Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061323\
Data File : BN025803.D
Acq On : 13 Jun 2023 13:06
Operator : MA/JU
Sample : 02960-02DL 5X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jun 13 23:16:34 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	8530	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	25104	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.639	164	14027	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.385	188	27330	0.400	ng/ul	0.00
17) Chrysene-d12	21.567	240	13987	0.400	ng/ul	0.00
23) Perylene-d12	24.031	264	11851	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.356	96	2257	0.269	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.414	152	1421	0.045	ng/ul	0.00
18) Fluoranthene-d10	19.410	212	2675	0.061	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.427	178	9649	0.121	ng/ul	98
19) Fluoranthene	19.438	202	27101	0.424	ng/ul	99
20) Pyrene	19.800	202	25928	0.391	ng/ul	100
21) Benzo(a)anthracene	21.549	228	8280	0.186	ng/ul	97
22) Chrysene	21.602	228	12264	0.240	ng/ul	97
24) Benzo(b)fluoranthene	23.280	252	18984	0.392	ng/ul	82
26) Benzo(a)pyrene	23.920	252	8204	0.200	ng/ul#	81
27) Indeno(1,2,3-cd)pyrene	26.608	276	6578	0.140	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.621	278	1430	0.040	ng/ul#	9
29) Benzo(g,h,i)perylene	27.403	276	7067	0.168	ng/ul	93

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

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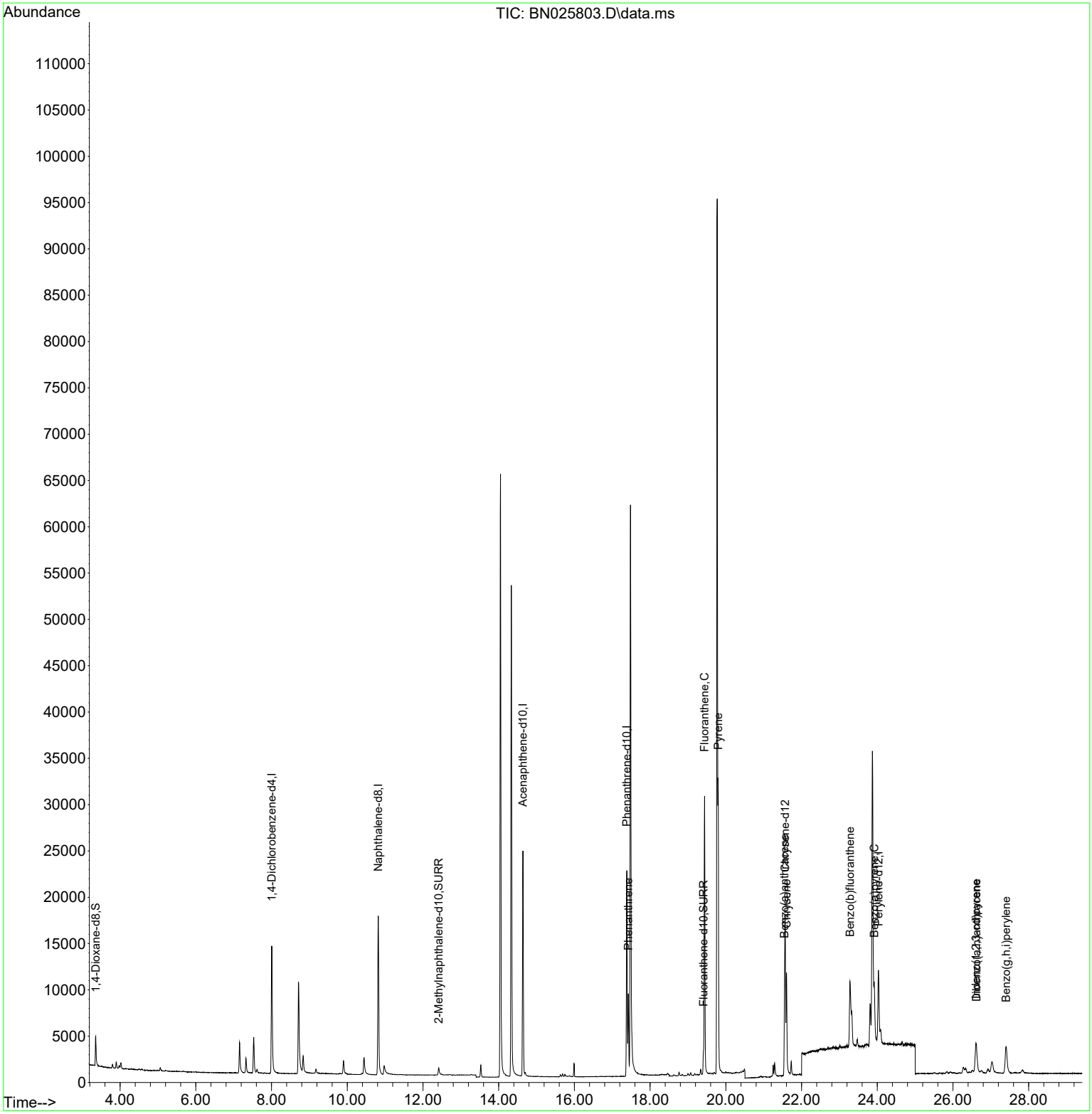
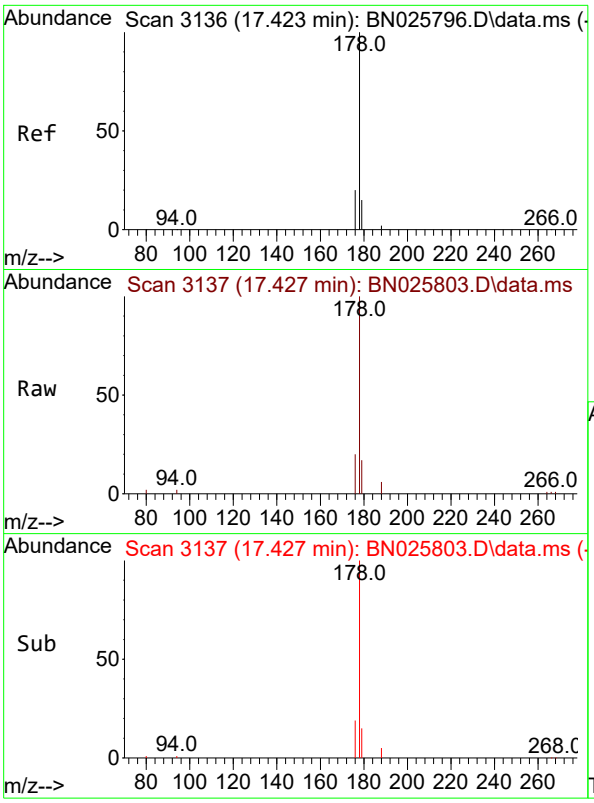


