Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036285.D
Acq On : 05 Feb 2025 06:43
Operator : RC/JU
Sample : PB166439BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS439

Quant Time: Feb 05 08:31:20 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 : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.779	152	2596	0.400	ng/ul	0.00
4) Naphthalene-d8	10.568	136	6027	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.419	164	3342	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.163	188	6717	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.348	240	6078	0.400	ng/ul	#-0.02
23) Perylene-d12	23.639	264	6569	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.256	96	2089	0.735	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.163	152	3495	0.459	ng/ul	0.00
18) Fluoranthene-d10	19.193	212	7162	0.429	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	5721	1.886	ng/ul	89
5) Naphthalene	10.617	128	6609	0.398	ng/ul	99
7) 2-Methylnaphthalene	12.240	142	4074	0.395	ng/ul	99
8) 1-Methylnaphthalene	12.454	142	4166	0.398	ng/ul	100
10) Acenaphthylene	14.136	152	5586	0.355	ng/ul	99
11) Acenaphthene	14.479	153	4443	0.383	ng/ul	96
12) Fluorene	15.469	166	4739	0.370	ng/ul	100
14) Pentachlorophenol	16.821	266	1441	0.612	ng/ul	99
15) Phenanthrene	17.205	178	7544	0.384	ng/ul	99
16) Anthracene	17.298	178	6569	0.359	ng/ul	99
19) Fluoranthene	19.221	202	8713	0.377	ng/ul#	95
20) Pyrene	19.583	202	9091	0.377	ng/ul#	93
21) Benzo(a)anthracene	21.333	228	8382	0.386	ng/ul	99
22) Chrysene	21.386	228	8953	0.404	ng/ul	99
24) Benzo(b)fluoranthene	22.946	252	8834	0.403	ng/ul	87
25) Benzo(k)fluoranthene	22.990	252	8944	0.388	ng/ul#	89
26) Benzo(a)pyrene	23.537	252	8198	0.414	ng/ul#	85
27) Indeno(1,2,3-cd)pyrene	25.957	276	10489	0.401	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.974	278	8293	0.411	ng/ul	95
29) Benzo(g,h,i)perylene	26.665	276	8380	0.412	ng/ul	97

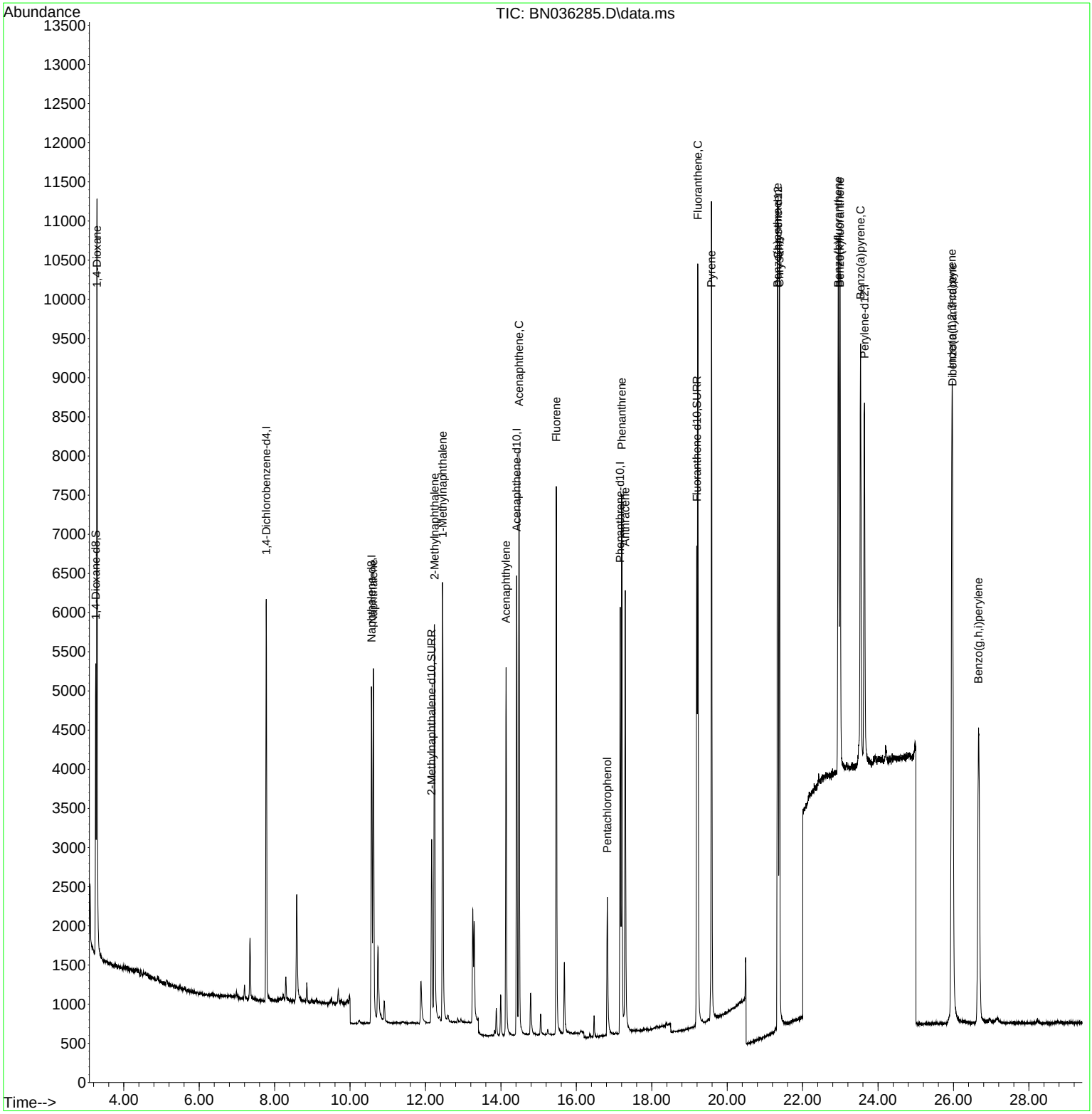
(#) = qualifier out of range (m) = manual integration (+) = signals summed

