Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036349.D
Acq On : 06 Feb 2025 23:22
Operator : RC/JU
Sample : PB166543BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS543

Quant Time: Feb 07 07:50:52 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 : Thu Feb 06 14:44:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.771	152	2119	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.562	136	4738	0.400	ng/ul	-0.02
9) Acenaphthene-d10	14.409	164	2517	0.400	ng/ul	-0.02
13) Phenanthrene-d10	17.154	188	4928	0.400	ng/ul	#-0.02
17) Chrysene-d12	21.342	240	4327	0.400	ng/ul	#-0.02
23) Perylene-d12	23.622	264	4632	0.400	ng/ul	#-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.252	96	1731	0.746	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.157	152	2327	0.389	ng/ul	0.00
18) Fluoranthene-d10	19.184	212	4483	0.377	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.286	88	4918	1.986	ng/ul	88
5) Naphthalene	10.612	128	5162	0.395	ng/ul	99
7) 2-Methylnaphthalene	12.229	142	3158	0.389	ng/ul	100
8) 1-Methylnaphthalene	12.449	142	3219	0.391	ng/ul	100
10) Acenaphthylene	14.127	152	4214	0.355	ng/ul	99
11) Acenaphthene	14.474	153	3357	0.384	ng/ul	98
12) Fluorene	15.464	166	3533	0.366	ng/ul	97
14) Pentachlorophenol	16.817	266	1098	0.636	ng/ul	99
15) Phenanthrene	17.196	178	5487	0.380	ng/ul	99
16) Anthracene	17.289	178	4742	0.354	ng/ul	98
19) Fluoranthene	19.216	202	6170	0.375	ng/ul#	95
20) Pyrene	19.579	202	6451	0.376	ng/ul#	93
21) Benzo(a)anthracene	21.324	228	5695	0.369	ng/ul	100
22) Chrysene	21.377	228	6233	0.395	ng/ul	99
24) Benzo(b)fluoranthene	22.935	252	6149	0.398	ng/ul	86
25) Benzo(k)fluoranthene	22.978	252	6382	0.393	ng/ul#	85
26) Benzo(a)pyrene	23.519	252	5724	0.410	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	25.940	276	7265	0.393	ng/ul#	95
28) Dibenzo(a,h)anthracene	25.954	278	5565	0.391	ng/ul#	90
29) Benzo(g,h,i)perylene	26.648	276	5959	0.416	ng/ul	96

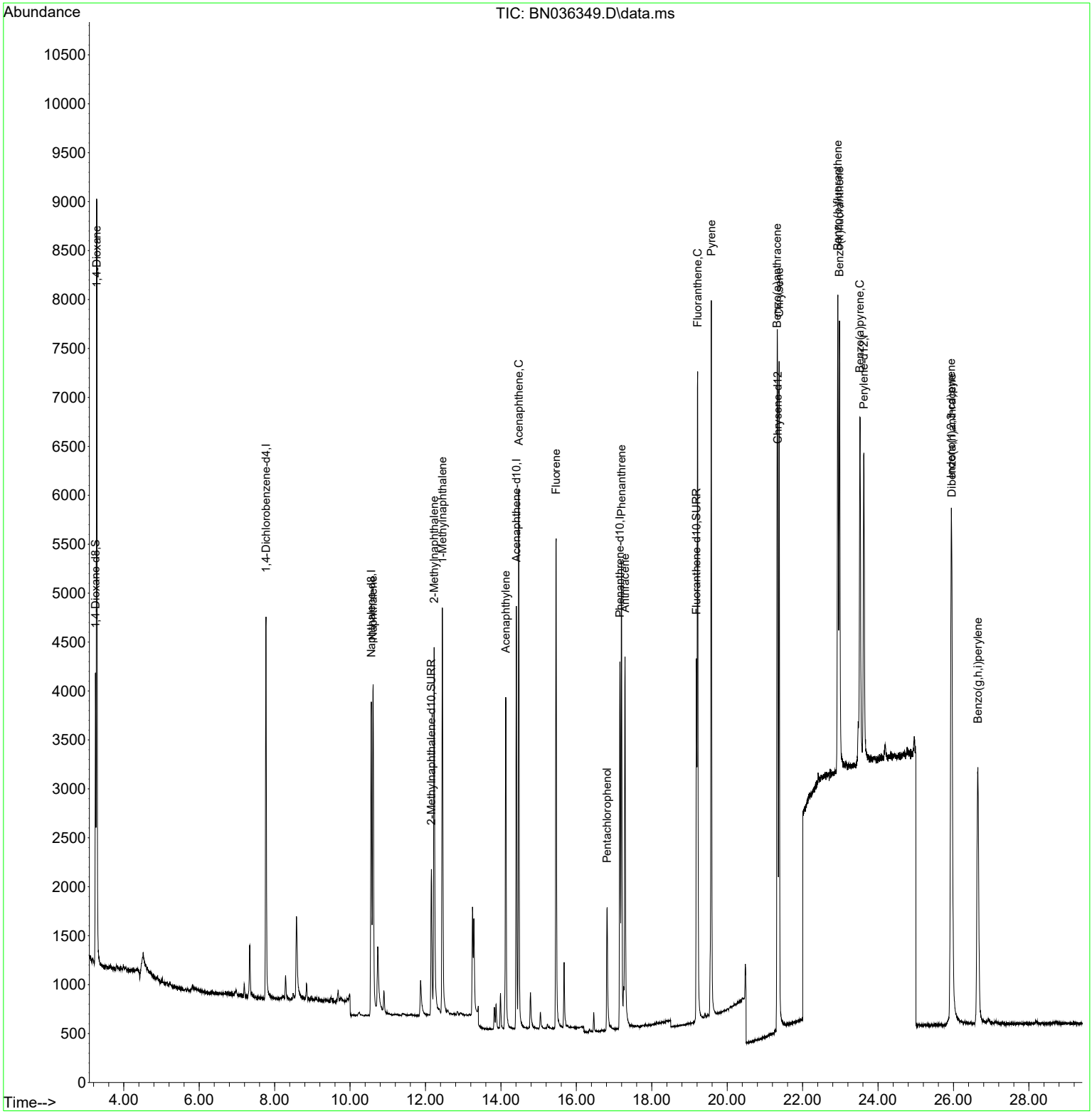
(#) = qualifier out of range (m) = manual integration (+) = signals summed