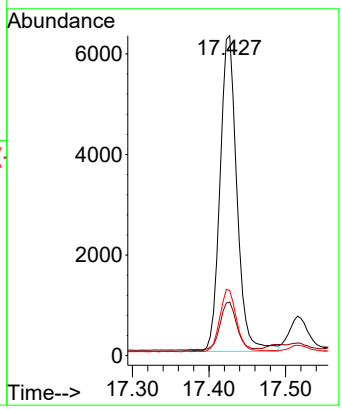


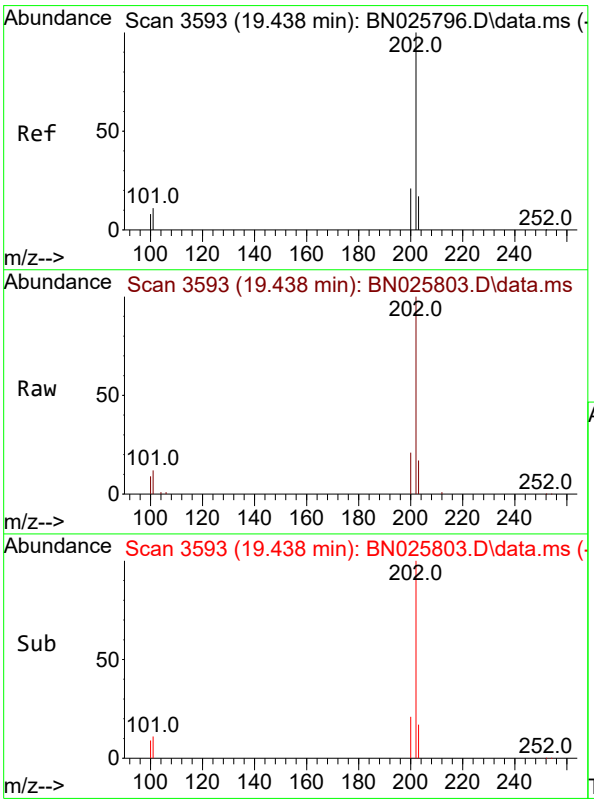
#15
Phenanthrene
Concen: 0.121 ng/ul
RT: 17.427 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN025803.D
Acq: 13 Jun 2023 13:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 9649

