Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011725\
Data File : BN035973.D
Acq On : 18 Jan 2025 04:14
Operator : RC/JU
Sample : PB166107BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS107

Quant Time: Jan 18 05:29:13 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	2572	0.400	ng/ul	0.00
4) Naphthalene-d8	10.616	136	5155	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.455	164	2613	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.195	188	5199	0.400	ng/ul	0.00
17) Chrysene-d12	21.372	240	4328	0.400	ng/ul	0.00
23) Perylene-d12	23.666	264	4460	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	1716	0.662	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.206	152	2435	0.363	ng/ul	0.00
18) Fluoranthene-d10	19.220	212	4475	0.391	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	2427	0.859	ng/ul#	85
5) Naphthalene	10.666	128	2526	0.184	ng/ul	98
7) 2-Methylnaphthalene	12.277	142	1548	0.178	ng/ul	100
8) 1-Methylnaphthalene	12.497	142	1540	0.175	ng/ul	100
10) Acenaphthylene	14.172	152	2117	0.173	ng/ul	95
11) Acenaphthene	14.519	153	1578	0.185	ng/ul	98
12) Fluorene	15.505	166	1672	0.183	ng/ul	98
14) Pentachlorophenol	16.845	266	659	0.529	ng/ul	96
15) Phenanthrene	17.238	178	2654	0.185	ng/ul	96
16) Anthracene	17.326	178	2416	0.175	ng/ul	97
19) Fluoranthene	19.248	202	2953	0.196	ng/ul	97
20) Pyrene	19.610	202	3052	0.194	ng/ul	97
21) Benzo(a)anthracene	21.354	228	2738	0.185	ng/ul	99
22) Chrysene	21.407	228	2790	0.190	ng/ul	98
24) Benzo(b)fluoranthene	22.973	252	2676	0.199	ng/ul	88
25) Benzo(k)fluoranthene	23.020	252	2759	0.200	ng/ul#	88
26) Benzo(a)pyrene	23.567	252	2379	0.189	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	26.008	276	3083	0.189	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.025	278	2402	0.187	ng/ul#	89
29) Benzo(g,h,i)perylene	26.726	276	2462	0.190	ng/ul	93

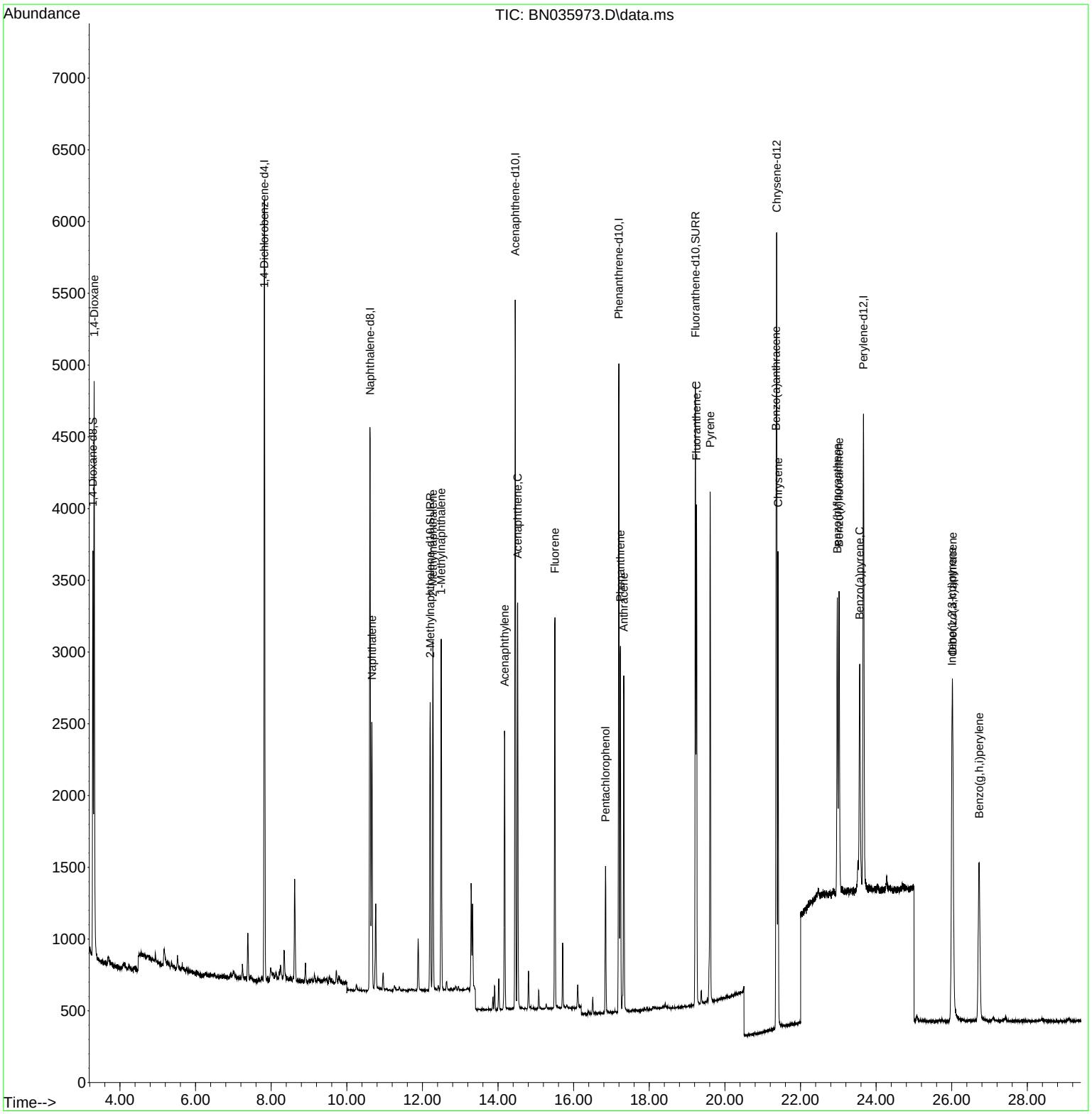
(#) = qualifier out of range (m) = manual integration (+) = signals summed