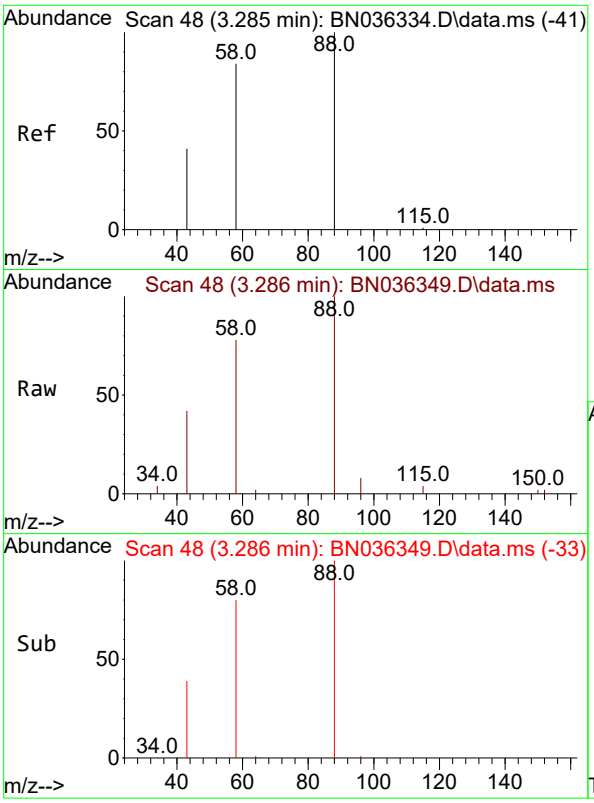
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036349.D
Acq On : 06 Feb 2025 23:22
Operator : RC/JU
Sample : PB166543BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS543

Quant Time: Feb 07 07:50:52 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 : Thu Feb 06 14:44:03 2025
Response via : Initial Calibration



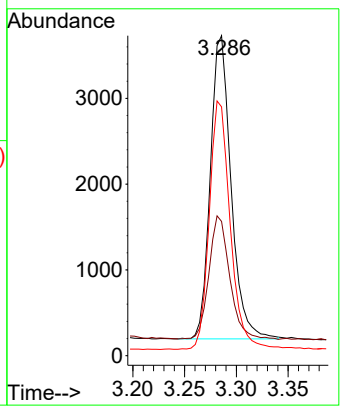


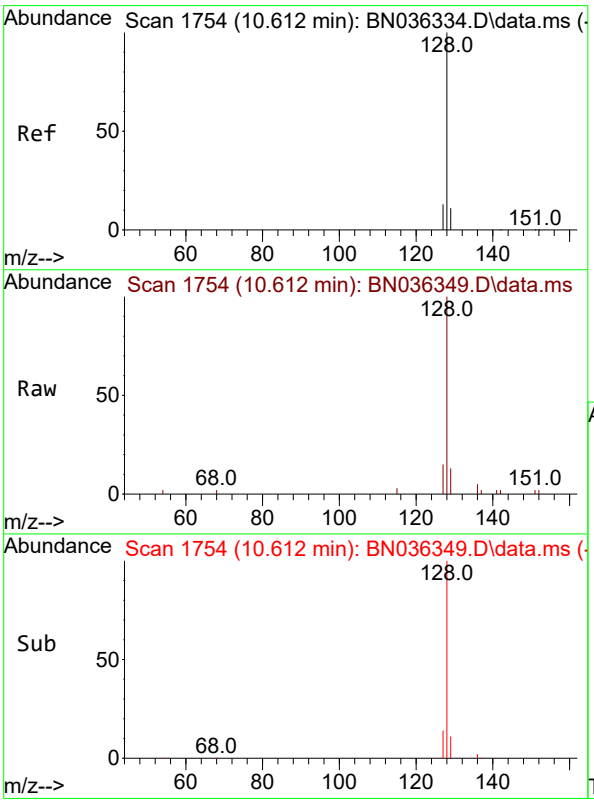
#2
1,4-Dioxane
Concen: 1.986 ng/ul
RT: 3.286 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Instrument :
BNA_N
ClientSampleId :
SLCS543

Tgt Ion: 88 Resp: 4918

Ion	Ratio	Lower	Upper
88	100		
43	42.0	40.7	61.1
58	77.8	55.2	82.8

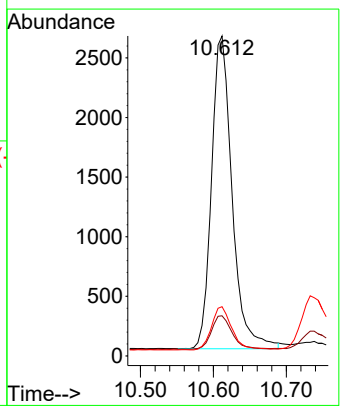


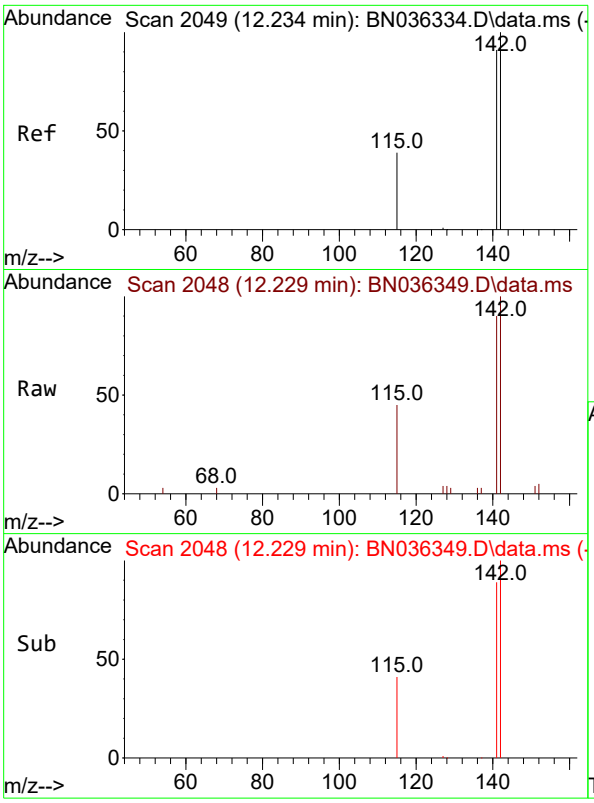


#5
Naphthalene
Concen: 0.395 ng/ul
RT: 10.612 min Scan# 1754
Delta R.T. -0.015 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Tgt Ion:128 Resp: 5162