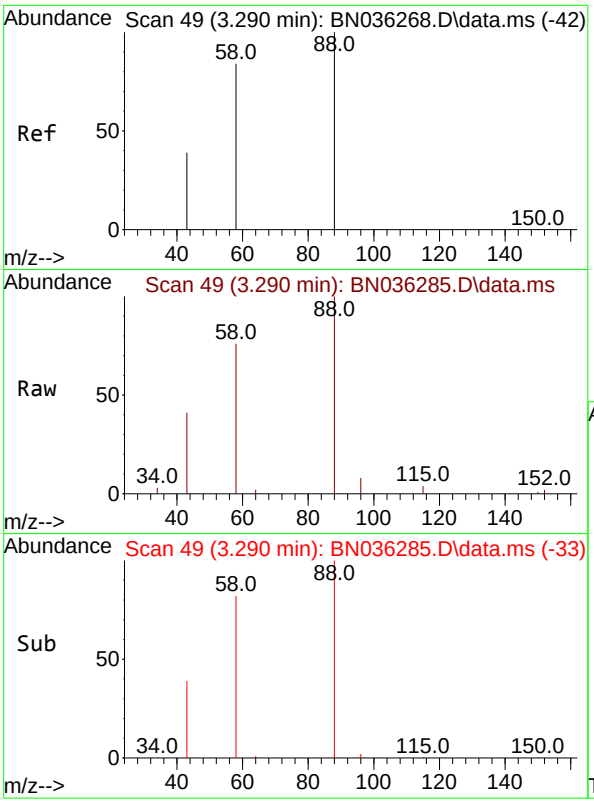
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020425\
Data File : BN036285.D
Acq On : 05 Feb 2025 06:43
Operator : RC/JU
Sample : PB166439BS
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS439

Quant Time: Feb 05 08:31:20 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 : Mon Feb 03 12:27:24 2025
Response via : Initial Calibration



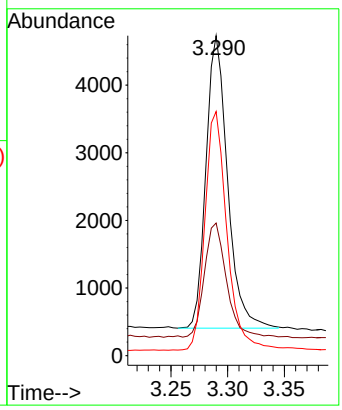


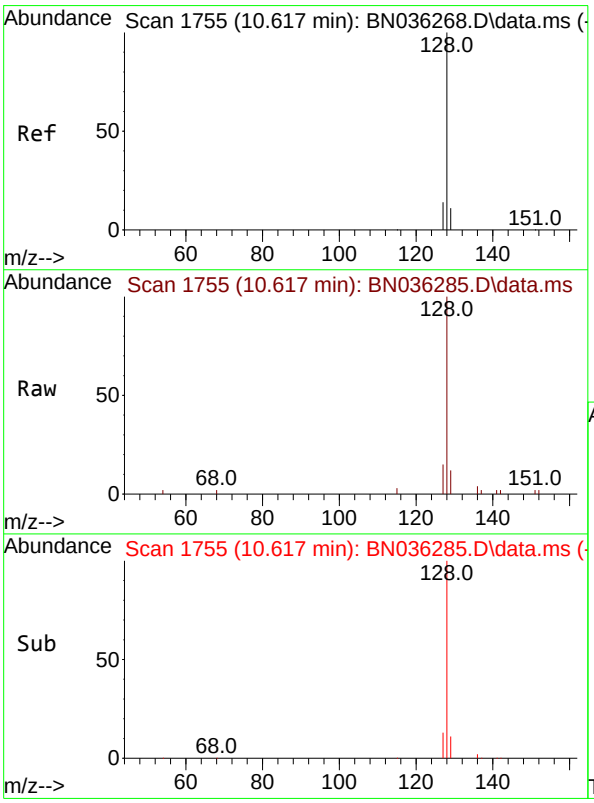
#2
1,4-Dioxane
Concen: 1.886 ng/ul
RT: 3.290 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Instrument :
BNA_N
ClientSampleId :
SLCS439

Tgt Ion: 88 Resp: 5721

Ion	Ratio	Lower	Upper
88	100		
43	41.4	40.7	61.1
58	76.3	55.2	82.8

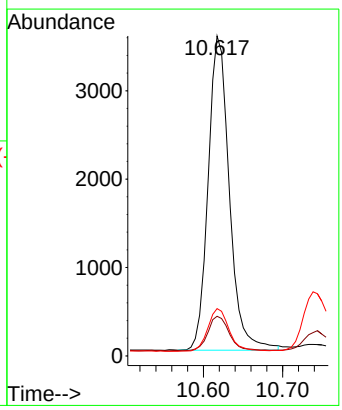


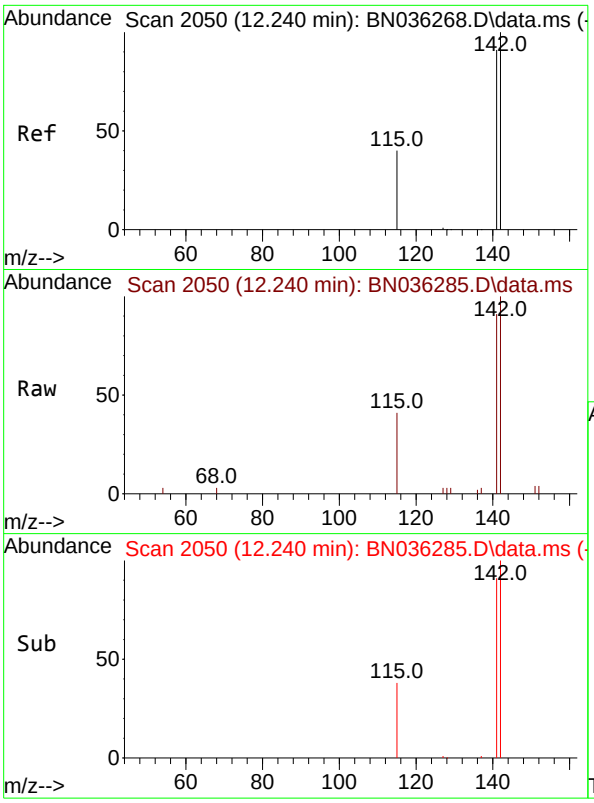


#5
Naphthalene
Concen: 0.398 ng/ul
RT: 10.617 min Scan# 1755
Delta R.T. -0.010 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Tgt Ion:128 Resp: 6609

