Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021723\
Data File : BN024066.D
Acq On : 17 Feb 2023 14:48
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Quant Time: Feb 17 21:36:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 14:45:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.830	152	4454	0.400	ng/ul	0.00
4) Naphthalene-d8	10.634	136	11446	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.483	164	6545	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.234	188	13952	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.429	240	11015	0.400	ng/ul	# 0.00
23) Perylene-d12	23.817	264	7575	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.227	96	1779	0.373	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.229	152	5965	0.333	ng/ul	0.00
18) Fluoranthene-d10	19.267	212	13029	0.440	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.260	88	1899	0.375	ng/ul#	86
5) Naphthalene	10.683	128	11635	0.372	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	7169	0.352	ng/ul	100
8) 1-Methylnaphthalene	12.520	142	7416	0.356	ng/ul	100
10) Acenaphthylene	14.201	152	9259	0.370	ng/ul	100
11) Acenaphthene	14.544	153	8303	0.377	ng/ul	99
12) Fluorene	15.534	166	9398	0.353	ng/ul	98
14) Pentachlorophenol	16.888	266	1233	0.268	ng/ul	98
15) Phenanthrene	17.276	178	15402	0.370	ng/ul	100
16) Anthracene	17.365	178	12391	0.356	ng/ul	99
19) Fluoranthene	19.295	202	16965	0.463	ng/ul#	95
20) Pyrene	19.657	202	16832	0.444	ng/ul#	93
21) Benzo(a)anthracene	21.411	228	13142	0.351	ng/ul	100
22) Chrysene	21.464	228	15156	0.385	ng/ul	99
24) Benzo(b)fluoranthene	23.092	252	13780	0.412	ng/ul	98
25) Benzo(k)fluoranthene	23.136	252	13552	0.414	ng/ul#	96
26) Benzo(a)pyrene	23.715	252	10284	0.369	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.292	276	13681	0.350	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.309	278	10889	0.348	ng/ul	97
29) Benzo(g,h,i)perylene	27.063	276	12071	0.375	ng/ul	96

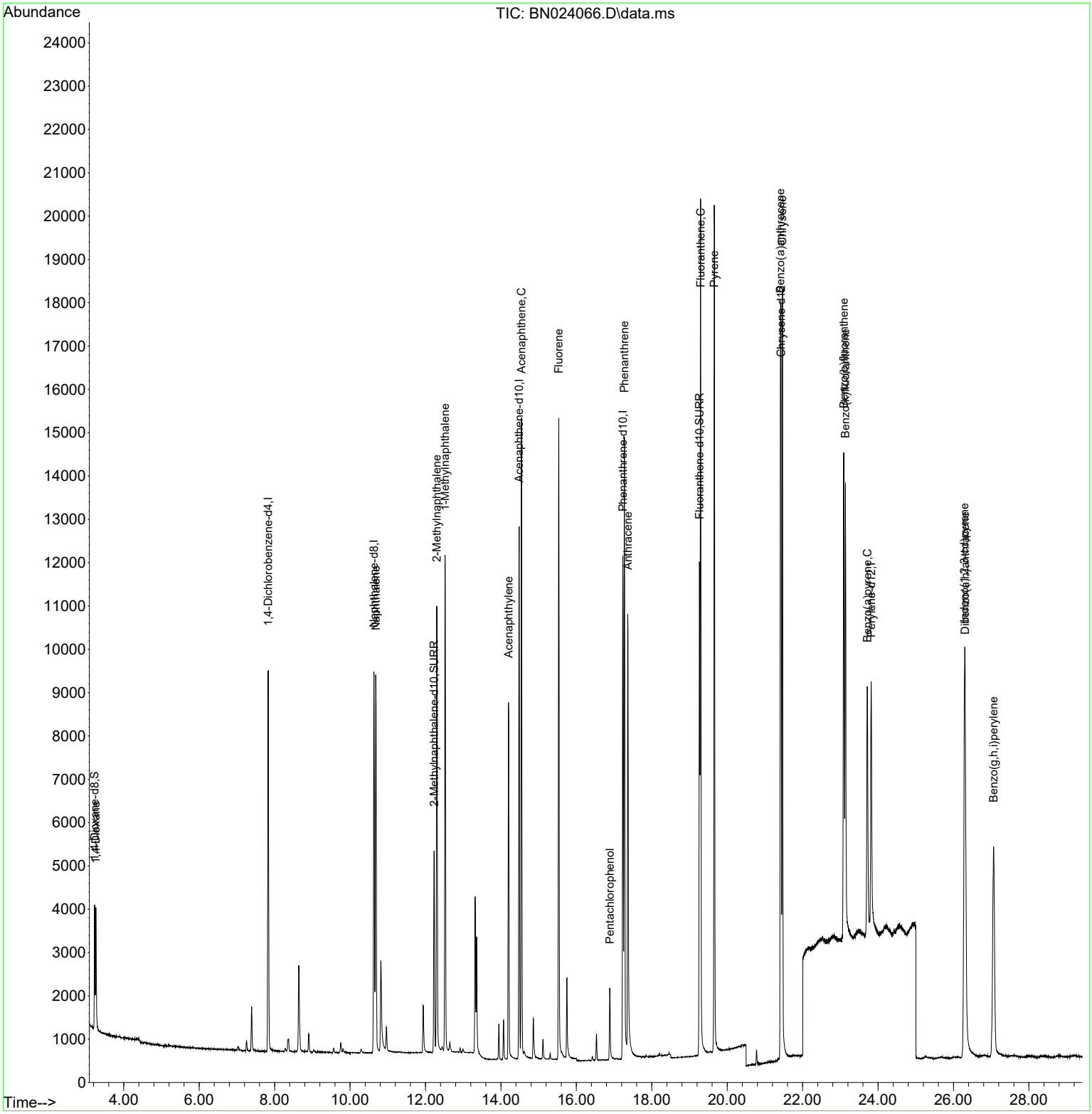
(#) = qualifier out of range (m) = manual integration (+) = signals summed

