Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036381.D
Acq On : 07 Feb 2025 19:47
Operator : RC/JU
Sample : PB166548BS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS548

Quant Time: Feb 11 14:01:55 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 : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration

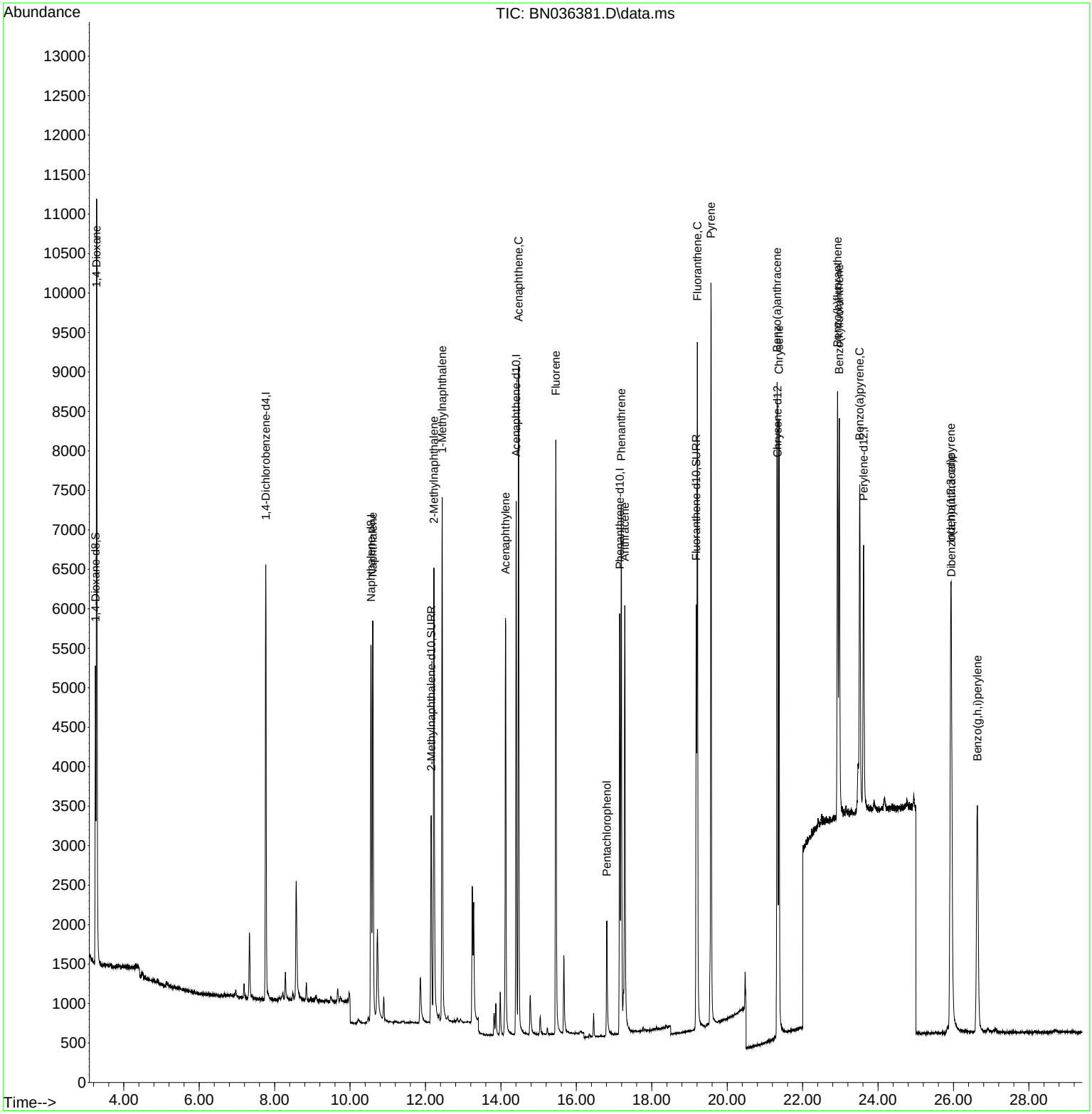
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.766	152	2864	0.400	ng/ul	0.00
4) Naphthalene-d8	10.557	136	6768	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.405	164	3805	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.150	188	6650	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.336	240	4625	0.400	ng/ul	# 0.00
23) Perylene-d12	23.616	264	4725	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.248	96	2333	0.744	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.152	152	3965	0.464	ng/ul	0.00
18) Fluoranthene-d10	19.179	212	6378	0.502	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.281	88	6044	1.806	ng/ul	87
5) Naphthalene	10.606	128	7527	0.404	ng/ul	99
7) 2-Methylnaphthalene	12.223	142	4696	0.405	ng/ul	99
8) 1-Methylnaphthalene	12.443	142	4845	0.412	ng/ul	100
10) Acenaphthylene	14.123	152	6397	0.357	ng/ul	99
11) Acenaphthene	14.470	153	5064	0.384	ng/ul	96
12) Fluorene	15.455	166	5232	0.359	ng/ul	100
14) Pentachlorophenol	16.808	266	1200	0.515	ng/ul	99
15) Phenanthrene	17.192	178	7656	0.393	ng/ul	100
16) Anthracene	17.285	178	6527	0.361	ng/ul	99
19) Fluoranthene	19.212	202	7892	0.449	ng/ul	96
20) Pyrene	19.570	202	8098	0.441	ng/ul#	91
21) Benzo(a)anthracene	21.321	228	6567	0.398	ng/ul	99
22) Chrysene	21.374	228	7195	0.427	ng/ul	98
24) Benzo(b)fluoranthene	22.926	252	6782	0.430	ng/ul	87
25) Benzo(k)fluoranthene	22.973	252	7010	0.423	ng/ul#	86
26) Benzo(a)pyrene	23.514	252	6199	0.435	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.930	276	7805	0.414	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.944	278	5977	0.412	ng/ul#	91
29) Benzo(g,h,i)perylene	26.635	276	6332	0.433	ng/ul	95

