Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
Data File : BN030113.D
Acq On : 28 Feb 2024 03:58
Operator : MA/JU
Sample : PB159254BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS254

Quant Time: Feb 28 04:26:47 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-SIM-BN020624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 27 23:49:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	3747	0.400	ng/ul	0.00
4) Naphthalene-d8	10.645	136	10559	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.497	164	4678	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.264	188	8223	0.400	ng/ul	0.00
17) Chrysene-d12	21.464	240	6084	0.400	ng/ul	0.00
23) Perylene-d12	23.826	264	5136	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	3729	0.798	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.245	152	5038	0.375	ng/ul	0.00
18) Fluoranthene-d10	19.295	212	8444	0.422	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	10505	2.065	ng/ul#	83
5) Naphthalene	10.694	128	11602	0.390	ng/ul	99
7) 2-Methylnaphthalene	12.317	142	6203	0.364	ng/ul	98
8) 1-Methylnaphthalene	12.537	142	6573	0.379	ng/ul	99
10) Acenaphthylene	14.220	152	8720	0.382	ng/ul	97
11) Acenaphthene	14.562	153	7074	0.408	ng/ul	98
12) Fluorene	15.566	166	7136	0.393	ng/ul	100
14) Pentachlorophenol	16.913	266	1386	0.756	ng/ul#	49
15) Phenanthrene	17.302	178	10113	0.394	ng/ul	97
16) Anthracene	17.403	178	8489	0.393	ng/ul	96
19) Fluoranthene	19.323	202	11348	0.406	ng/ul	98
20) Pyrene	19.685	202	12434	0.434	ng/ul	99
21) Benzo(a)anthracene	21.449	228	7567	0.345	ng/ul	99
22) Chrysene	21.499	228	10046	0.418	ng/ul	99
24) Benzo(b)fluoranthene	23.104	252	8789	0.455	ng/ul	96
25) Benzo(k)fluoranthene	23.153	252	10335	0.482	ng/ul	97
26) Benzo(a)pyrene	23.721	252	8261	0.455	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.299	276	9355	0.424	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.329	278	7167	0.414	ng/ul#	88
29) Benzo(g,h,i)perylene	27.016	276	8936	0.446	ng/ul	98

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022824\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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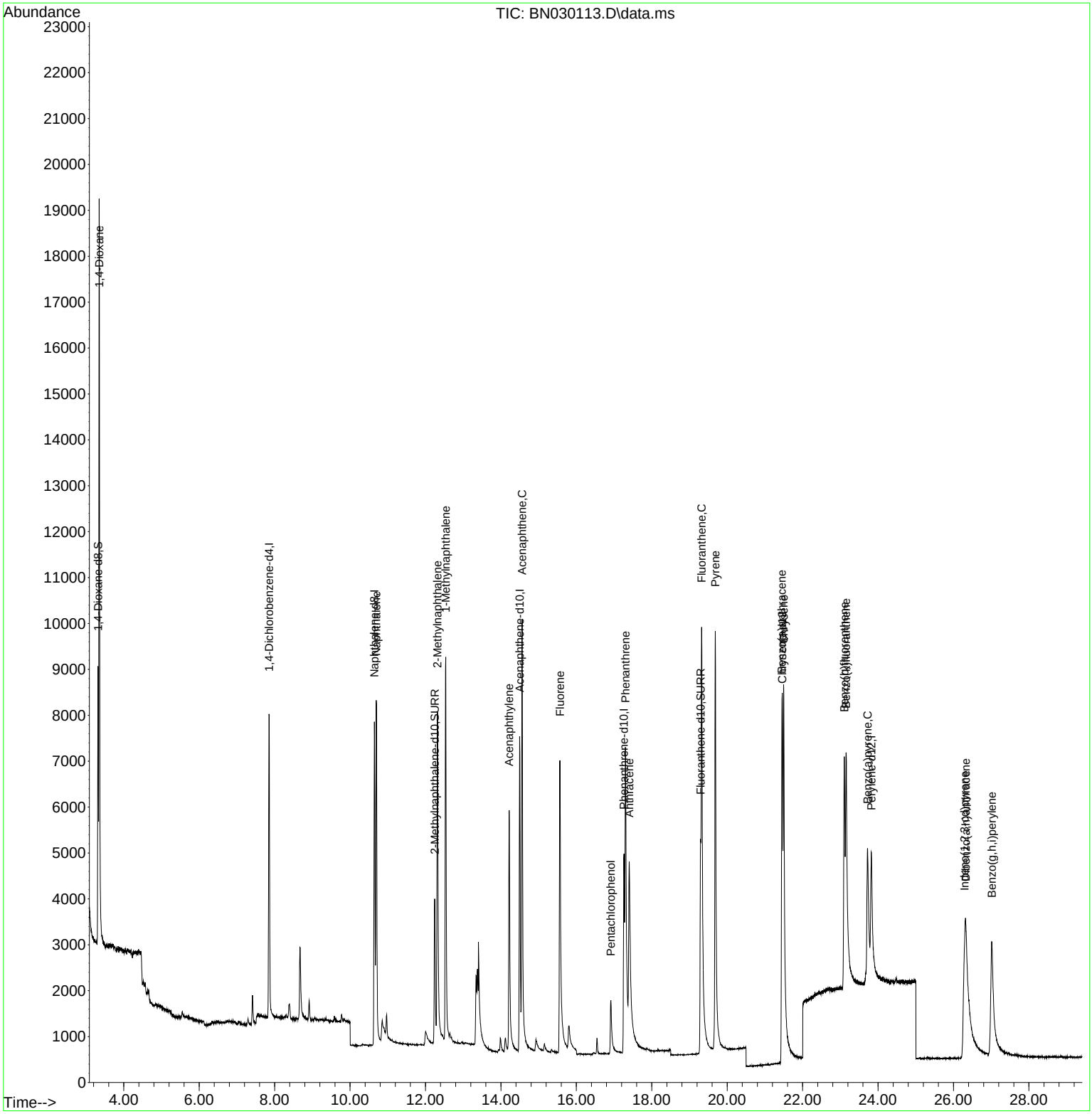
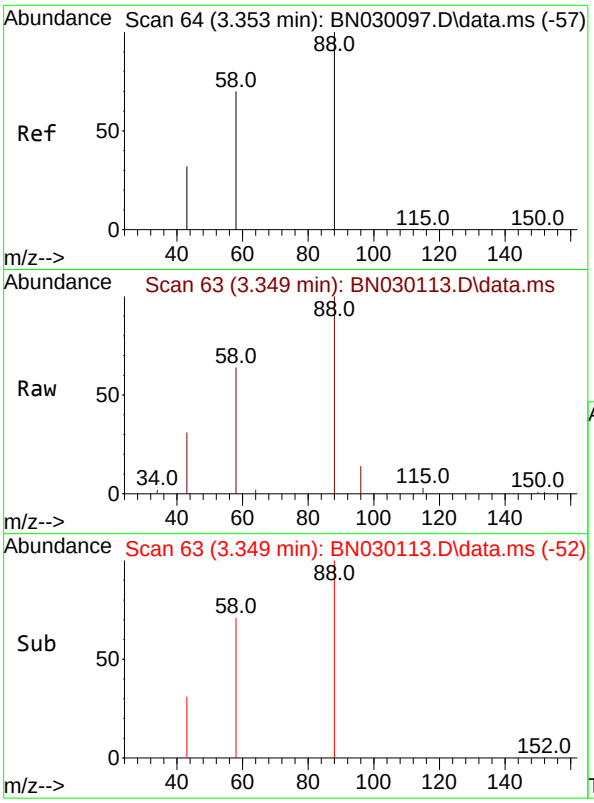