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.6	14.4
127	15.4	12.0	18.0



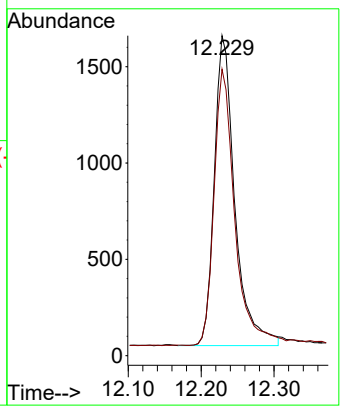


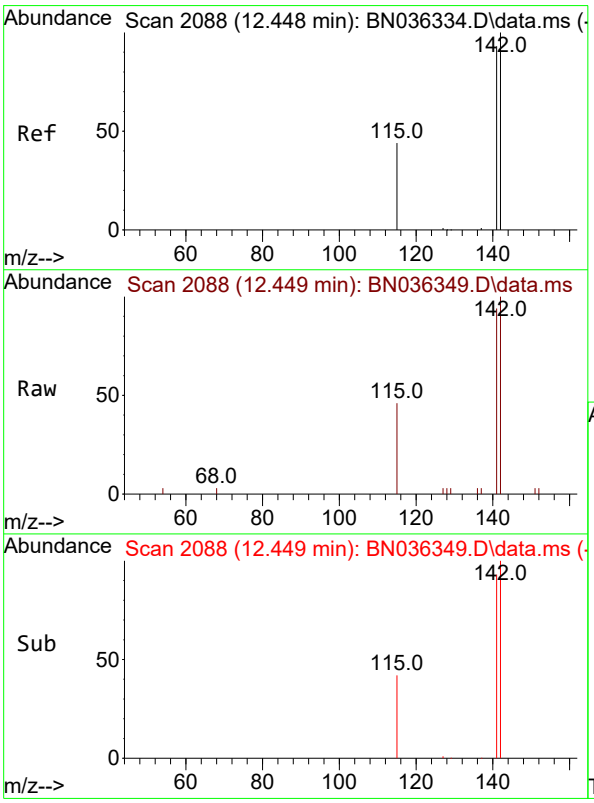
#7
2-Methylnaphthalene
Concen: 0.389 ng/ul
RT: 12.229 min Scan# 2
Delta R.T. -0.015 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Instrument :
BNA_N
ClientSampleId :
SLCS543

Tgt Ion:142 Resp: 3158

Ion	Ratio	Lower	Upper
142	100		
141	89.9	71.9	107.9

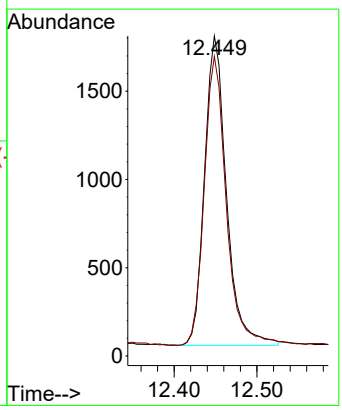


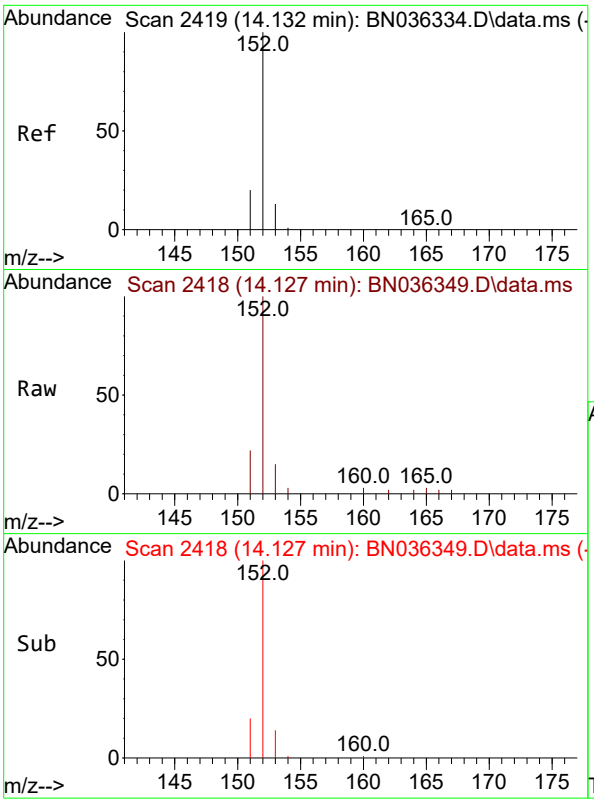


#8
1-Methylnaphthalene
Concen: 0.391 ng/ul
RT: 12.449 min Scan# 2088
Delta R.T. -0.015 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Tgt Ion:142 Resp: 3219

Ion	Ratio	Lower	Upper
142	100		
141	94.1	75.2	112.8



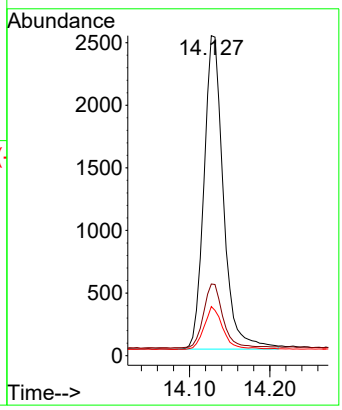


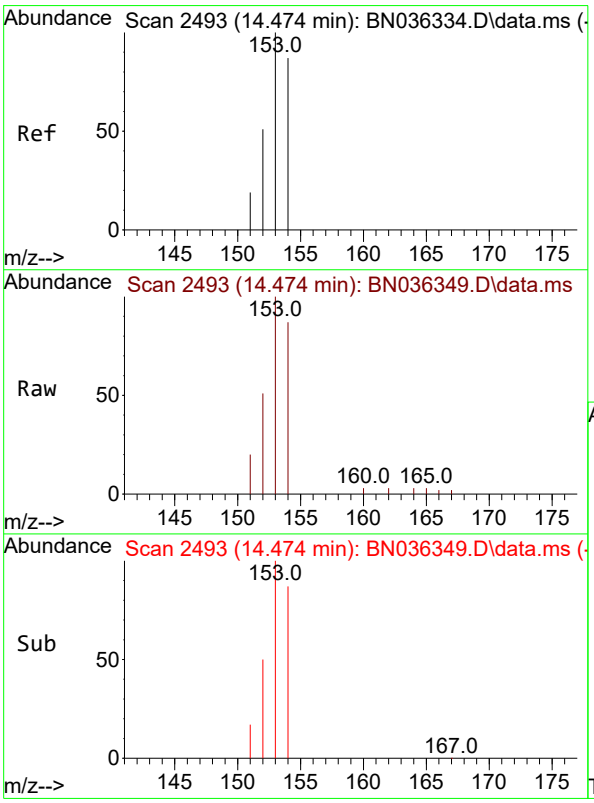
#10
Acenaphthylene
Concen: 0.355 ng/ul
RT: 14.127 min Scan# 24
Delta R.T. -0.017 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Instrument :
BNA_N
ClientSampleId :
SLCS543