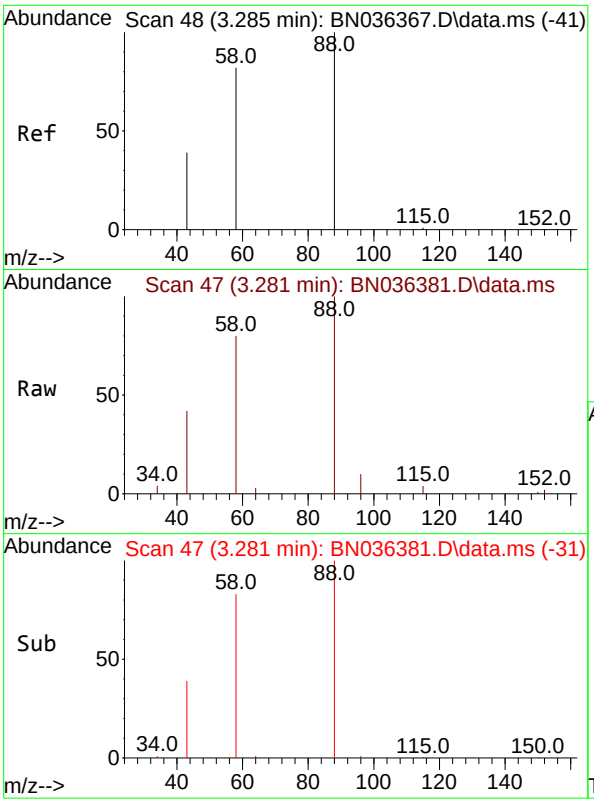
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN020625\
Data File : BN036381.D
Acq On : 07 Feb 2025 19:47
Operator : RC/JU
Sample : PB166548BS
Misc :
ALS Vial : 51 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS548

Quant Time: Feb 11 14:01:55 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 : Fri Feb 07 11:25:57 2025
Response via : Initial Calibration



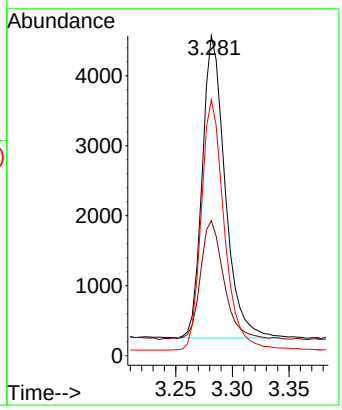


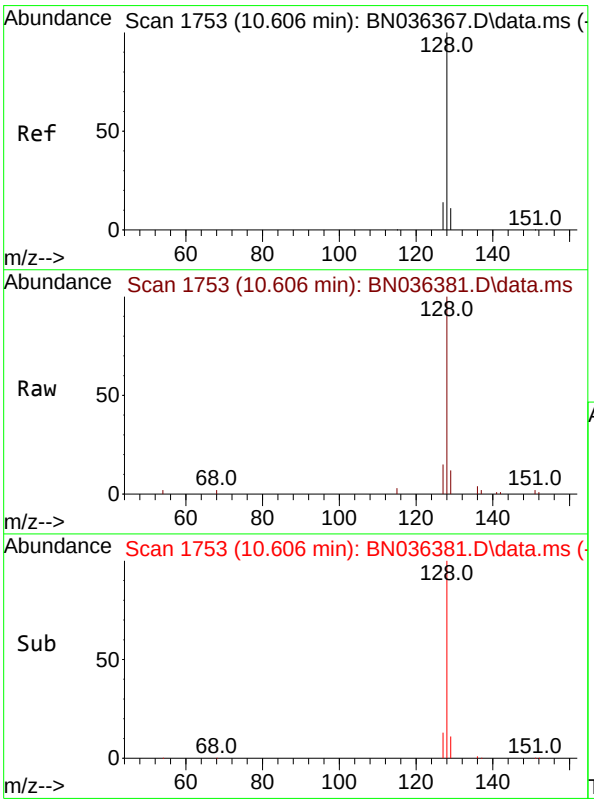
#2
1,4-Dioxane
Concen: 1.806 ng/ul
RT: 3.281 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Instrument :
BNA_N
ClientSampleId :
SLCS548

Tgt Ion: 88 Resp: 6044

Ion	Ratio	Lower	Upper
88	100		
43	42.2	40.7	61.1
58	80.0	55.2	82.8

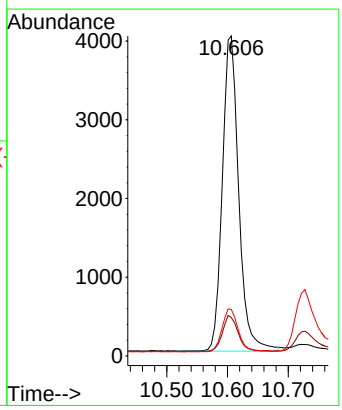


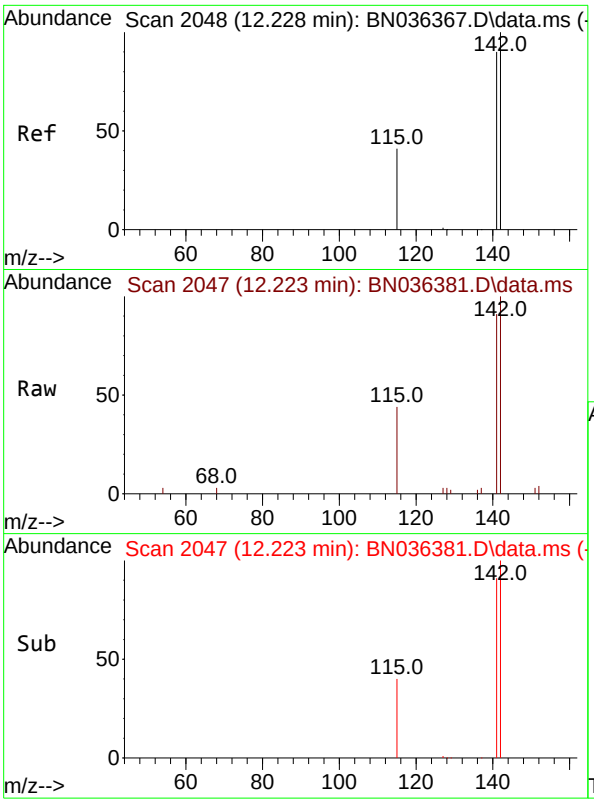


#5
Naphthalene
Concen: 0.404 ng/ul
RT: 10.606 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Tgt Ion:128 Resp: 7527

