Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BNCCC161.D
Acq On : 01 Jul 2023 21:30
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 01 22:36:57 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	6751	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	22443	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.598	164	12108	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	19464	0.400	ng/ul	0.00
17) Chrysene-d12	21.534	240	11724	0.400	ng/ul	0.00
23) Perylene-d12	23.995	264	12960	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	2614	0.344	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	12407	0.359	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	16906	0.379	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.360	88	2751	0.341	ng/ul	94
5) Naphthalene	10.819	128	24710	0.384	ng/ul	100
7) 2-Methylnaphthalene	12.431	142	14520	0.354	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	15522	0.366	ng/ul	100
10) Acenaphthylene	14.320	152	22573	0.398	ng/ul	99
11) Acenaphthene	14.662	153	17639	0.380	ng/ul	98
12) Fluorene	15.648	166	18218	0.343	ng/ul	100
14) Pentachlorophenol	17.009	266	3422	0.490	ng/ul	99
15) Phenanthrene	17.393	178	24138	0.375	ng/ul	100
16) Anthracene	17.482	178	21057	0.368	ng/ul	99
19) Fluoranthene	19.404	202	23216	0.371	ng/ul	99
20) Pyrene	19.772	202	24277	0.373	ng/ul	97
21) Benzo(a)anthracene	21.516	228	17304	0.358	ng/ul	99
22) Chrysene	21.569	228	18579	0.369	ng/ul	97
24) Benzo(b)fluoranthene	23.238	252	19627	0.355	ng/ul	92
25) Benzo(k)fluoranthene	23.288	252	20217	0.364	ng/ul	93
26) Benzo(a)pyrene	23.890	252	18284	0.381	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.570	276	23327	0.445	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.594	278	18080	0.455	ng/ul	98
29) Benzo(g,h,i)perylene	27.375	276	20123	0.431	ng/ul	98

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

Quantitation Report (Not Reviewed)

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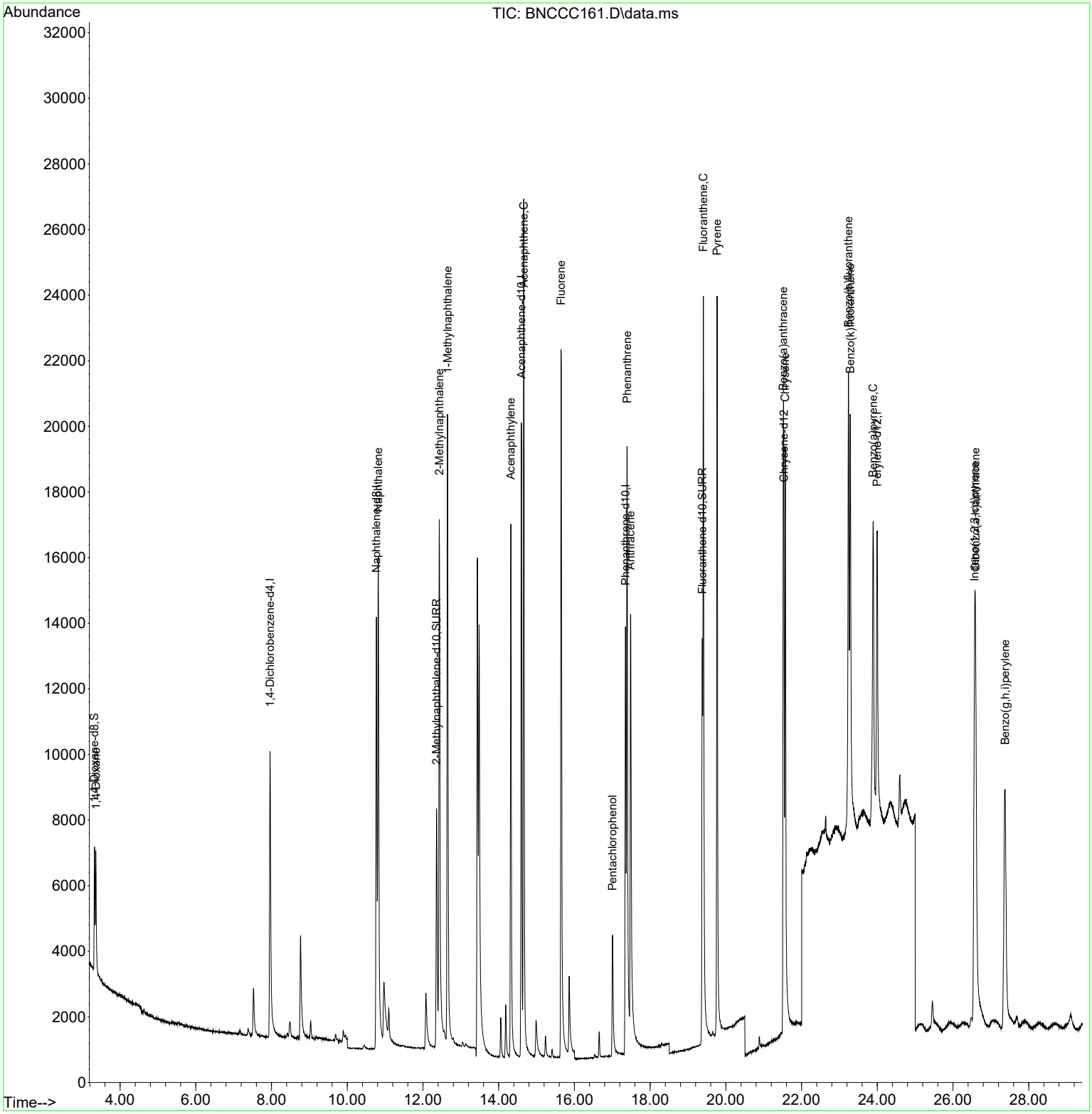
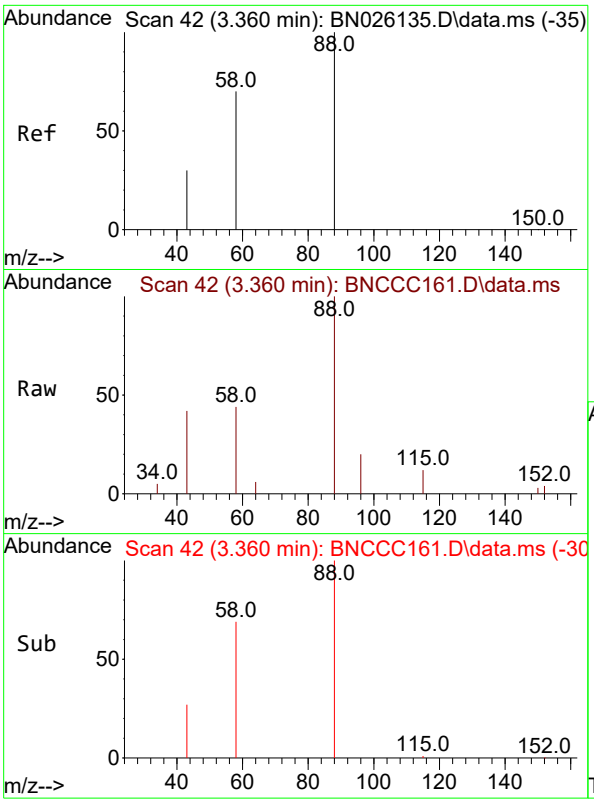
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration



