Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
Data File : BN026548.D
Acq On : 17 Jul 2023 22:07
Operator : MA/JU
Sample : 03458-07
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46M0

Quant Time: Jul 18 04:22:50 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	3355	0.400	ng/ul	0.00
4) Naphthalene-d8	10.748	136	10402	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.579	164	6853	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	15172	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.517	240	11467	0.400	ng/ul	# 0.00
23) Perylene-d12	23.925	264	11300	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	24458	5.535	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.348	152	4022	0.284	ng/ul	0.00
18) Fluoranthene-d10	19.353	212	11783	0.296	ng/ul	0.00
Target Compounds						Qvalue
15) Phenanthrene	17.364	178	2769	0.057	ng/ul#	94
19) Fluoranthene	19.381	202	4851	0.090	ng/ul	96
20) Pyrene	19.744	202	4203	0.072	ng/ul#	90
21) Benzo(a)anthracene	21.499	228	2138	0.051	ng/ul#	82
22) Chrysene	21.552	228	1771	0.037	ng/ul#	83
24) Benzo(b)fluoranthene	23.194	252	3180	0.072	ng/ul#	32
26) Benzo(a)pyrene	23.811	252	1606	0.041	ng/ul#	47
27) Indeno(1,2,3-cd)pyrene	26.453	276	1049	0.020	ng/ul#	47
29) Benzo(g,h,i)perylene	27.228	276	1047	0.023	ng/ul#	51

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

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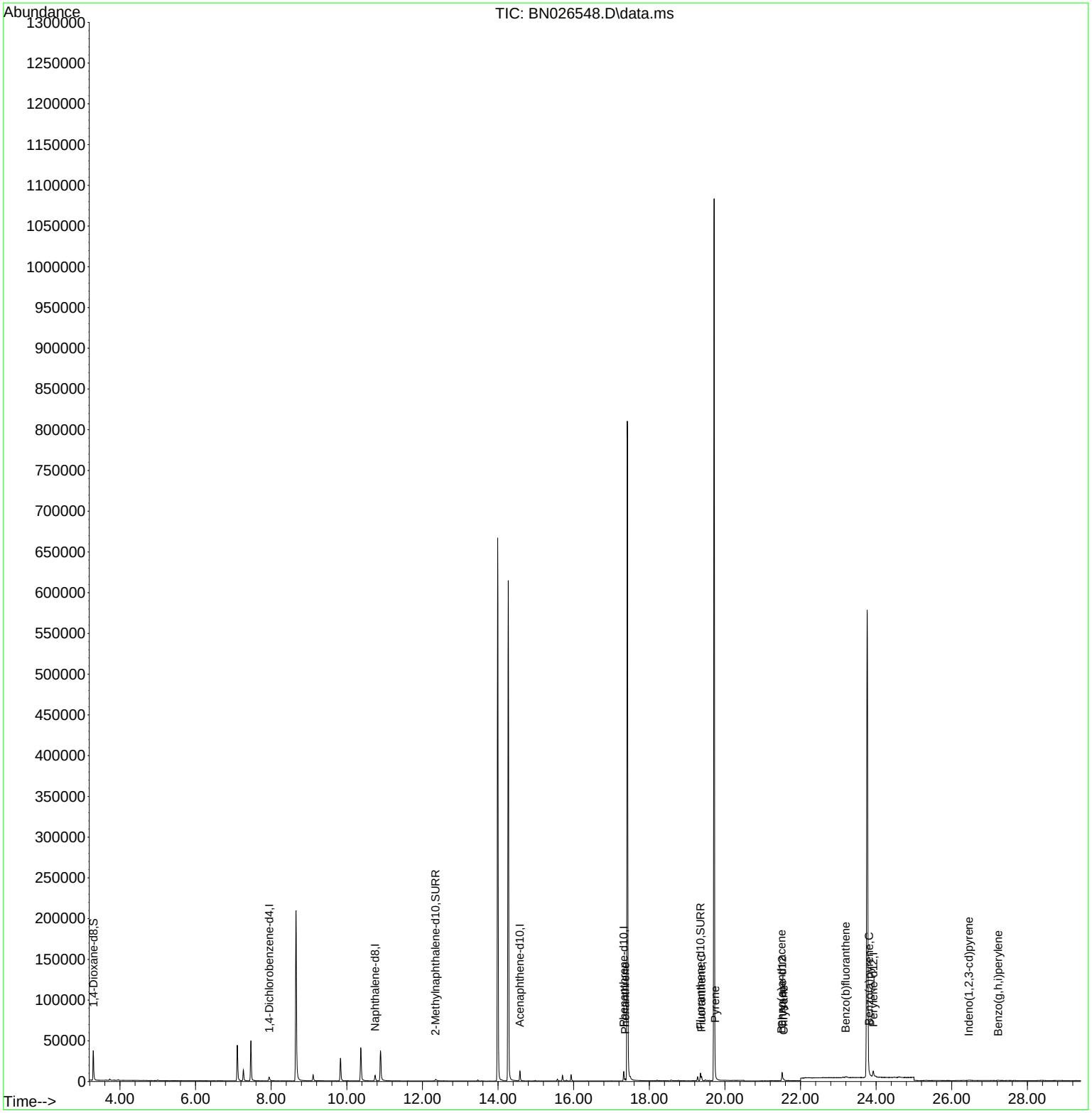
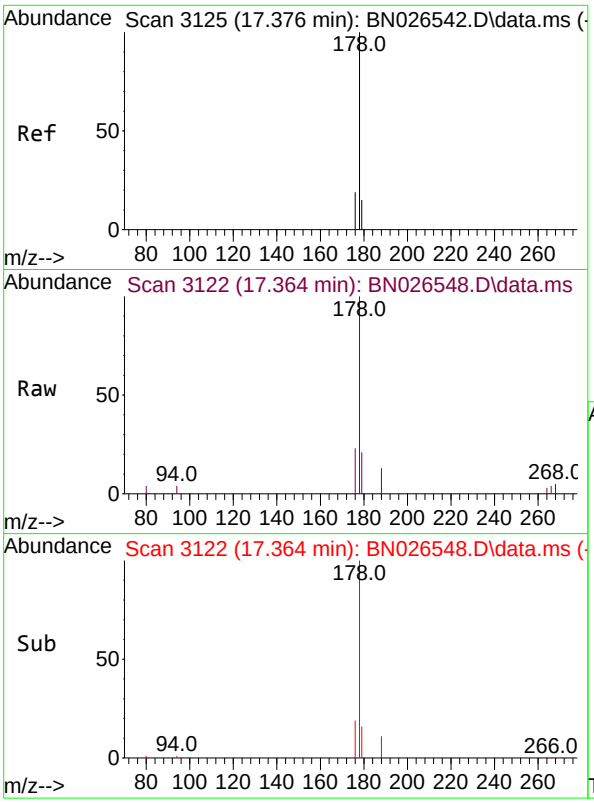


