Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062923\
Data File : BN026096.D
Acq On : 29 Jun 2023 16:02
Operator : MA/JU
Sample : 03142-02DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFS1DL

Quant Time: Jun 30 00:44:17 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 : Wed Jun 28 22:47:20 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.967	152	8066	0.400	ng/ul	0.00
4) Naphthalene-d8	10.781	136	26553	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.607	164	15386	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.355	188	29521	0.400	ng/ul	0.00
17) Chrysene-d12	21.540	240	15926	0.400	ng/ul	0.00
23) Perylene-d12	23.996	264	16102	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	5405	0.595	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.376	152	1435	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.382	212	2734	0.045	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.393	178	16306	0.167	ng/ul	98
16) Anthracene	17.486	178	1926	0.022	ng/ul#	79
19) Fluoranthene	19.410	202	57053	0.671	ng/ul	99
20) Pyrene	19.772	202	50491	0.571	ng/ul	97
21) Benzo(a)anthracene	21.526	228	20917	0.318	ng/ul	95
22) Chrysene	21.575	228	32841	0.480	ng/ul	96
24) Benzo(b)fluoranthene	23.247	252	66873	0.973	ng/ul	98
26) Benzo(a)pyrene	23.885	252	27340	0.458	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.557	276	26484	0.406	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.564	278	6076	0.123	ng/ul#	62
29) Benzo(g,h,i)perylene	27.342	276	26435	0.456	ng/ul	98