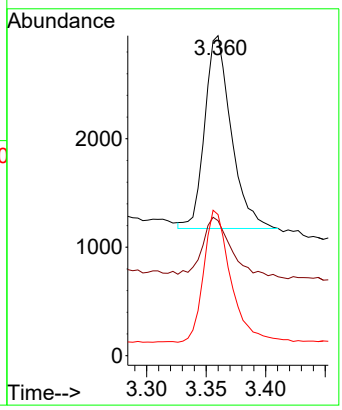


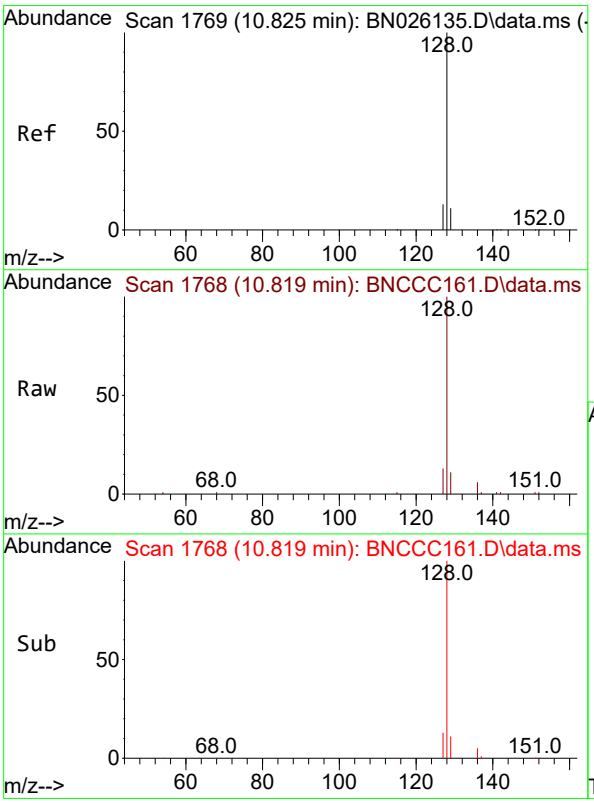
#2
1,4-Dioxane
Concen: 0.341 ng/ul
RT: 3.360 min Scan# 4
Delta R.T. -0.000 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 2751

Ion	Ratio	Lower	Upper
88	100		
43	42.2	29.5	44.3
58	44.1	37.4	56.2

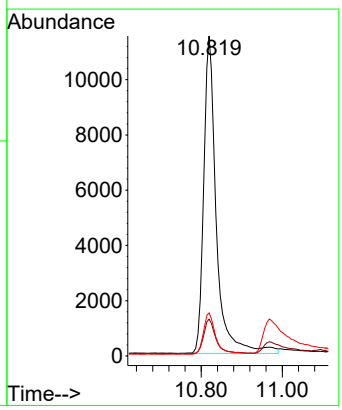


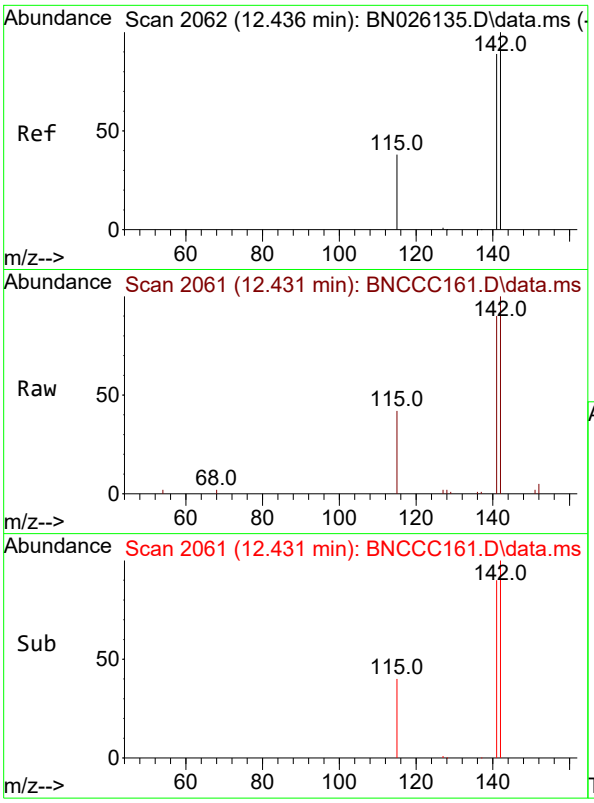


#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.819 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Tgt Ion:128 Resp: 24710