Tgt Ion:152 Resp: 4214

Ion	Ratio	Lower	Upper
152	100		
151	22.4	17.4	26.2
153	15.3	11.9	17.9

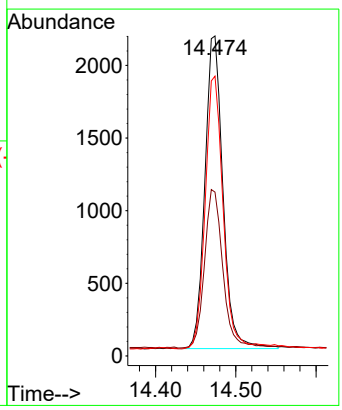


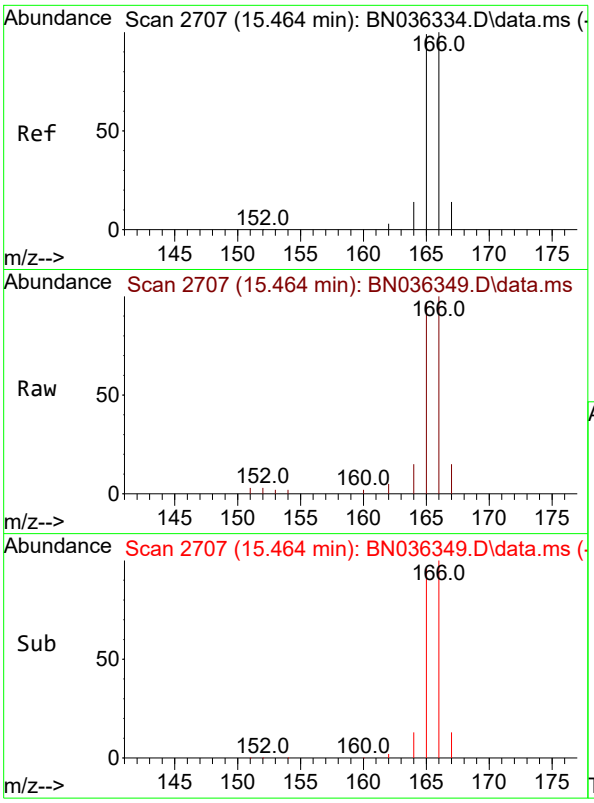


#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.474 min Scan# 2493
Delta R.T. -0.017 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Tgt Ion:153 Resp: 3357

Ion	Ratio	Lower	Upper
153	100		
152	51.2	43.2	64.8
154	87.5	70.5	105.7



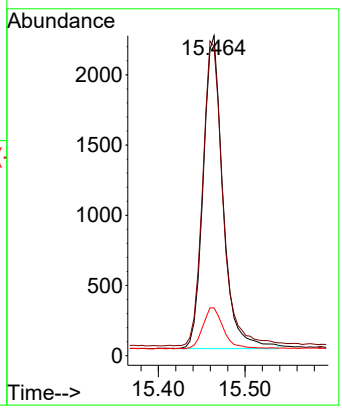


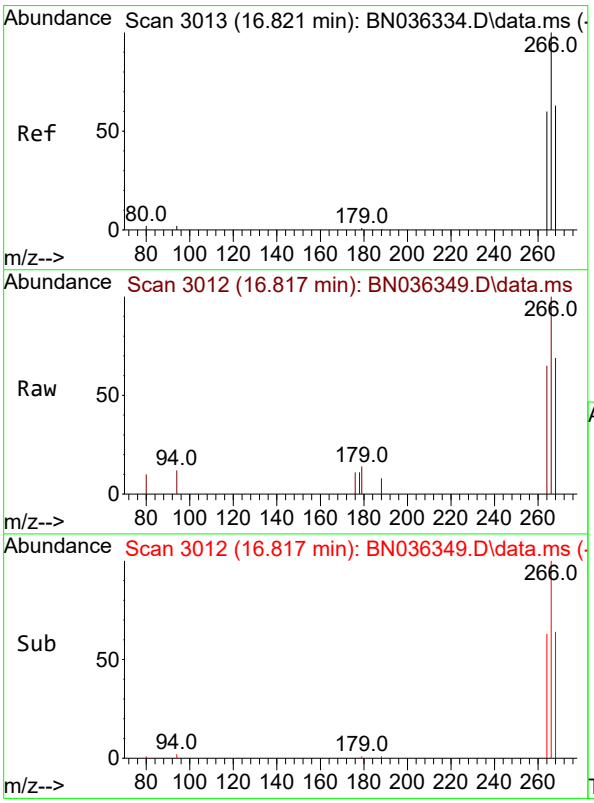
#12
Fluorene
Concen: 0.366 ng/ul
RT: 15.464 min Scan# 2
Delta R.T. -0.013 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Instrument :
BNA_N
ClientSampleId :
SLCS543

Tgt Ion:166 Resp: 3533

Ion	Ratio	Lower	Upper
166	100		
165	96.6	80.3	120.5
167	15.0	12.3	18.5

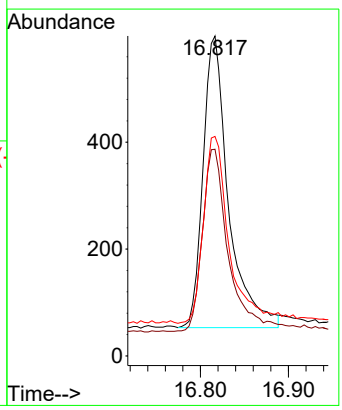


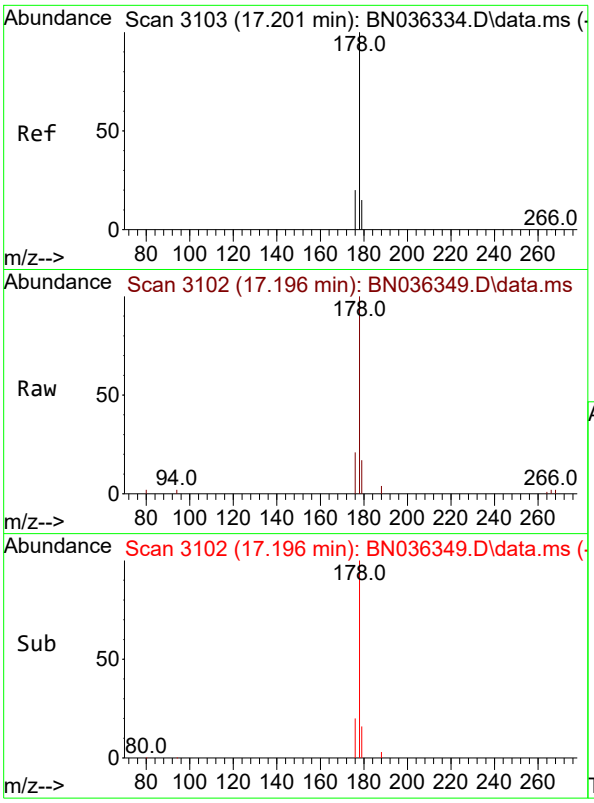


#14
Pentachlorophenol
Concen: 0.636 ng/ul
RT: 16.817 min Scan# 3012
Delta R.T. -0.012 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Tgt Ion:266 Resp: 1098