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	18.8
176	20.3	15.8	23.8

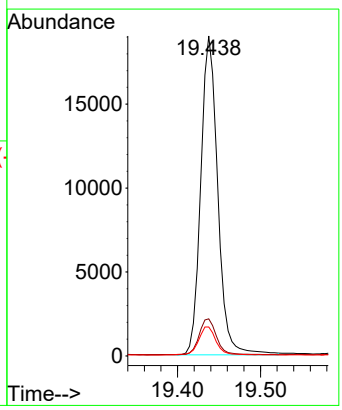


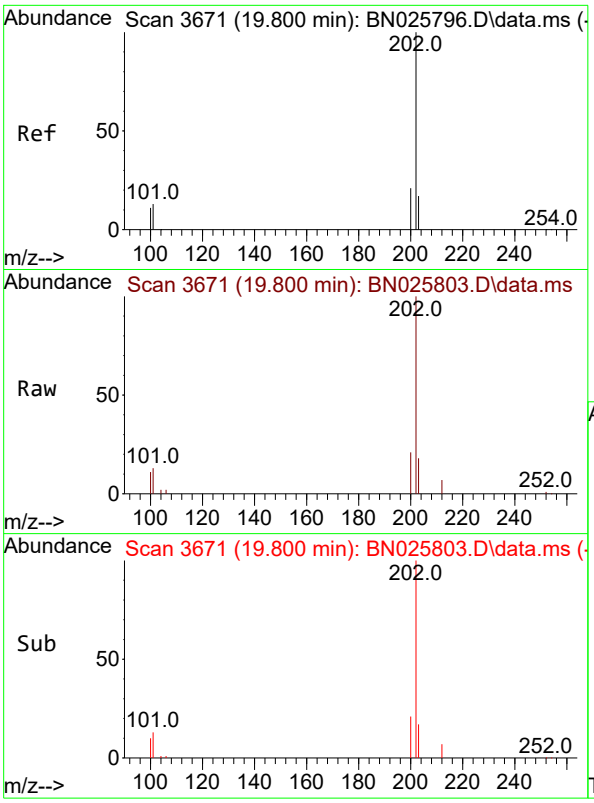


#19
Fluoranthene
Concen: 0.424 ng/ul
RT: 19.438 min Scan# 3593
Delta R.T. -0.004 min
Lab File: BN025803.D
Acq: 13 Jun 2023 13:06