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.1	13.7
127	13.5	10.7	16.1



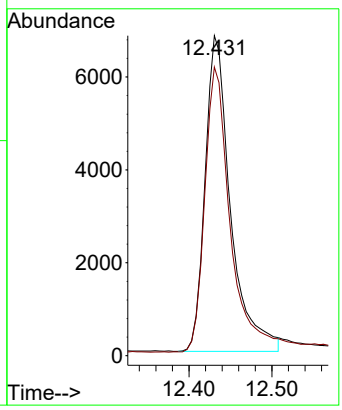


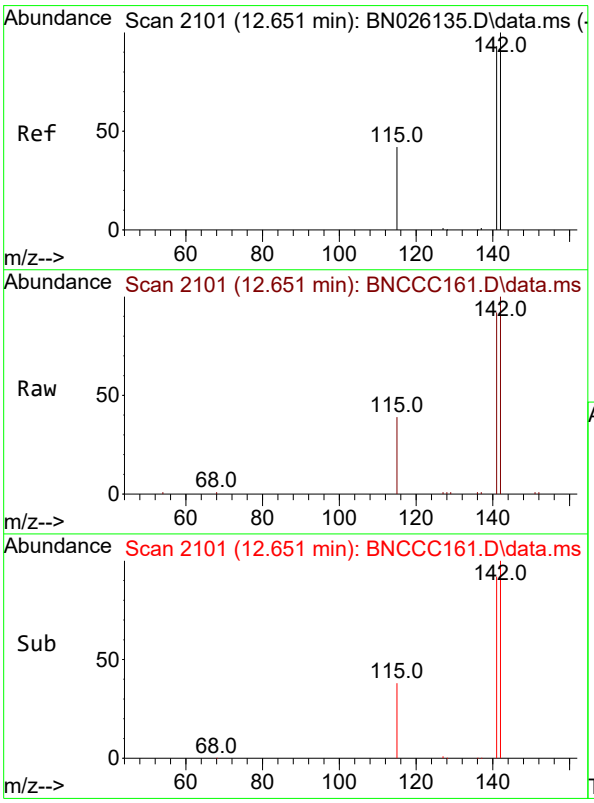
#7
2-Methylnaphthalene
Concen: 0.354 ng/ul
RT: 12.431 min Scan# 2
Delta R.T. -0.006 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 14520

Ion	Ratio	Lower	Upper
142	100		
141	90.2	71.9	107.9

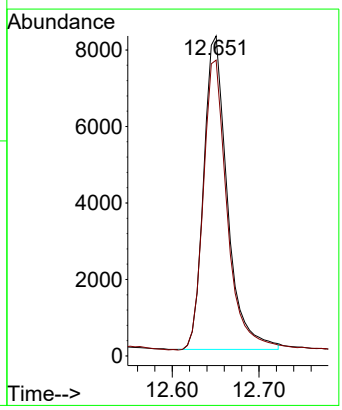


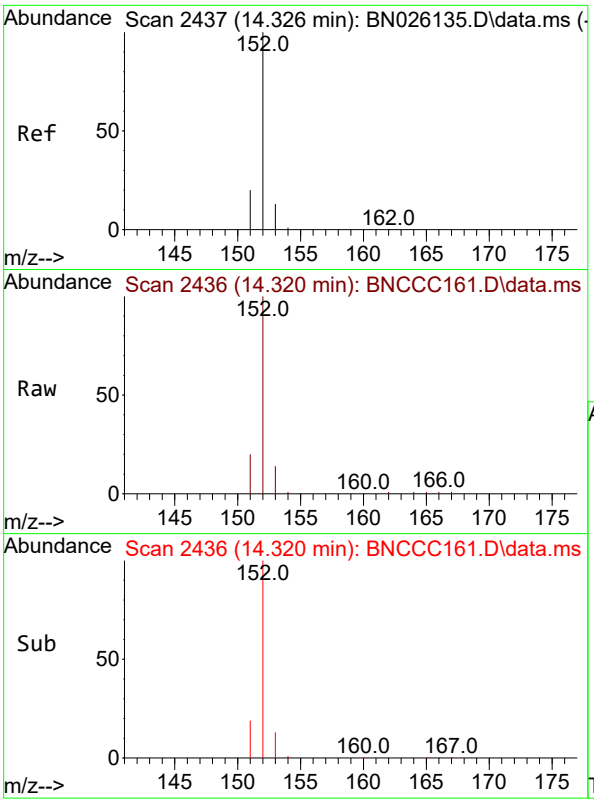


#8
1-Methylnaphthalene
Concen: 0.366 ng/ul
RT: 12.651 min Scan# 2101
Delta R.T. -0.000 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Tgt Ion:142 Resp: 15522

Ion	Ratio	Lower	Upper
142	100		
141	93.1	74.2	111.4



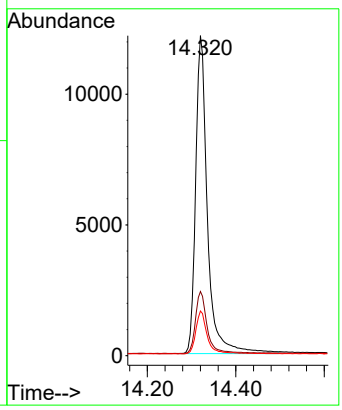


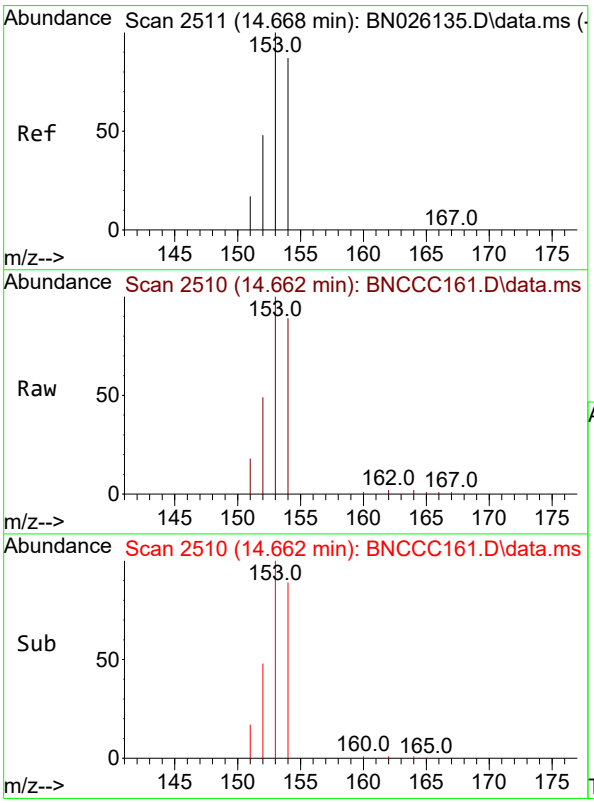
#10
Acenaphthylene
Concen: 0.398 ng/ul
RT: 14.320 min Scan# 24
Delta R.T. -0.006 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 22573