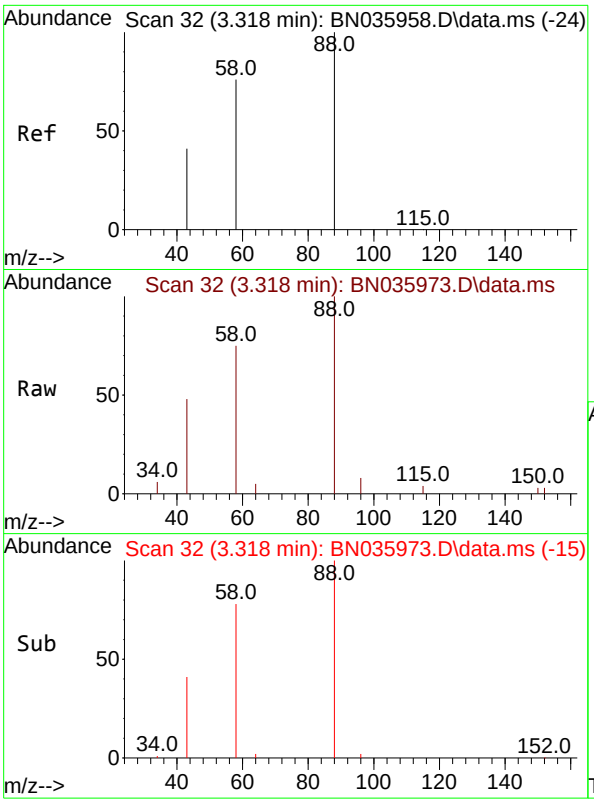
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN011725\
Data File : BN035973.D
Acq On : 18 Jan 2025 04:14
Operator : RC/JU
Sample : PB166107BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS107

Quant Time: Jan 18 05:29:13 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



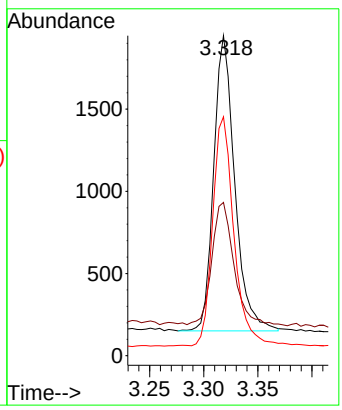


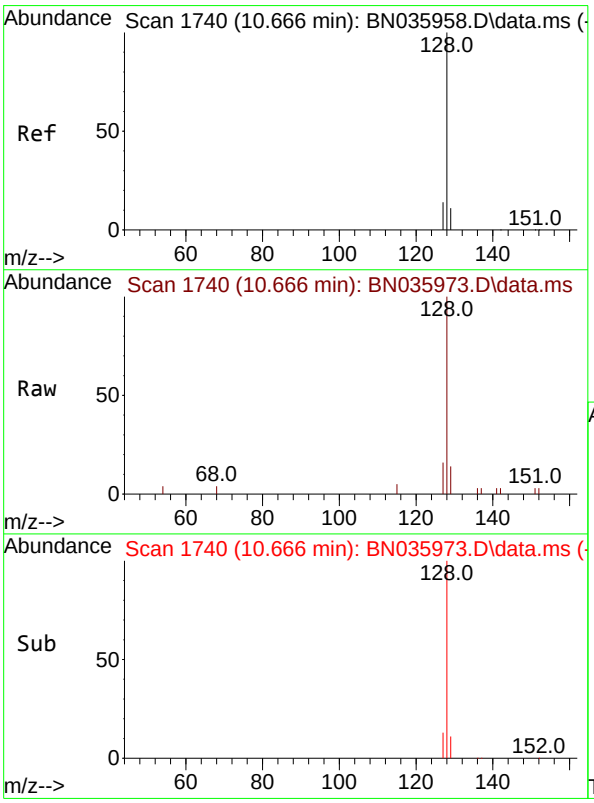
#2
1,4-Dioxane
Concen: 0.859 ng/ul
RT: 3.318 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Instrument :
BNA_N
ClientSampleId :
SLCS107

Tgt Ion: 88 Resp: 2427

Ion	Ratio	Lower	Upper
88	100		
43	47.9	57.8	86.8#
58	74.7	60.0	90.0

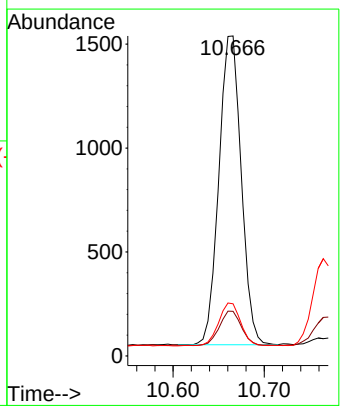


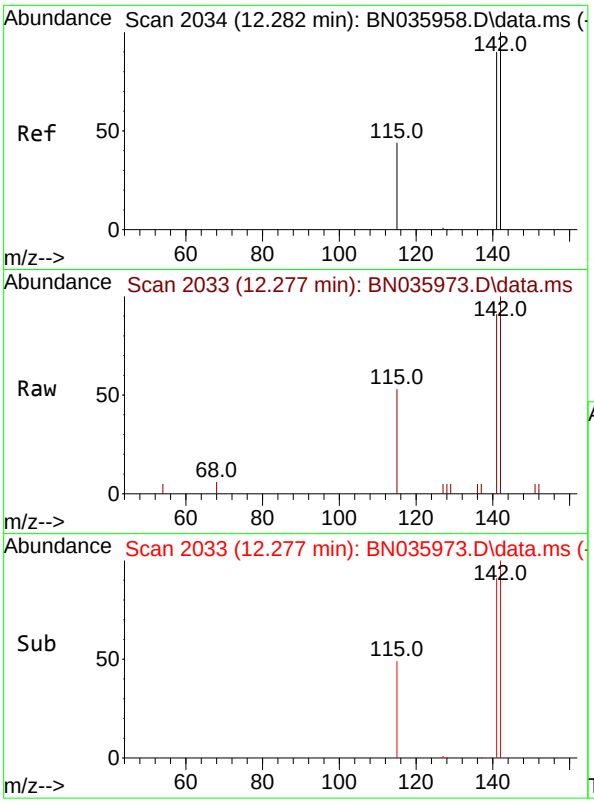


#5
Naphthalene
Concen: 0.184 ng/ul
RT: 10.666 min Scan# 1740
Delta R.T. -0.005 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Tgt Ion:128 Resp: 2526