Tgt Ion:202 Resp: 27101

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.1	13.7
100	9.1	7.0	10.6



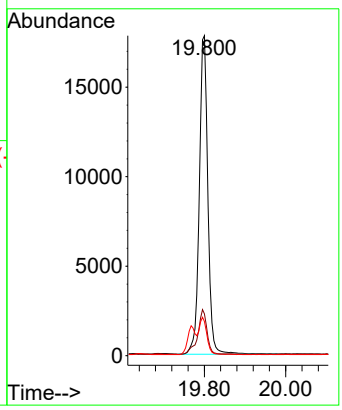


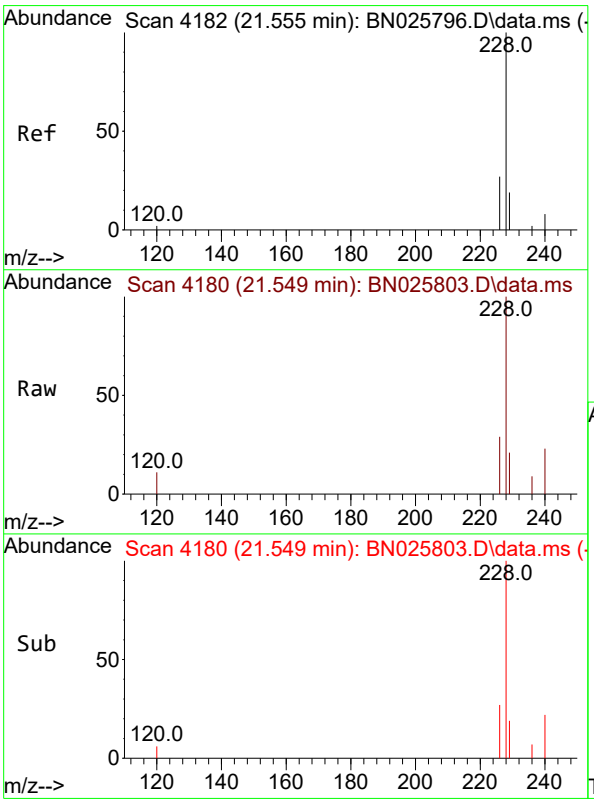
#20
Pyrene
Concen: 0.391 ng/ul
RT: 19.800 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN025803.D
Acq: 13 Jun 2023 13:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 25928

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.4	15.6
100	10.7	8.8	13.2

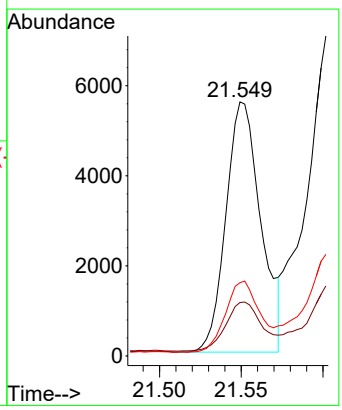


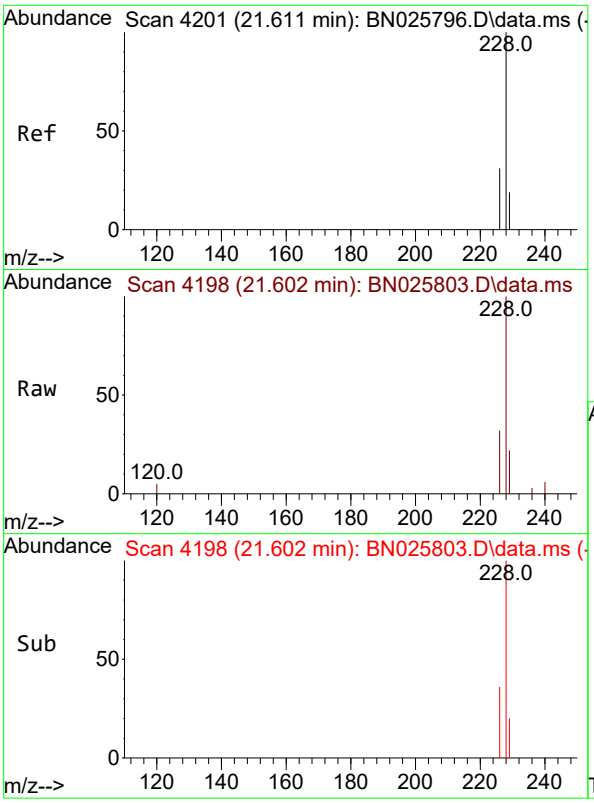


#21
Benzo(a)anthracene
Concen: 0.186 ng/ul
RT: 21.549 min Scan# 4180
Delta R.T. -0.003 min
Lab File: BN025803.D
Acq: 13 Jun 2023 13:06