Ion	Ratio	Lower	Upper
266	100		
264	63.2	50.6	75.8
268	65.1	50.6	75.8



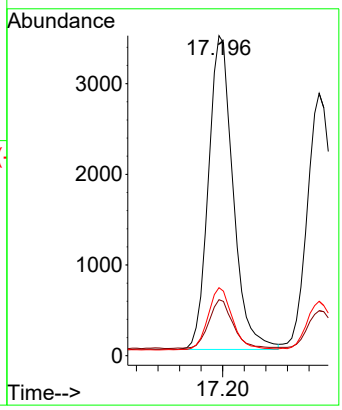


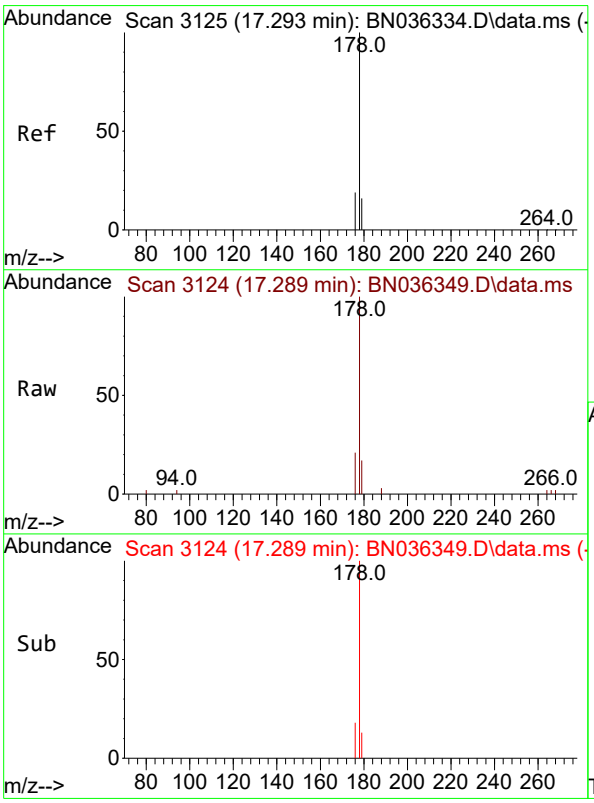
#15
Phenanthrene
Concen: 0.380 ng/ul
RT: 17.196 min Scan# 3
Delta R.T. -0.016 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Instrument :
BNA_N
ClientSampleId :
SLCS543

Tgt Ion:178 Resp: 5487

Ion	Ratio	Lower	Upper
178	100		
179	17.5	13.2	19.8
176	21.3	16.8	25.2

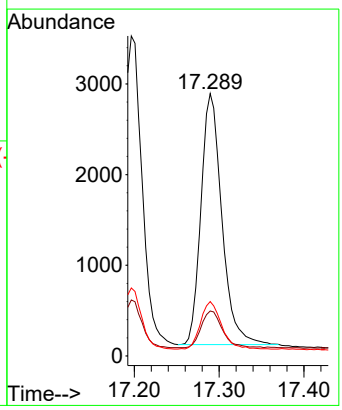


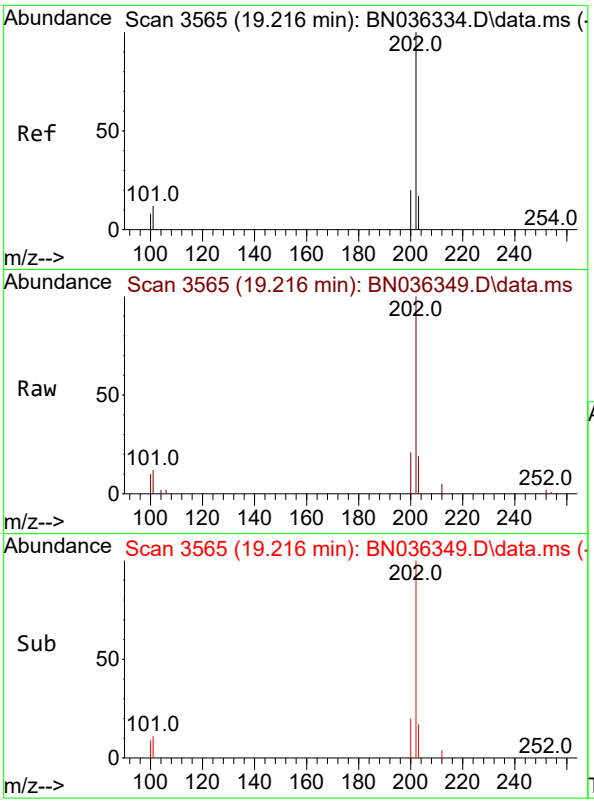


#16
Anthracene
Concen: 0.354 ng/ul
RT: 17.289 min Scan# 3124
Delta R.T. -0.016 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Tgt Ion:178 Resp: 4742

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.0	19.4
176	20.7	15.9	23.9



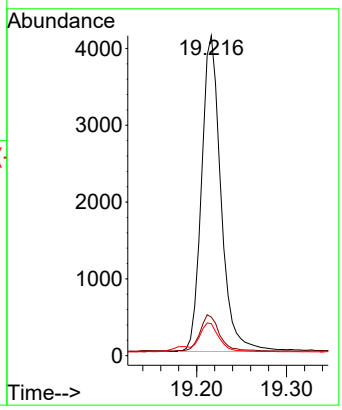


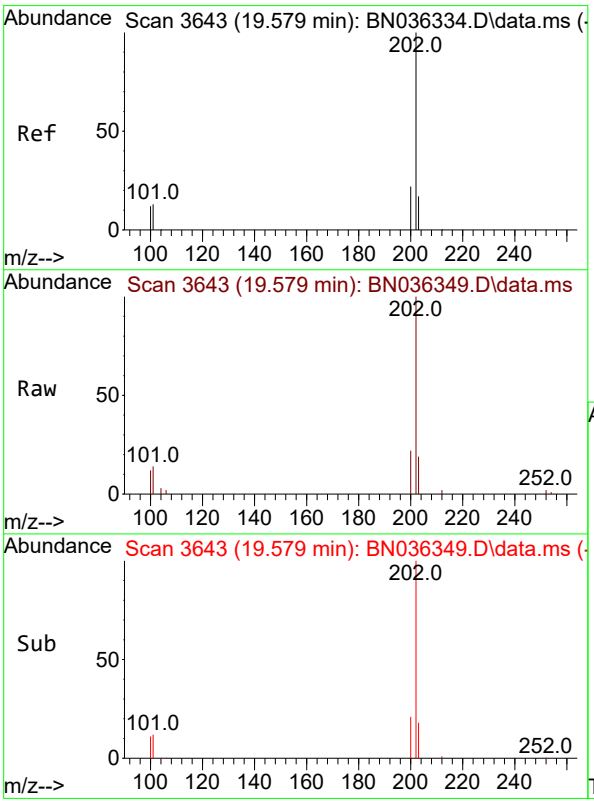
#19
Fluoranthene
Concen: 0.375 ng/ul
RT: 19.216 min Scan# 3
Delta R.T. -0.018 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Instrument :
BNA_N
ClientSampleId :
SLCS543