Ion	Ratio	Lower	Upper
128	100		
129	14.0	10.6	16.0
127	16.3	12.0	18.0



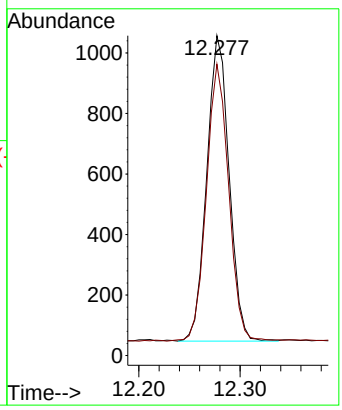


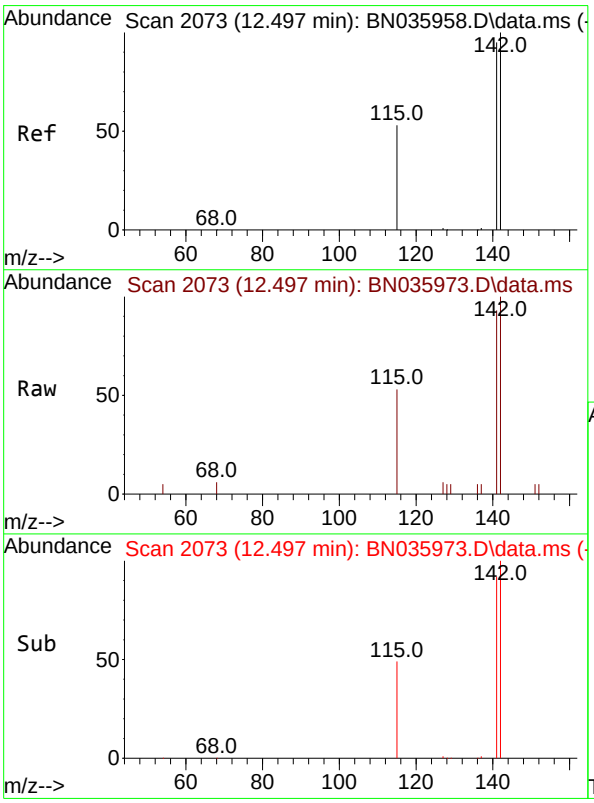
#7
2-Methylnaphthalene
Concen: 0.178 ng/ul
RT: 12.277 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Instrument :
BNA_N
ClientSampleId :
SLCS107

Tgt Ion:142 Resp: 1548

Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.6	109.0

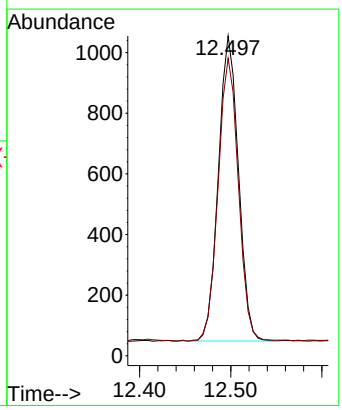


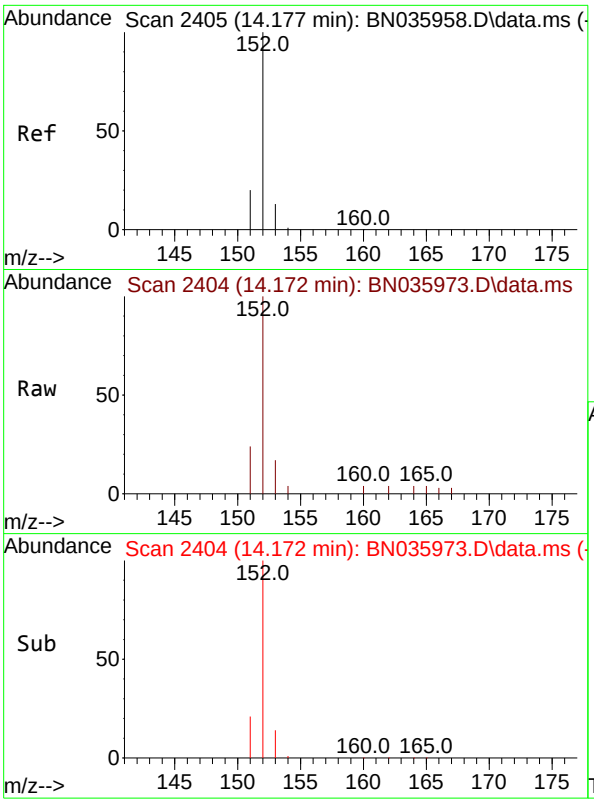


#8
1-Methylnaphthalene
Concen: 0.175 ng/ul
RT: 12.497 min Scan# 2073
Delta R.T. -0.011 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Tgt Ion:142 Resp: 1540

Ion	Ratio	Lower	Upper
142	100		
141	94.4	75.1	112.7



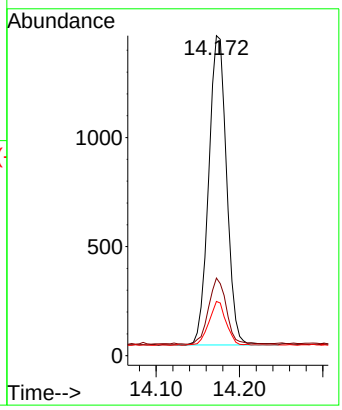


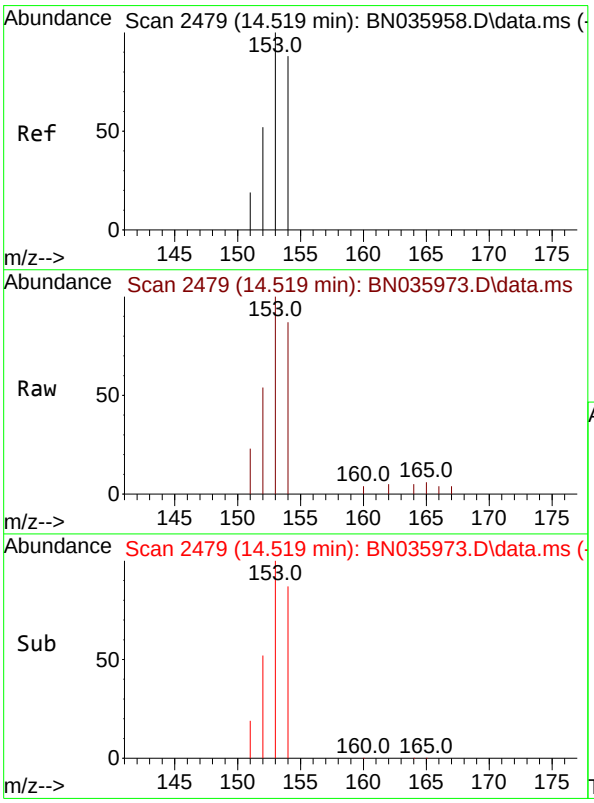
#10
Acenaphthylene
Concen: 0.173 ng/ul
RT: 14.172 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Instrument :
BNA_N
ClientSampleId :
SLCS107