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

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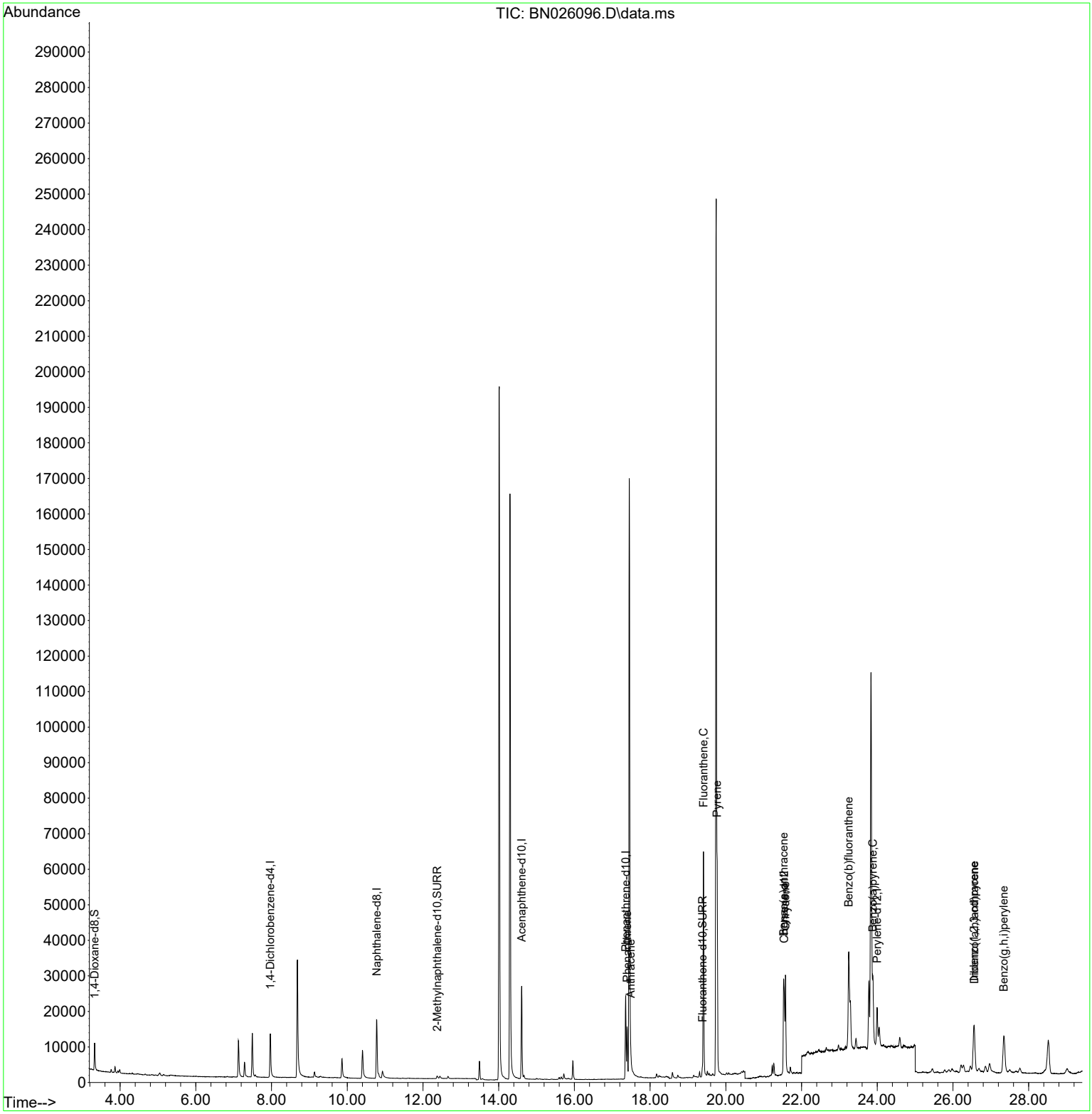
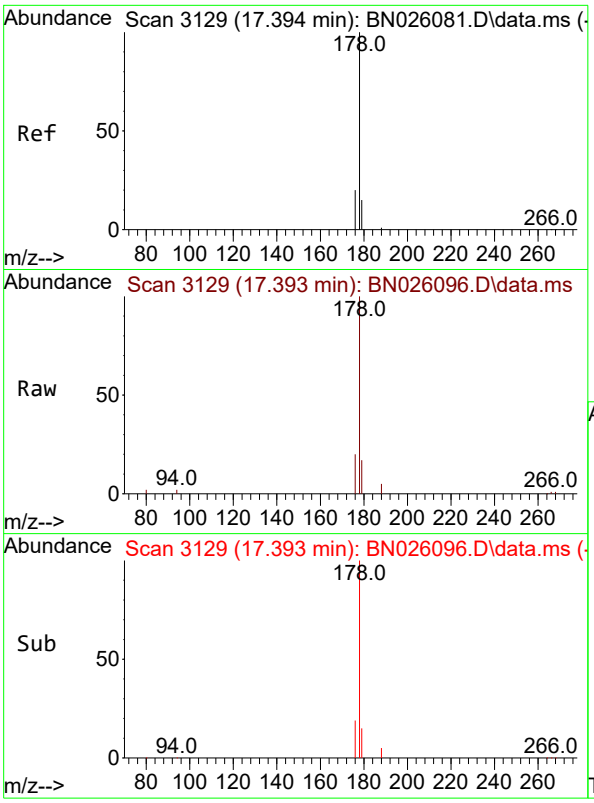