Ion	Ratio	Lower	Upper
128	100		
129	12.4	9.6	14.4
127	14.8	12.0	18.0



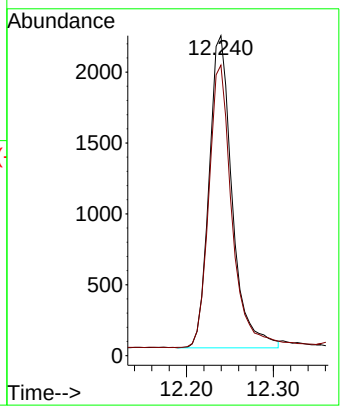


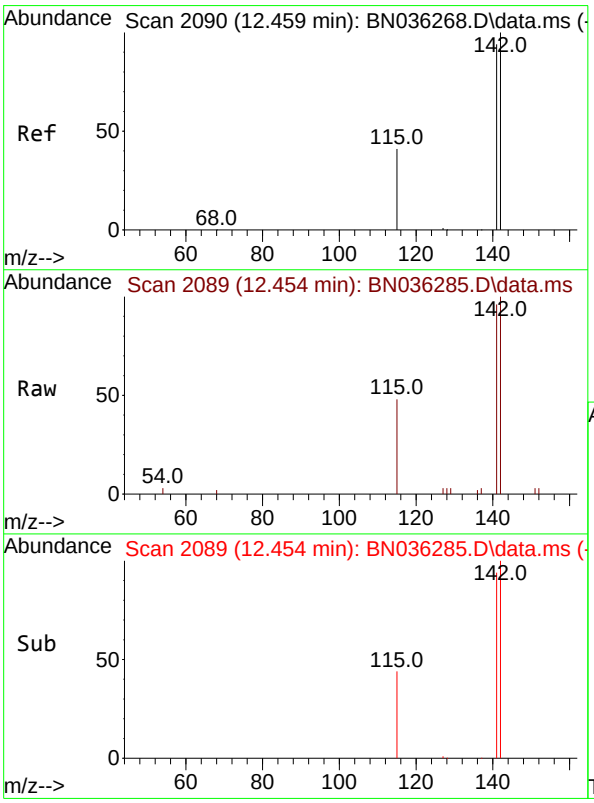
#7
2-Methylnaphthalene
Concen: 0.395 ng/ul
RT: 12.240 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Instrument :
BNA_N
ClientSampleId :
SLCS439

Tgt Ion:142 Resp: 4074

Ion	Ratio	Lower	Upper
142	100		
141	90.5	71.9	107.9

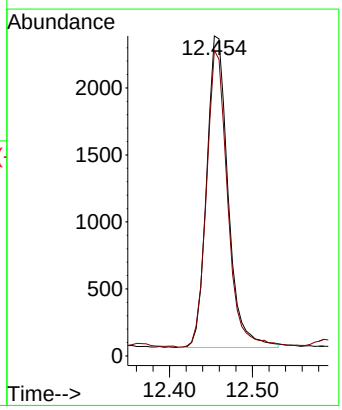


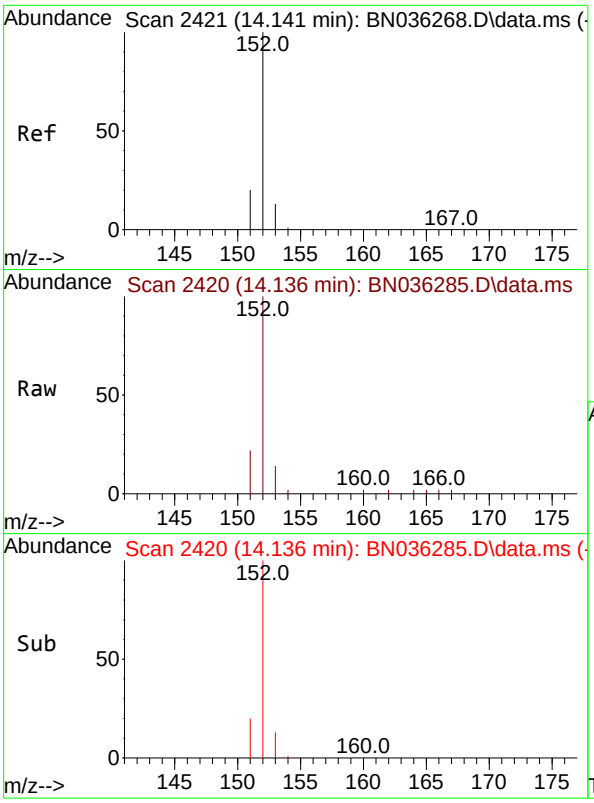


#8
1-Methylnaphthalene
Concen: 0.398 ng/ul
RT: 12.454 min Scan# 2089
Delta R.T. -0.010 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Tgt Ion:142 Resp: 4166

Ion	Ratio	Lower	Upper
142	100		
141	93.8	75.2	112.8



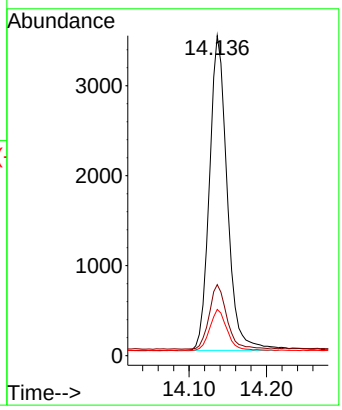


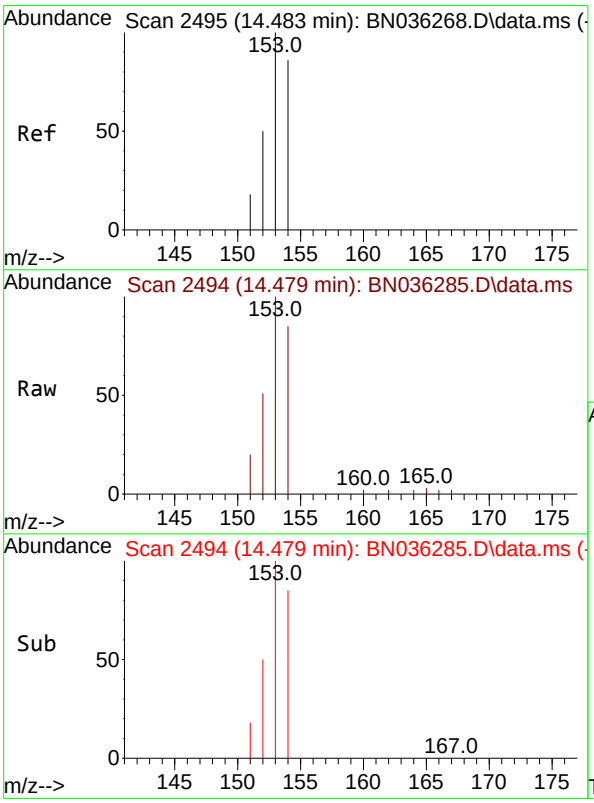
#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 14.136 min Scan# 24
Delta R.T. -0.008 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Instrument :
BNA_N
ClientSampleId :
SLCS439