Tgt Ion:228 Resp: 8280

Ion	Ratio	Lower	Upper
228	100		
229	21.0	15.5	23.3
226	28.9	22.0	33.0



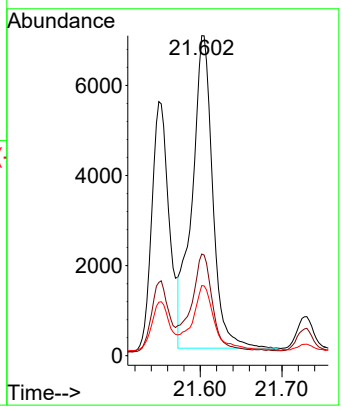


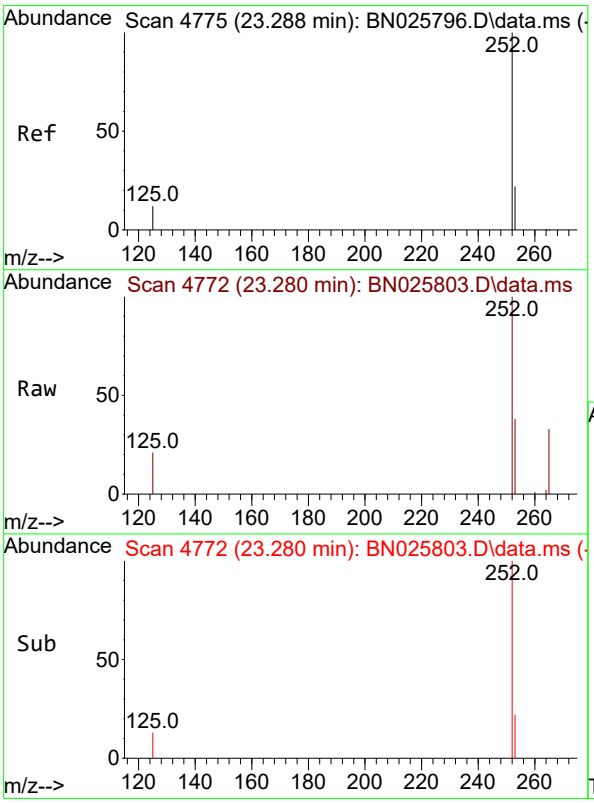
#22
Chrysene
Concen: 0.240 ng/ul
RT: 21.602 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN025803.D
Acq: 13 Jun 2023 13:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 12264

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.7	37.1
229	21.9	15.7	23.5

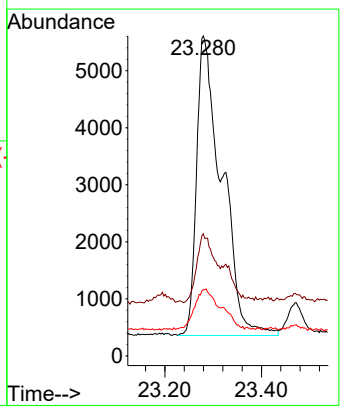


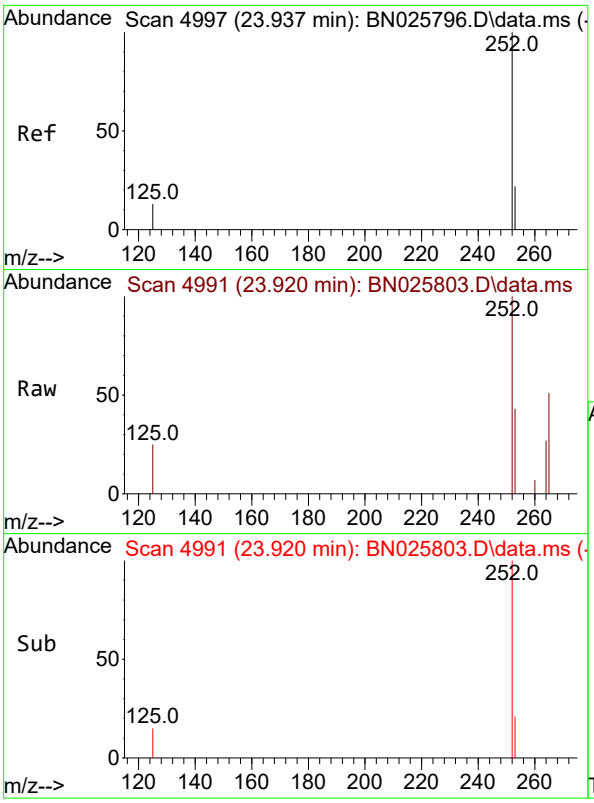


#24
Benzo(b)fluoranthene
Concen: 0.392 ng/ul
RT: 23.280 min Scan# 4772
Delta R.T. -0.011 min
Lab File: BN025803.D
Acq: 13 Jun 2023 13:06