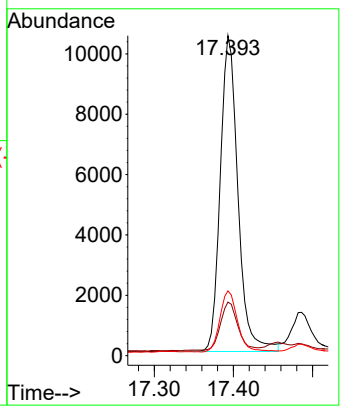


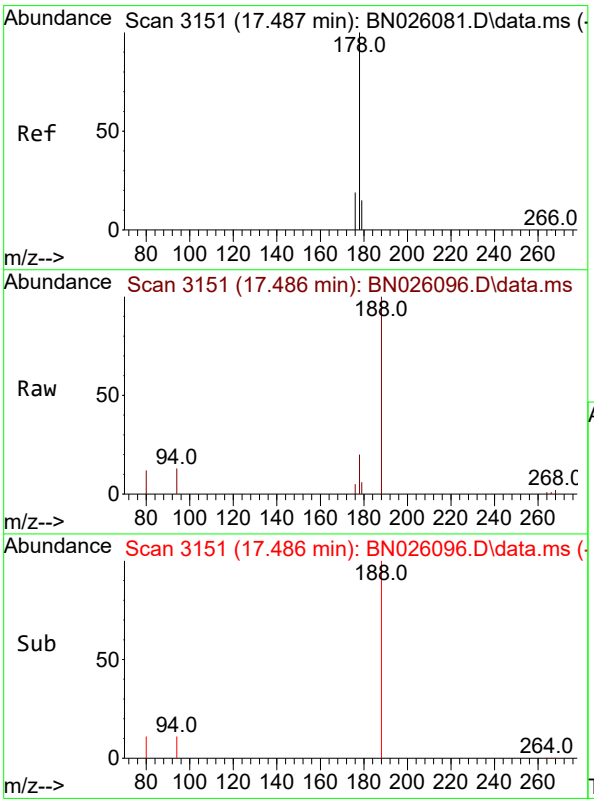
#15
Phenanthrene
Concen: 0.167 ng/ul
RT: 17.393 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

Instrument :
BNA_N
ClientSampleId :
DCFS1DL

Tgt Ion:178 Resp: 16306

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	19.0
176	20.3	15.8	23.6

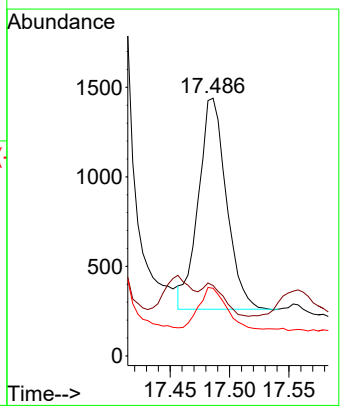


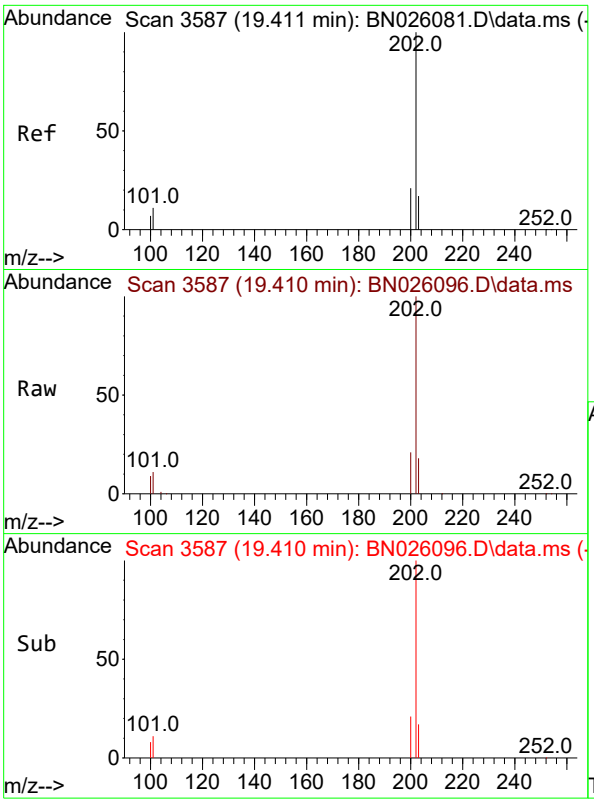


#16
Anthracene
Concen: 0.022 ng/ul
RT: 17.486 min Scan# 3151
Delta R.T. -0.008 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