Ion	Ratio	Lower	Upper
128	100		
129	12.0	9.6	14.4
127	14.5	12.0	18.0



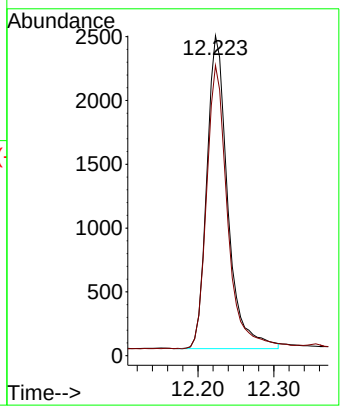


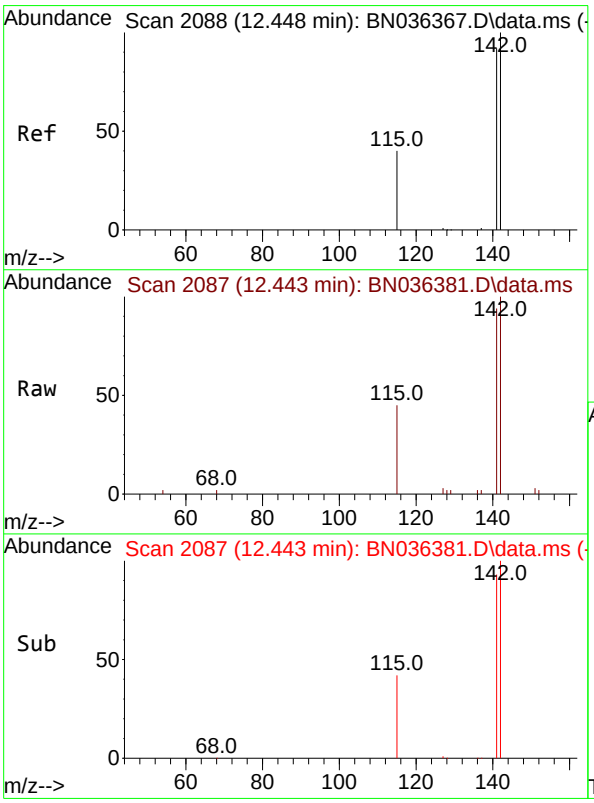
#7
2-Methylnaphthalene
Concen: 0.405 ng/ul
RT: 12.223 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Instrument :
BNA_N
ClientSampleId :
SLCS548

Tgt Ion:142 Resp: 4696

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.9	107.9

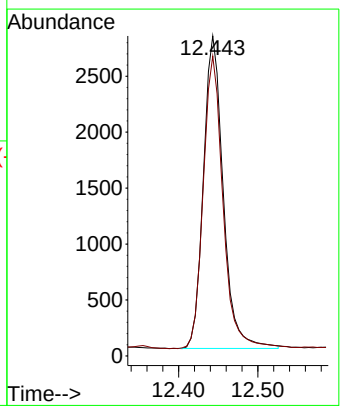


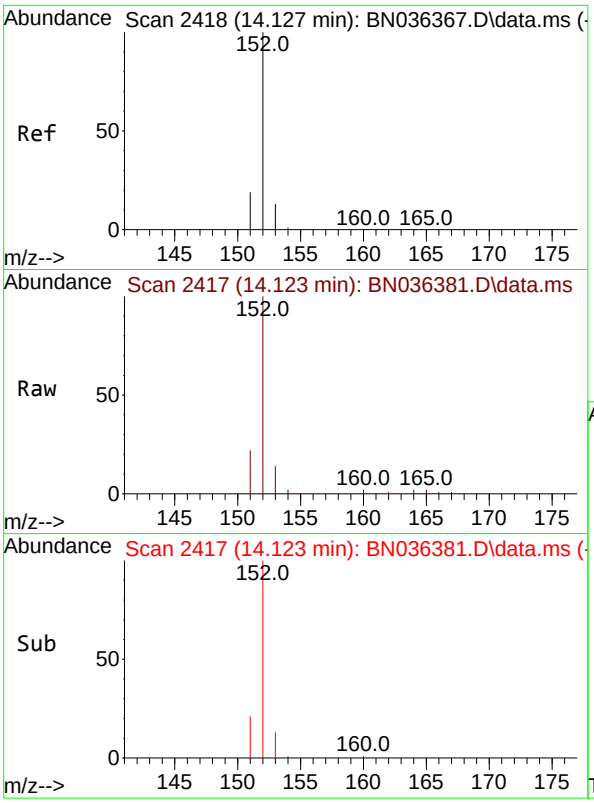


#8
1-Methylnaphthalene
Concen: 0.412 ng/ul
RT: 12.443 min Scan# 2087
Delta R.T. -0.005 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Tgt Ion:142 Resp: 4845

Ion	Ratio	Lower	Upper
142	100		
141	93.7	75.2	112.8



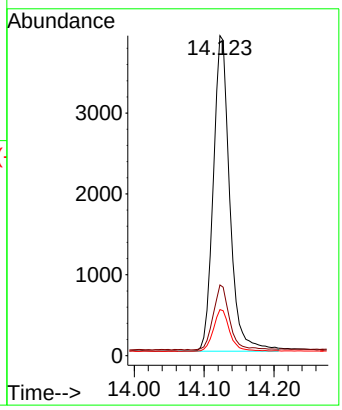


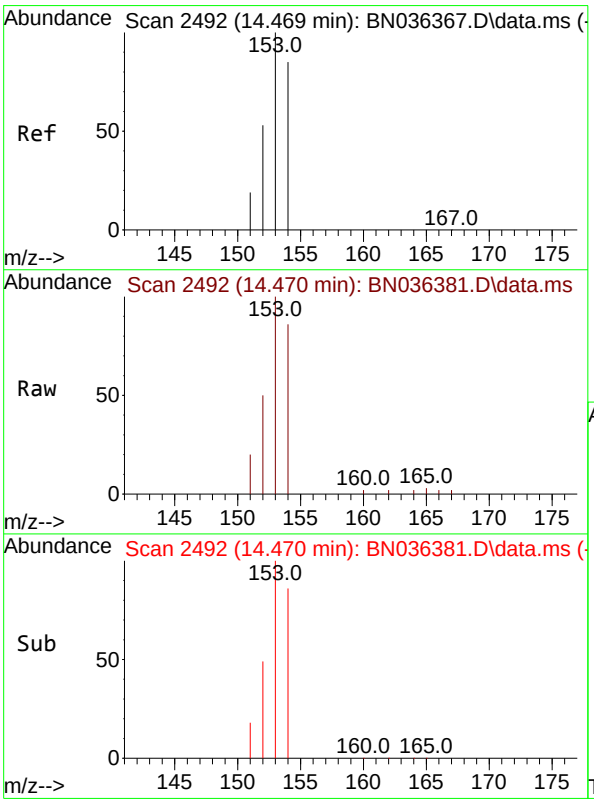
#10
Acenaphthylene
Concen: 0.357 ng/ul
RT: 14.123 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Instrument :
BNA_N
ClientSampleId :
SLCS548