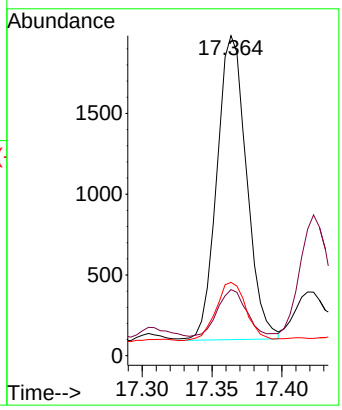


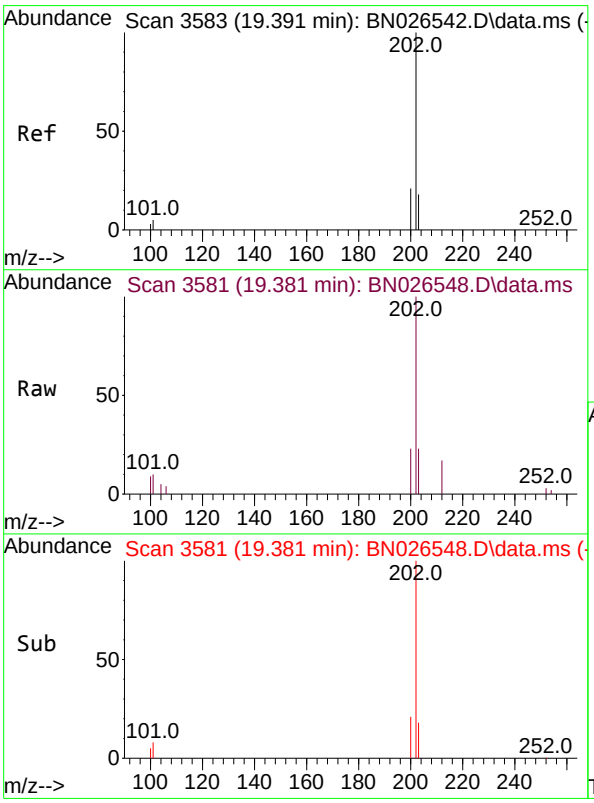
#15
Phenanthrene
Concen: 0.057 ng/ul
RT: 17.364 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