Tgt Ion:178 Resp: 1926

Ion	Ratio	Lower	Upper
178	100		
179	27.3	12.6	18.8#
176	26.3	15.1	22.7#



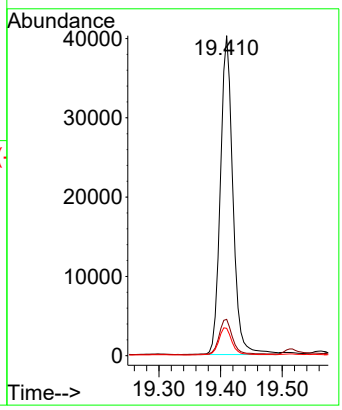


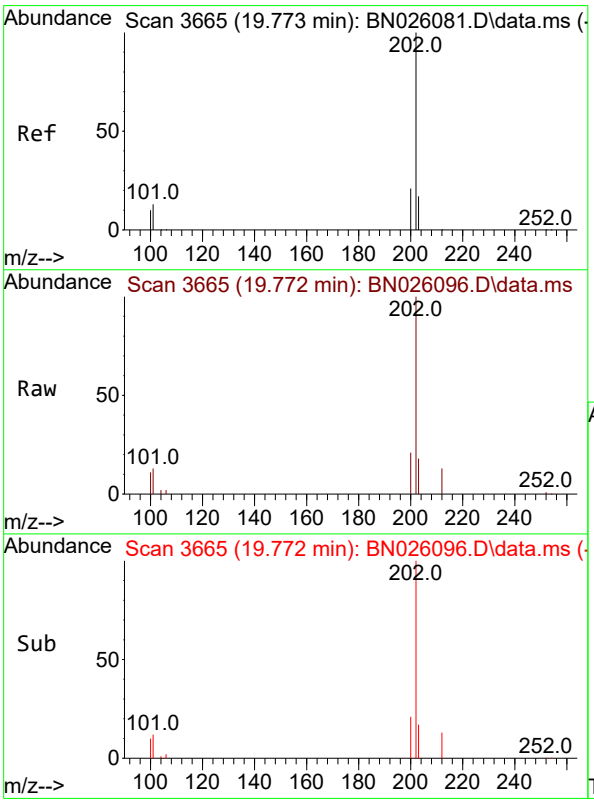
#19
Fluoranthene
Concen: 0.671 ng/ul
RT: 19.410 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

Instrument :
BNA_N
ClientSampleId :
DCFS1DL

Tgt Ion:202 Resp: 57053

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.5	14.3
100	8.6	7.3	10.9

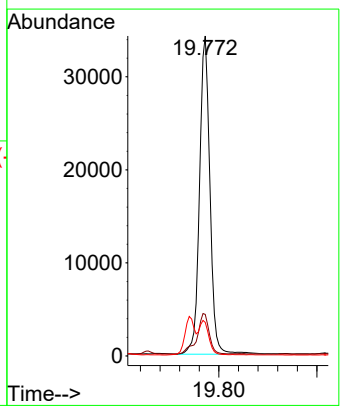


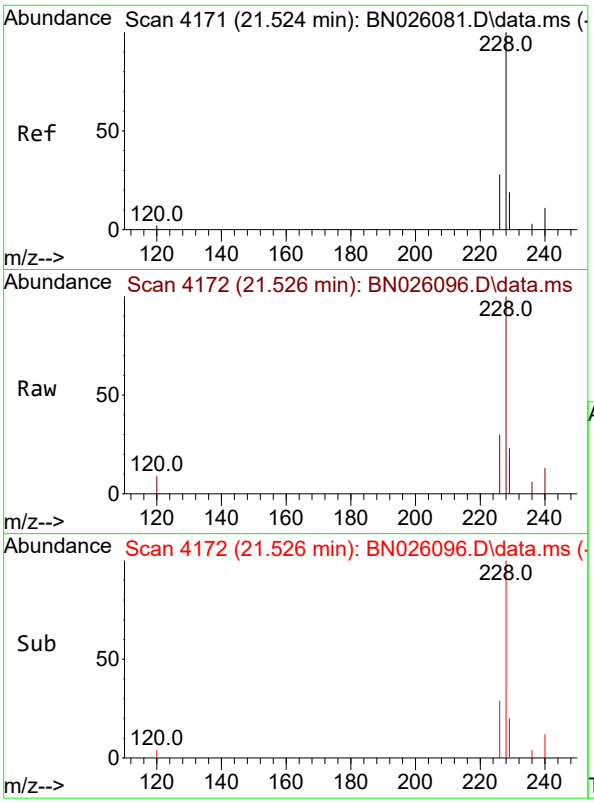


#20
Pyrene
Concen: 0.571 ng/ul
RT: 19.772 min Scan# 3665
Delta R.T. -0.005 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