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.2	24.4
153	13.9	10.9	16.3

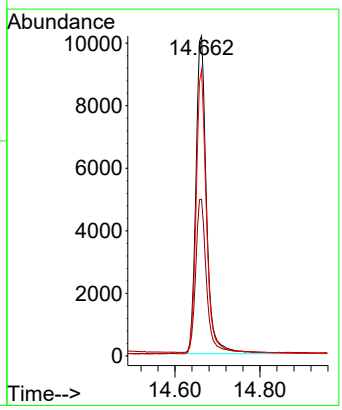


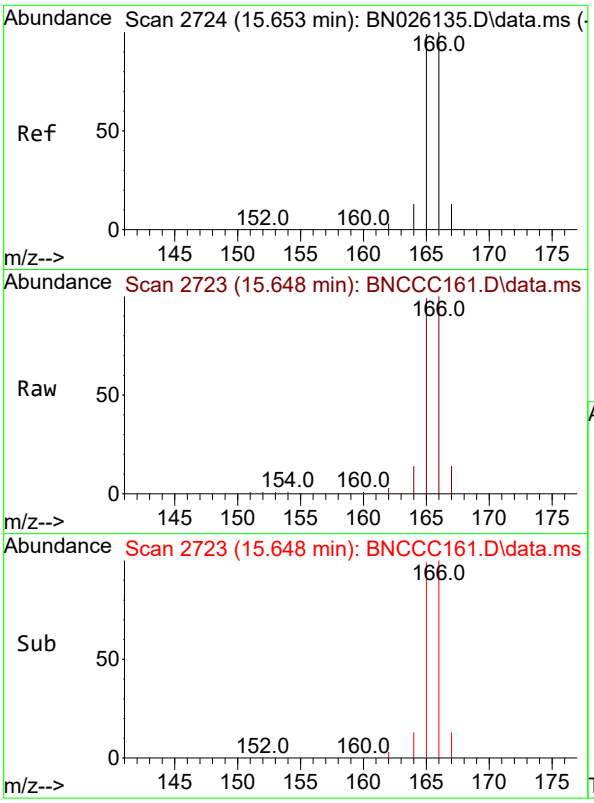


#11
Acenaphthene
Concen: 0.380 ng/ul
RT: 14.662 min Scan# 2510
Delta R.T. -0.006 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Tgt Ion:153 Resp: 17639

Ion	Ratio	Lower	Upper
153	100		
152	49.0	39.4	59.0
154	89.4	68.9	103.3



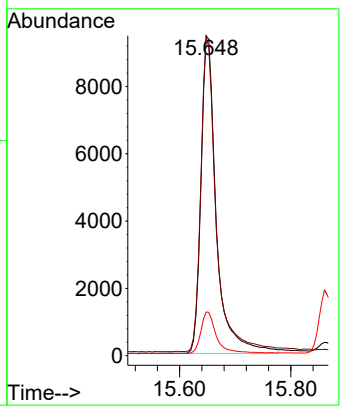


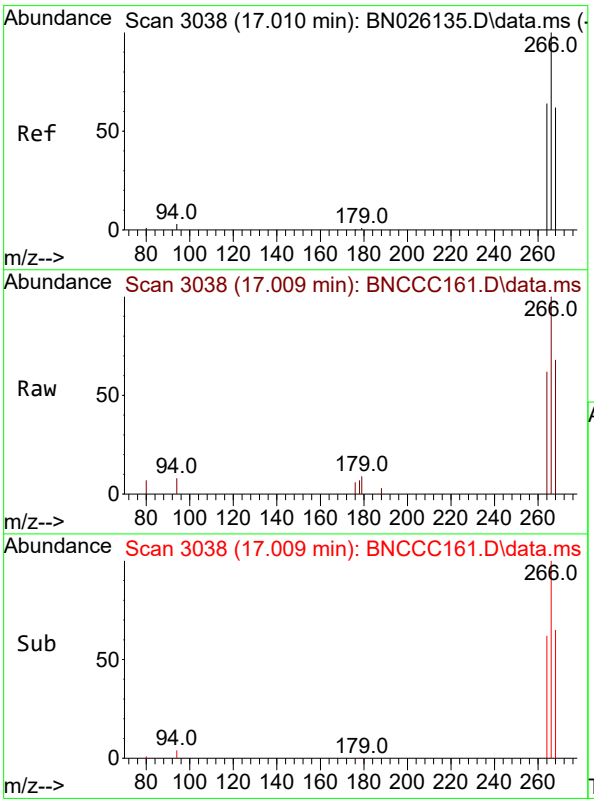
#12
Fluorene
Concen: 0.343 ng/ul
RT: 15.648 min Scan# 2
Delta R.T. -0.006 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 18218

Ion	Ratio	Lower	Upper
166	100		
165	99.5	79.9	119.9
167	13.7	10.8	16.2

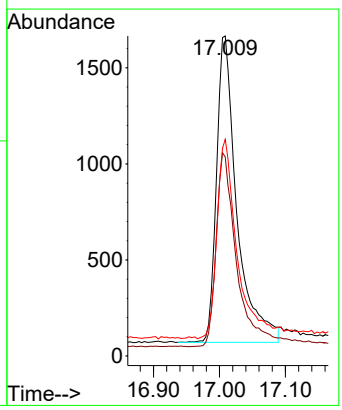


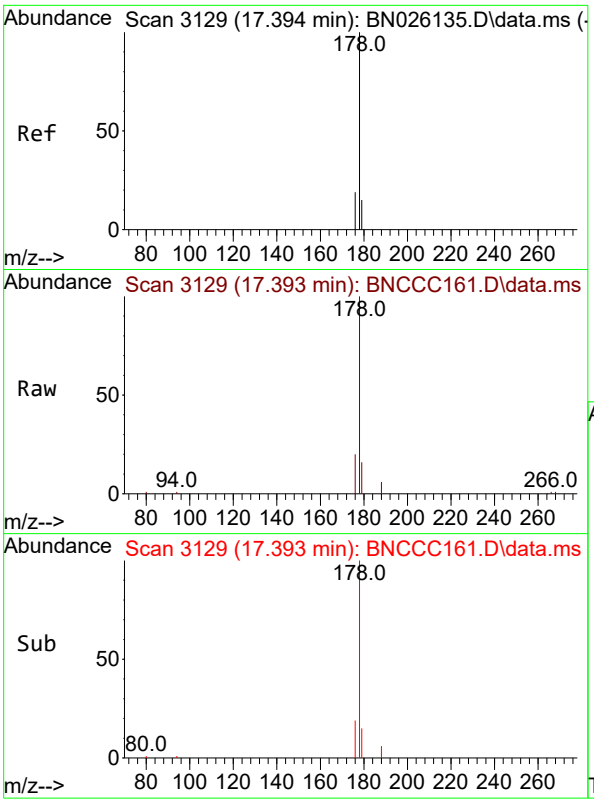


#14
Pentachlorophenol
Concen: 0.490 ng/ul
RT: 17.009 min Scan# 3038
Delta R.T. -0.001 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Tgt Ion:266 Resp: 3422