Tgt Ion:152 Resp: 5586

Ion	Ratio	Lower	Upper
152	100		
151	22.2	17.4	26.2
153	14.5	11.9	17.9

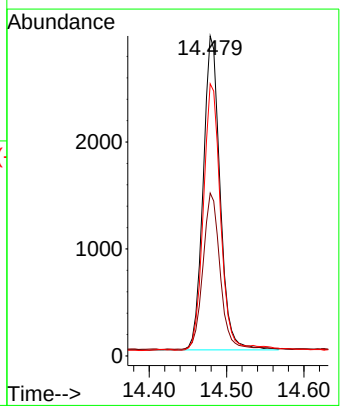


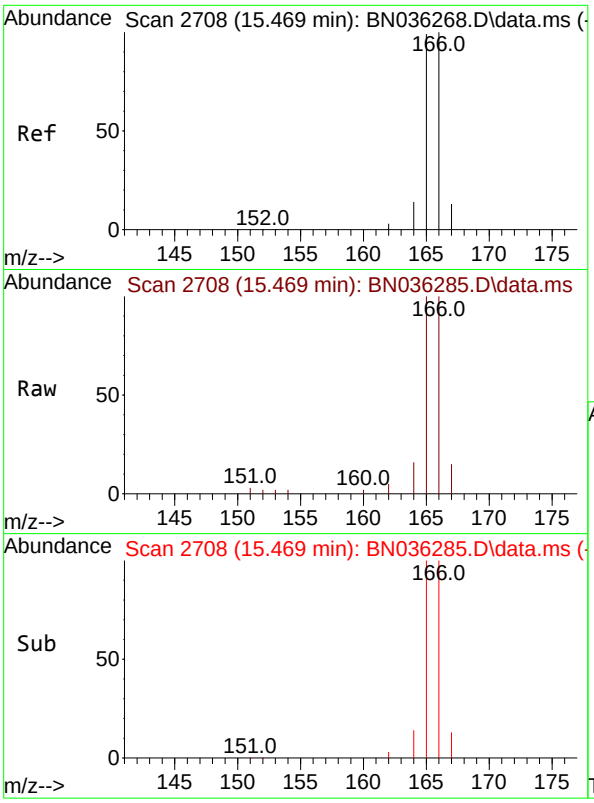


#11
Acenaphthene
Concen: 0.383 ng/ul
RT: 14.479 min Scan# 2494
Delta R.T. -0.013 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Tgt Ion:153 Resp: 4443

Ion	Ratio	Lower	Upper
153	100		
152	50.9	43.2	64.8
154	85.0	70.5	105.7



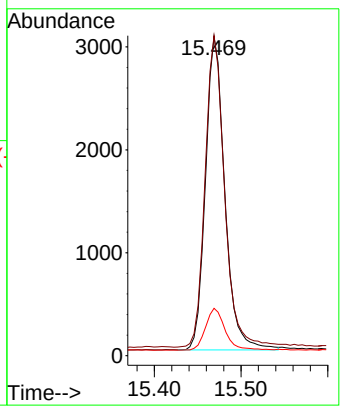


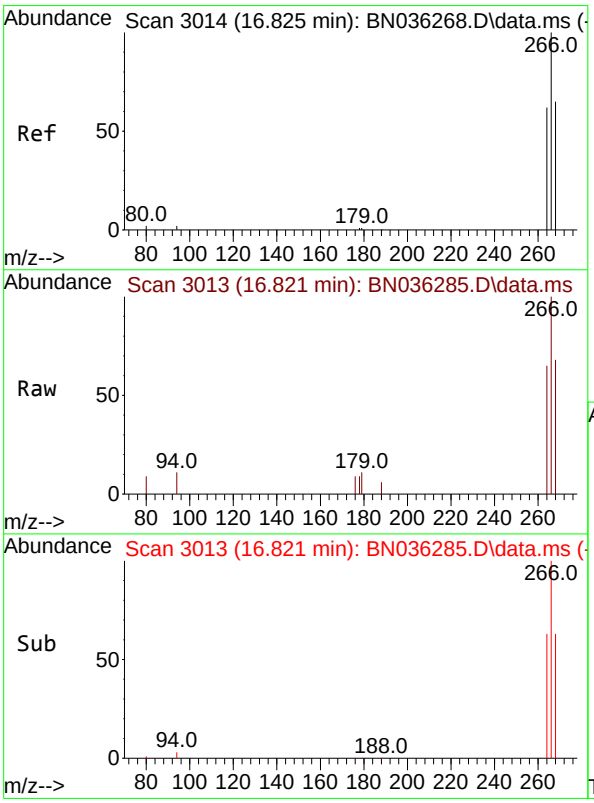
#12
Fluorene
Concen: 0.370 ng/ul
RT: 15.469 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Instrument :
BNA_N
ClientSampleId :
SLCS439

Tgt Ion:166 Resp: 4739

Ion	Ratio	Lower	Upper
166	100		
165	100.3	80.3	120.5
167	14.9	12.3	18.5

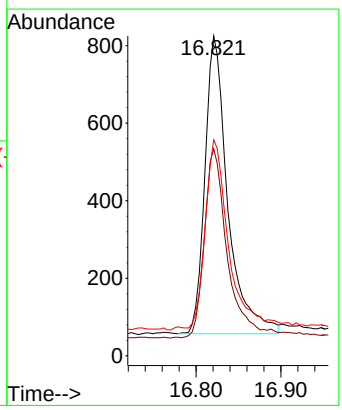


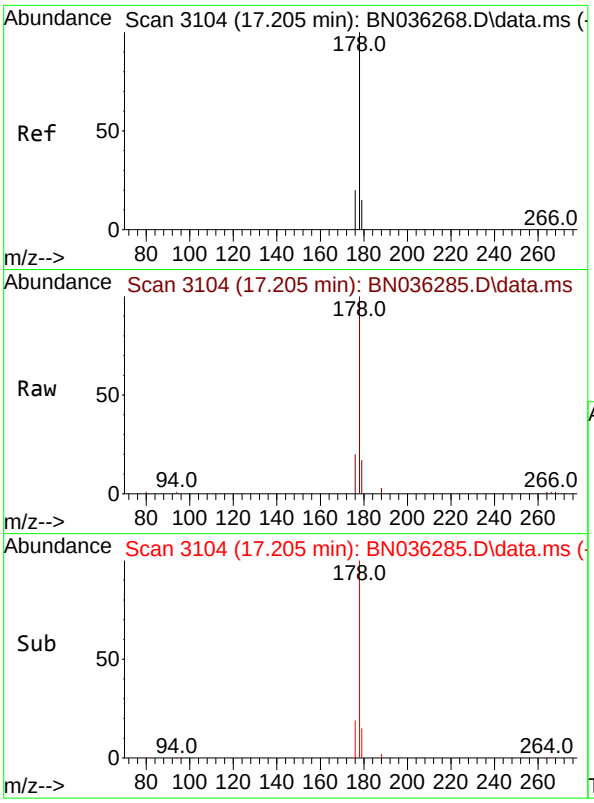


#14
Pentachlorophenol
Concen: 0.612 ng/ul
RT: 16.821 min Scan# 3013
Delta R.T. -0.007 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Tgt Ion:266 Resp: 1441