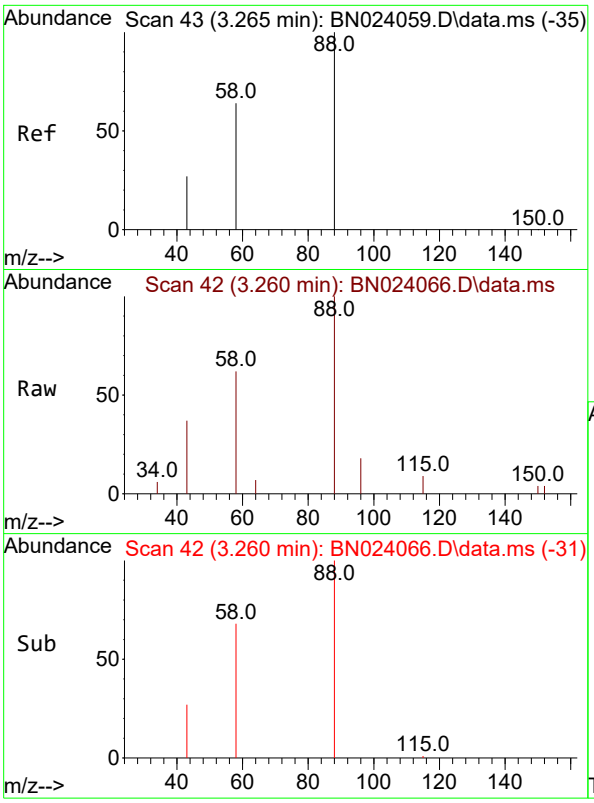
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021723\
Data File : BN024066.D
Acq On : 17 Feb 2023 14:48
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Quant Time: Feb 17 21:36:10 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN013023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 14:45:13 2023
Response via : Initial Calibration



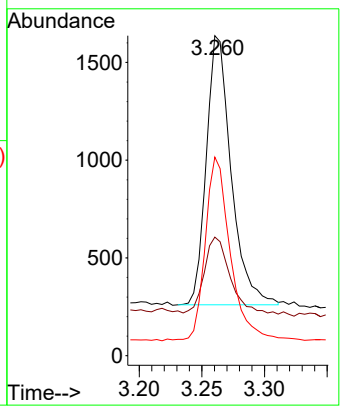


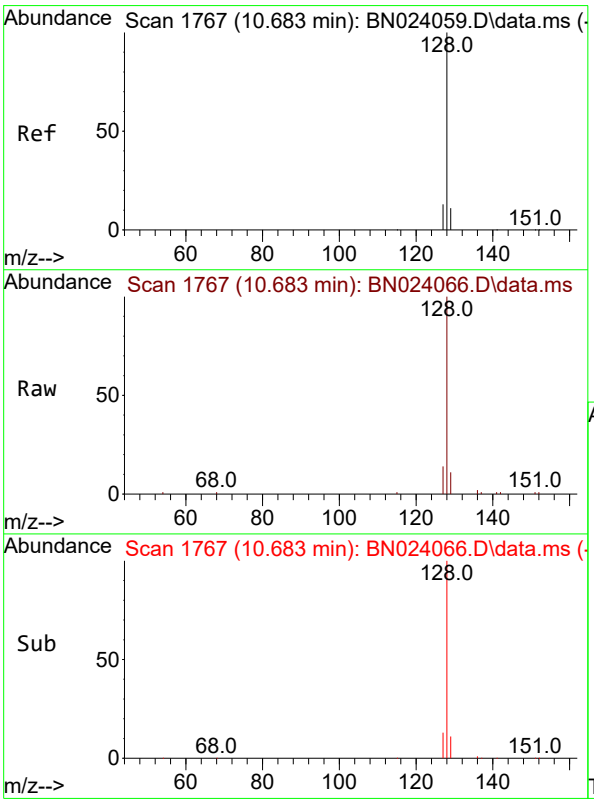
#2
1,4-Dioxane
Concen: 0.375 ng/ul
RT: 3.260 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion: 88 Resp: 1899

Ion	Ratio	Lower	Upper
88	100		
43	37.1	41.9	62.9#
58	62.1	45.6	68.4

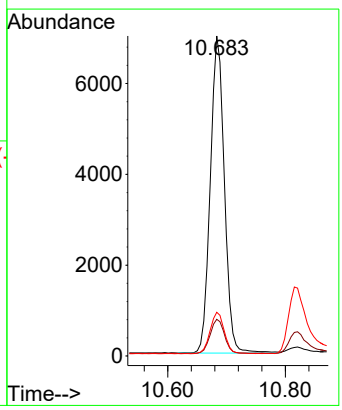


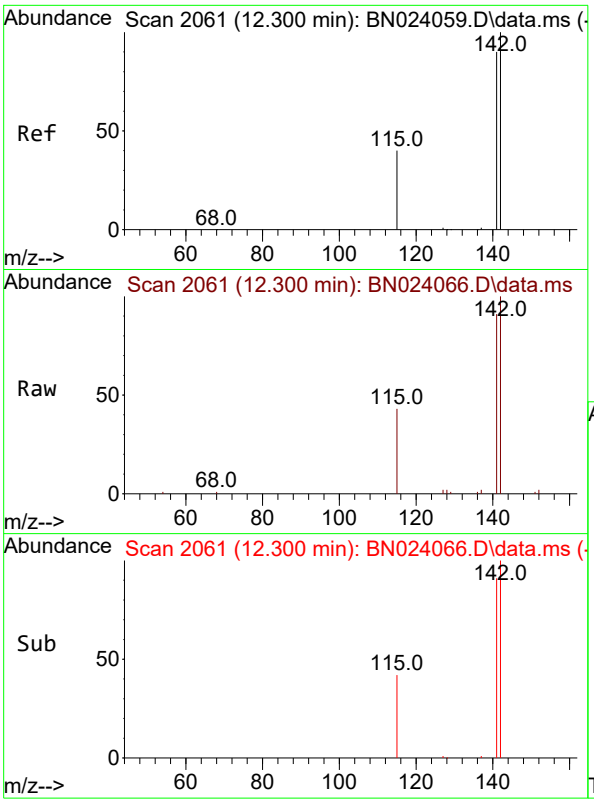


#5
Naphthalene
Concen: 0.372 ng/ul
RT: 10.683 min Scan# 1767
Delta R.T. -0.005 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Tgt Ion:128 Resp: 11635