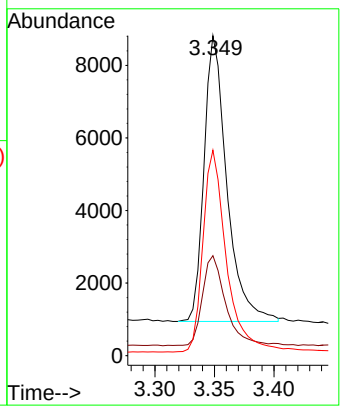


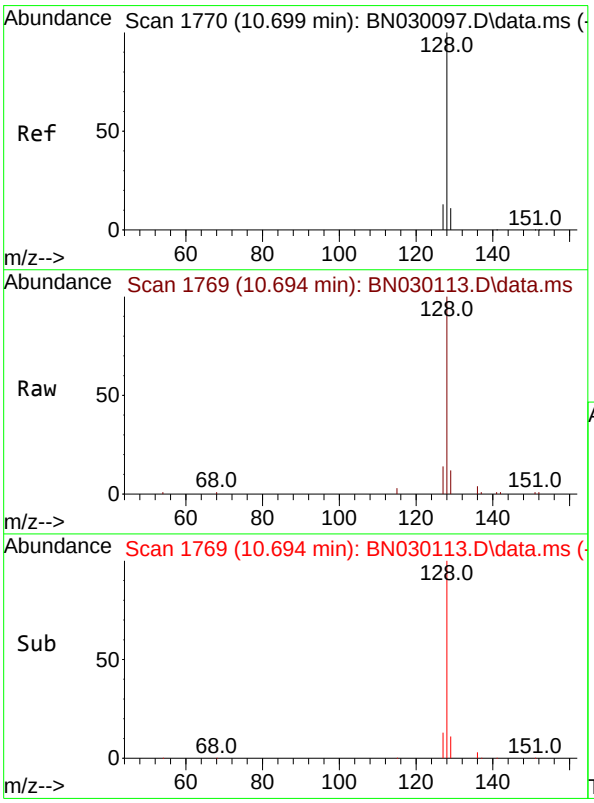
#2
1,4-Dioxane
Concen: 2.065 ng/ul
RT: 3.349 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Instrument :
BNA_N
ClientSampleId :
SLCS254

Tgt Ion: 88 Resp: 10505

Ion	Ratio	Lower	Upper
88	100		
43	31.3	21.8	32.6
58	64.2	39.3	58.9#

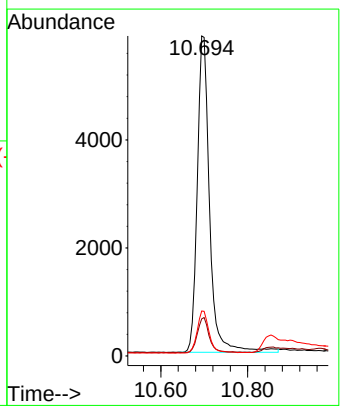


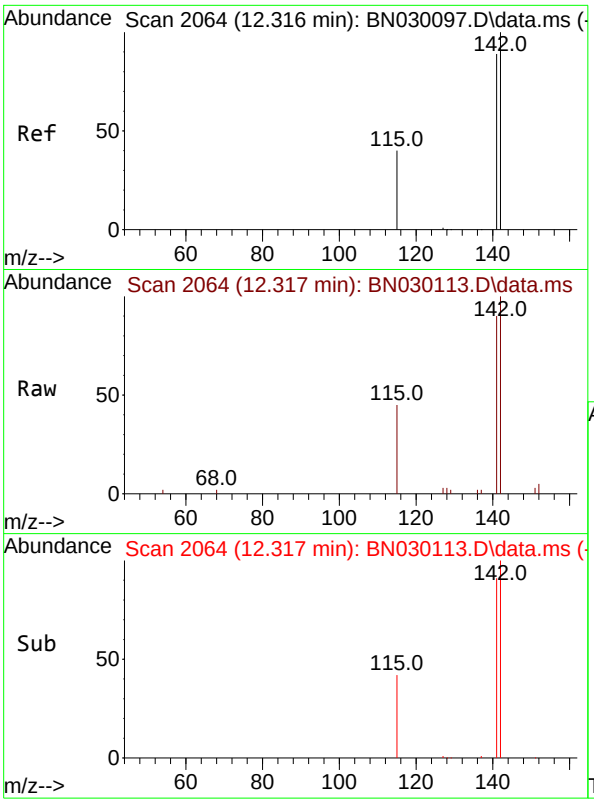


#5
Naphthalene
Concen: 0.390 ng/ul
RT: 10.694 min Scan# 1769
Delta R.T. -0.005 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Tgt Ion:128 Resp: 11602