Tgt Ion:252 Resp: 18984

Ion	Ratio	Lower	Upper
252	100		
253	38.2	0.0	56.0
125	20.7	0.0	28.0



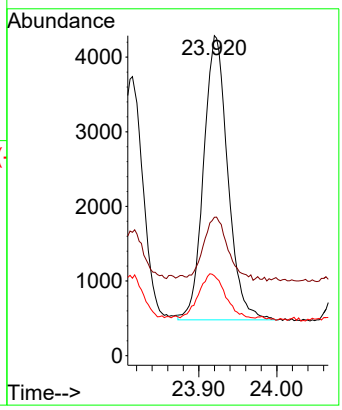


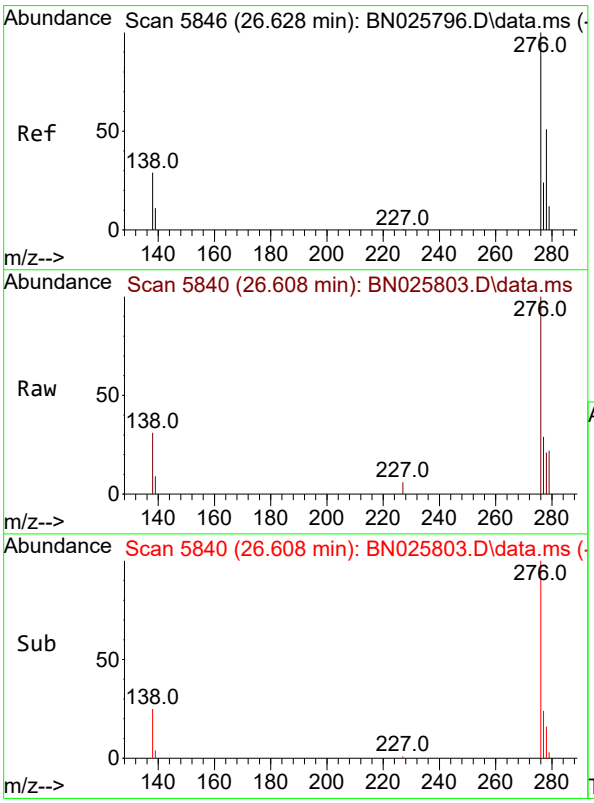
#26
Benzo(a)pyrene
Concen: 0.200 ng/ul
RT: 23.920 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN025803.D
Acq: 13 Jun 2023 13:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8204