Tgt Ion:152 Resp: 2117

Ion	Ratio	Lower	Upper
152	100		
151	24.3	17.8	26.6
153	17.0	11.9	17.9

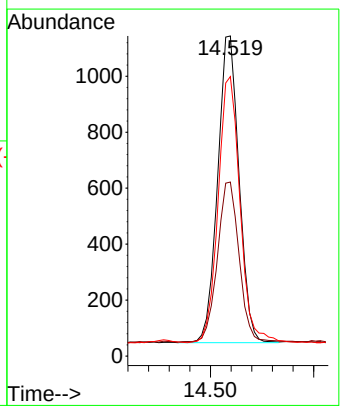


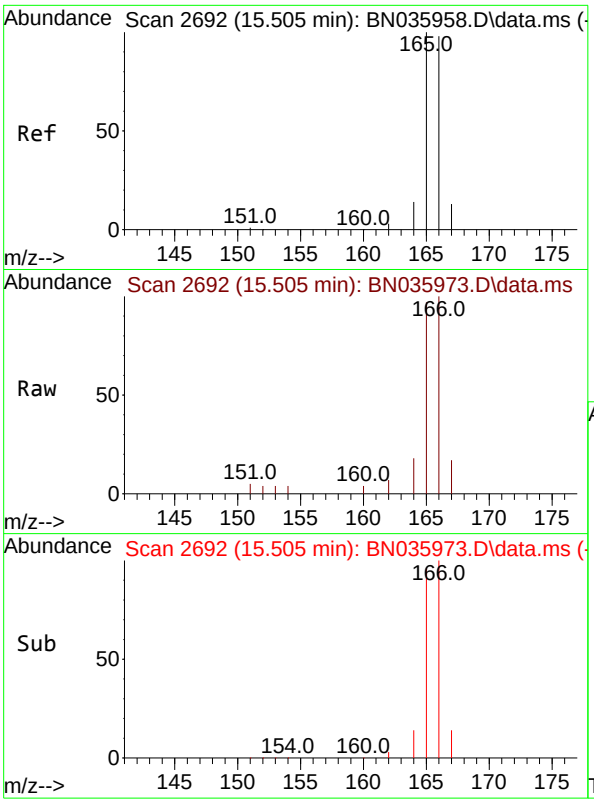


#11
Acenaphthene
Concen: 0.185 ng/ul
RT: 14.519 min Scan# 2479
Delta R.T. -0.005 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Tgt Ion:153 Resp: 1578

Ion	Ratio	Lower	Upper
153	100		
152	54.4	40.6	60.8
154	87.3	69.4	104.0



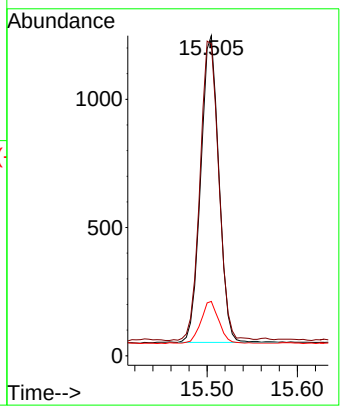


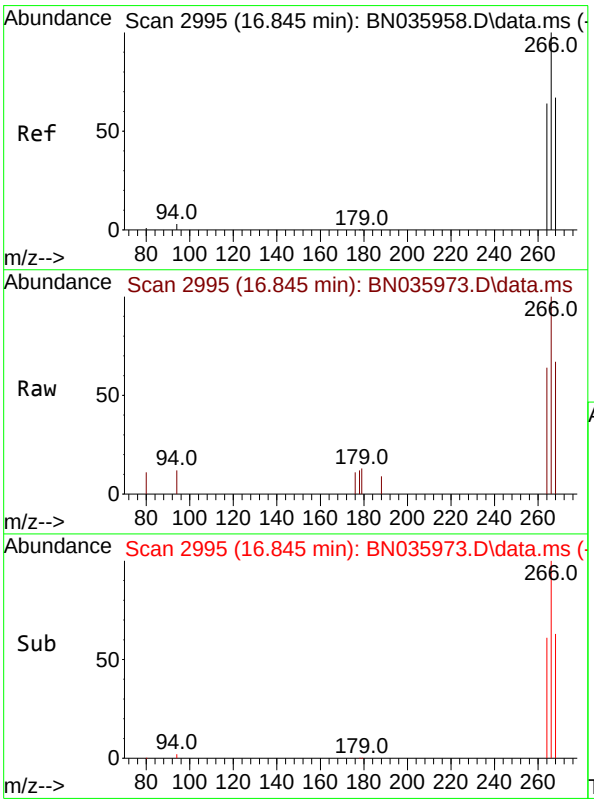
#12
Fluorene
Concen: 0.183 ng/ul
RT: 15.505 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Instrument :
BNA_N
ClientSampleId :
SLCS107

Tgt Ion:166 Resp: 1672

Ion	Ratio	Lower	Upper
166	100		
165	97.4	79.0	118.6
167	17.0	12.2	18.4

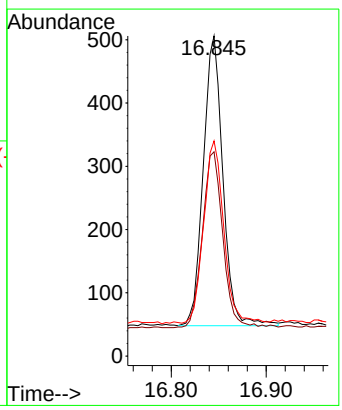


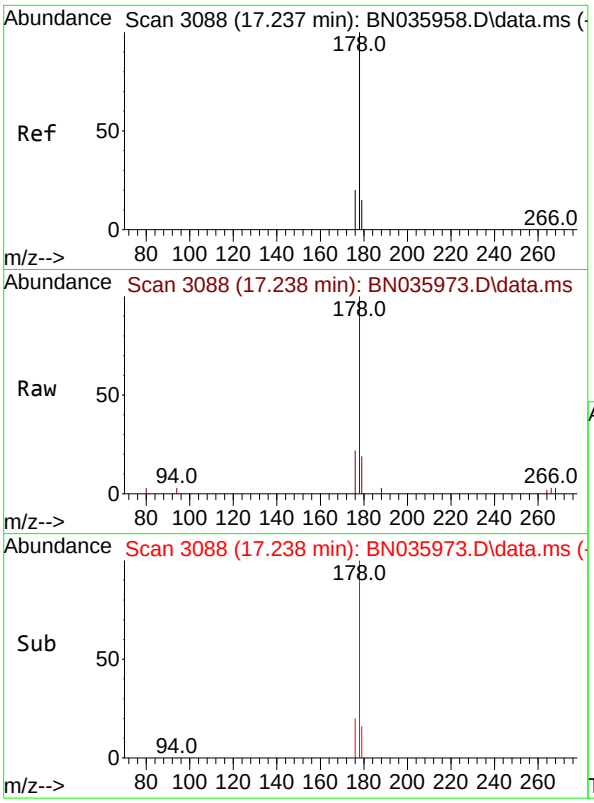


#14
Pentachlorophenol
Concen: 0.529 ng/ul
RT: 16.845 min Scan# 2995
Delta R.T. -0.004 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Tgt Ion:266 Resp: 659