Tgt Ion:202 Resp: 50491

Ion	Ratio	Lower	Upper
202	100		
101	13.0	11.4	17.0
100	10.5	9.1	13.7



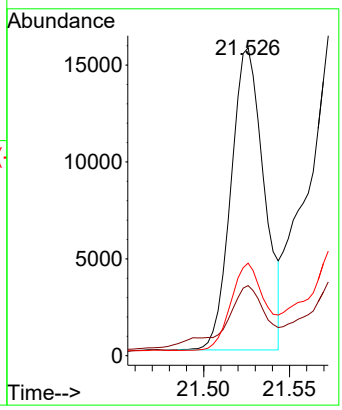


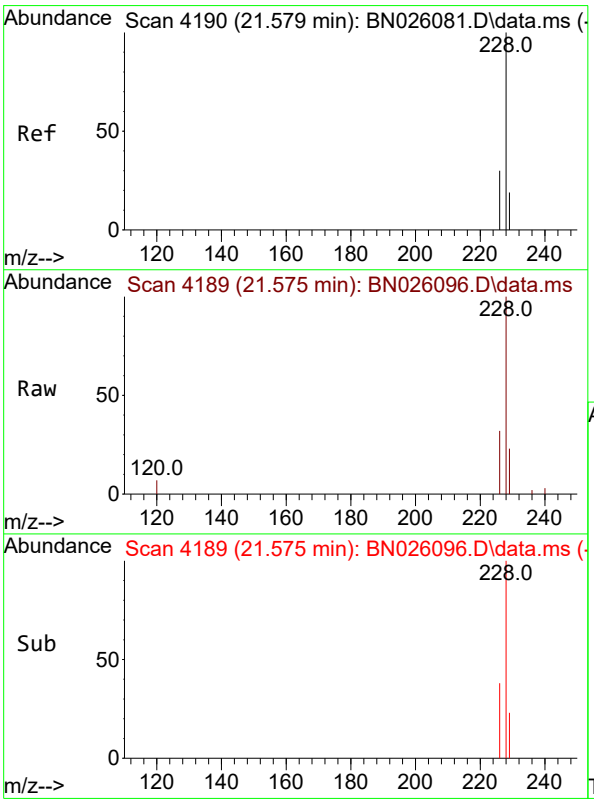
#21
Benzo(a)anthracene
Concen: 0.318 ng/ul
RT: 21.526 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