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.1	13.7
127	14.1	11.0	16.6



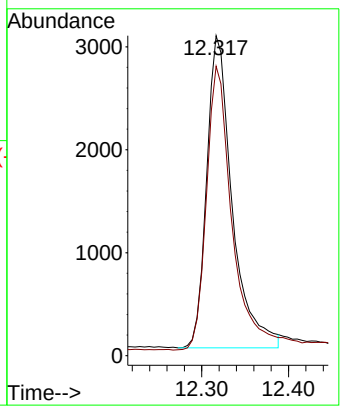


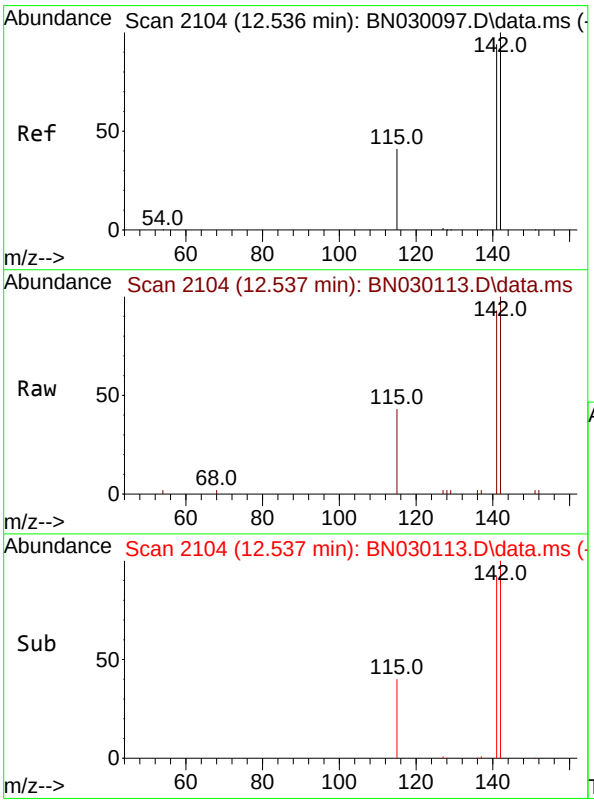
#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.317 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Instrument :
BNA_N
ClientSampleId :
SLCS254

Tgt Ion:142 Resp: 6203

Ion	Ratio	Lower	Upper
142	100		
141	90.9	71.5	107.3

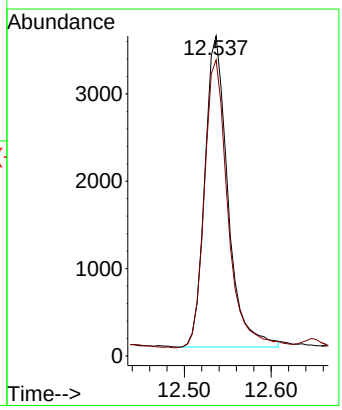


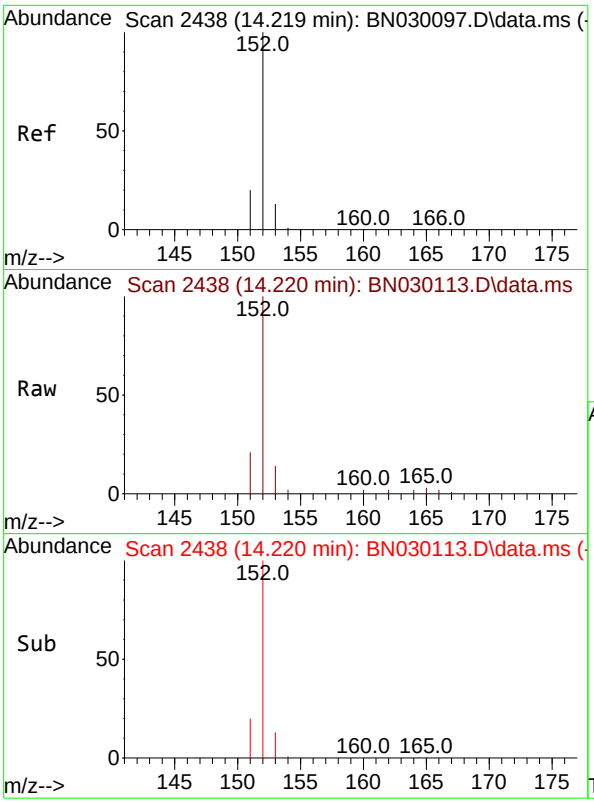


#8
1-Methylnaphthalene
Concen: 0.379 ng/ul
RT: 12.537 min Scan# 2104
Delta R.T. 0.000 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Tgt Ion:142 Resp: 6573

Ion	Ratio	Lower	Upper
142	100		
141	93.8	73.9	110.9



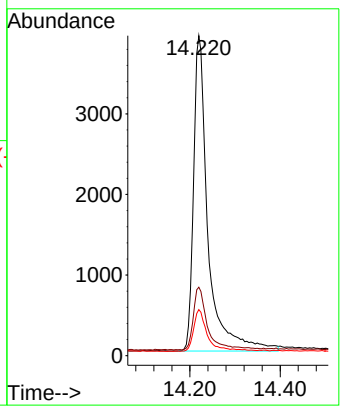


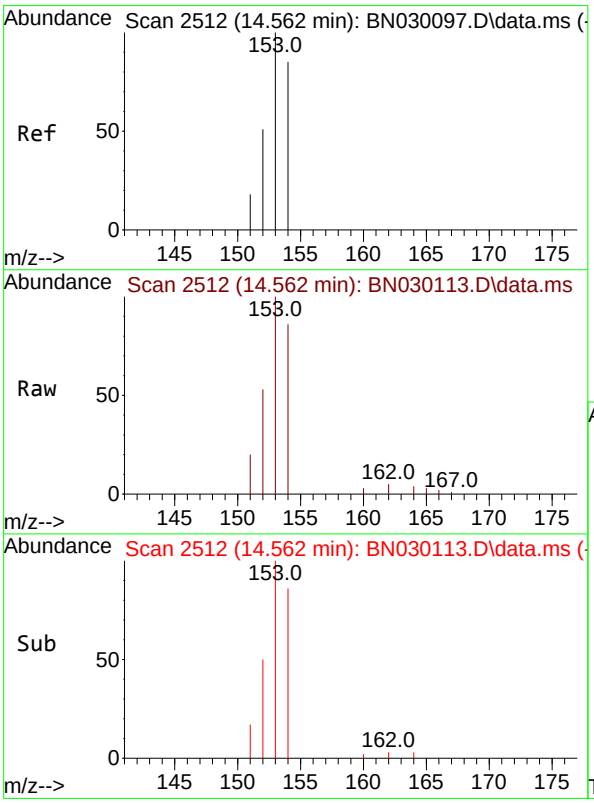
#10
Acenaphthylene
Concen: 0.382 ng/ul
RT: 14.220 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Instrument :
BNA_N
ClientSampleId :
SLCS254