Ion	Ratio	Lower	Upper
266	100		
264	64.0	50.6	75.8
268	64.1	50.6	75.8



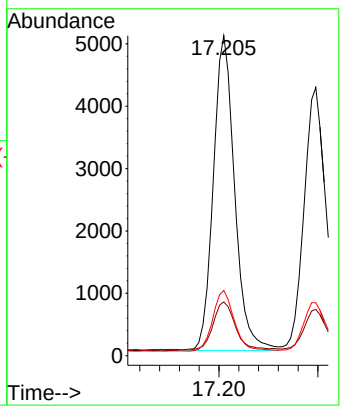


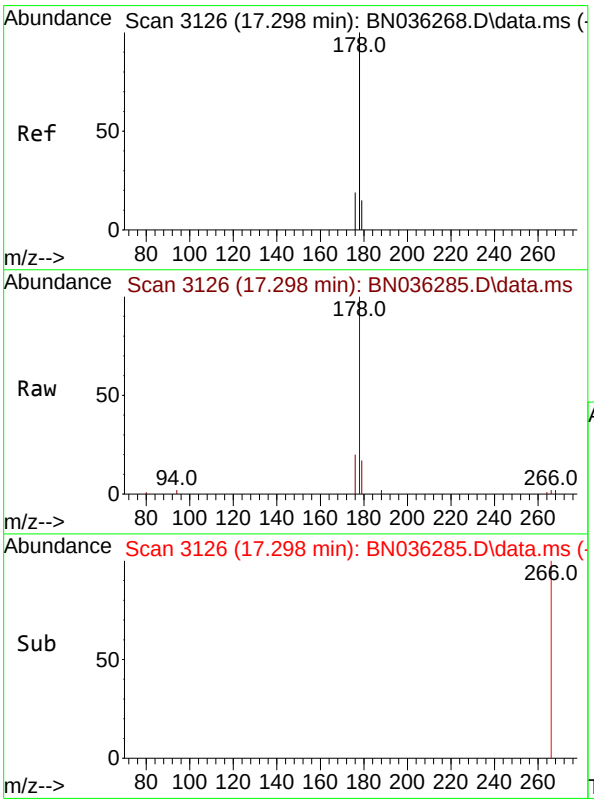
#15
Phenanthrene
Concen: 0.384 ng/ul
RT: 17.205 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Instrument :
BNA_N
ClientSampleId :
SLCS439

Tgt Ion:178 Resp: 7544

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.2	19.8
176	20.4	16.8	25.2

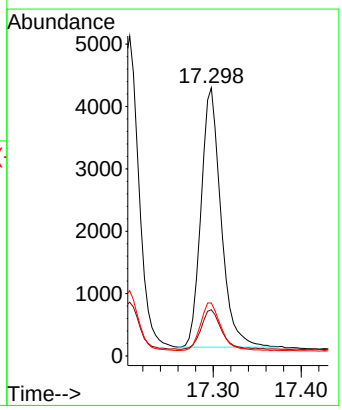


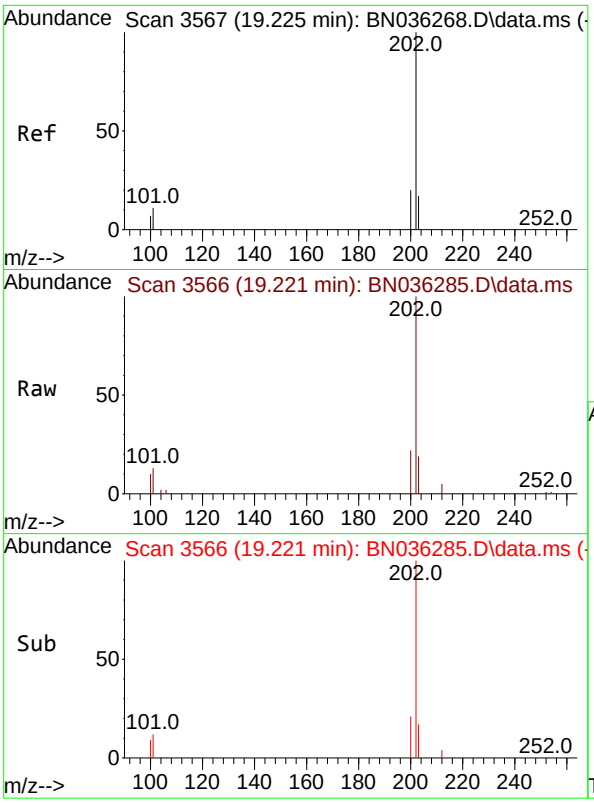


#16
Anthracene
Concen: 0.359 ng/ul
RT: 17.298 min Scan# 3126
Delta R.T. -0.007 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Tgt Ion:178 Resp: 6569

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.0	19.4
176	19.7	15.9	23.9



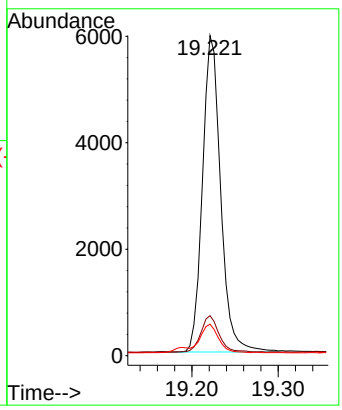


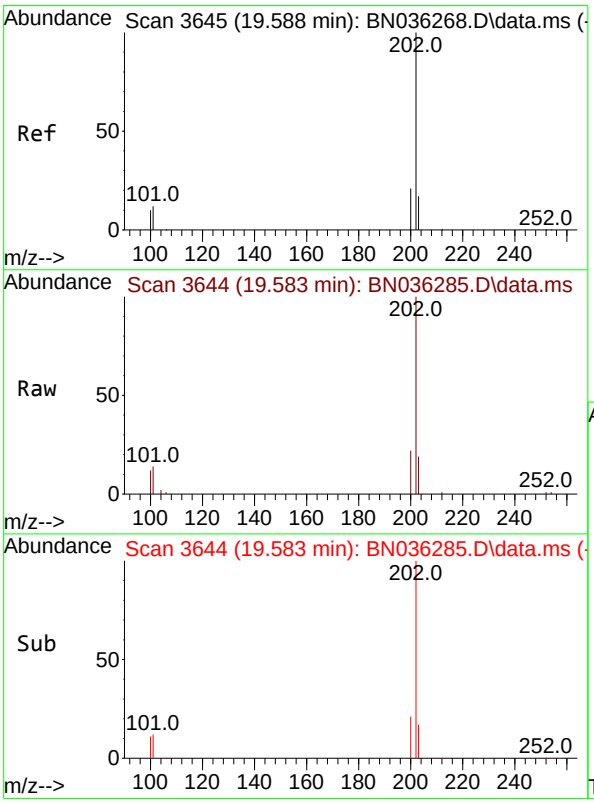
#19
Fluoranthene
Concen: 0.377 ng/ul
RT: 19.221 min Scan# 3
Delta R.T. -0.013 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Instrument :
BNA_N
ClientSampleId :
SLCS439