Ion	Ratio	Lower	Upper
266	100		
264	63.4	50.5	75.7
268	65.3	51.6	77.4



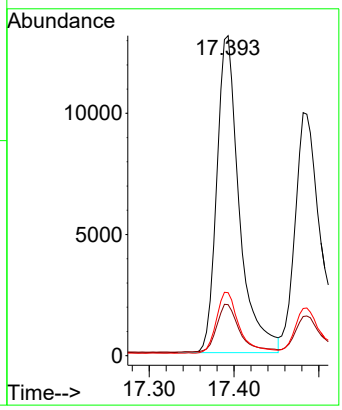


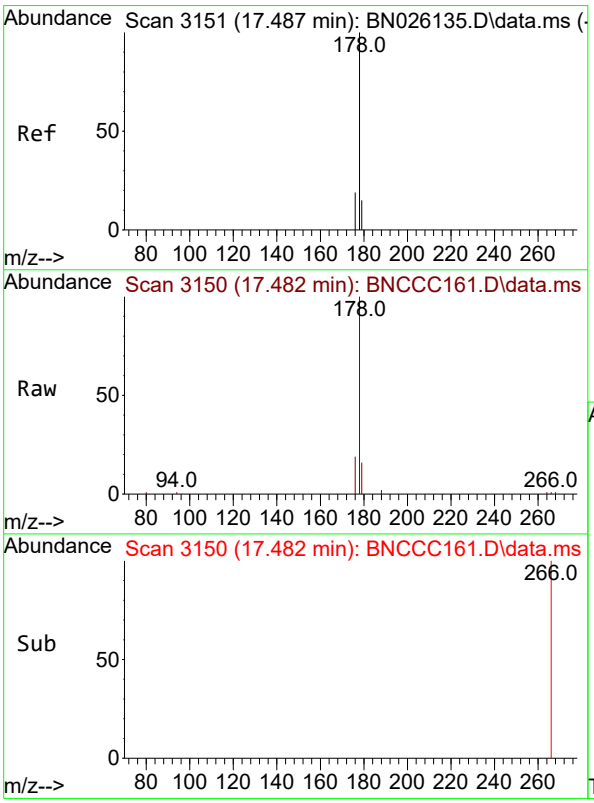
#15
Phenanthrene
Concen: 0.375 ng/ul
RT: 17.393 min Scan# 3
Delta R.T. -0.001 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 24138

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	19.0
176	19.7	15.8	23.6

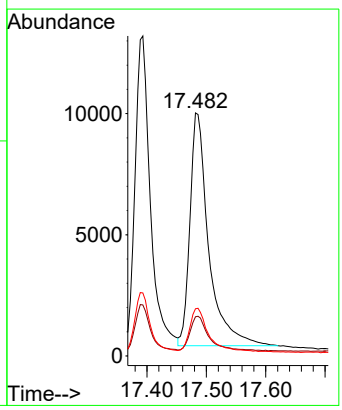


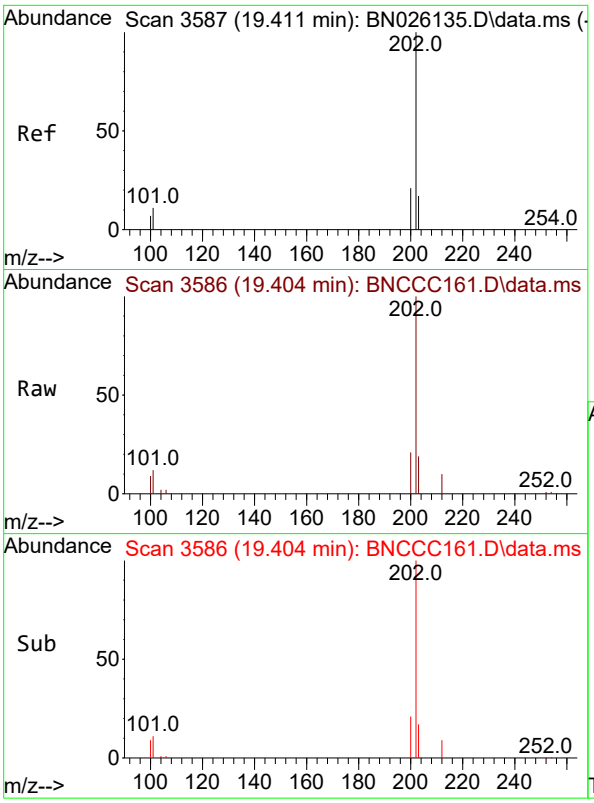


#16
Anthracene
Concen: 0.368 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Tgt Ion:178 Resp: 21057

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	18.8
176	19.5	15.1	22.7



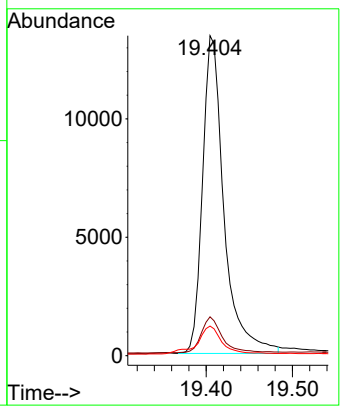


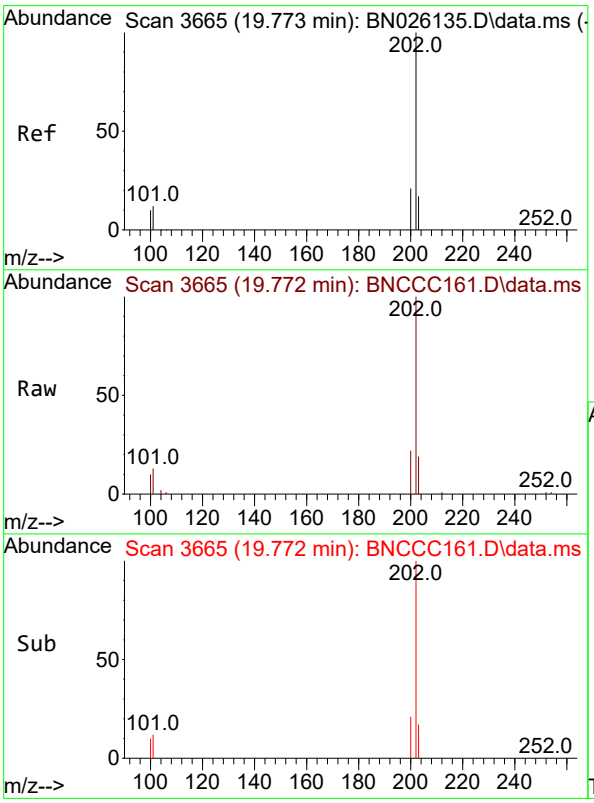
#19
Fluoranthene
Concen: 0.371 ng/ul
RT: 19.404 min Scan# 3
Delta R.T. -0.006 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 23216