Tgt Ion:152 Resp: 8720

Ion	Ratio	Lower	Upper
152	100		
151	21.4	15.8	23.8
153	14.4	10.9	16.3

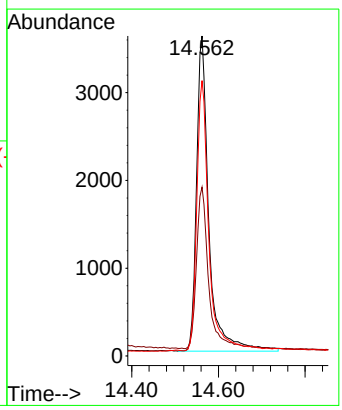


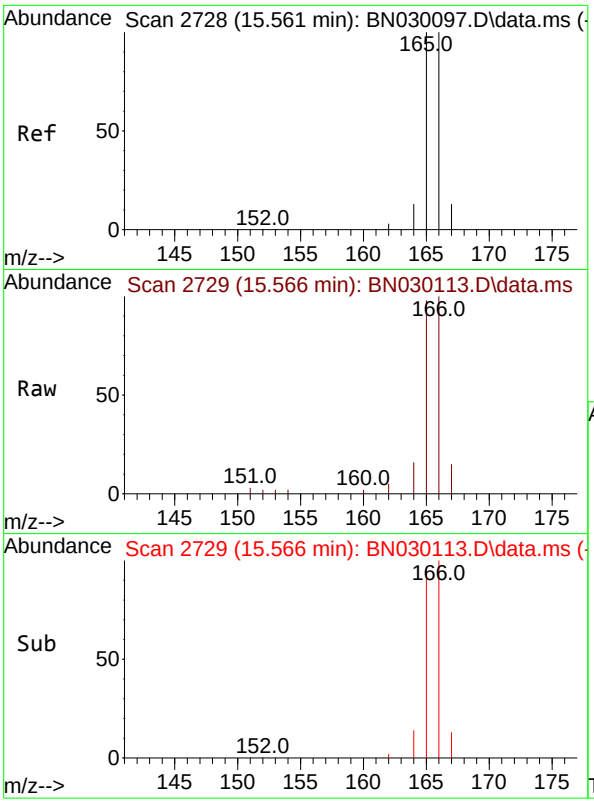


#11
Acenaphthene
Concen: 0.408 ng/ul
RT: 14.562 min Scan# 2512
Delta R.T. 0.000 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Tgt Ion:153 Resp: 7074

Ion	Ratio	Lower	Upper
153	100		
152	52.8	41.5	62.3
154	86.0	70.9	106.3



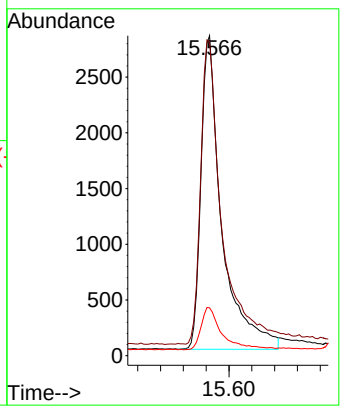


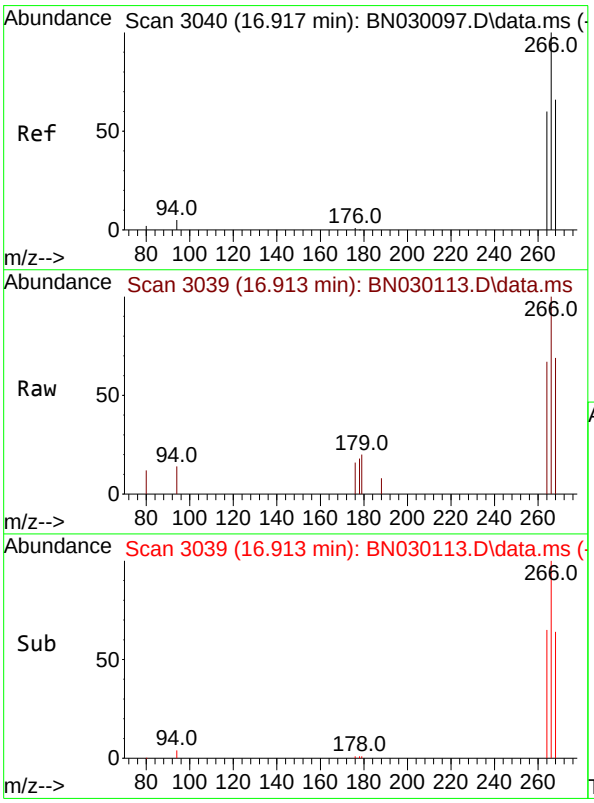
#12
Fluorene
Concen: 0.393 ng/ul
RT: 15.566 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Instrument :
BNA_N
ClientSampleId :
SLCS254

Tgt Ion:166 Resp: 7136

Ion	Ratio	Lower	Upper
166	100		
165	98.1	78.6	117.8
167	14.9	11.5	17.3

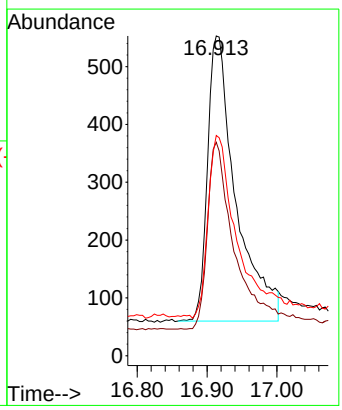


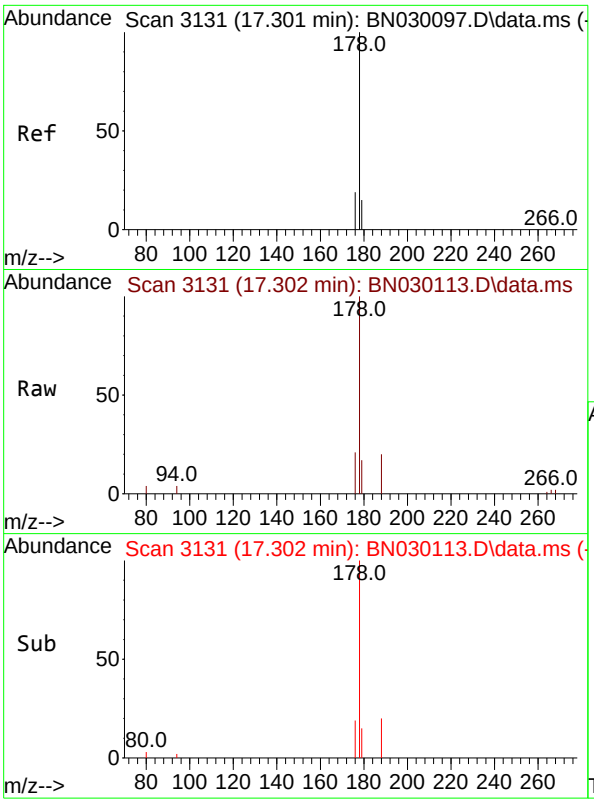


#14
Pentachlorophenol
Concen: 0.756 ng/ul
RT: 16.913 min Scan# 3039
Delta R.T. -0.004 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Tgt Ion:266 Resp: 1386