Tgt Ion:202 Resp: 8713

Ion	Ratio	Lower	Upper
202	100		
101	12.5	8.4	12.6
100	9.8	6.5	9.7#

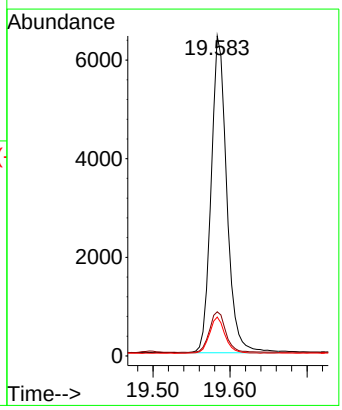


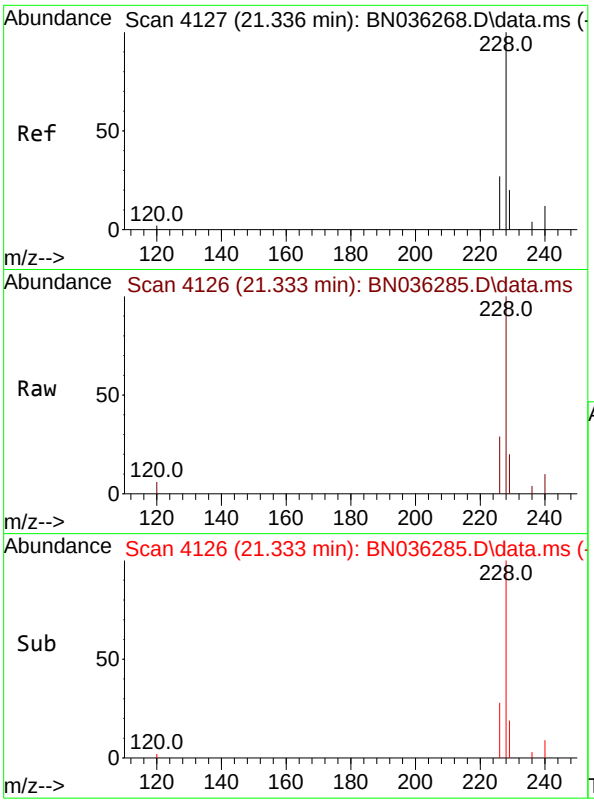


#20
Pyrene
Concen: 0.377 ng/ul
RT: 19.583 min Scan# 3644
Delta R.T. -0.013 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Tgt Ion:202 Resp: 9091

Ion	Ratio	Lower	Upper
202	100		
101	13.8	9.3	13.9
100	12.2	7.5	11.3#





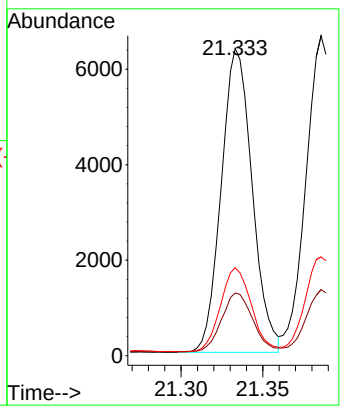
#21
Benzo(a)anthracene
Concen: 0.386 ng/ul
RT: 21.333 min Scan# 4

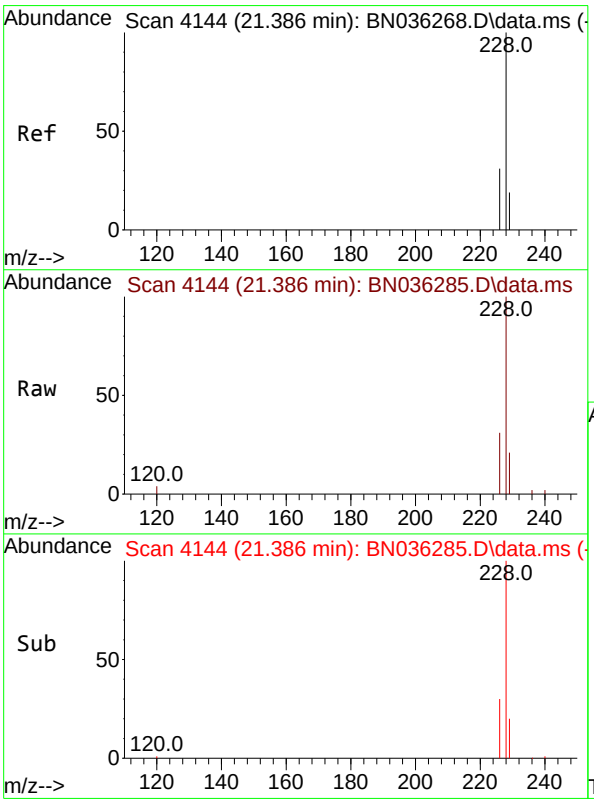
Instrument :
BNA_N
ClientSampleId :
SLCS439

Delta R.T. -0.012 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Tgt Ion:228 Resp: 8382

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	28.7	22.8	34.2

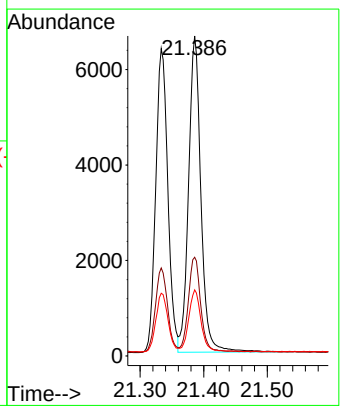


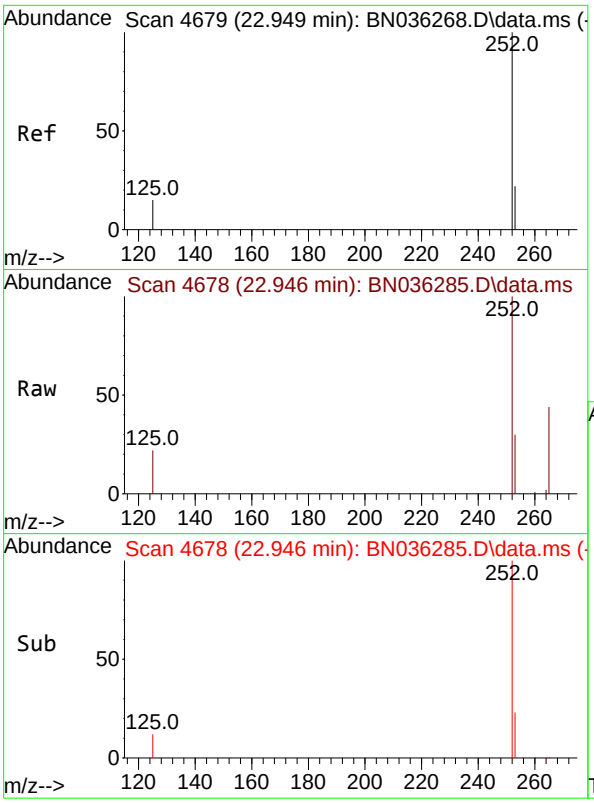


#22
Chrysene
Concen: 0.404 ng/ul
RT: 21.386 min Scan# 4144
Delta R.T. -0.012 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Tgt Ion:228 Resp: 8953