Tgt Ion:152 Resp: 6397

Ion	Ratio	Lower	Upper
152	100		
151	22.1	17.4	26.2
153	14.4	11.9	17.9

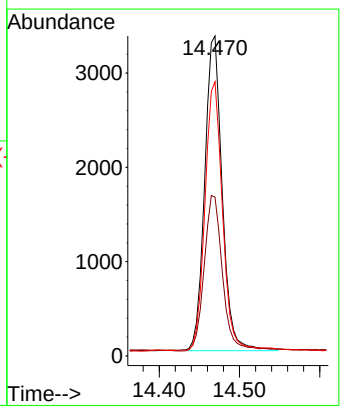


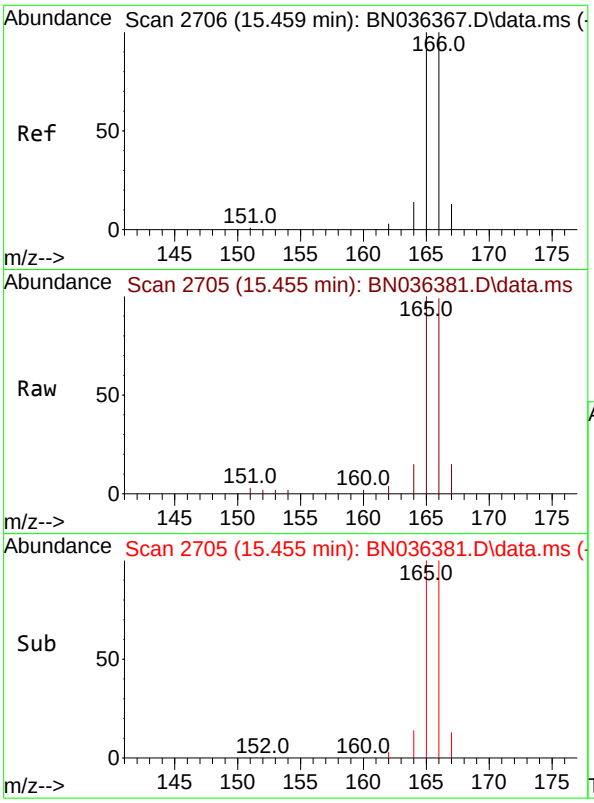


#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.470 min Scan# 2492
Delta R.T. 0.000 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Tgt Ion:153 Resp: 5064

Ion	Ratio	Lower	Upper
153	100		
152	49.6	43.2	64.8
154	85.7	70.5	105.7



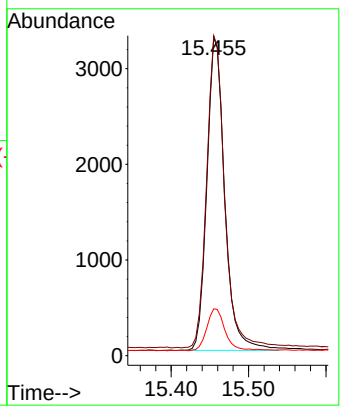


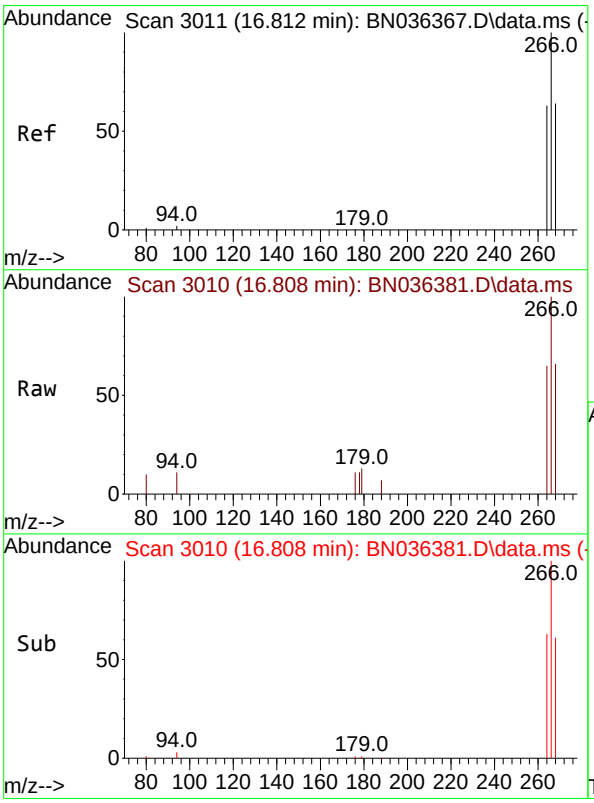
#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.455 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Instrument :
BNA_N
ClientSampleId :
SLCS548

Tgt Ion:166 Resp: 5232

Ion	Ratio	Lower	Upper
166	100		
165	100.6	80.3	120.5
167	14.8	12.3	18.5

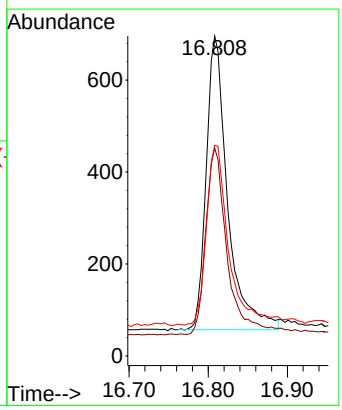


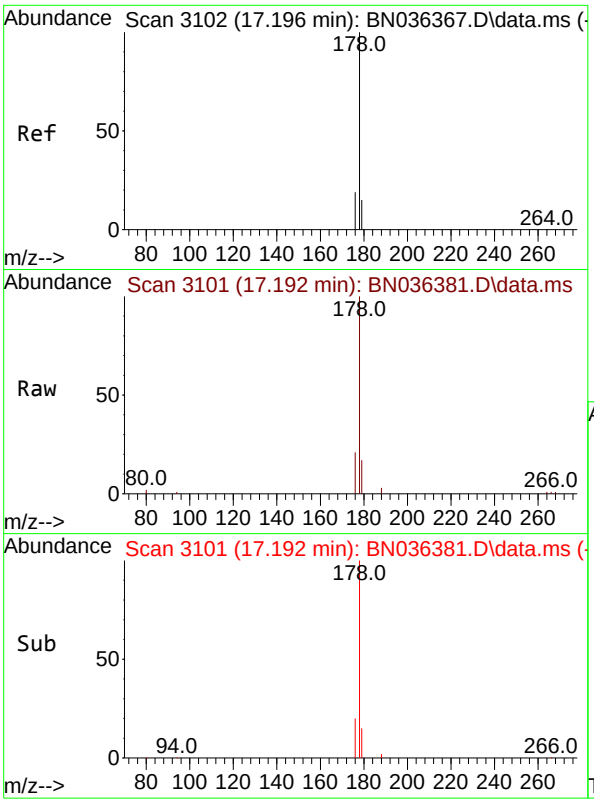


#14
Pentachlorophenol
Concen: 0.515 ng/ul
RT: 16.808 min Scan# 3010
Delta R.T. -0.004 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Tgt Ion:266 Resp: 1200