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.7	14.5
127	13.6	11.1	16.7



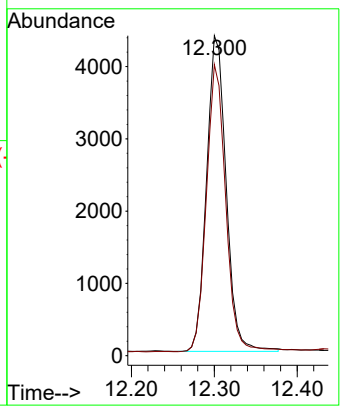


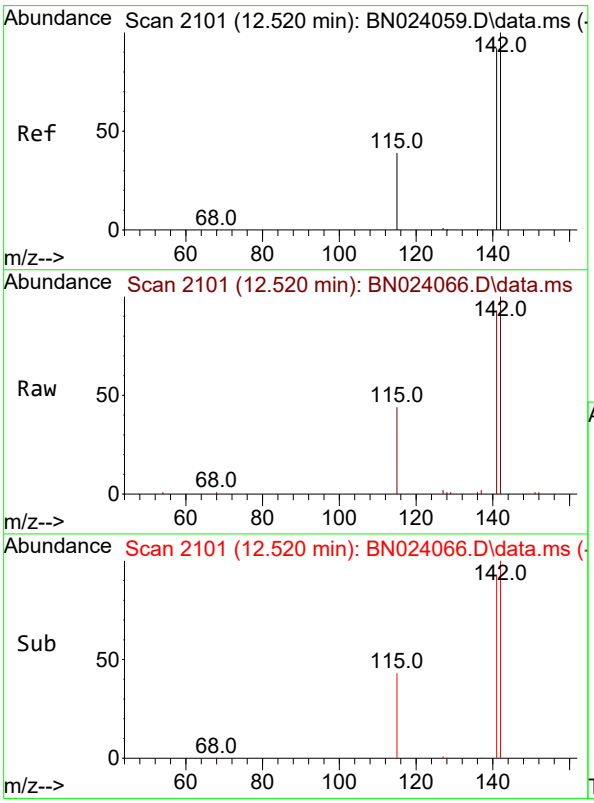
#7
2-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.300 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:142 Resp: 7169

Ion	Ratio	Lower	Upper
142	100		
141	89.5	71.6	107.4

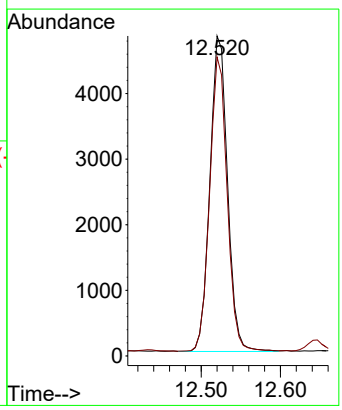


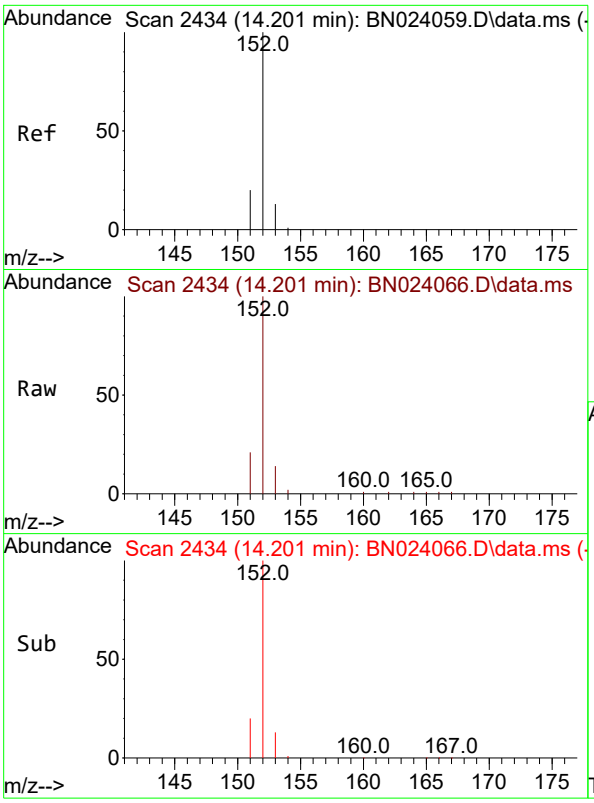


#8
1-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.005 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Tgt Ion:142 Resp: 7416

Ion	Ratio	Lower	Upper
142	100		
141	92.5	74.1	111.1



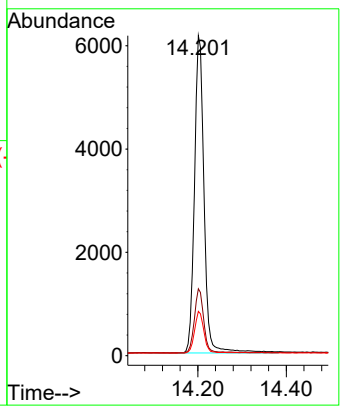


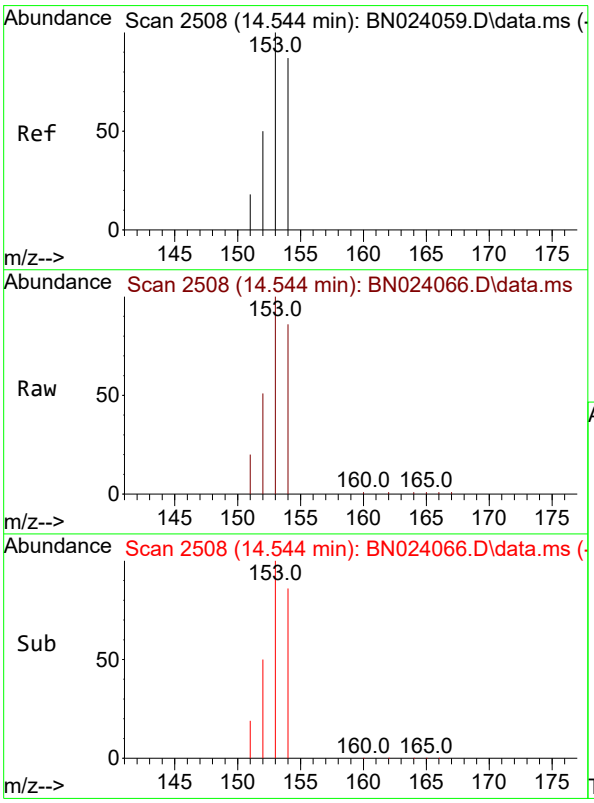
#10
Acenaphthylene
Concen: 0.370 ng/ul
RT: 14.201 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:152 Resp: 9259

Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.0	25.4
153	13.9	11.1	16.7

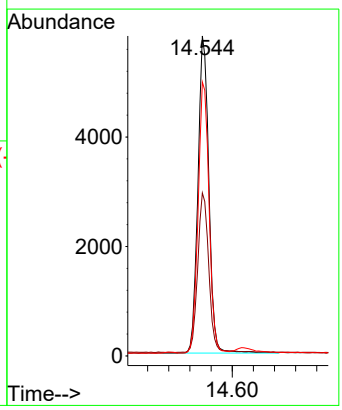


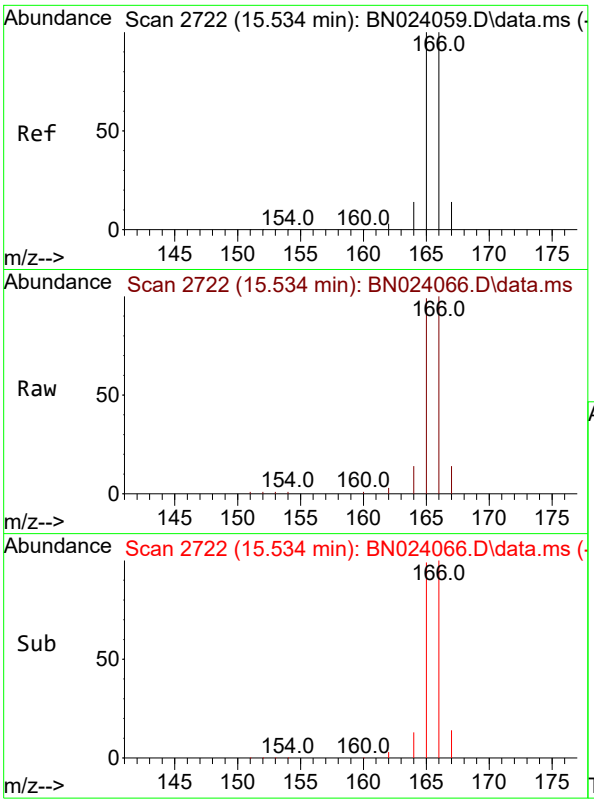


#11
Acenaphthene
Concen: 0.377 ng/ul
RT: 14.544 min Scan# 2508
Delta R.T. -0.005 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Tgt Ion:153 Resp: 8303

Ion	Ratio	Lower	Upper
153	100		
152	51.0	39.6	59.4
154	85.6	68.8	103.2



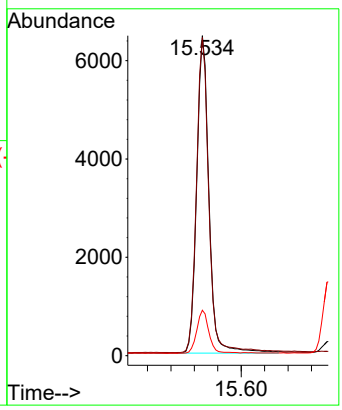


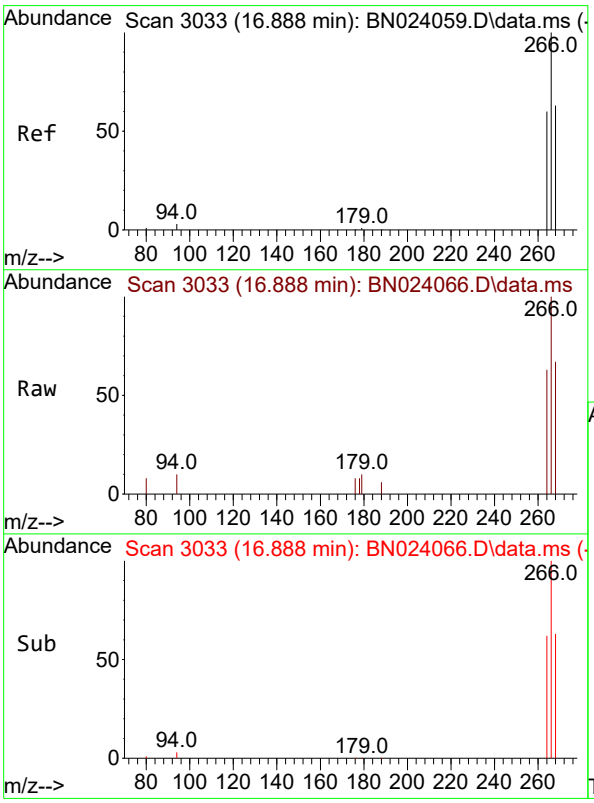
#12
Fluorene
Concen: 0.353 ng/ul
RT: 15.534 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:166 Resp: 9398

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.4	116.2
167	14.2	11.4	17.0

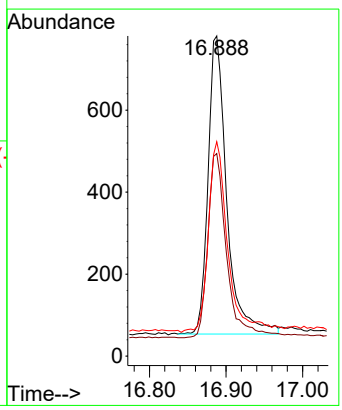


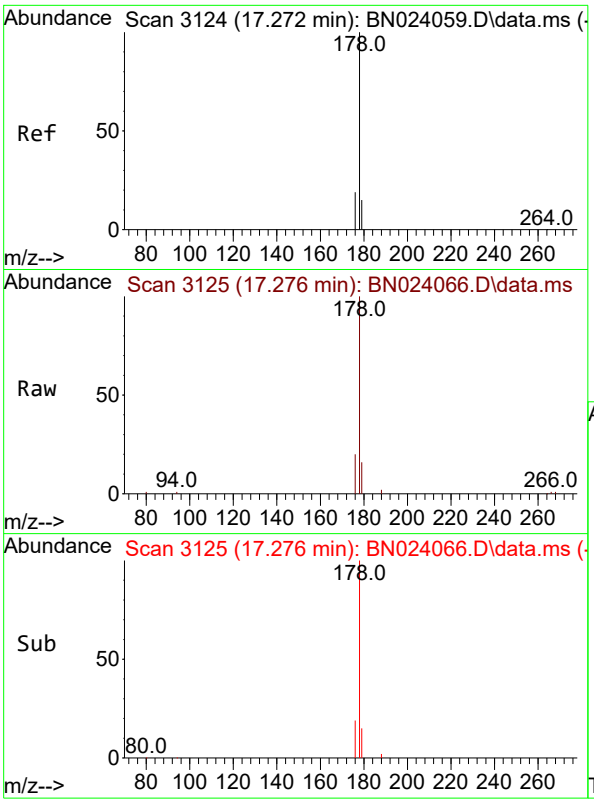


#14
Pentachlorophenol
Concen: 0.268 ng/ul
RT: 16.888 min Scan# 3033
Delta R.T. -0.004 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Tgt Ion:266 Resp: 1233