Instrument :
BNA_N
ClientSampleId :
DCFS1DL

Tgt Ion:228 Resp: 20917

Ion	Ratio	Lower	Upper
228	100		
229	22.8	15.8	23.6
226	30.0	22.5	33.7

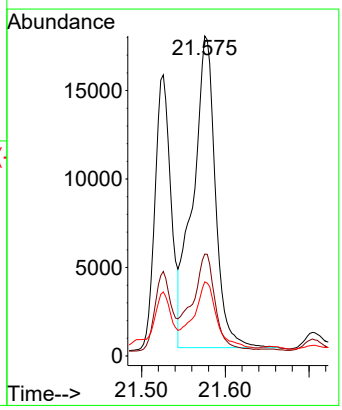


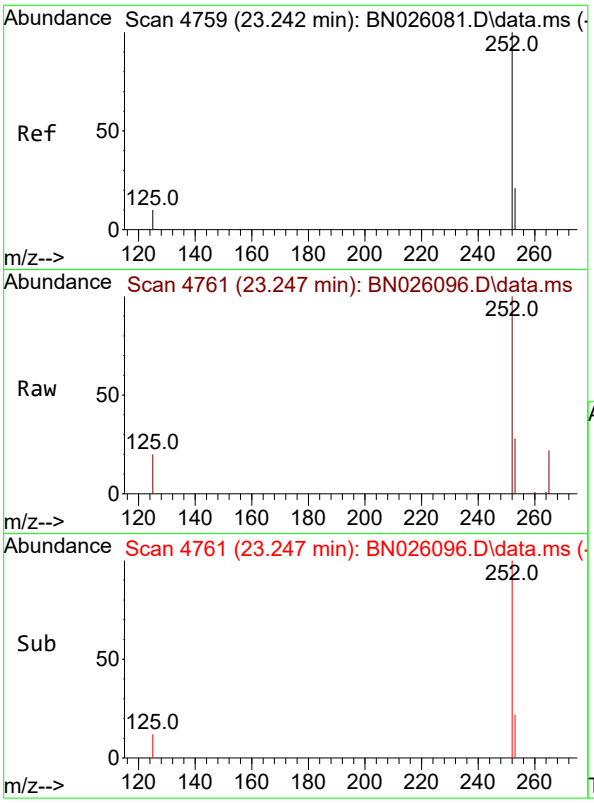


#22
Chrysene
Concen: 0.480 ng/ul
RT: 21.575 min Scan# 4189
Delta R.T. -0.003 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

Tgt Ion:228 Resp: 32841

Ion	Ratio	Lower	Upper
228	100		
226	31.8	24.8	37.2
229	23.1	15.7	23.5



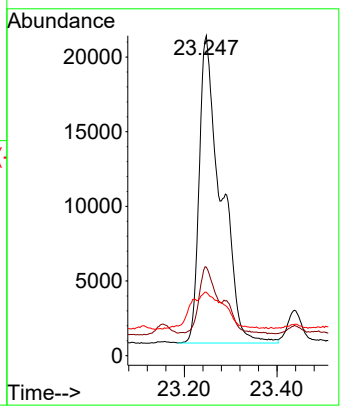


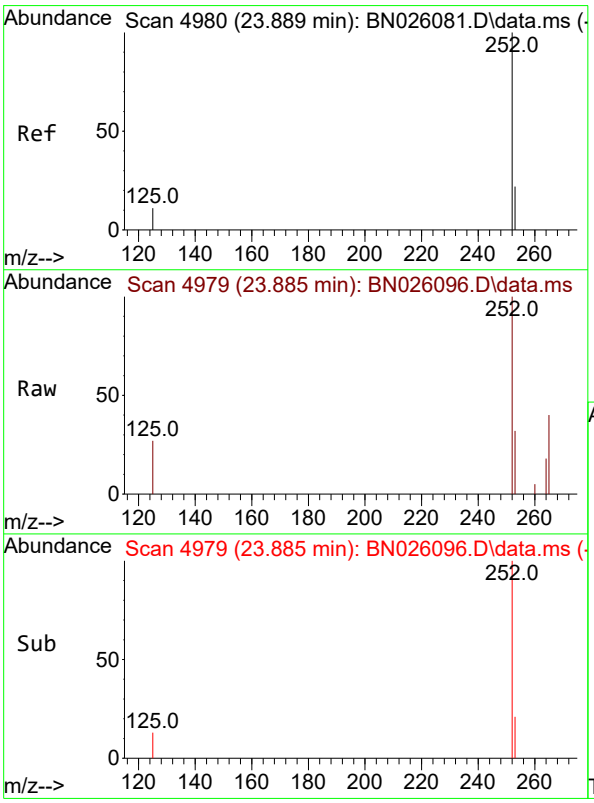
#24
Benzo(b)fluoranthene
Concen: 0.973 ng/ul
RT: 23.247 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