Ion	Ratio	Lower	Upper
266	100		
264	62.9	0.0	0.0#
268	65.3	0.2	0.2#



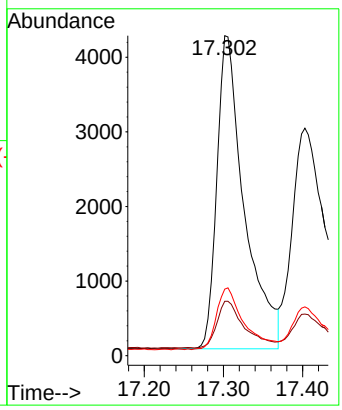


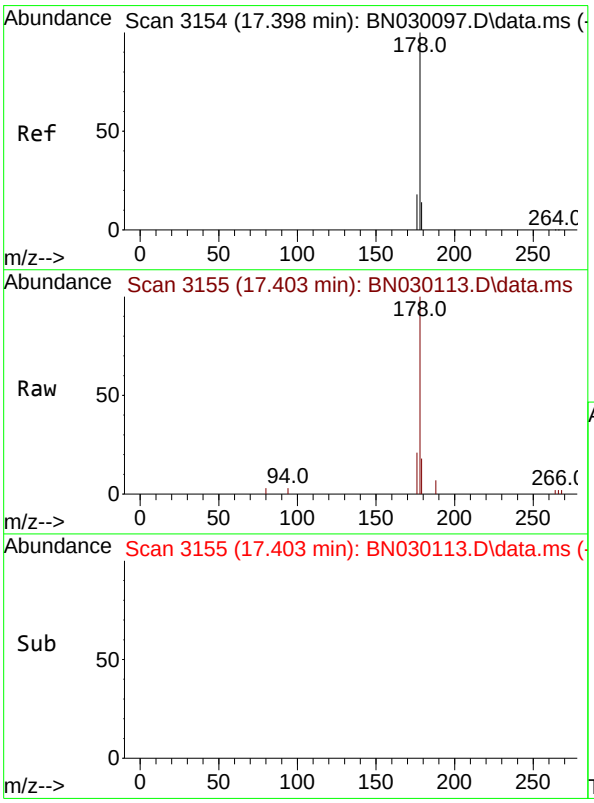
#15
Phenanthrene
Concen: 0.394 ng/ul
RT: 17.302 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Instrument :
BNA_N
ClientSampleId :
SLCS254

Tgt Ion:178 Resp: 10113

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	18.8
176	20.8	15.7	23.5

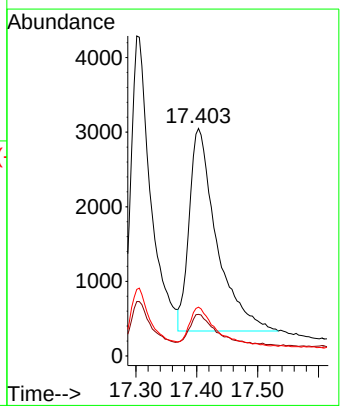


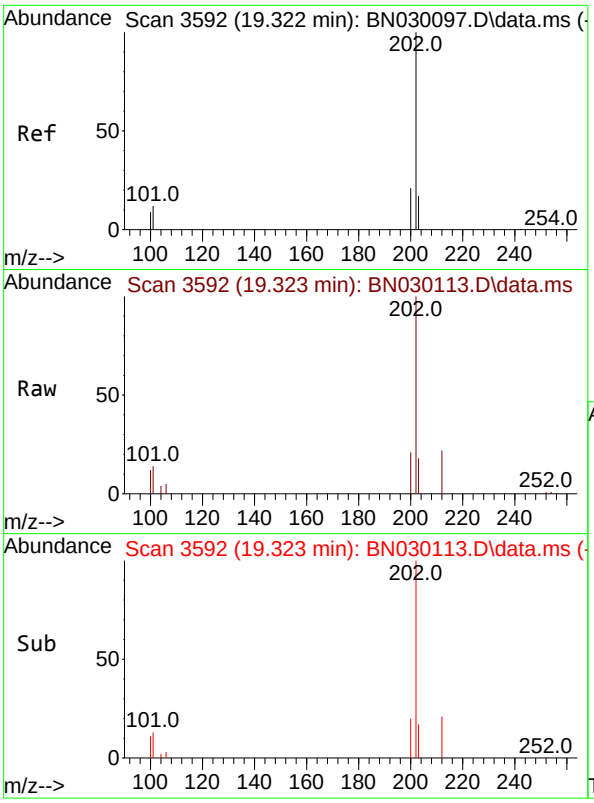


#16
Anthracene
Concen: 0.393 ng/ul
RT: 17.403 min Scan# 3155
Delta R.T. 0.005 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Tgt Ion:178 Resp: 8489

Ion	Ratio	Lower	Upper
178	100		
179	18.3	12.9	19.3
176	21.5	15.8	23.8



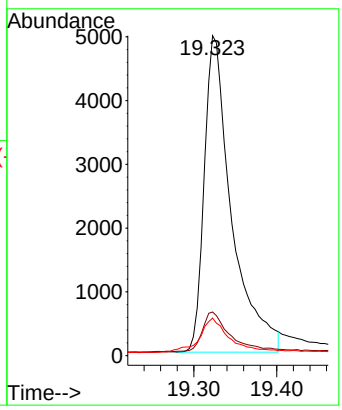


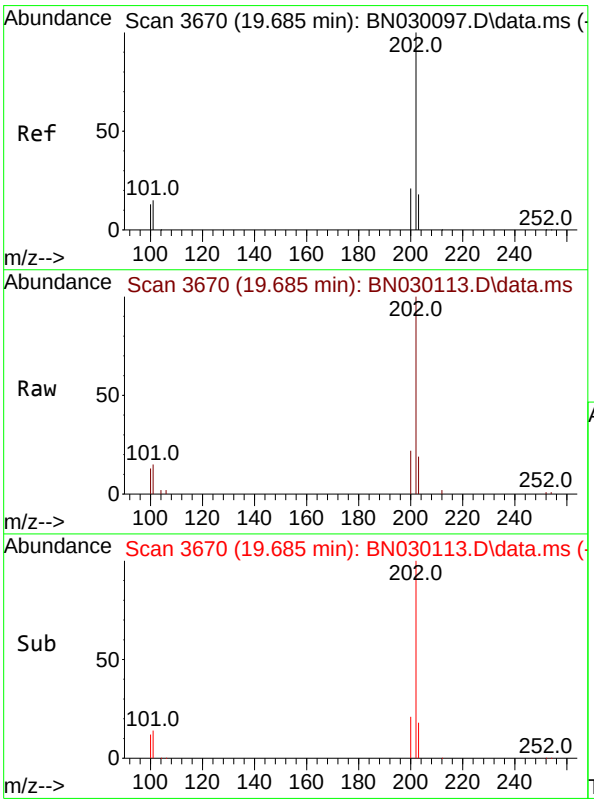
#19
Fluoranthene
Concen: 0.406 ng/ul
RT: 19.323 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Instrument :
BNA_N
ClientSampleId :
SLCS254