Tgt Ion:202 Resp: 6170

Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.4	12.6
100	10.0	6.5	9.7#

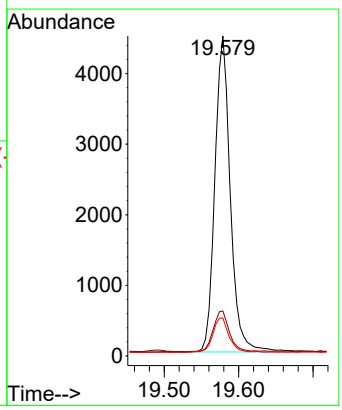


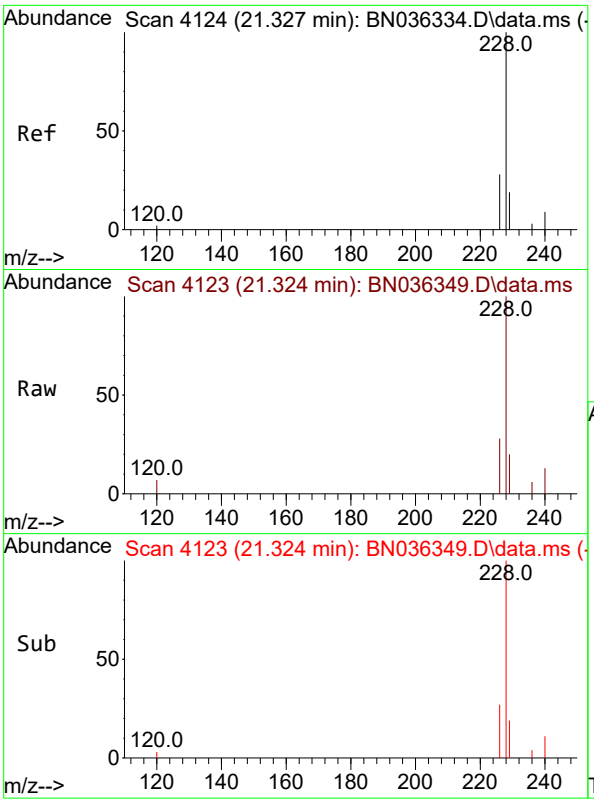


#20
Pyrene
Concen: 0.376 ng/ul
RT: 19.579 min Scan# 3643
Delta R.T. -0.018 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Tgt Ion:202 Resp: 6451

Ion	Ratio	Lower	Upper
202	100		
101	14.1	9.3	13.9#
100	11.8	7.5	11.3#



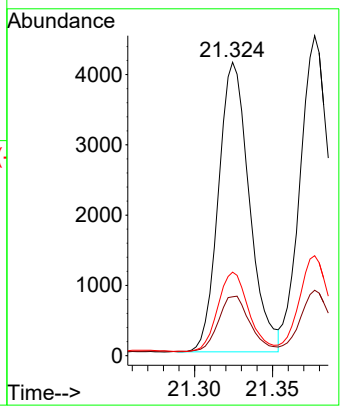


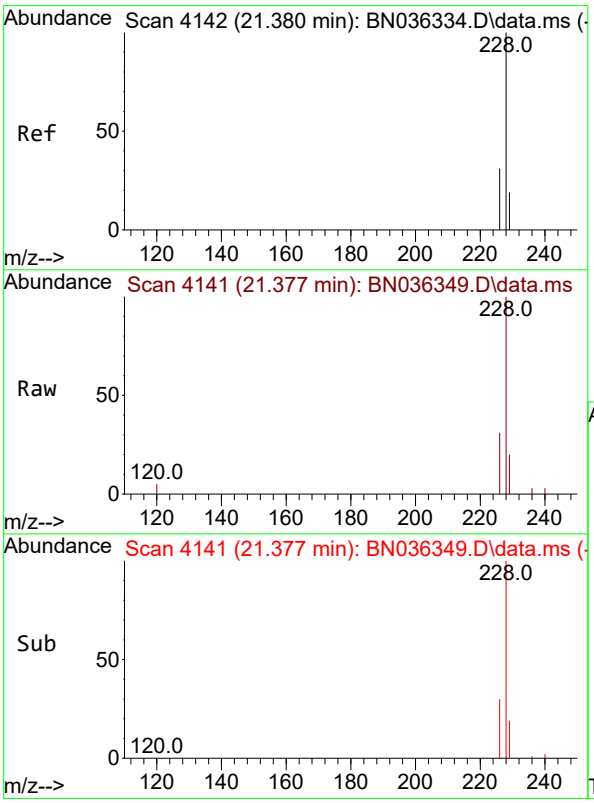
#21
Benzo(a)anthracene
Concen: 0.369 ng/ul
RT: 21.324 min Scan# 4
Delta R.T. -0.021 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Instrument :
BNA_N
ClientSampleId :
SLCS543