Ion	Ratio	Lower	Upper
266	100		
264	62.8	50.6	75.8
268	63.8	50.6	75.8



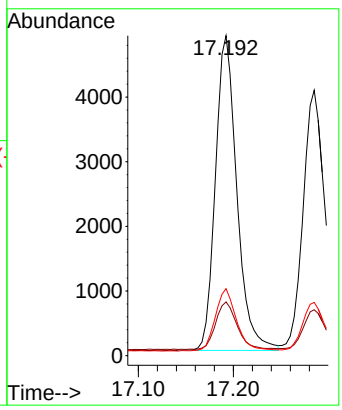


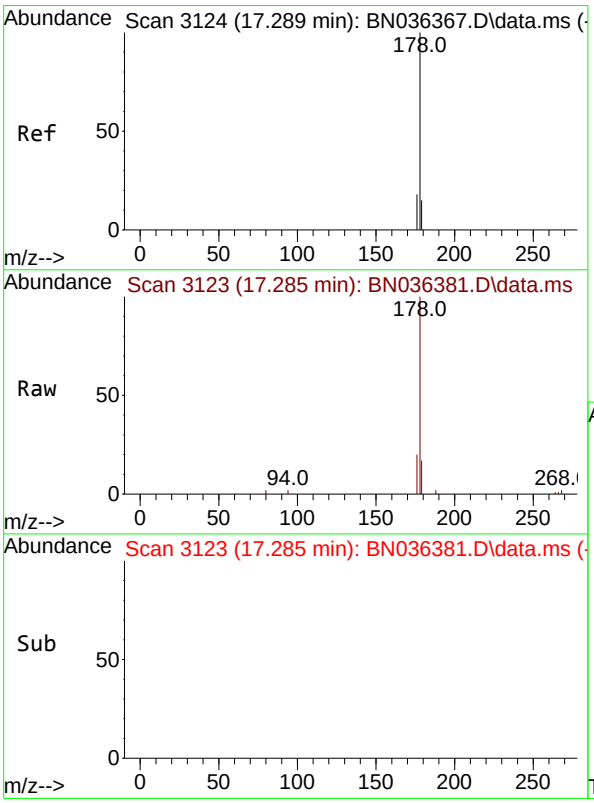
#15
Phenanthrene
Concen: 0.393 ng/ul
RT: 17.192 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Instrument :
BNA_N
ClientSampleId :
SLCS548

Tgt Ion:178 Resp: 7656

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.2	19.8
176	20.9	16.8	25.2

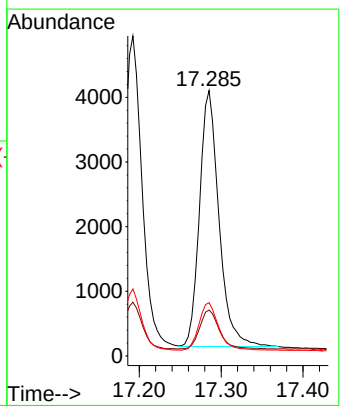


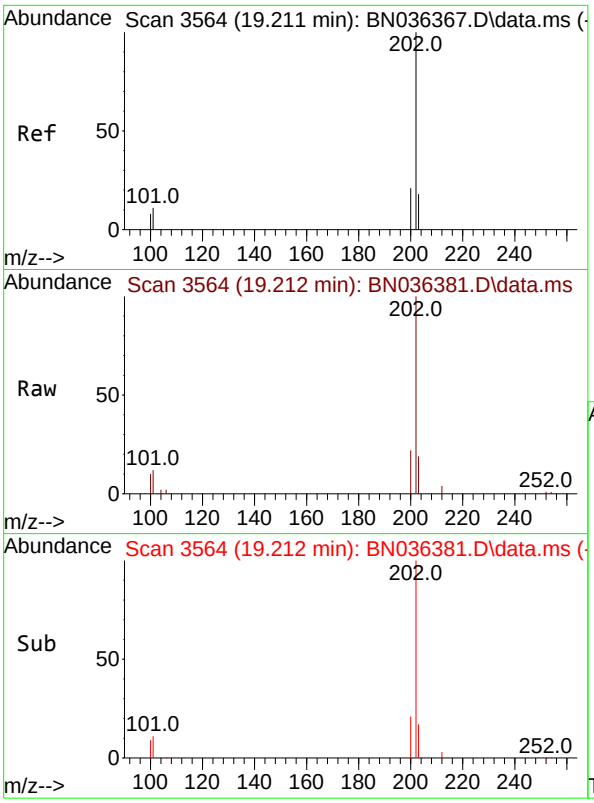


#16
Anthracene
Concen: 0.361 ng/ul
RT: 17.285 min Scan# 3123
Delta R.T. -0.004 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Tgt Ion:178 Resp: 6527

Ion	Ratio	Lower	Upper
178	100		
179	17.3	13.0	19.4
176	20.1	15.9	23.9



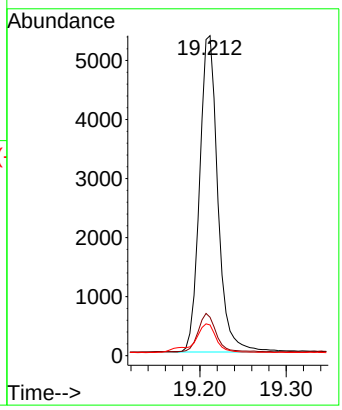


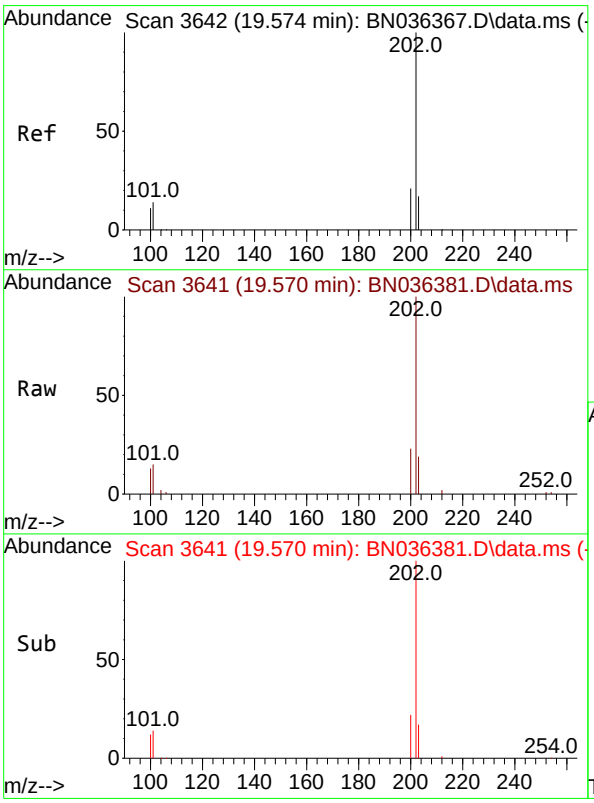
#19
Fluoranthene
Concen: 0.449 ng/ul
RT: 19.212 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Instrument :
BNA_N
ClientSampleId :
SLCS548