Ion	Ratio	Lower	Upper
266	100		
264	63.1	50.1	75.1
268	64.2	55.5	83.3



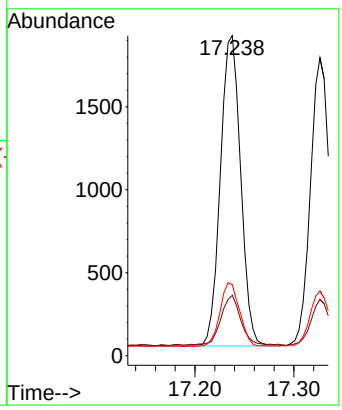


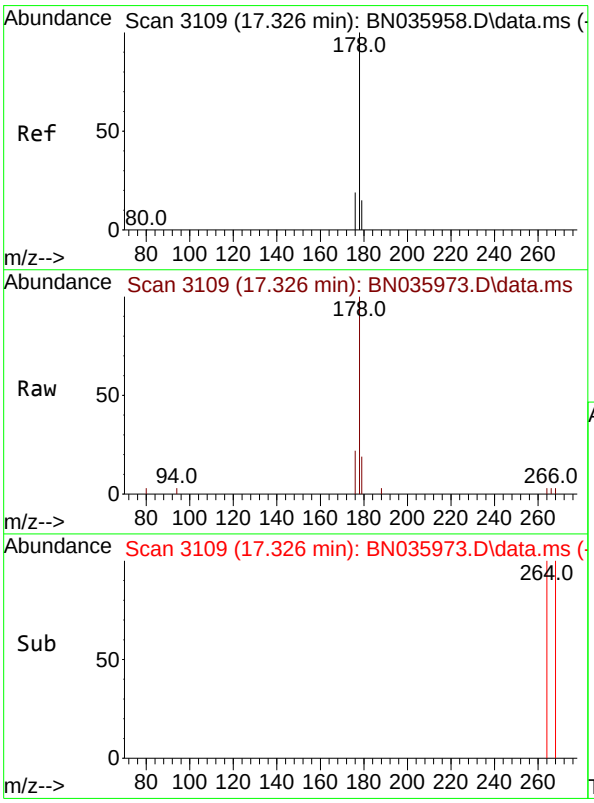
#15
Phenanthrene
Concen: 0.185 ng/ul
RT: 17.238 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Instrument :
BNA_N
ClientSampleId :
SLCS107

Tgt Ion:178 Resp: 2654

Ion	Ratio	Lower	Upper
178	100		
179	18.9	13.4	20.0
176	22.2	16.8	25.2

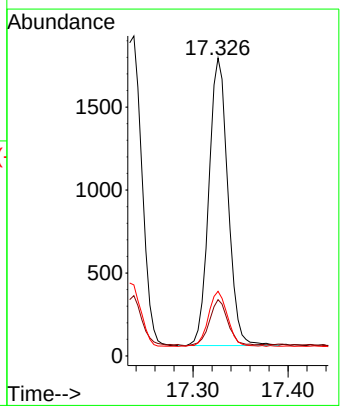


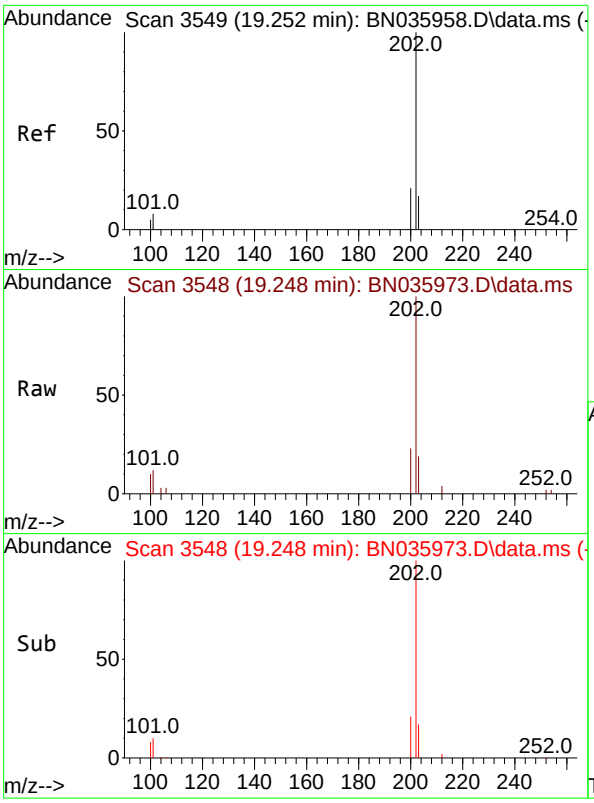


#16
Anthracene
Concen: 0.175 ng/ul
RT: 17.326 min Scan# 3109
Delta R.T. -0.008 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Tgt Ion:178 Resp: 2416

Ion	Ratio	Lower	Upper
178	100		
179	18.9	13.8	20.8
176	21.7	16.3	24.5



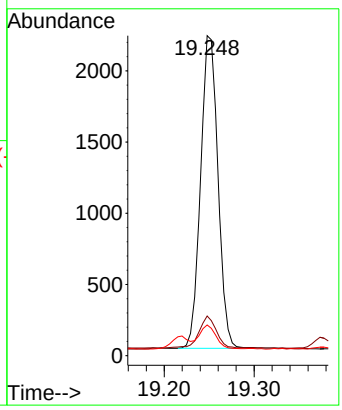


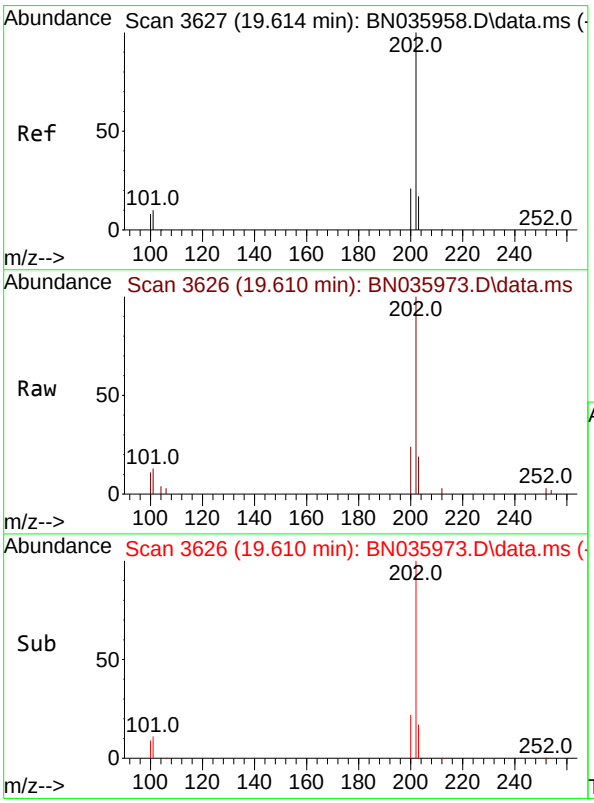
#19
Fluoranthene
Concen: 0.196 ng/ul
RT: 19.248 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Instrument :
BNA_N
ClientSampleId :
SLCS107