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.4	36.6
229	20.6	15.9	23.9



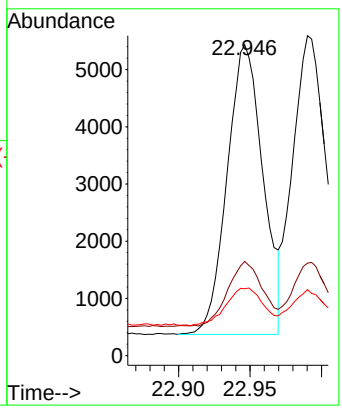


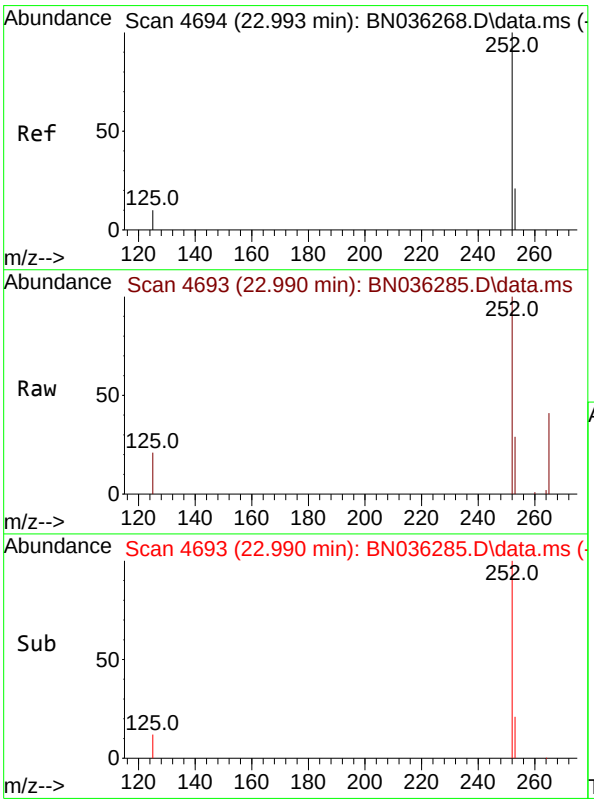
#24
Benzo(b)fluoranthene
Concen: 0.403 ng/ul
RT: 22.946 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Instrument :
BNA_N
ClientSampleId :
SLCS439

Tgt Ion:252 Resp: 8834

Ion	Ratio	Lower	Upper
252	100		
253	30.3	0.0	51.2
125	21.5	0.0	27.8

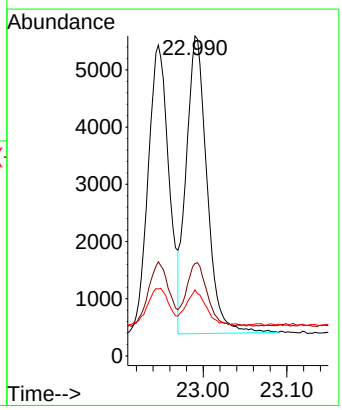


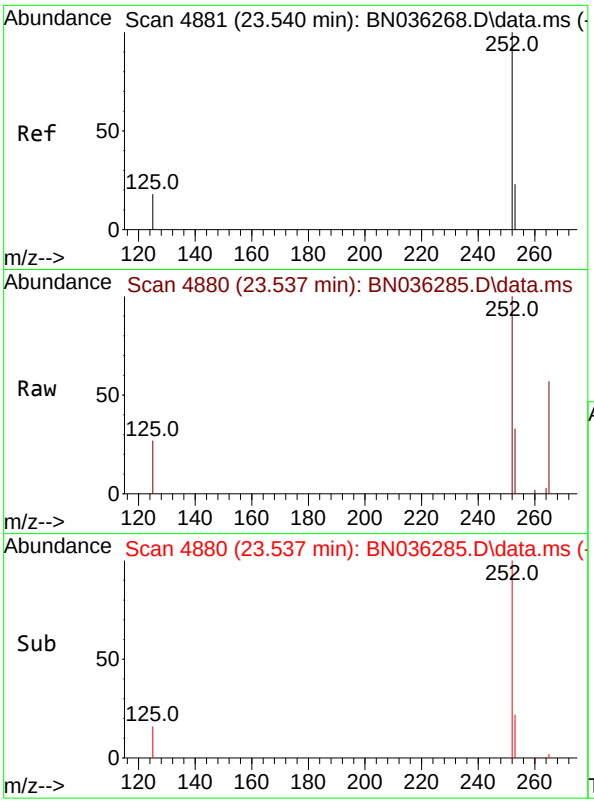


#25
Benzo(k)fluoranthene
Concen: 0.388 ng/ul
RT: 22.990 min Scan# 4693
Delta R.T. -0.018 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Tgt Ion:252 Resp: 8944