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.4	74.0
268	66.8	52.0	78.0



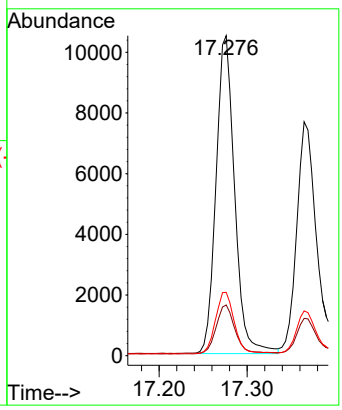


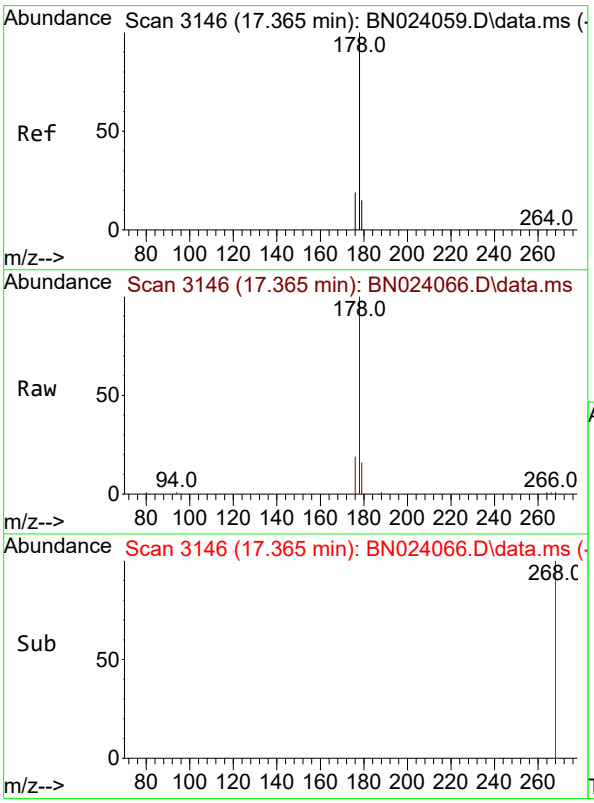
#15
Phenanthrene
Concen: 0.370 ng/ul
RT: 17.276 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:178 Resp: 15402

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.8	15.7	23.5

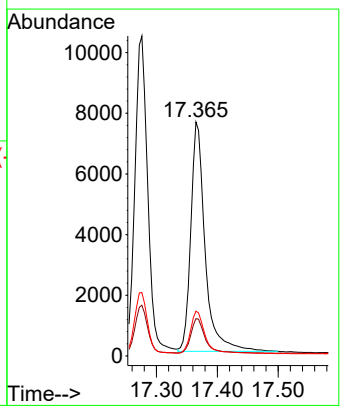


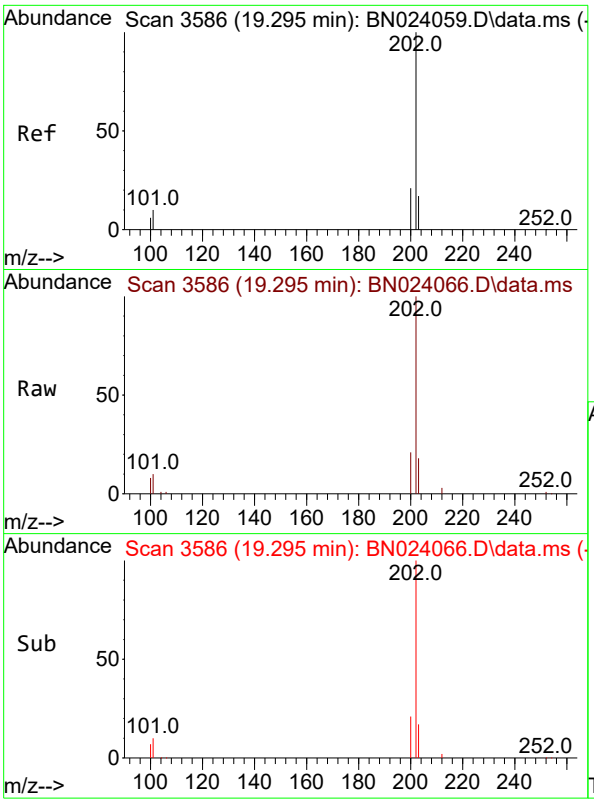


#16
Anthracene
Concen: 0.356 ng/ul
RT: 17.365 min Scan# 3146
Delta R.T. -0.004 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Tgt Ion:178 Resp: 12391

Ion	Ratio	Lower	Upper
178	100		
179	16.0	13.4	20.0
176	19.2	15.4	23.2



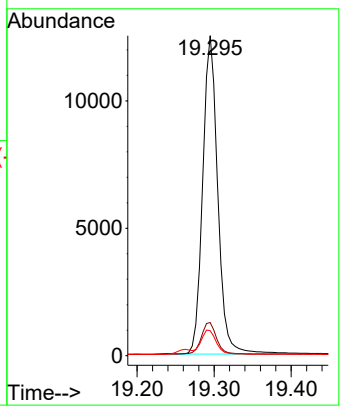


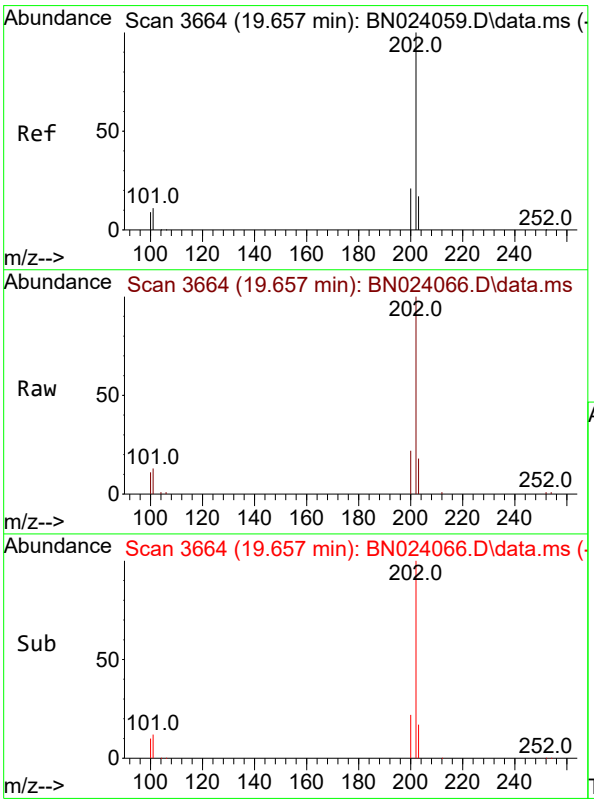
#19
Fluoranthene
Concen: 0.463 ng/ul
RT: 19.295 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:202 Resp: 16965