Tgt Ion:202 Resp: 2953

Ion	Ratio	Lower	Upper
202	100		
101	12.4	8.7	13.1
100	9.6	7.1	10.7

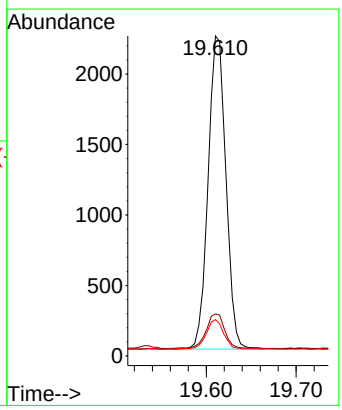


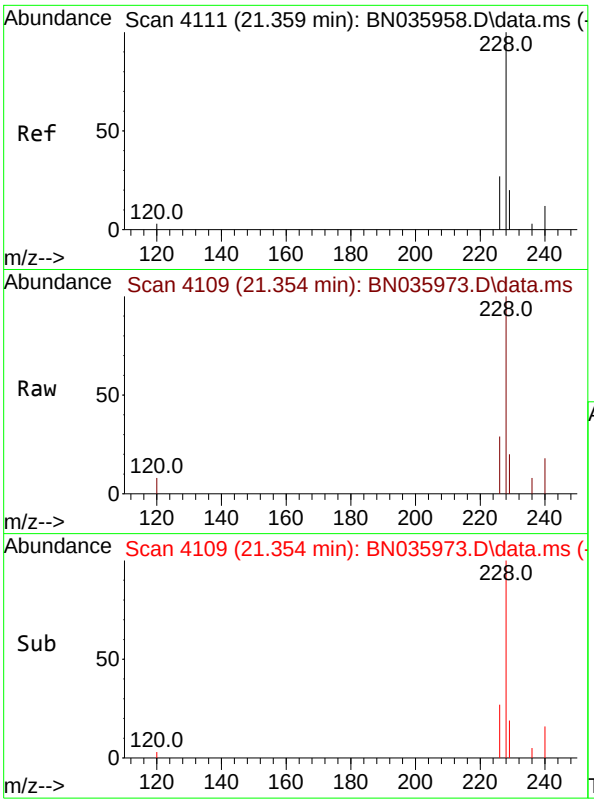


#20
Pyrene
Concen: 0.194 ng/ul
RT: 19.610 min Scan# 3626
Delta R.T. -0.009 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Tgt Ion:202 Resp: 3052

Ion	Ratio	Lower	Upper
202	100		
101	13.2	9.8	14.6
100	11.4	8.2	12.2



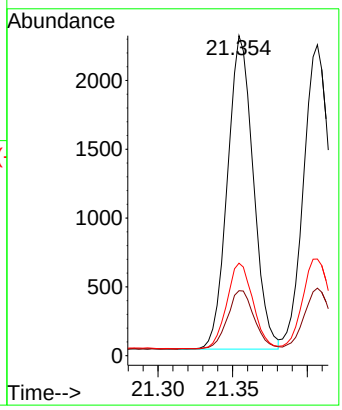


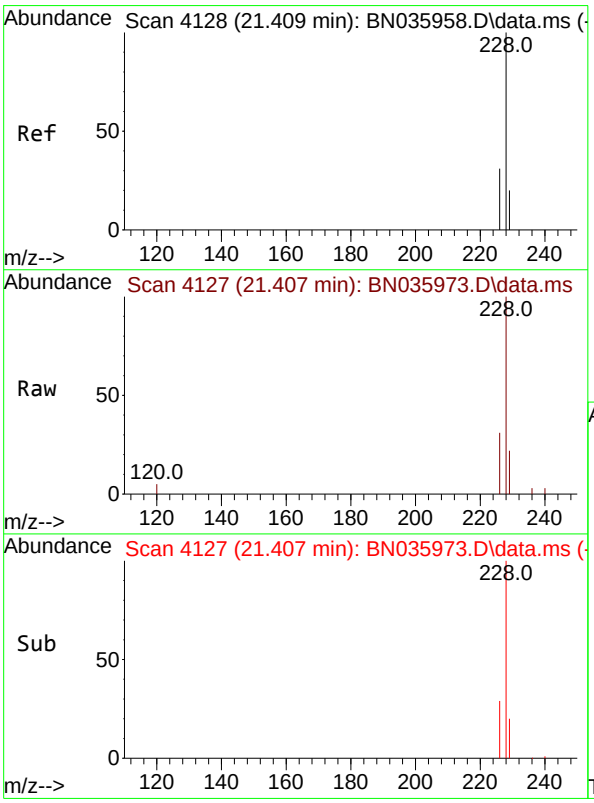
#21
Benzo(a)anthracene
Concen: 0.185 ng/ul
RT: 21.354 min Scan# 4
Delta R.T. -0.008 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Instrument :
BNA_N
ClientSampleId :
SLCS107

Tgt Ion:228 Resp: 2738

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.8
226	28.9	22.4	33.6

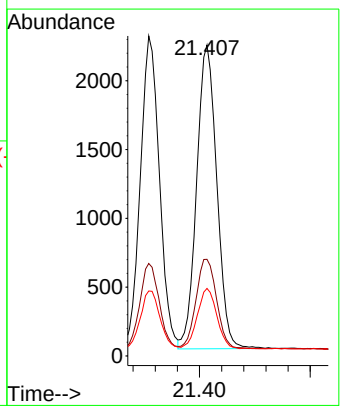


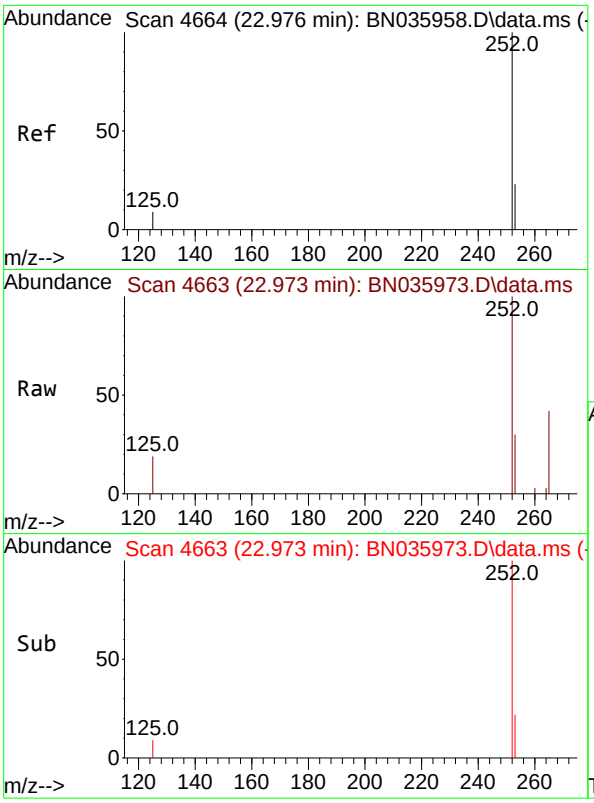


#22
Chrysene
Concen: 0.190 ng/ul
RT: 21.407 min Scan# 4127
Delta R.T. -0.008 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Tgt Ion:228 Resp: 2790