Instrument :
BNA_N
ClientSampleId :
A46M0

Tgt Ion:178 Resp: 2769

Ion	Ratio	Lower	Upper
178	100		
179	20.6	13.7	20.5#
176	22.9	16.5	24.7

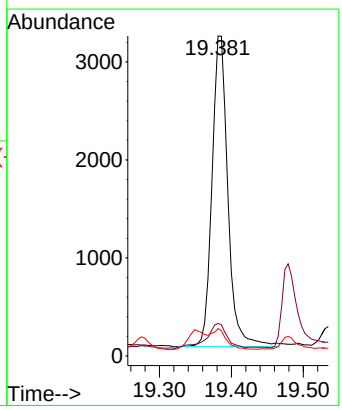


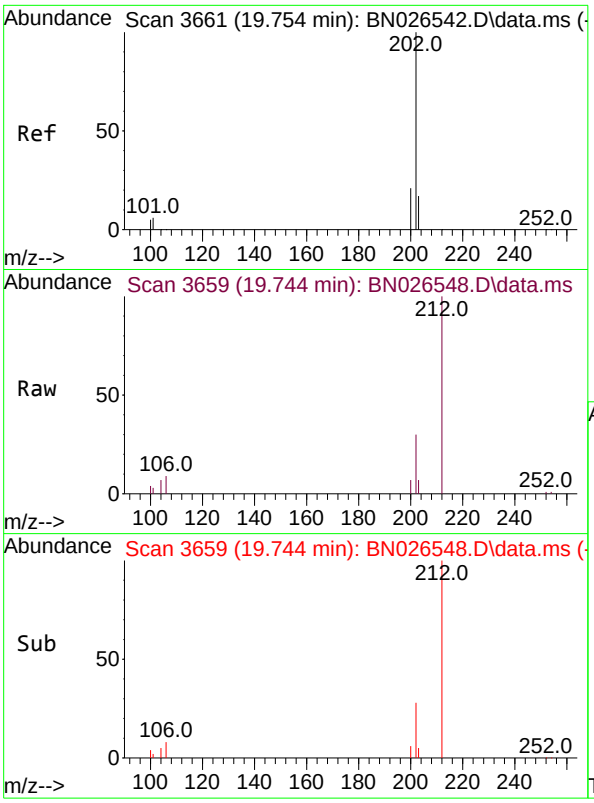


#19
Fluoranthene
Concen: 0.090 ng/ul
RT: 19.381 min Scan# 3581
Delta R.T. -0.005 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

Tgt Ion:202 Resp: 4851

Ion	Ratio	Lower	Upper
202	100		
101	10.2	7.0	10.4
100	8.5	6.0	9.0



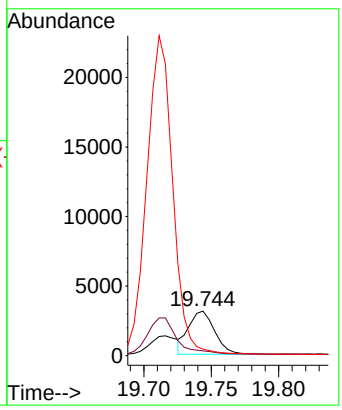


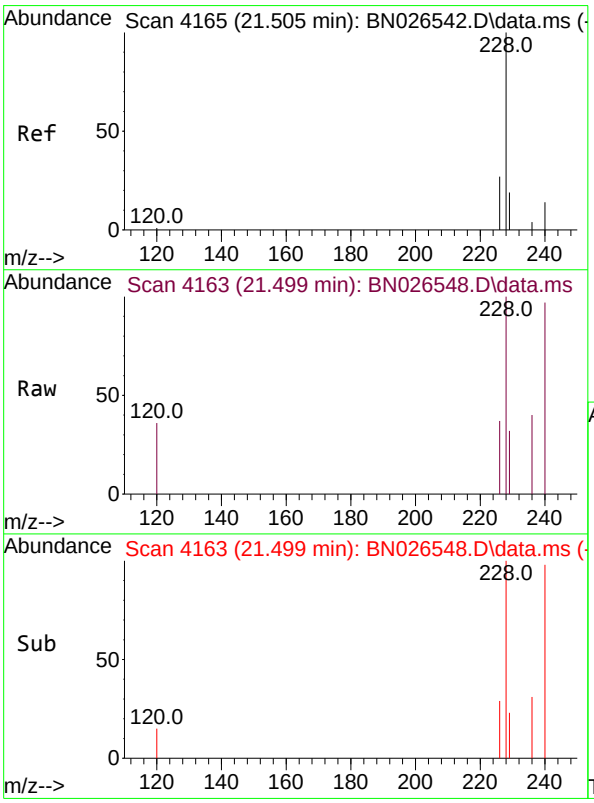
#20
Pyrene
Concen: 0.072 ng/ul
RT: 19.744 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