Tgt Ion:202 Resp: 7892

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.4	12.6
100	9.6	6.5	9.7

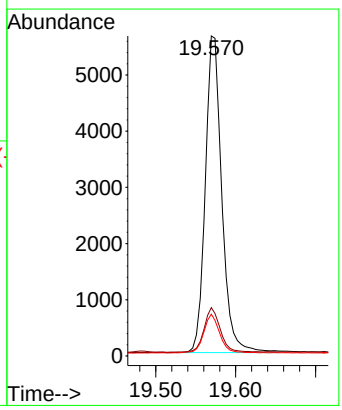


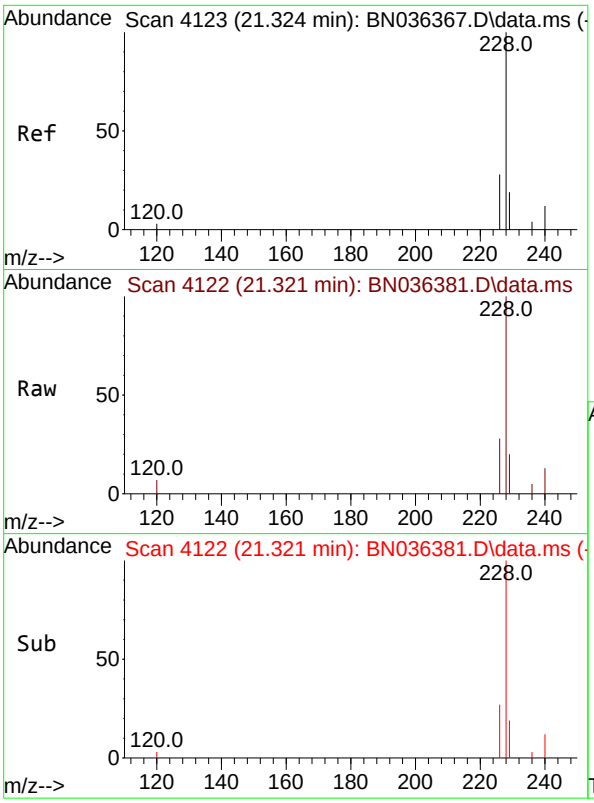


#20
Pyrene
Concen: 0.441 ng/ul
RT: 19.570 min Scan# 3641
Delta R.T. -0.004 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Tgt Ion:202 Resp: 8098

Ion	Ratio	Lower	Upper
202	100		
101	15.1	9.3	13.9#
100	13.0	7.5	11.3#



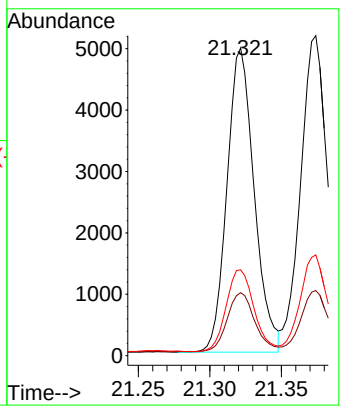


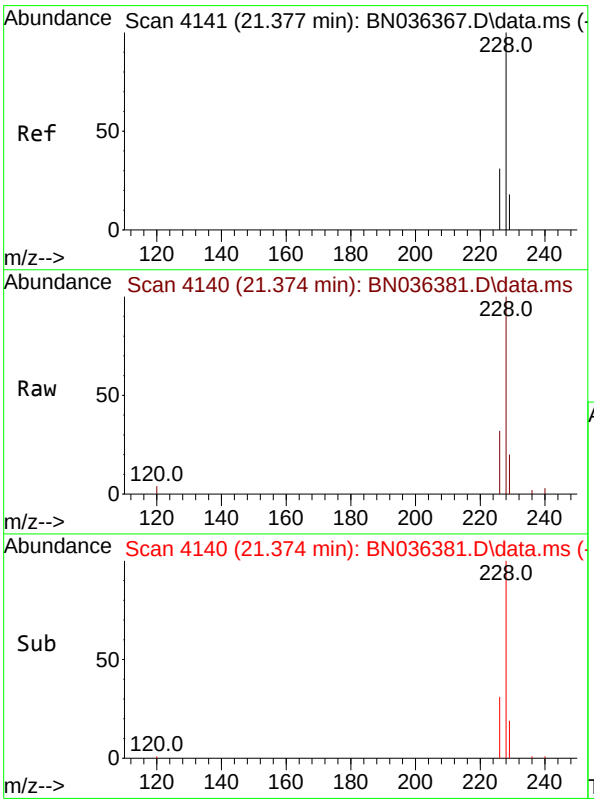
#21
Benzo(a)anthracene
Concen: 0.398 ng/ul
RT: 21.321 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Instrument :
BNA_N
ClientSampleId :
SLCS548

Tgt Ion:228 Resp: 6567

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.9	23.9
226	28.0	22.8	34.2

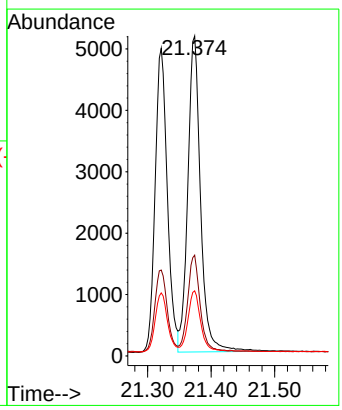


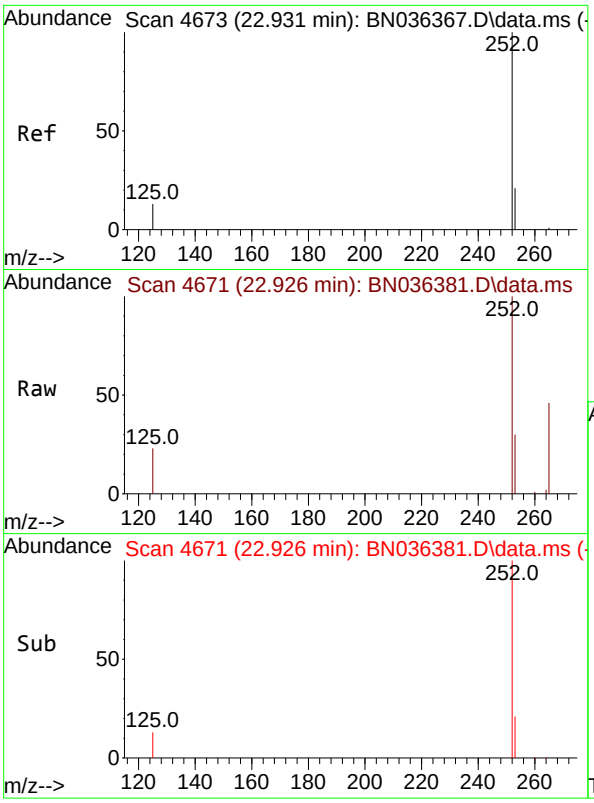


#22
Chrysene
Concen: 0.427 ng/ul
RT: 21.374 min Scan# 4140
Delta R.T. -0.003 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Tgt Ion:228 Resp: 7195