Instrument :
BNA_N
ClientSampleId :
DCFS1DL

Tgt Ion:252 Resp: 66873

Ion	Ratio	Lower	Upper
252	100		
253	27.7	0.0	55.6
125	19.8	0.0	35.8

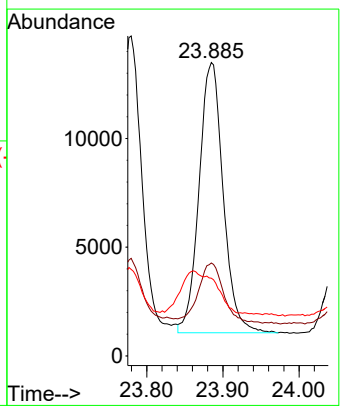


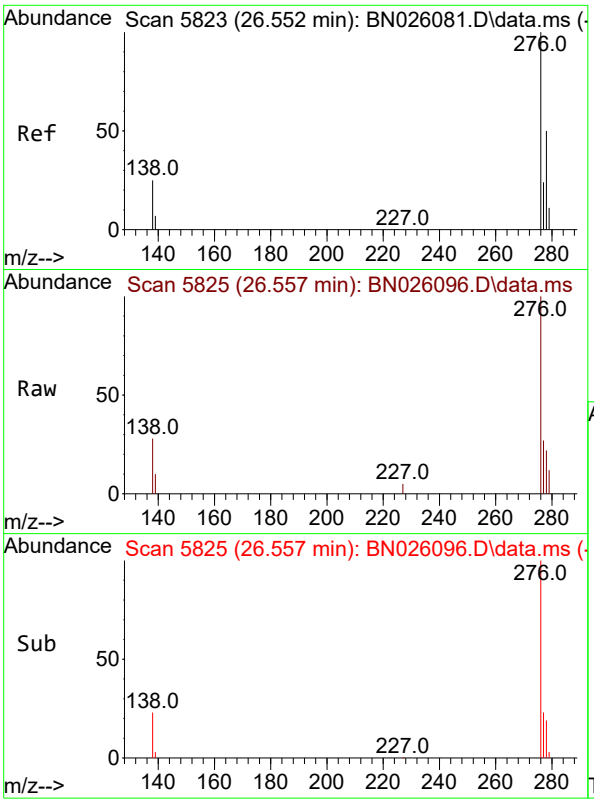


#26
Benzo(a)pyrene
Concen: 0.458 ng/ul
RT: 23.885 min Scan# 4979
Delta R.T. -0.021 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

Tgt Ion:252 Resp: 27340

Ion	Ratio	Lower	Upper
252	100		
253	31.7	26.0	39.0
125	26.5	17.3	25.9#



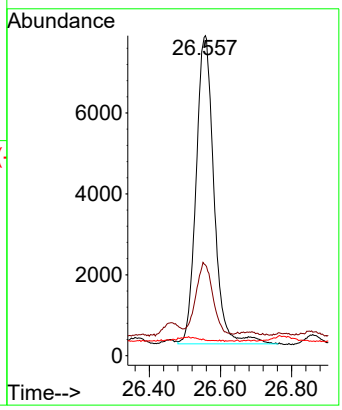


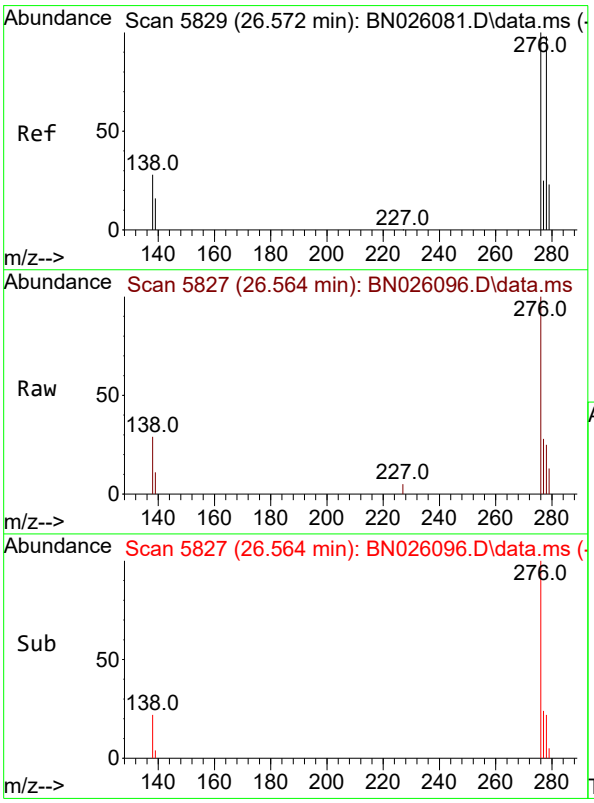
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.406 ng/ul
RT: 26.557 min Scan# 5
Delta R.T. -0.037 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