Instrument :
BNA_N
ClientSampleId :
A46M0

Tgt Ion:202 Resp: 4203

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.0	12.0
100	14.7	6.2	9.2#

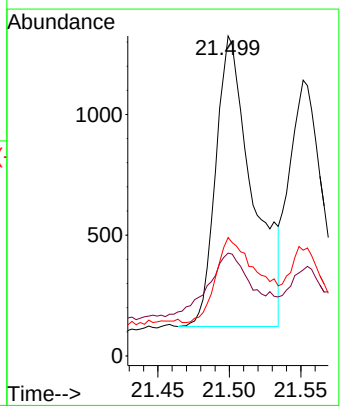


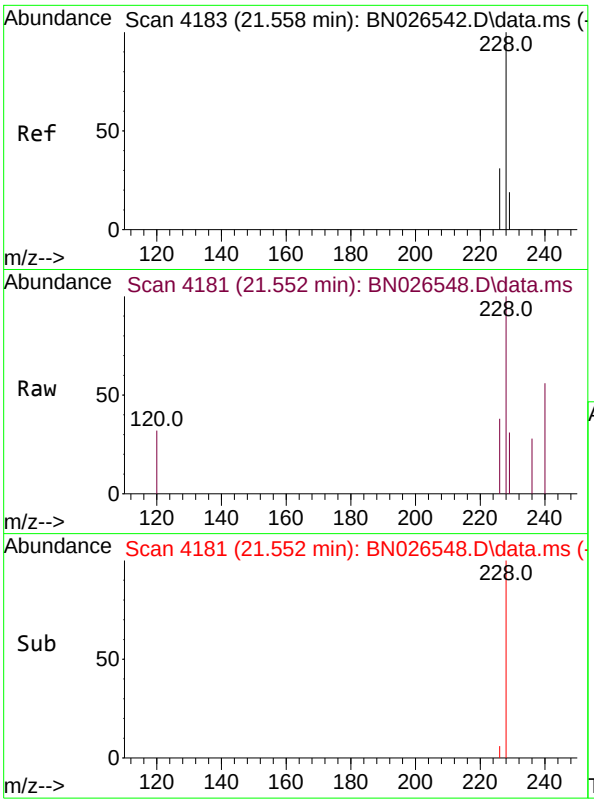


#21
Benzo(a)anthracene
Concen: 0.051 ng/ul
RT: 21.499 min Scan# 4163
Delta R.T. -0.004 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