Tgt Ion:202 Resp: 11348

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.4	15.6
100	11.7	8.5	12.7

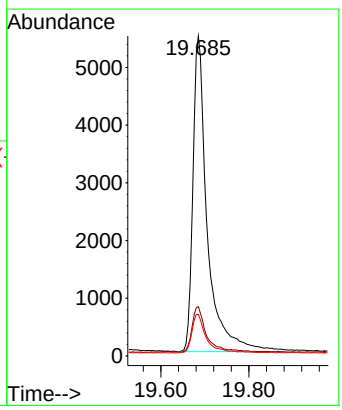


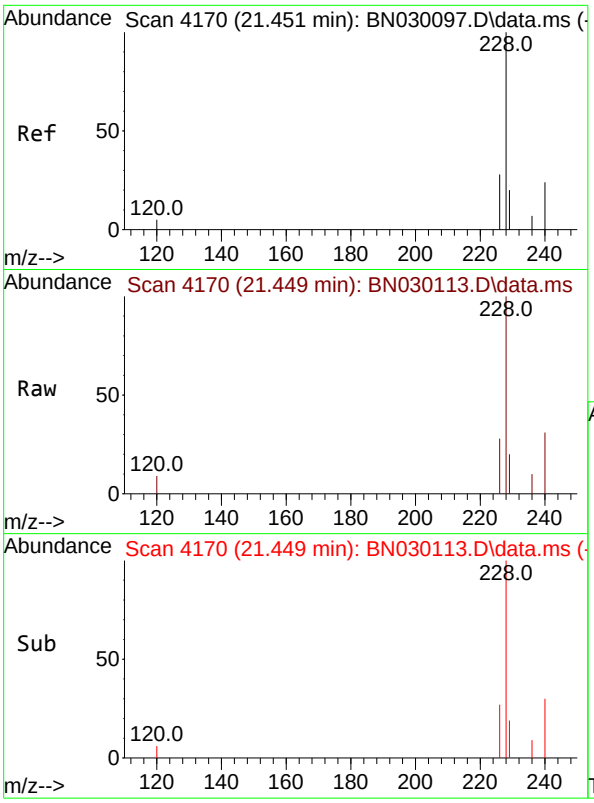


#20
Pyrene
Concen: 0.434 ng/ul
RT: 19.685 min Scan# 3670
Delta R.T. 0.000 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Tgt Ion:202 Resp: 12434

Ion	Ratio	Lower	Upper
202	100		
101	15.4	12.5	18.7
100	12.9	10.0	15.0





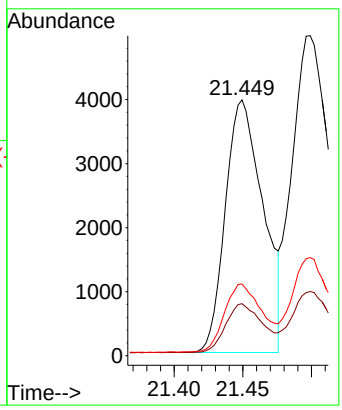
#21
Benzo(a)anthracene
Concen: 0.345 ng/ul
RT: 21.449 min Scan# 4

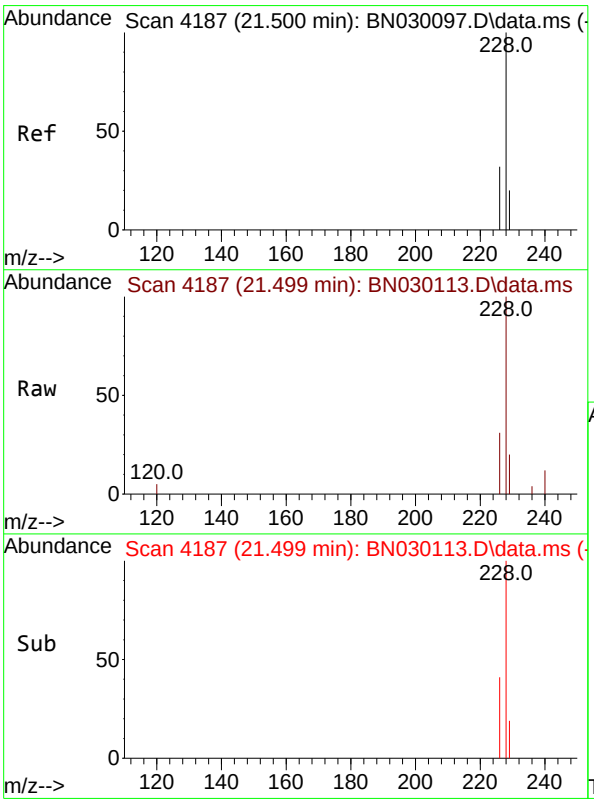
Instrument :
BNA_N
ClientSampleId :
SLCS254

Delta R.T. -0.001 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Tgt Ion:228 Resp: 7567

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.7	23.5
226	28.0	22.2	33.4

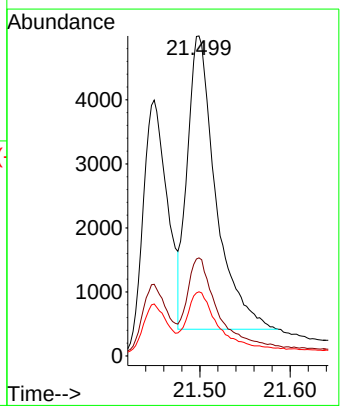


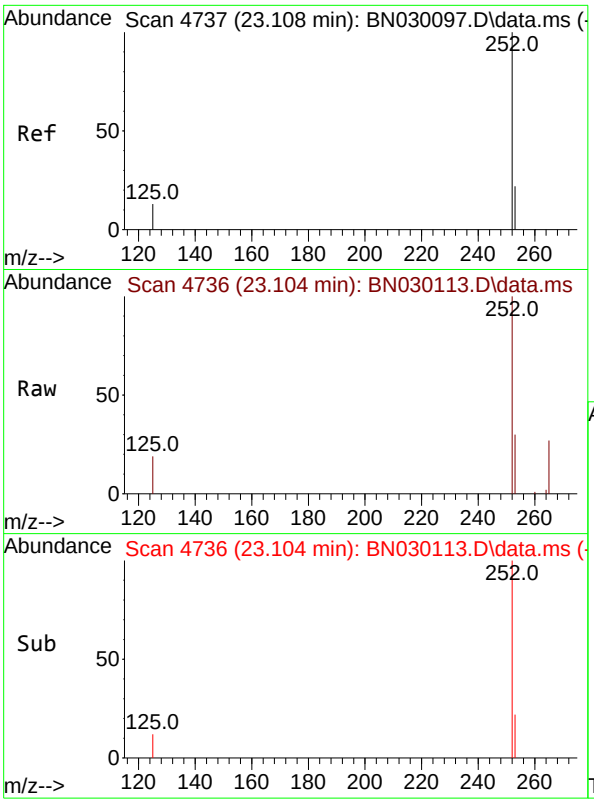


#22
Chrysene
Concen: 0.418 ng/ul
RT: 21.499 min Scan# 4187
Delta R.T. -0.001 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Tgt Ion:228 Resp: 10046