Tgt Ion:228 Resp: 5695

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.9	23.9
226	28.5	22.8	34.2

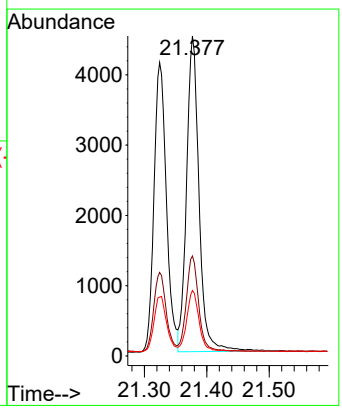


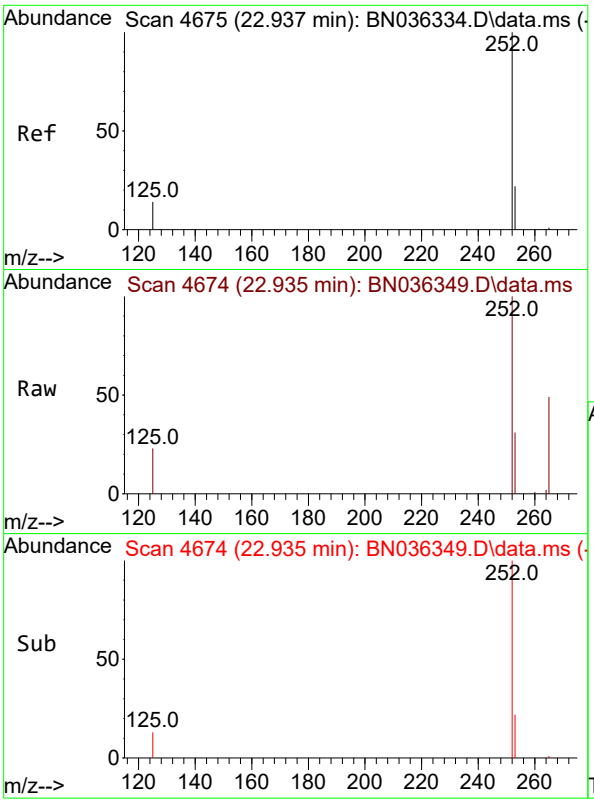


#22
Chrysene
Concen: 0.395 ng/ul
RT: 21.377 min Scan# 4141
Delta R.T. -0.021 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Tgt Ion:228 Resp: 6233

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.4	36.6
229	20.4	15.9	23.9



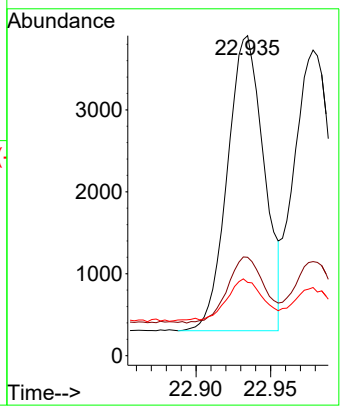


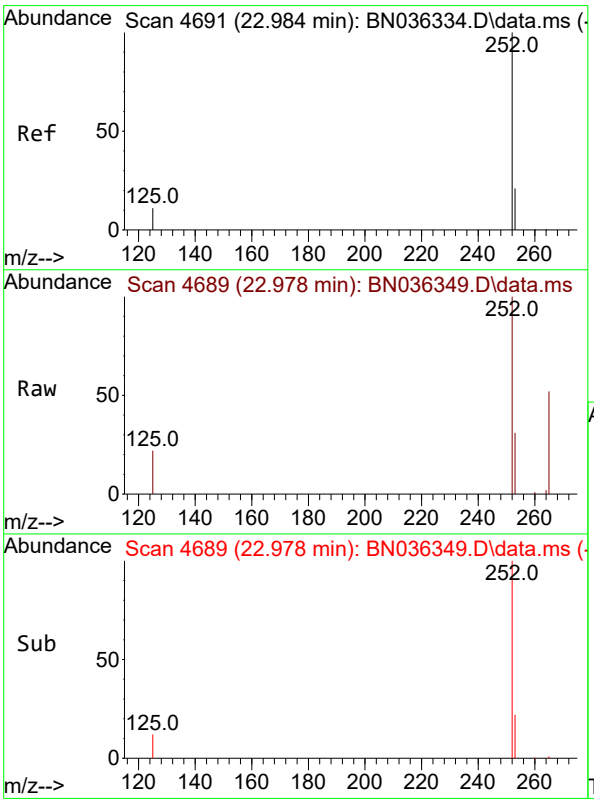
#24
Benzo(b)fluoranthene
Concen: 0.398 ng/ul
RT: 22.935 min Scan# 4
Delta R.T. -0.027 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Instrument :
BNA_N
ClientSampleId :
SLCS543

Tgt Ion:252 Resp: 6149

Ion	Ratio	Lower	Upper
252	100		
253	30.8	0.0	51.2
125	22.9	0.0	27.8

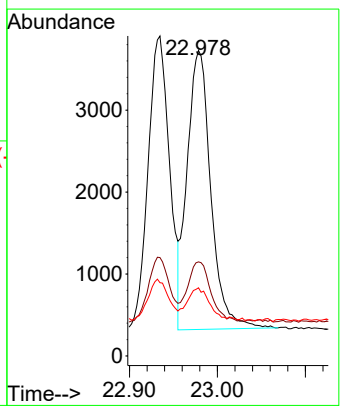


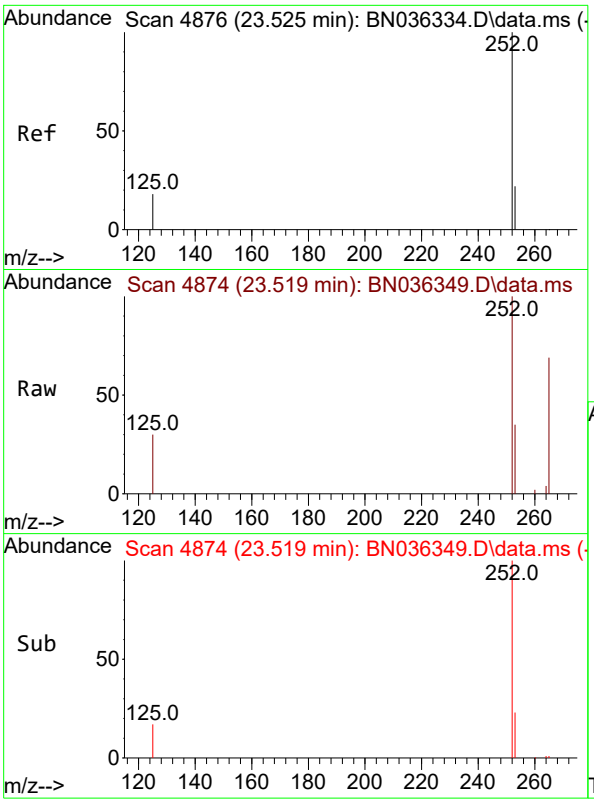


#25
Benzo(k)fluoranthene
Concen: 0.393 ng/ul
RT: 22.978 min Scan# 4689
Delta R.T. -0.030 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Tgt Ion:252 Resp: 6382