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.4	36.6
229	20.4	15.9	23.9



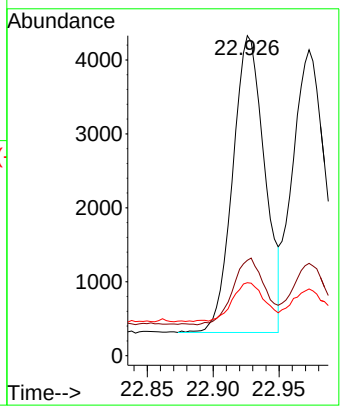


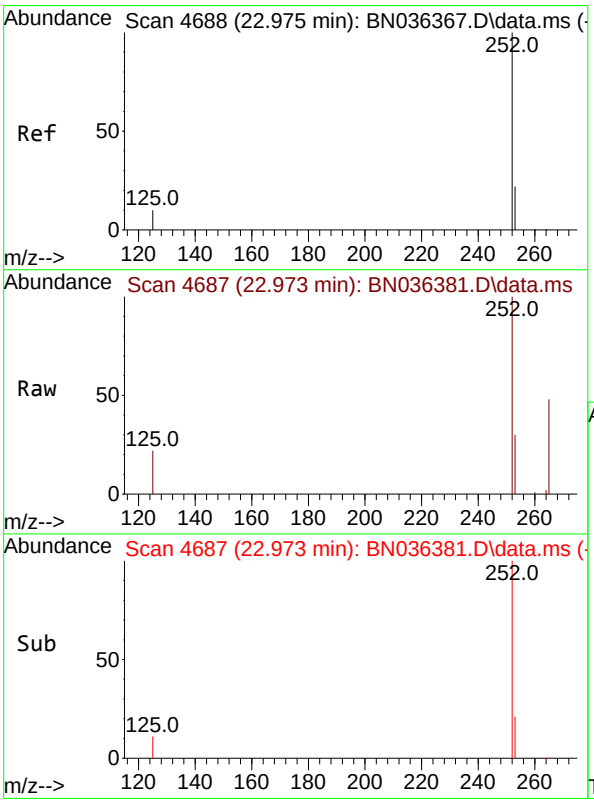
#24
Benzo(b)fluoranthene
Concen: 0.430 ng/ul
RT: 22.926 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Instrument :
BNA_N
ClientSampleId :
SLCS548

Tgt Ion:252 Resp: 6782

Ion	Ratio	Lower	Upper
252	100		
253	29.8	0.0	51.2
125	22.8	0.0	27.8

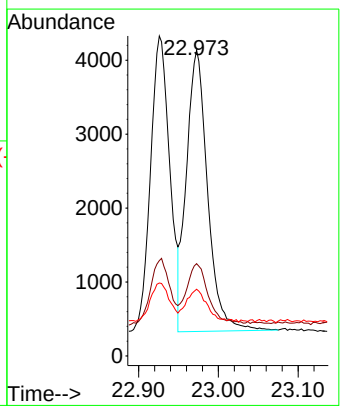


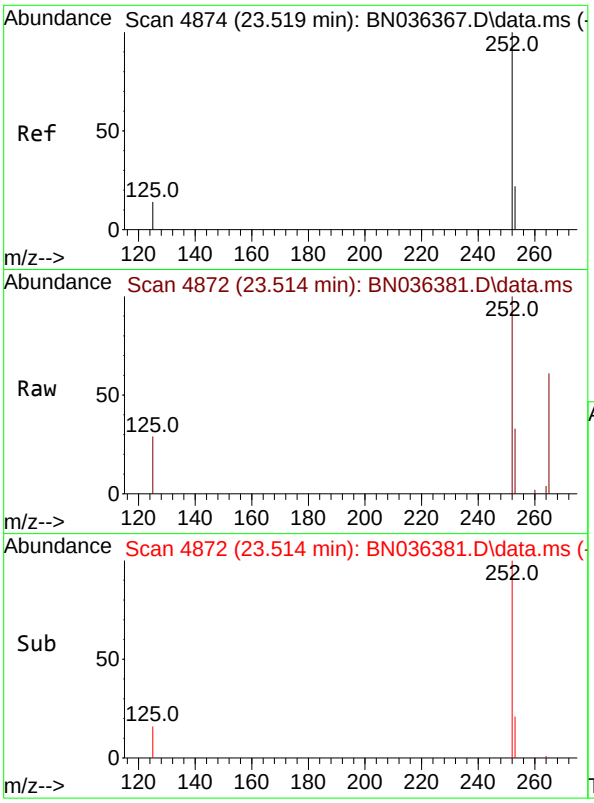


#25
Benzo(k)fluoranthene
Concen: 0.423 ng/ul
RT: 22.973 min Scan# 4687
Delta R.T. -0.003 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Tgt Ion:252 Resp: 7010