Instrument :
BNA_N
ClientSampleId :
DCFS1DL

Tgt Ion:276 Resp: 26484

Ion	Ratio	Lower	Upper
276	100		
138	22.3	24.5	36.7#
227	0.0	0.0	0.0

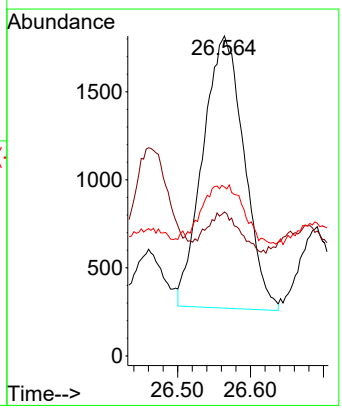


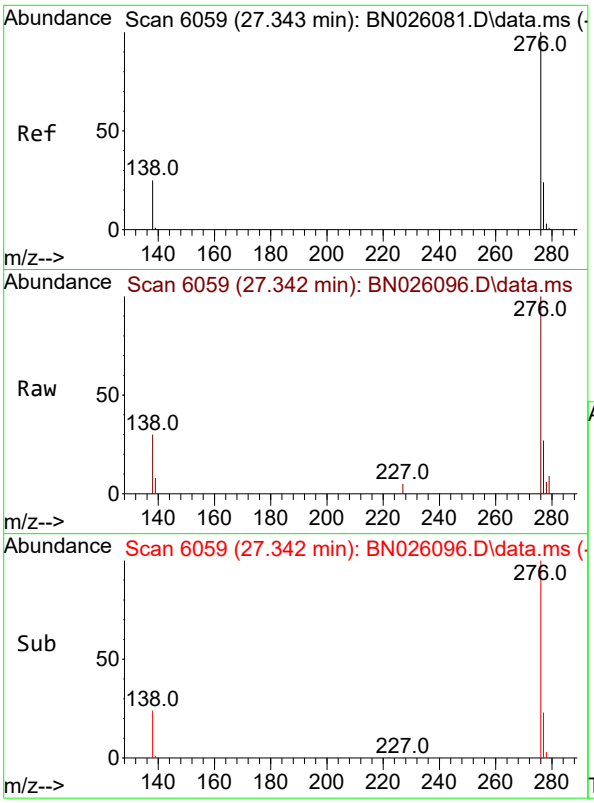


#28
Dibenzo(a,h)anthracene
Concen: 0.123 ng/ul
RT: 26.564 min Scan# 5827
Delta R.T. -0.050 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

Tgt Ion:278 Resp: 6076

Ion	Ratio	Lower	Upper
278	100		
139	45.0	19.0	28.4#
279	52.8	26.7	40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.456 ng/ul
RT: 27.342 min Scan# 6
Delta R.T. -0.044 min
Lab File: BN026096.D
Acq: 29 Jun 2023 16:02

Instrument :
BNA_N
ClientSampleId :
DCFS1DL

Tgt Ion:276 Resp: 26435

Ion	Ratio	Lower	Upper
276	100		
138	29.7	23.4	35.0
277	26.9	20.0	30.0