Ion	Ratio	Lower	Upper
228	100		
226	31.1	25.3	37.9
229	21.7	15.9	23.9



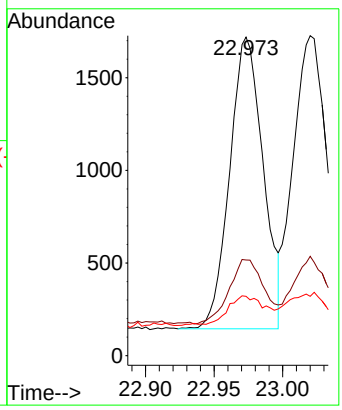


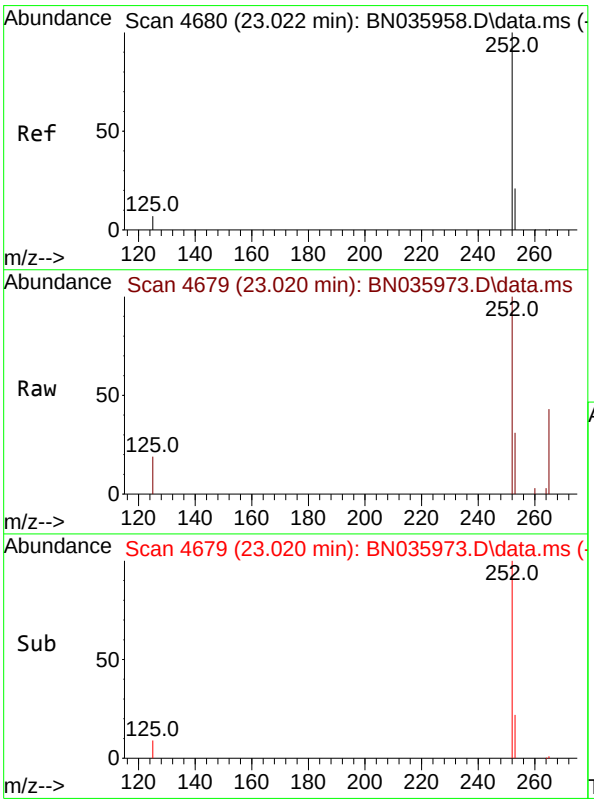
#24
Benzo(b)fluoranthene
Concen: 0.199 ng/ul
RT: 22.973 min Scan# 4
Delta R.T. -0.014 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Instrument :
BNA_N
ClientSampleId :
SLCS107

Tgt Ion:252 Resp: 2676

Ion	Ratio	Lower	Upper
252	100		
253	30.0	0.0	49.4
125	18.6	0.0	26.4

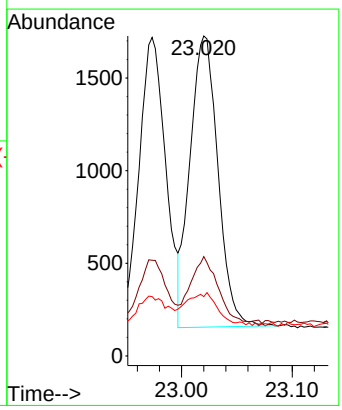


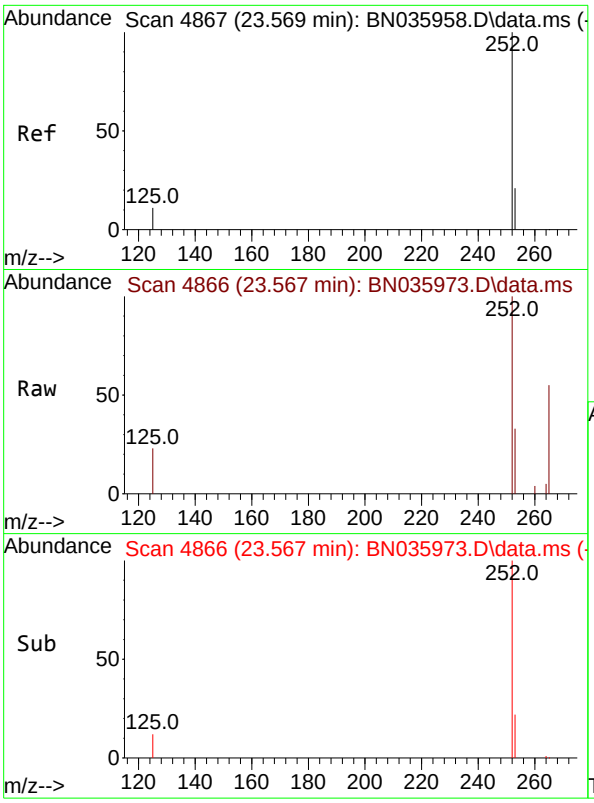


#25
Benzo(k)fluoranthene
Concen: 0.200 ng/ul
RT: 23.020 min Scan# 4679
Delta R.T. -0.011 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Tgt Ion:252 Resp: 2759