Ion	Ratio	Lower	Upper
252	100		
253	28.9	20.2	30.4
125	20.7	10.6	16.0#



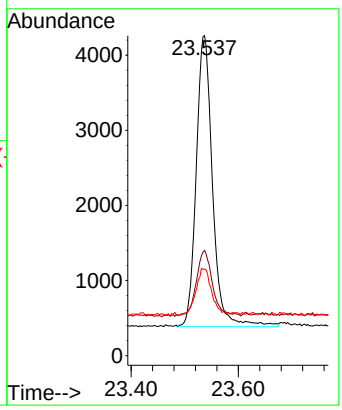


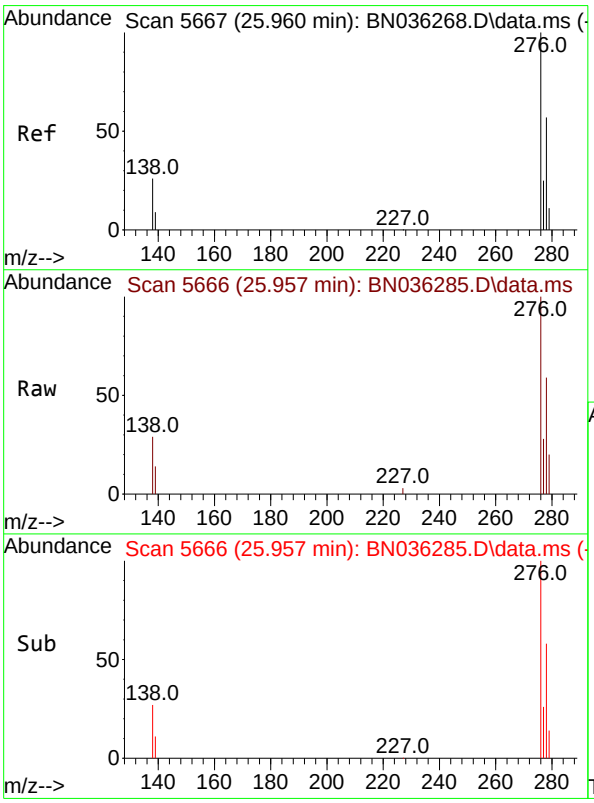
#26
Benzo(a)pyrene
Concen: 0.414 ng/ul
RT: 23.537 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Instrument :
BNA_N
ClientSampleId :
SLCS439

Tgt Ion:252 Resp: 8198

Ion	Ratio	Lower	Upper
252	100		
253	32.9	22.2	33.4
125	27.1	13.1	19.7#

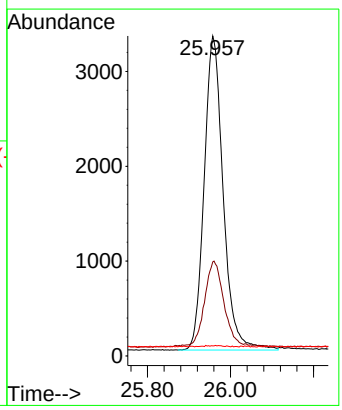


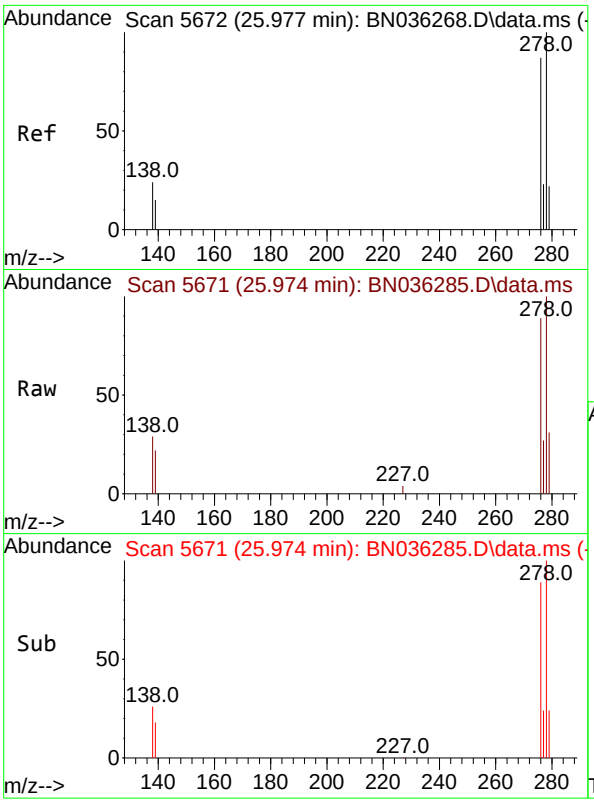


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.401 ng/ul
RT: 25.957 min Scan# 5666
Delta R.T. -0.031 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Tgt Ion:276 Resp: 10489

Ion	Ratio	Lower	Upper
276	100		
138	28.0	20.2	30.4
227	0.0	0.1	0.1#



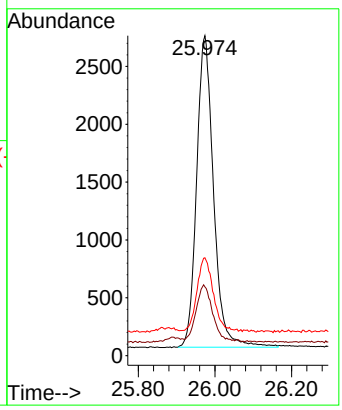


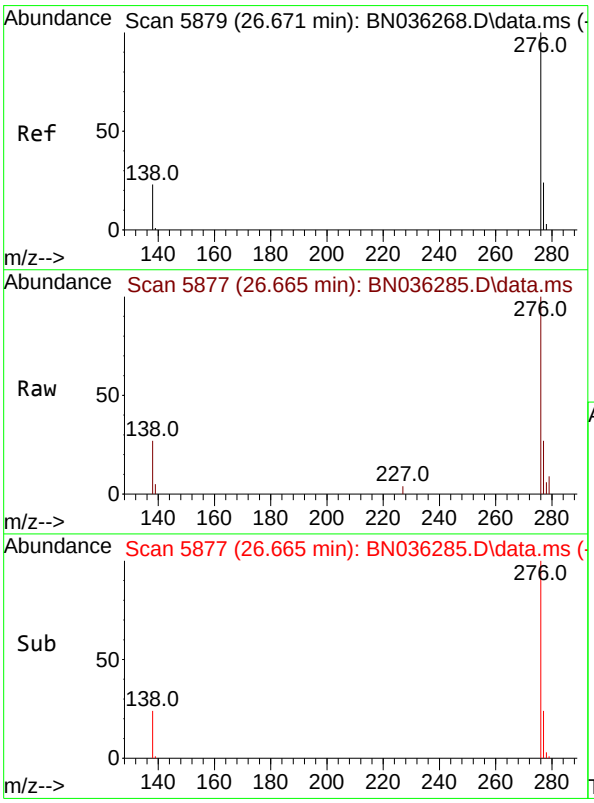
#28
Dibenzo(a,h)anthracene
Concen: 0.411 ng/ul
RT: 25.974 min Scan# 5
Delta R.T. -0.024 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Instrument :
BNA_N
ClientSampleId :
SLCS439

Tgt Ion:278 Resp: 8293

Ion	Ratio	Lower	Upper
278	100		
139	21.5	15.4	23.2
279	30.6	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 0.412 ng/ul
RT: 26.665 min Scan# 5877
Delta R.T. -0.038 min
Lab File: BN036285.D
Acq: 05 Feb 2025 06:43

Tgt Ion:276 Resp: 8380

Ion	Ratio	Lower	Upper
276	100		
138	27.1	19.4	29.0
277	26.7	21.1	31.7