 26.726 min Scan# 5871
Delta R.T. -0.013 min
Lab File: BN035972.D
Acq: 18 Jan 2025 03:38

Tgt Ion:276 Resp: 5651

Ion	Ratio	Lower	Upper
276	100		
138	24.8	19.9	29.9
277	26.7	21.0	31.6