Ion	Ratio	Lower	Upper
202	100		
101	10.3	6.8	10.2#
100	7.8	5.2	7.8

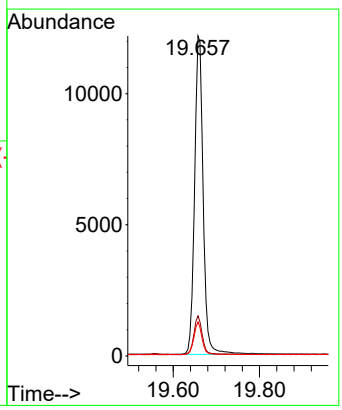


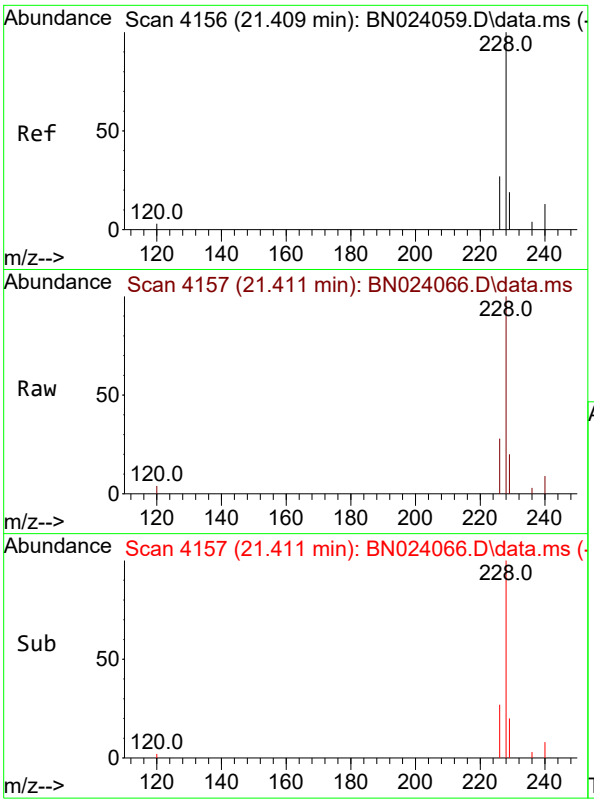


#20
Pyrene
Concen: 0.444 ng/ul
RT: 19.657 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Tgt Ion:202 Resp: 16832

Ion	Ratio	Lower	Upper
202	100		
101	12.5	8.1	12.1#
100	10.6	6.2	9.4#



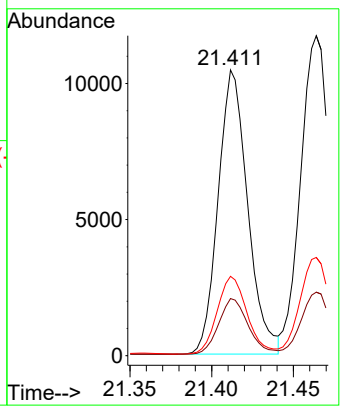


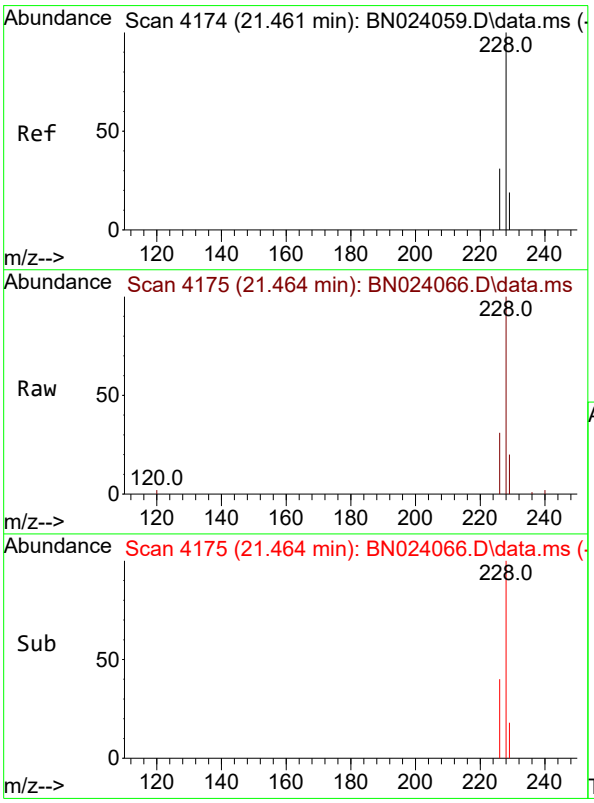
#21
Benzo(a)anthracene
Concen: 0.351 ng/ul
RT: 21.411 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:228 Resp: 13142

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.8
226	27.8	22.0	33.0

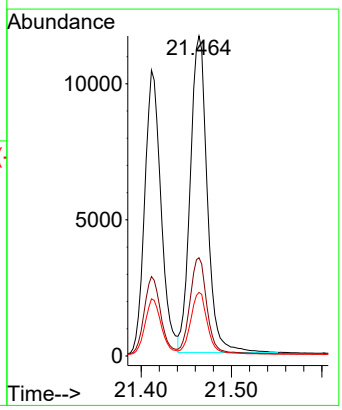


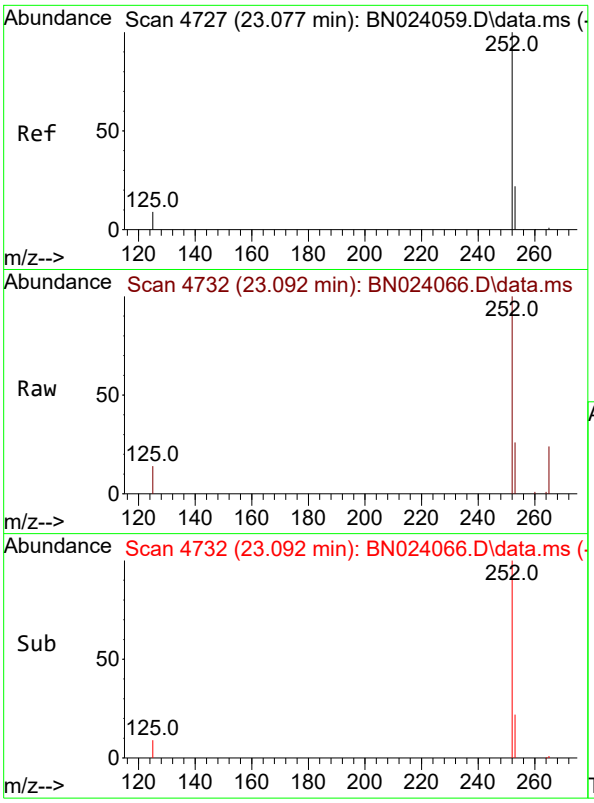


#22
Chrysene
Concen: 0.385 ng/ul
RT: 21.464 min Scan# 4175
Delta R.T. -0.003 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Tgt Ion:228 Resp: 15156