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	20.0	15.7	23.5



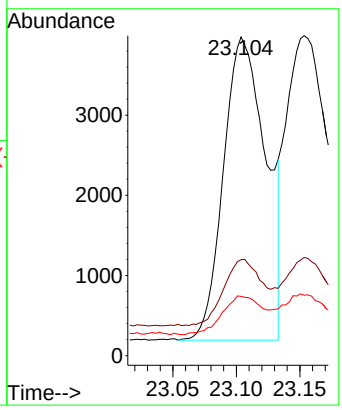


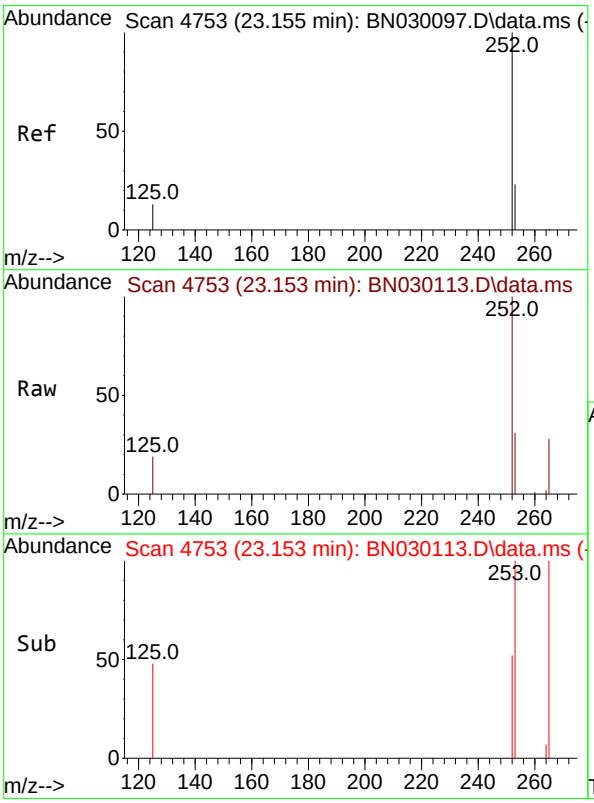
#24
Benzo(b)fluoranthene
Concen: 0.455 ng/ul
RT: 23.104 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Instrument :
BNA_N
ClientSampleId :
SLCS254

Tgt Ion:252 Resp: 8789

Ion	Ratio	Lower	Upper
252	100		
253	30.1	0.0	56.8
125	18.6	0.0	32.4

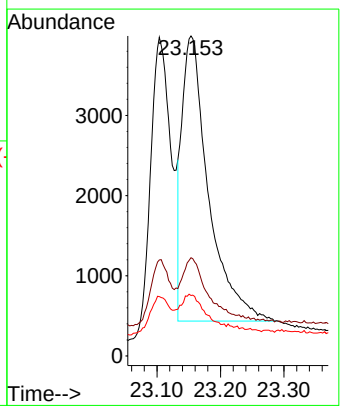


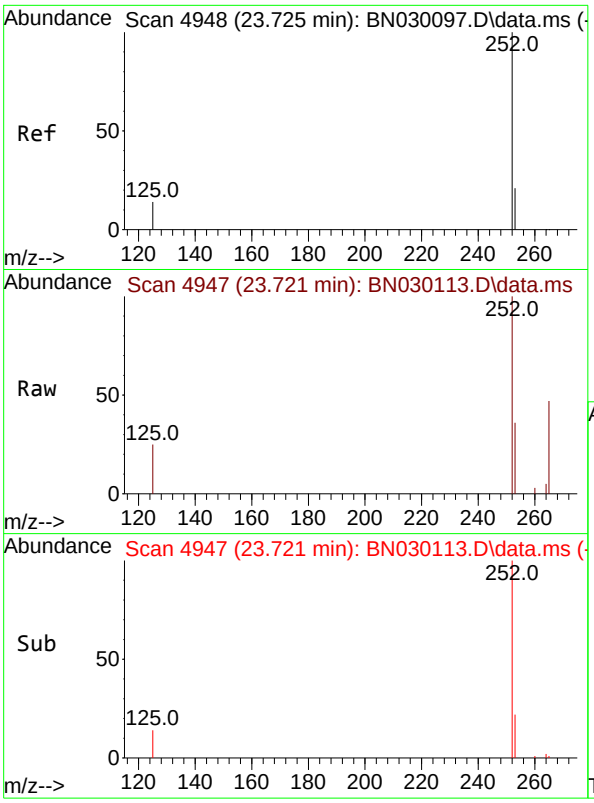


#25
Benzo(k)fluoranthene
Concen: 0.482 ng/ul
RT: 23.153 min Scan# 4753
Delta R.T. -0.001 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Tgt Ion:252 Resp: 10335