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.5	14.3
100	9.3	7.3	10.9

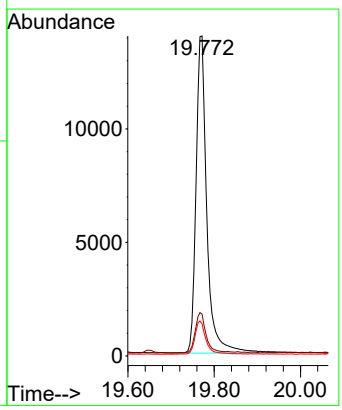


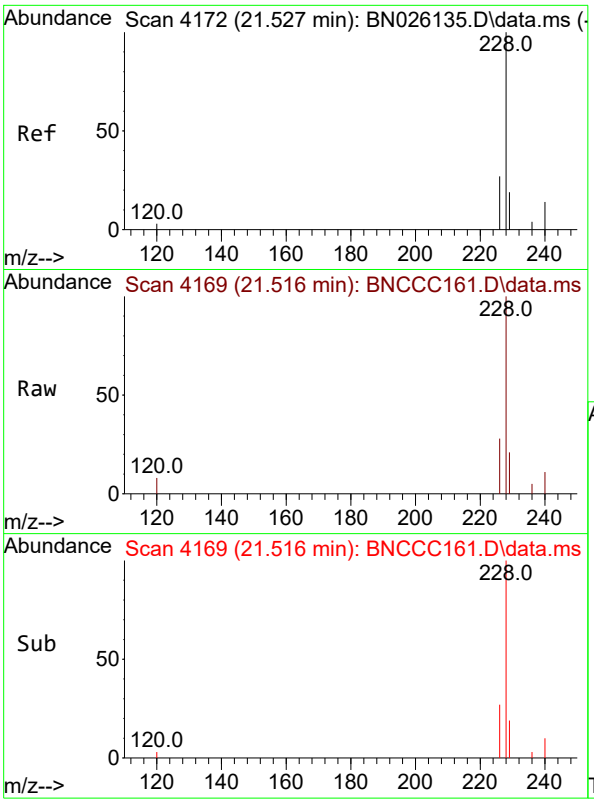


#20
Pyrene
Concen: 0.373 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.002 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Tgt Ion:202 Resp: 24277

Ion	Ratio	Lower	Upper
202	100		
101	13.1	11.4	17.0
100	10.0	9.1	13.7



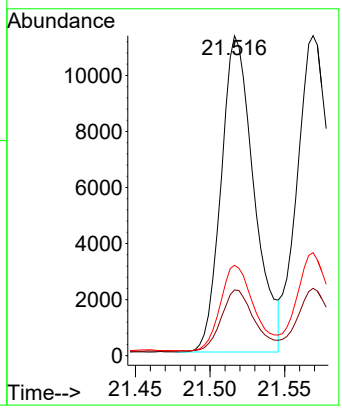


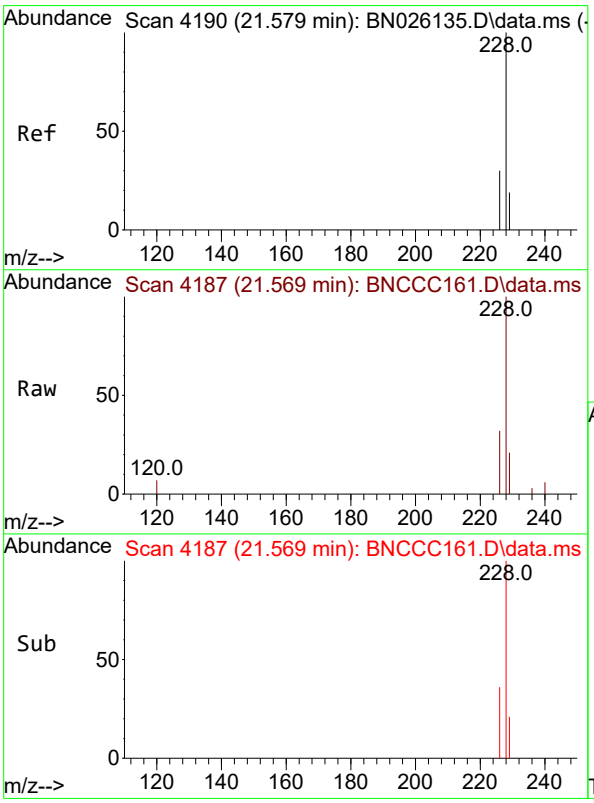
#21
Benzo(a)anthracene
Concen: 0.358 ng/ul
RT: 21.516 min Scan# 4
Delta R.T. -0.010 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 17304

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.6
226	28.3	22.5	33.7

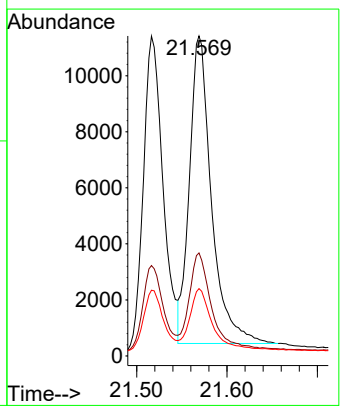


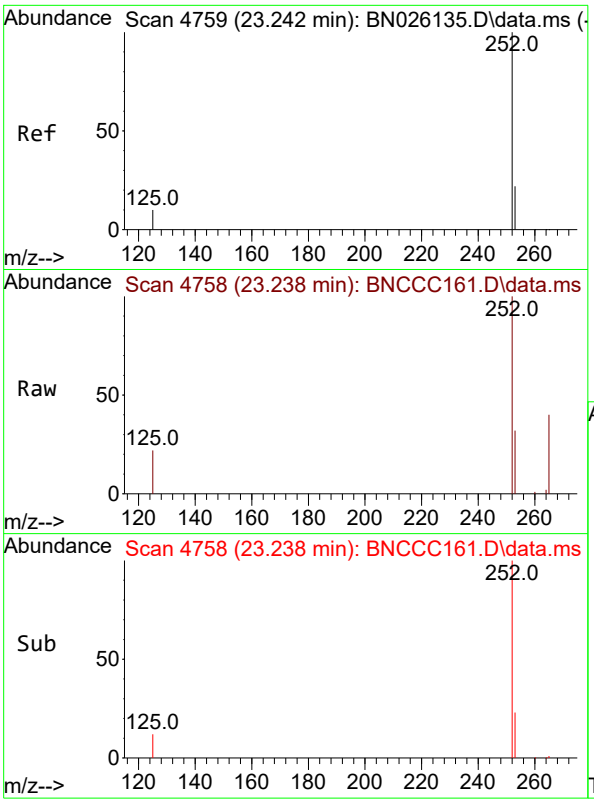


#22
Chrysene
Concen: 0.369 ng/ul
RT: 21.569 min Scan# 4187
Delta R.T. -0.010 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Tgt Ion:228 Resp: 18579