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.2	36.2
229	19.8	15.5	23.3



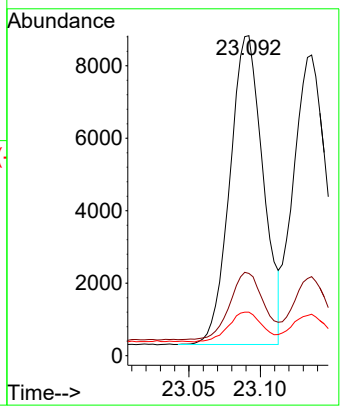


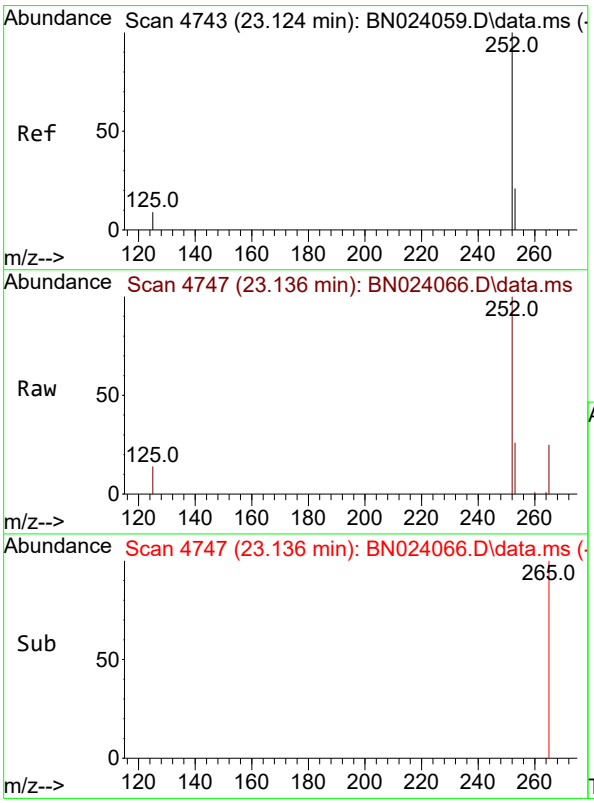
#24
Benzo(b)fluoranthene
Concen: 0.412 ng/ul
RT: 23.092 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:252 Resp: 13780

Ion	Ratio	Lower	Upper
252	100		
253	25.7	0.0	51.8
125	13.6	0.0	23.6

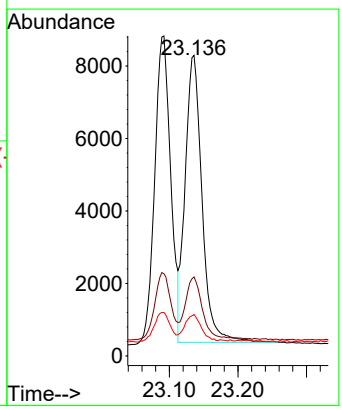


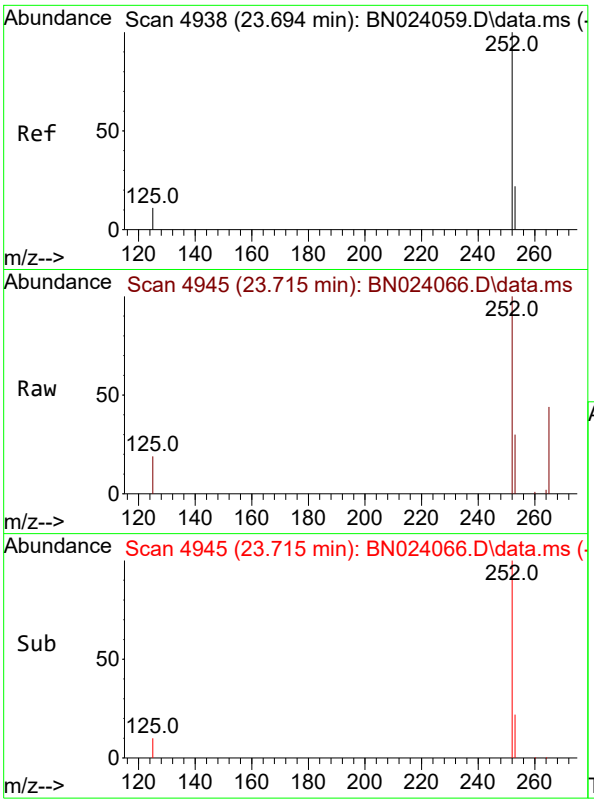


#25
Benzo(k)fluoranthene
Concen: 0.414 ng/ul
RT: 23.136 min Scan# 4747
Delta R.T. -0.003 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Tgt Ion:252 Resp: 13552