Ion	Ratio	Lower	Upper
252	100		
253	30.7	22.6	33.8
125	18.9	15.3	22.9



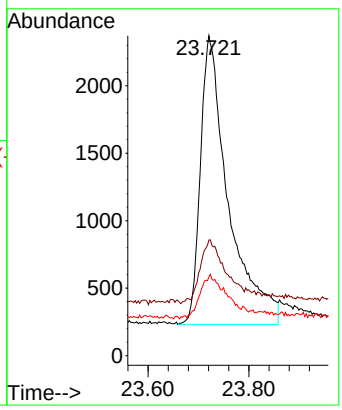


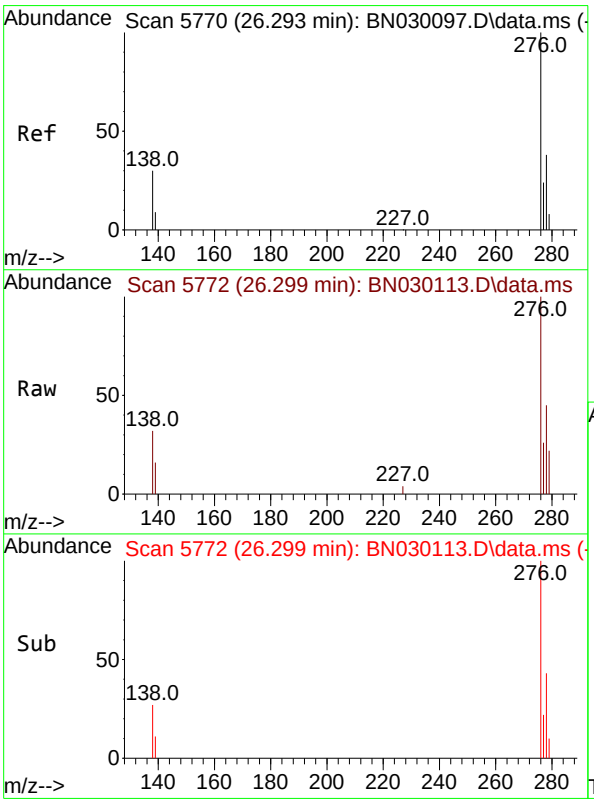
#26
Benzo(a)pyrene
Concen: 0.455 ng/ul
RT: 23.721 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Instrument :
BNA_N
ClientSampleId :
SLCS254

Tgt Ion:252 Resp: 8261

Ion	Ratio	Lower	Upper
252	100		
253	36.1	25.4	38.0
125	24.5	16.0	24.0#

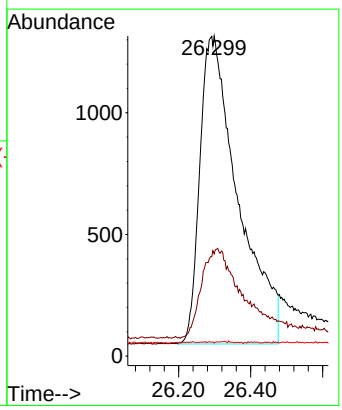


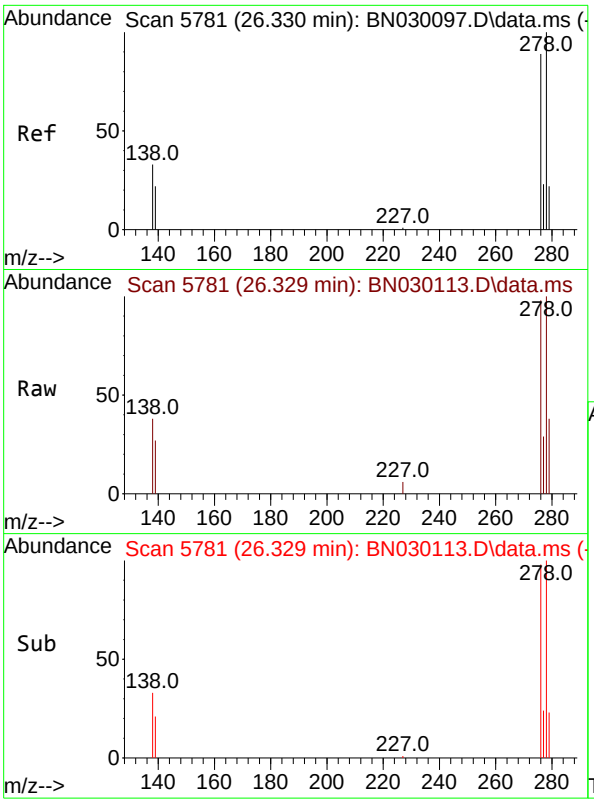


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.424 ng/ul
RT: 26.299 min Scan# 5772
Delta R.T. 0.005 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Tgt Ion:276 Resp: 9355

Ion	Ratio	Lower	Upper
276	100		
138	31.4	0.0	0.0#
227	0.0	0.0	0.0#



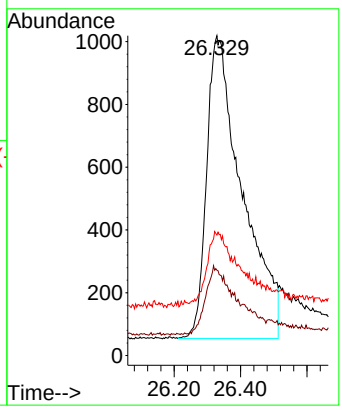


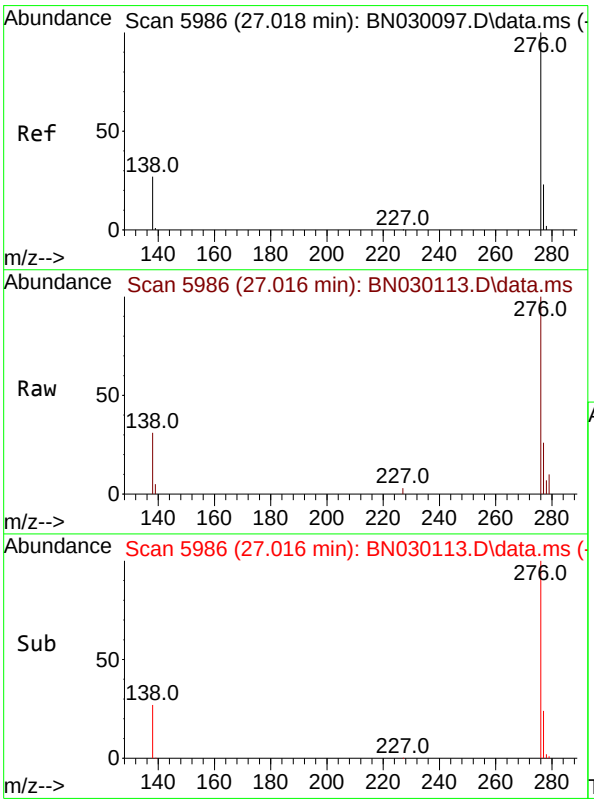
#28
Dibenzo(a,h)anthracene
Concen: 0.414 ng/ul
RT: 26.329 min Scan# 5
Delta R.T. -0.001 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Instrument :
BNA_N
ClientSampleId :
SLCS254

Tgt Ion:278 Resp: 7167

Ion	Ratio	Lower	Upper
278	100		
139	26.7	19.0	28.4
279	37.7	22.6	34.0#





#29
Benzo(g,h,i)perylene
Concen: 0.446 ng/ul
RT: 27.016 min Scan# 5986
Delta R.T. -0.001 min
Lab File: BN030113.D
Acq: 28 Feb 2024 03:58

Tgt Ion:276 Resp: 8936

Ion	Ratio	Lower	Upper
276	100		
138	30.6	24.6	37.0
277	26.4	19.7	29.5