Ion	Ratio	Lower	Upper
228	100		
226	32.2	24.8	37.2
229	21.1	15.7	23.5



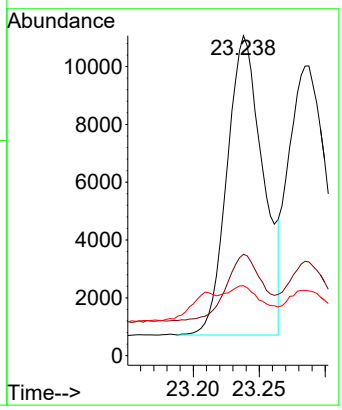


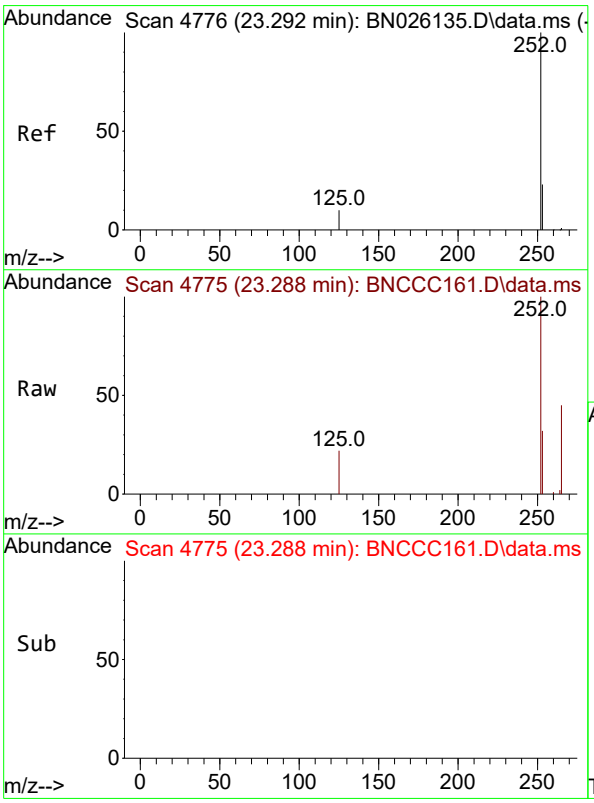
#24
Benzo(b)fluoranthene
Concen: 0.355 ng/ul
RT: 23.238 min Scan# 4
Delta R.T. -0.004 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 19627

Ion	Ratio	Lower	Upper
252	100		
253	31.7	0.0	55.6
125	21.9	0.0	35.8

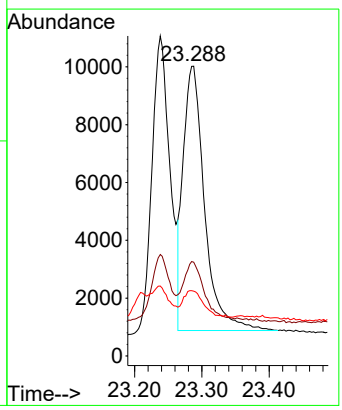


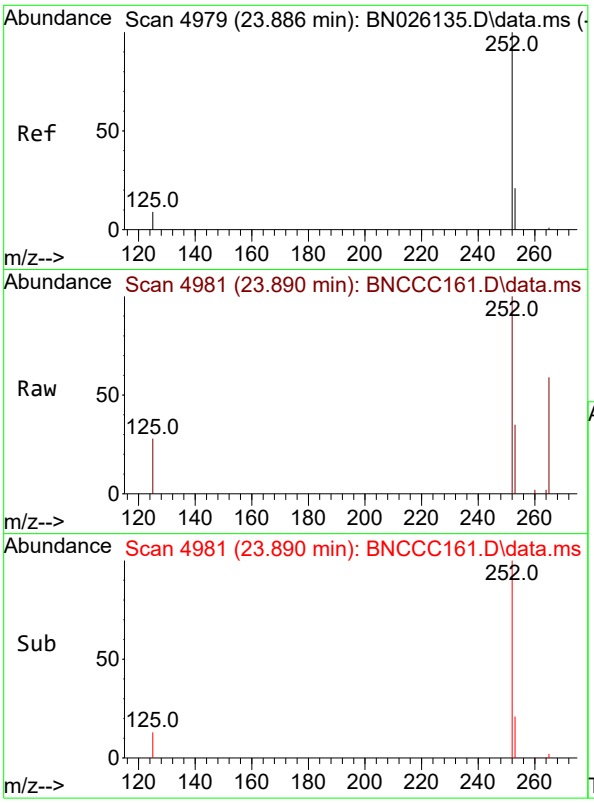


#25
Benzo(k)fluoranthene
Concen: 0.364 ng/ul
RT: 23.288 min Scan# 4775
Delta R.T. -0.004 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Tgt Ion:252 Resp: 20217