Ion	Ratio	Lower	Upper
252	100		
253	26.3	20.2	30.2
125	13.8	9.0	13.4#



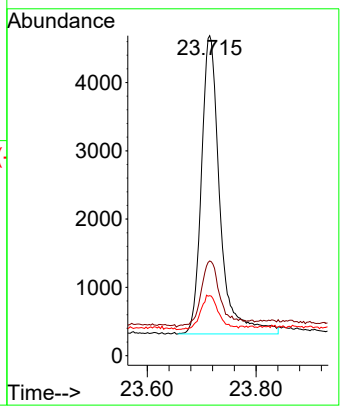


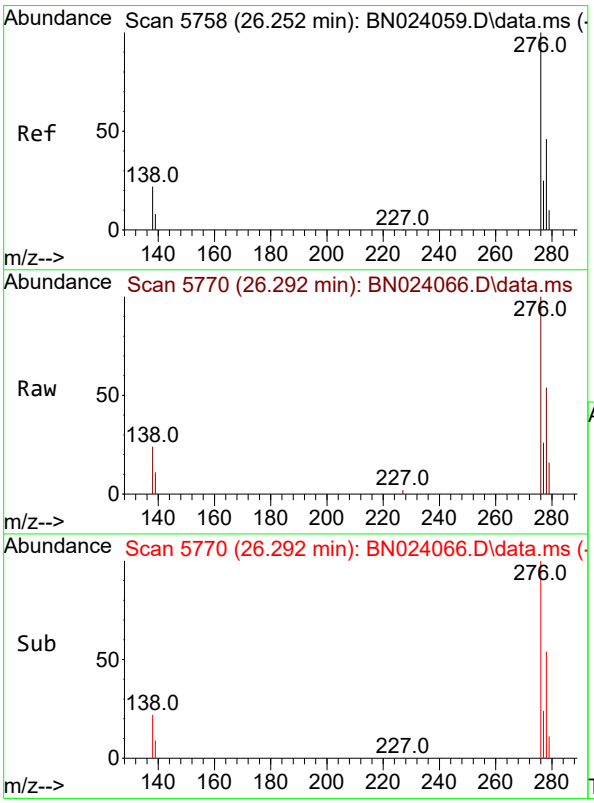
#26
Benzo(a)pyrene
Concen: 0.369 ng/ul
RT: 23.715 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:252 Resp: 10284

Ion	Ratio	Lower	Upper
252	100		
253	29.6	21.5	32.3
125	18.8	11.2	16.8#

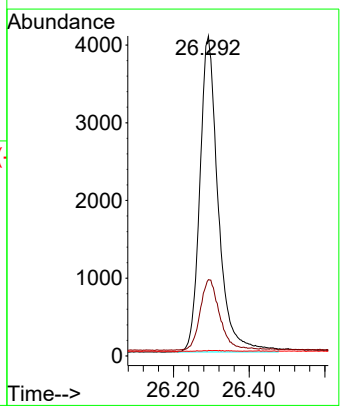


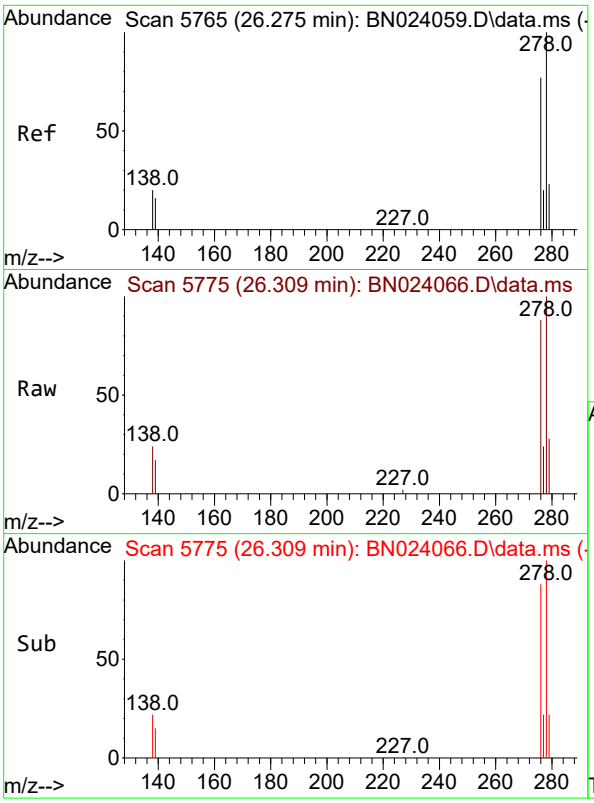


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.350 ng/ul
RT: 26.292 min Scan# 5770
Delta R.T. 0.000 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Tgt Ion:276 Resp: 13681

Ion	Ratio	Lower	Upper
276	100		
138	24.1	17.0	25.6
227	0.2	0.2	0.4#



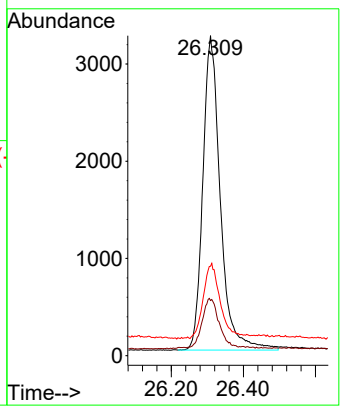


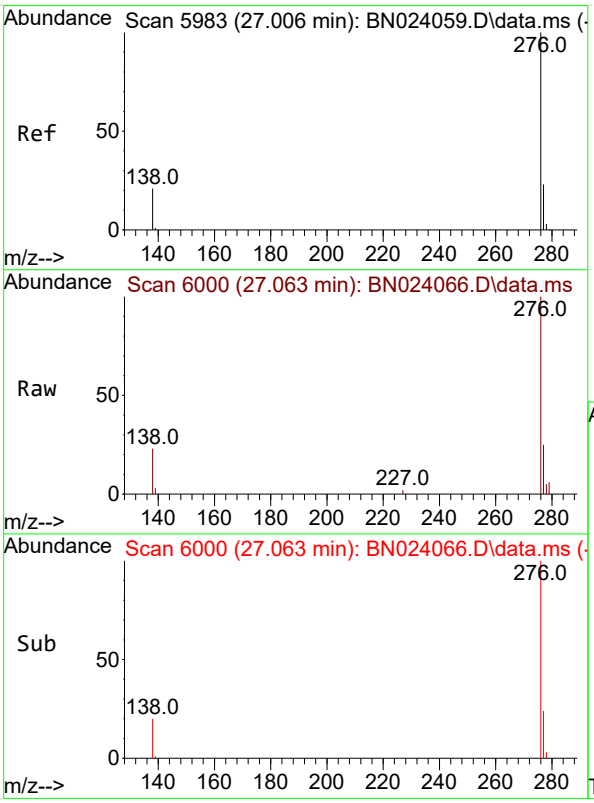
#28
Dibenzo(a,h)anthracene
Concen: 0.348 ng/ul
RT: 26.309 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Instrument :
BNA_N
ClientSampleId :
SSTD0.4382

Tgt Ion:278 Resp: 10889

Ion	Ratio	Lower	Upper
278	100		
139	17.3	12.3	18.5
279	27.9	21.4	32.0





#29
Benzo(g,h,i)perylene
Concen: 0.375 ng/ul
RT: 27.063 min Scan# 6000
Delta R.T. 0.017 min
Lab File: BN024066.D
Acq: 17 Feb 2023 14:48

Tgt Ion:276 Resp: 12071

Ion	Ratio	Lower	Upper
276	100		
138	22.5	15.3	22.9
277	25.4	19.9	29.9