Ion	Ratio	Lower	Upper
252	100		
253	43.2	25.8	38.8#
125	24.9	13.5	20.3#

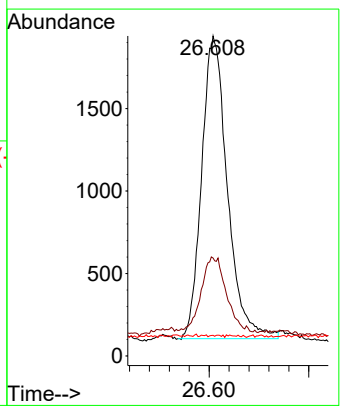


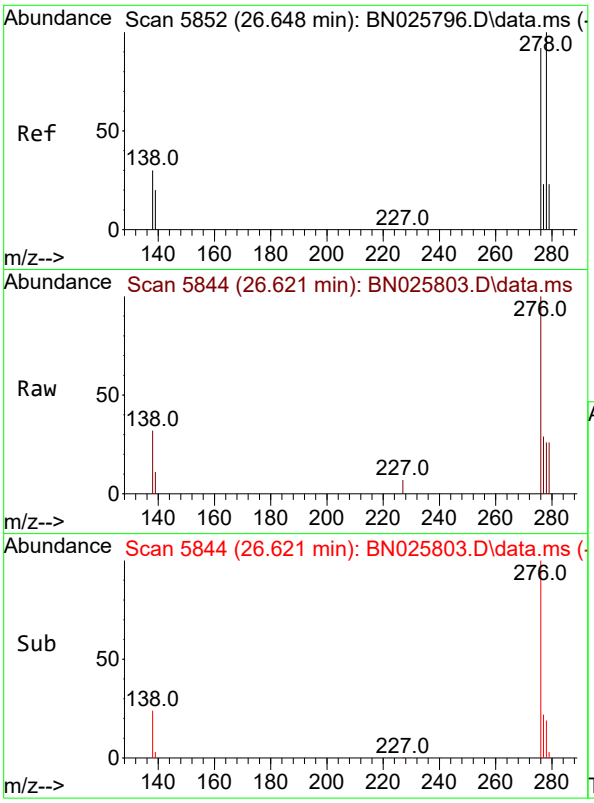


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.140 ng/ul
RT: 26.608 min Scan# 5840
Delta R.T. -0.050 min
Lab File: BN025803.D
Acq: 13 Jun 2023 13:06

Tgt Ion:276 Resp: 6578

Ion	Ratio	Lower	Upper
276	100		
138	24.6	24.6	36.8
227	0.1	0.0	0.0#



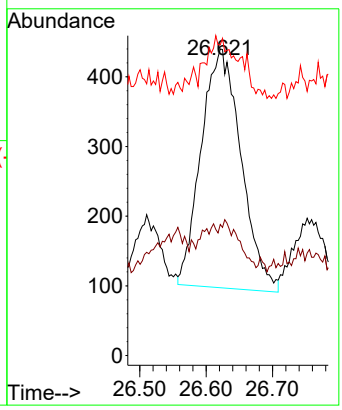


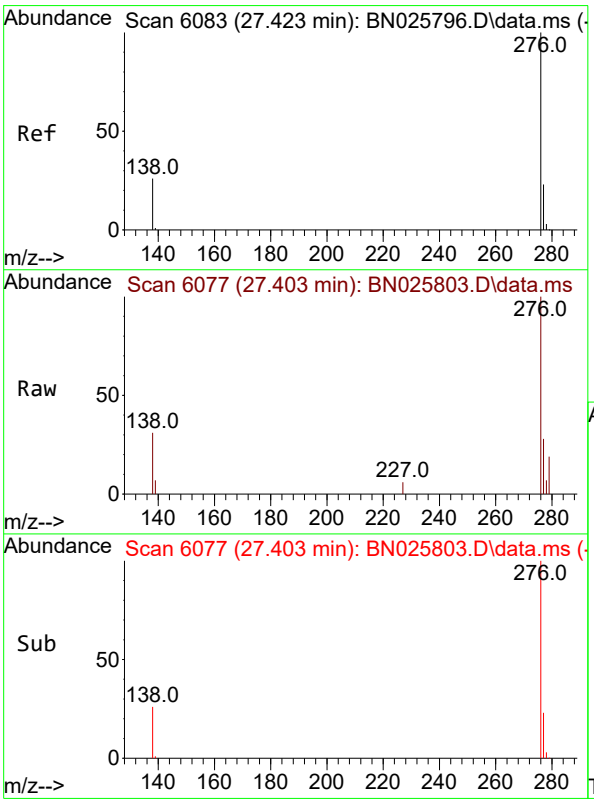
#28
Dibenzo(a,h)anthracene
Concen: 0.040 ng/ul
RT: 26.621 min Scan# 5
Delta R.T. -0.064 min
Lab File: BN025803.D
Acq: 13 Jun 2023 13:06

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 1430

Ion	Ratio	Lower	Upper
278	100		
139	42.7	17.9	26.9#
279	101.4	25.3	37.9#





#29
Benzo(g,h,i)perylene
Concen: 0.168 ng/ul
RT: 27.403 min Scan# 6077
Delta R.T. -0.046 min
Lab File: BN025803.D
Acq: 13 Jun 2023 13:06

Tgt Ion:276 Resp: 7067

Ion	Ratio	Lower	Upper
276	100		
138	31.4	21.8	32.8
277	27.7	19.4	29.2