Ion	Ratio	Lower	Upper
252	100		
253	32.4	23.2	34.8
125	22.4	15.0	22.4



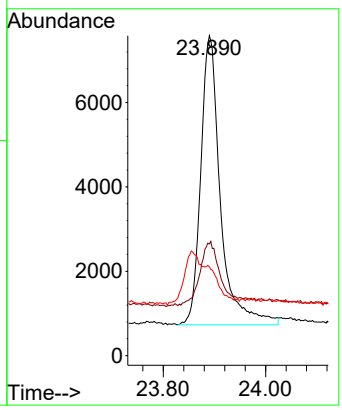


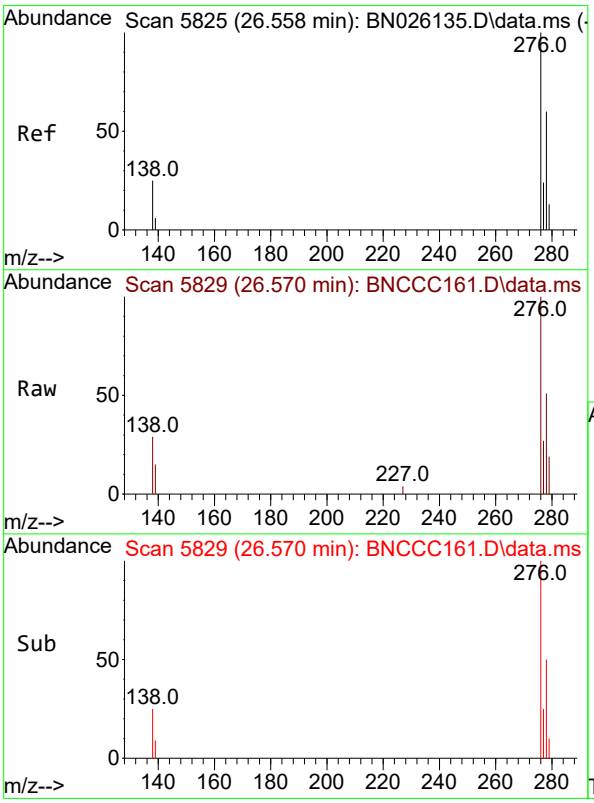
#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 23.890 min Scan# 4
Delta R.T. 0.004 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 18284

Ion	Ratio	Lower	Upper
252	100		
253	34.9	26.0	39.0
125	27.8	17.3	25.9#

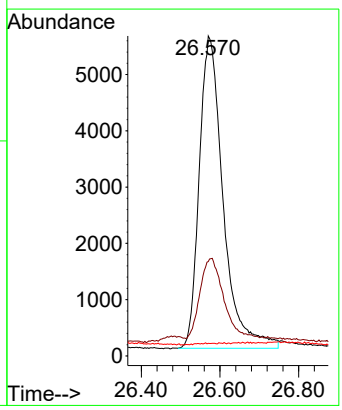


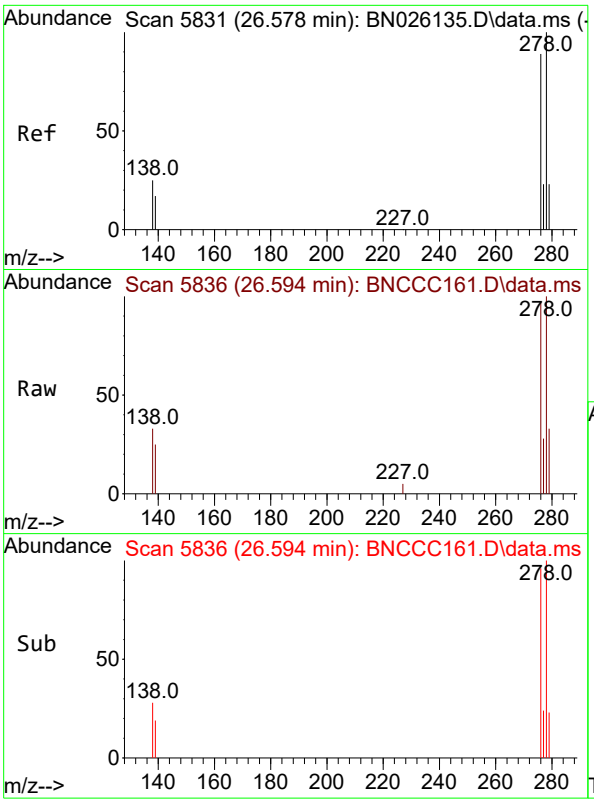


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.445 ng/ul
RT: 26.570 min Scan# 5829
Delta R.T. 0.012 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Tgt Ion:276 Resp: 23327

Ion	Ratio	Lower	Upper
276	100		
138	27.1	24.5	36.7
227	0.1	0.0	0.0#



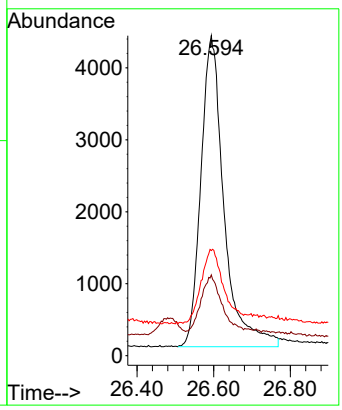


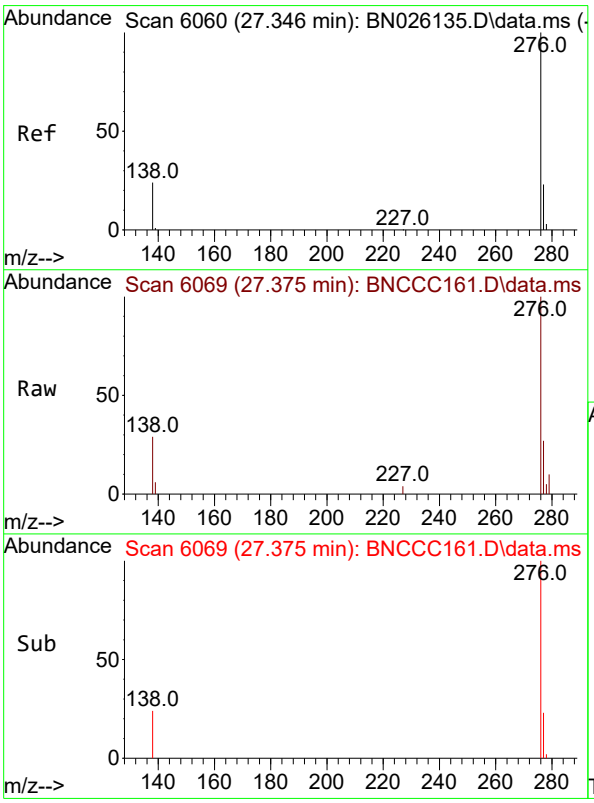
#28
Dibenzo(a,h)anthracene
Concen: 0.455 ng/ul
RT: 26.594 min Scan# 5
Delta R.T. 0.015 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 18080

Ion	Ratio	Lower	Upper
278	100		
139	25.3	19.0	28.4
279	32.9	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 0.431 ng/ul
RT: 27.375 min Scan# 6069
Delta R.T. 0.029 min
Lab File: BNCCC161.D
Acq: 01 Jul 2023 21:30

Tgt Ion:276 Resp: 20123

Ion	Ratio	Lower	Upper
276	100		
138	28.7	23.4	35.0
277	26.7	20.0	30.0