Ion	Ratio	Lower	Upper
252	100		
253	30.8	20.2	30.4#
125	22.3	10.6	16.0#



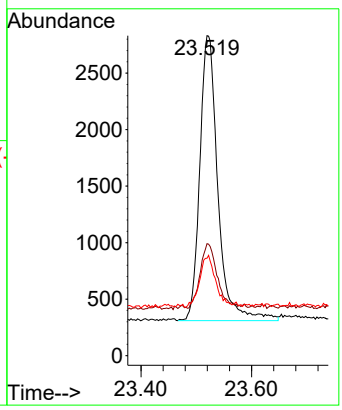


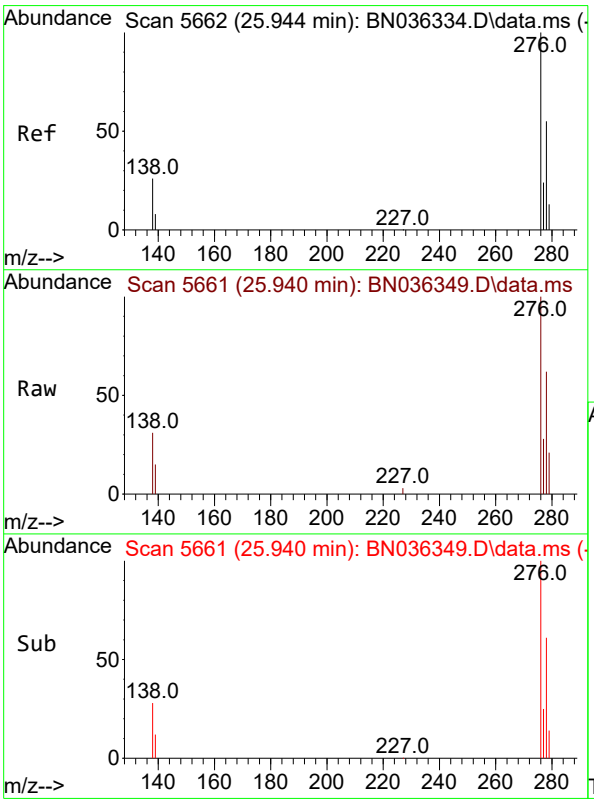
#26
Benzo(a)pyrene
Concen: 0.410 ng/ul
RT: 23.519 min Scan# 4
Delta R.T. -0.036 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Instrument :
BNA_N
ClientSampleId :
SLCS543

Tgt Ion:252 Resp: 5724

Ion	Ratio	Lower	Upper
252	100		
253	35.0	22.2	33.4#
125	30.4	13.1	19.7#

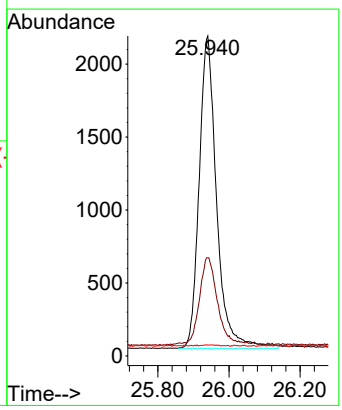


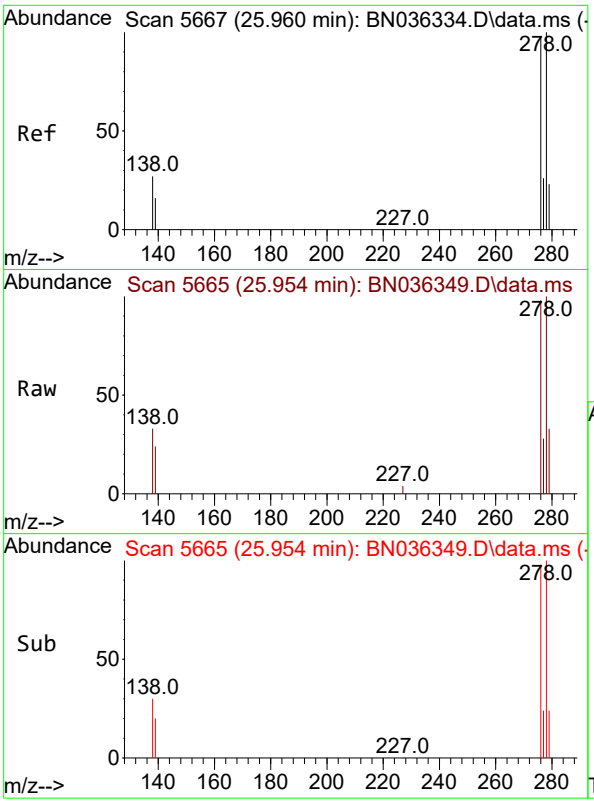


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.393 ng/ul
RT: 25.940 min Scan# 5661
Delta R.T. -0.048 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Tgt Ion:276 Resp: 7265

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



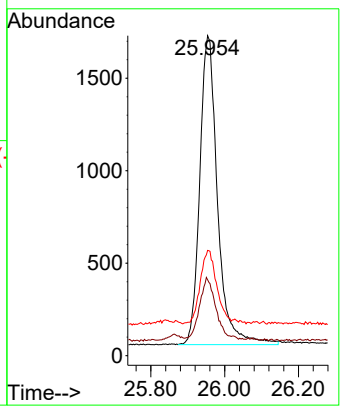


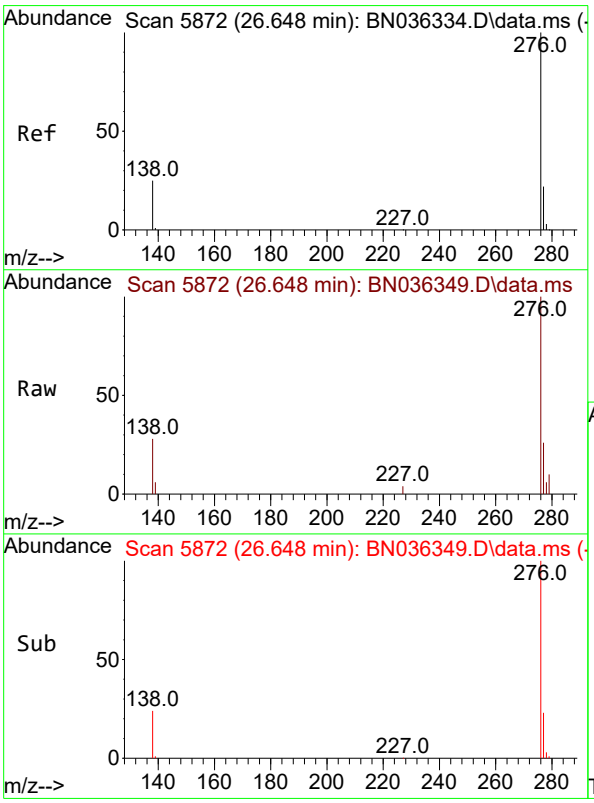
#28
Dibenzo(a,h)anthracene
Concen: 0.391 ng/ul
RT: 25.954 min Scan# 5
Delta R.T. -0.044 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Instrument :
BNA_N
ClientSampleId :
SLCS543

Tgt Ion:278 Resp: 5565

Ion	Ratio	Lower	Upper
278	100		
139	23.7	15.4	23.2#
279	32.9	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 0.416 ng/ul
RT: 26.648 min Scan# 5872
Delta R.T. -0.054 min
Lab File: BN036349.D
Acq: 06 Feb 2025 23:22

Tgt Ion:276 Resp: 5959

Ion	Ratio	Lower	Upper
276	100		
138	28.1	19.4	29.0
277	26.3	21.1	31.7