Ion	Ratio	Lower	Upper
252	100		
253	30.2	20.2	30.4
125	21.8	10.6	16.0#



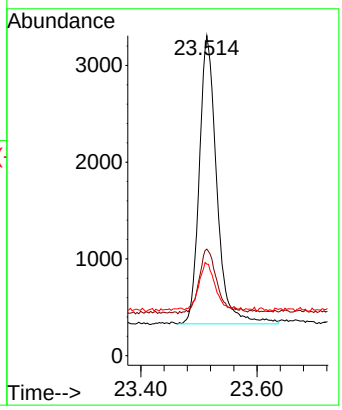


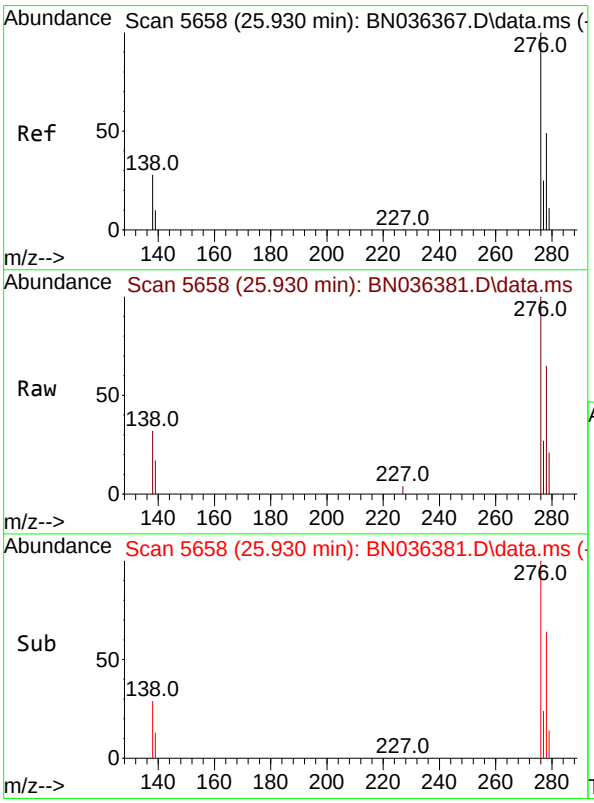
#26
Benzo(a)pyrene
Concen: 0.435 ng/ul
RT: 23.514 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Instrument :
BNA_N
ClientSampleId :
SLCS548

Tgt Ion:252 Resp: 6199

Ion	Ratio	Lower	Upper
252	100		
253	33.3	22.2	33.4
125	28.6	13.1	19.7#

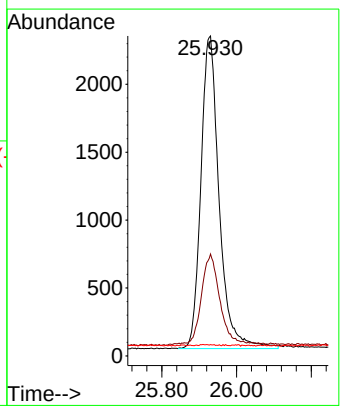


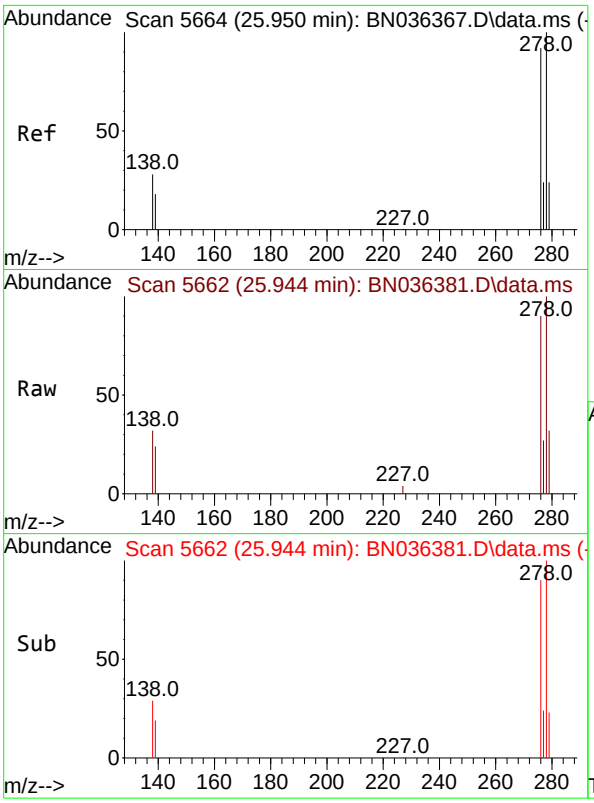


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.414 ng/ul
RT: 25.930 min Scan# 5658
Delta R.T. 0.000 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Tgt Ion:276 Resp: 7805

Ion	Ratio	Lower	Upper
276	100		
138	28.6	20.2	30.4
227	0.0	0.1	0.1#



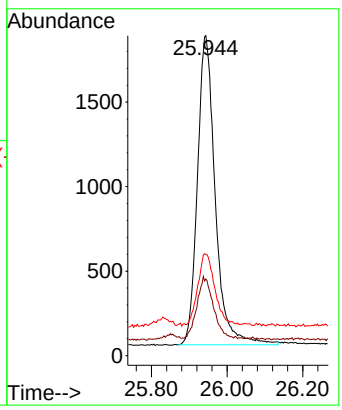


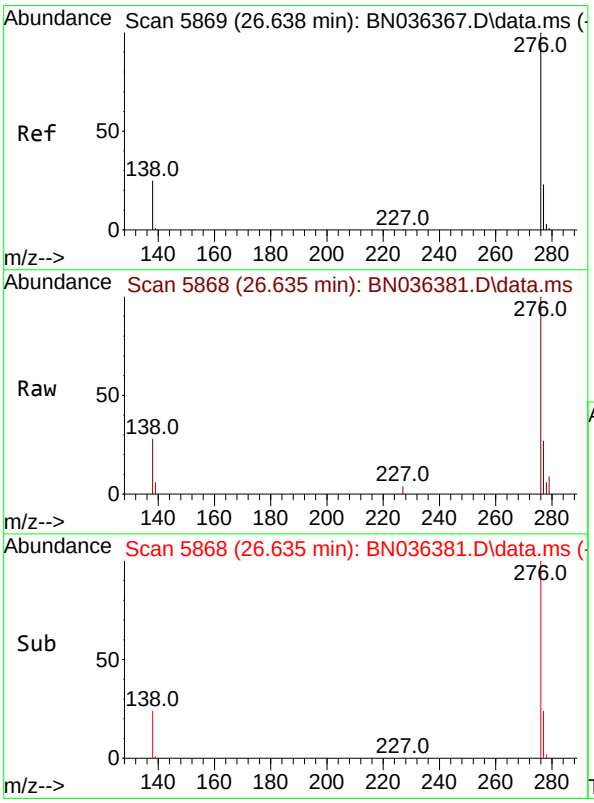
#28
Dibenzo(a,h)anthracene
Concen: 0.412 ng/ul
RT: 25.944 min Scan# 5
Delta R.T. -0.007 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Instrument :
BNA_N
ClientSampleId :
SLCS548

Tgt Ion:278 Resp: 5977

Ion	Ratio	Lower	Upper
278	100		
139	23.9	15.4	23.2#
279	31.6	22.2	33.4





#29
Benzo(g,h,i)perylene
Concen: 0.433 ng/ul
RT: 26.635 min Scan# 5868
Delta R.T. -0.003 min
Lab File: BN036381.D
Acq: 07 Feb 2025 19:47

Tgt Ion:276 Resp: 6332

Ion	Ratio	Lower	Upper
276	100		
138	27.9	19.4	29.0
277	27.4	21.1	31.7