Ion	Ratio	Lower	Upper
252	100		
253	31.0	19.8	29.8#
125	18.5	11.4	17.0#



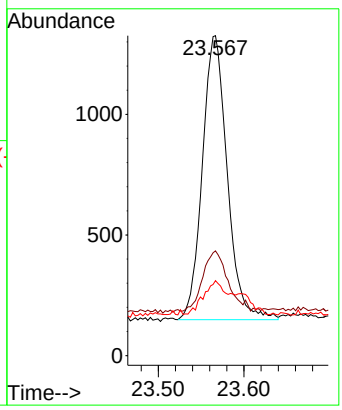


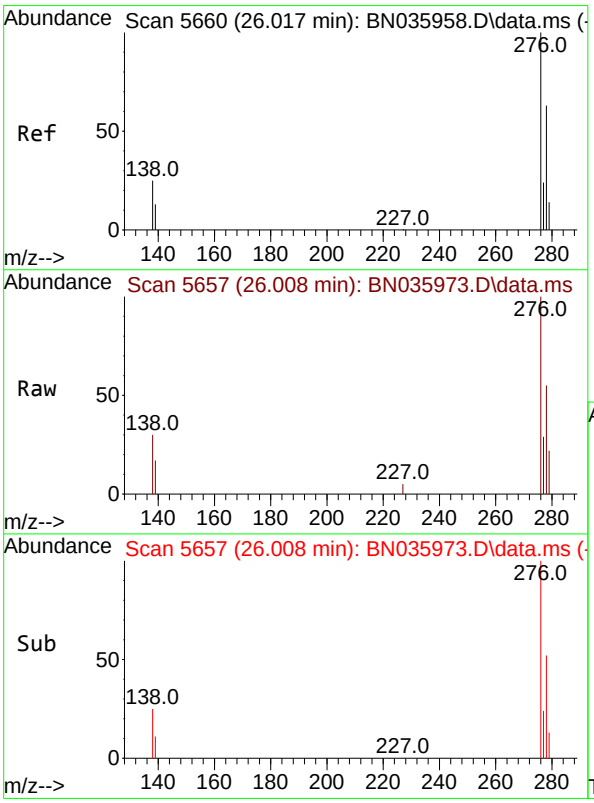
#26
Benzo(a)pyrene
Concen: 0.189 ng/ul
RT: 23.567 min Scan# 4
Delta R.T. -0.011 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Instrument :
BNA_N
ClientSampleId :
SLCS107

Tgt Ion:252 Resp: 2379

Ion	Ratio	Lower	Upper
252	100		
253	32.7	20.2	30.4#
125	23.5	12.2	18.4#

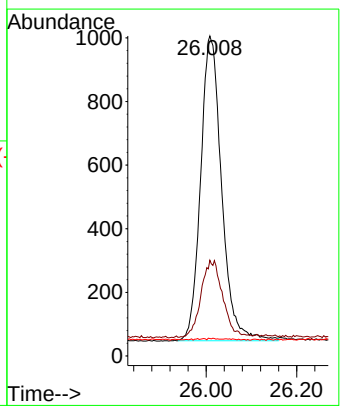


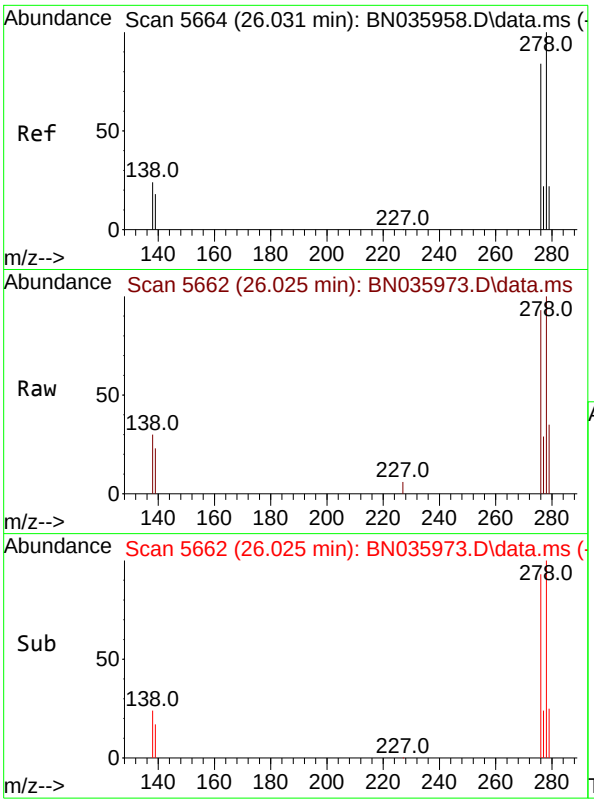


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.189 ng/ul
RT: 26.008 min Scan# 5657
Delta R.T. -0.020 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Tgt Ion:276 Resp: 3083

Ion	Ratio	Lower	Upper
276	100		
138	25.9	0.1	0.1#
227	0.2	0.0	0.0#



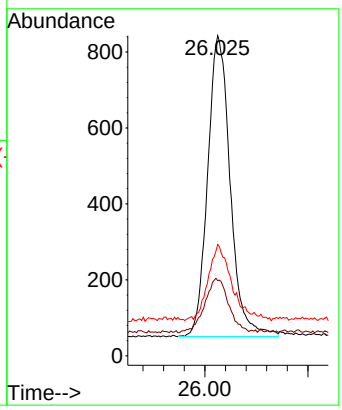


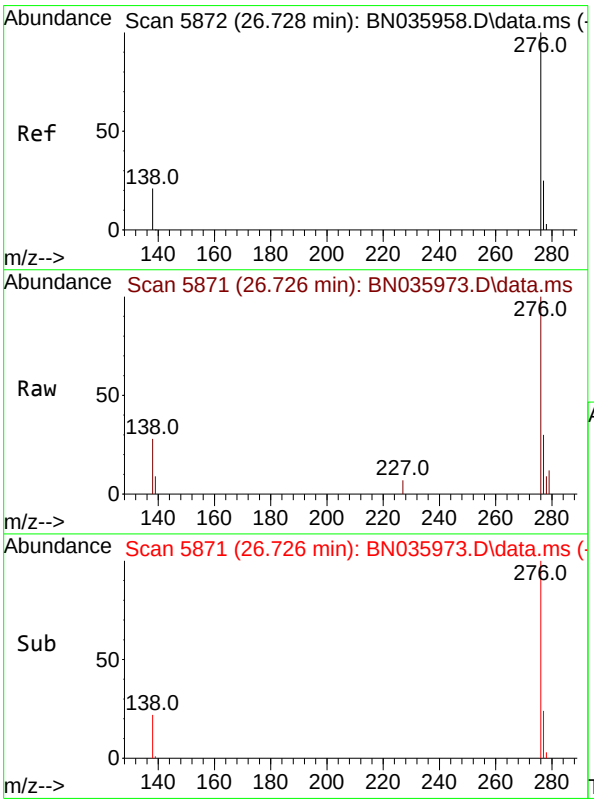
#28
Dibenzo(a,h)anthracene
Concen: 0.187 ng/ul
RT: 26.025 min Scan# 5
Delta R.T. -0.023 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Instrument :
BNA_N
ClientSampleId :
SLCS107

Tgt Ion:278 Resp: 2402

Ion	Ratio	Lower	Upper
278	100		
139	23.5	15.5	23.3#
279	34.8	22.8	34.2#





#29
Benzo(g,h,i)perylene
Concen: 0.190 ng/ul
RT: 26.726 min Scan# 5871
Delta R.T. -0.013 min
Lab File: BN035973.D
Acq: 18 Jan 2025 04:14

Tgt Ion:276 Resp: 2462

Ion	Ratio	Lower	Upper
276	100		
138	27.8	19.9	29.9
277	30.4	21.0	31.6