Tgt Ion:228 Resp: 2138

Ion	Ratio	Lower	Upper
228	100		
229	32.2	16.7	25.1#
226	37.0	23.5	35.3#



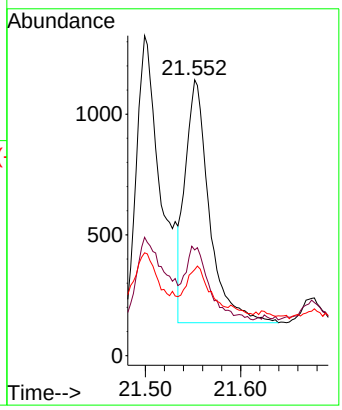


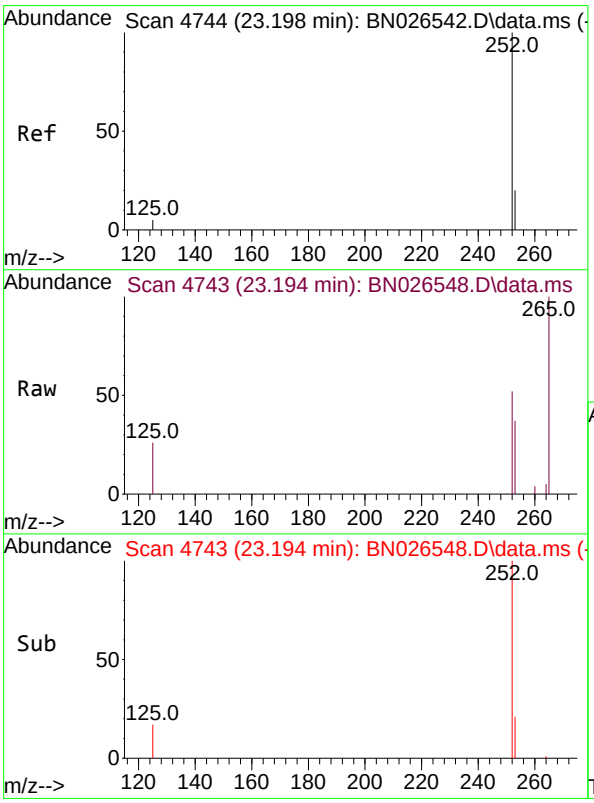
#22
Chrysene
Concen: 0.037 ng/ul
RT: 21.552 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

Instrument :
BNA_N
ClientSampleId :
A46M0

Tgt Ion:228 Resp: 1771

Ion	Ratio	Lower	Upper
228	100		
226	38.4	25.2	37.8#
229	31.2	16.4	24.6#

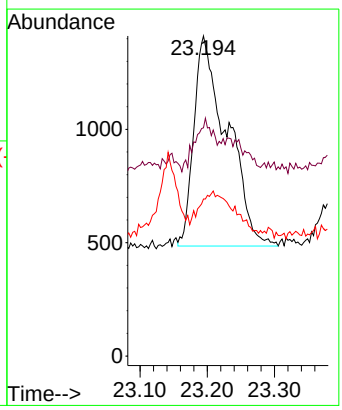


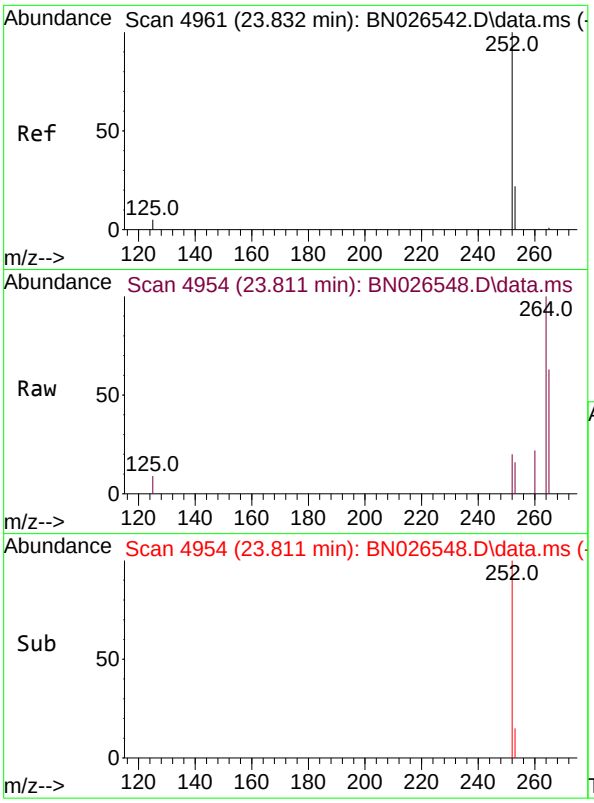


#24
Benzo(b)fluoranthene
Concen: 0.072 ng/ul
RT: 23.194 min Scan# 4743
Delta R.T. -0.001 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

Tgt Ion:252 Resp: 3180

Ion	Ratio	Lower	Upper
252	100		
253	71.3	0.0	68.6#
125	49.1	0.0	34.0#



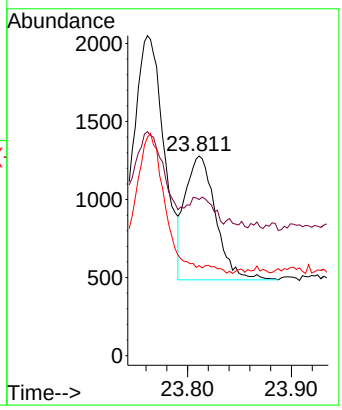


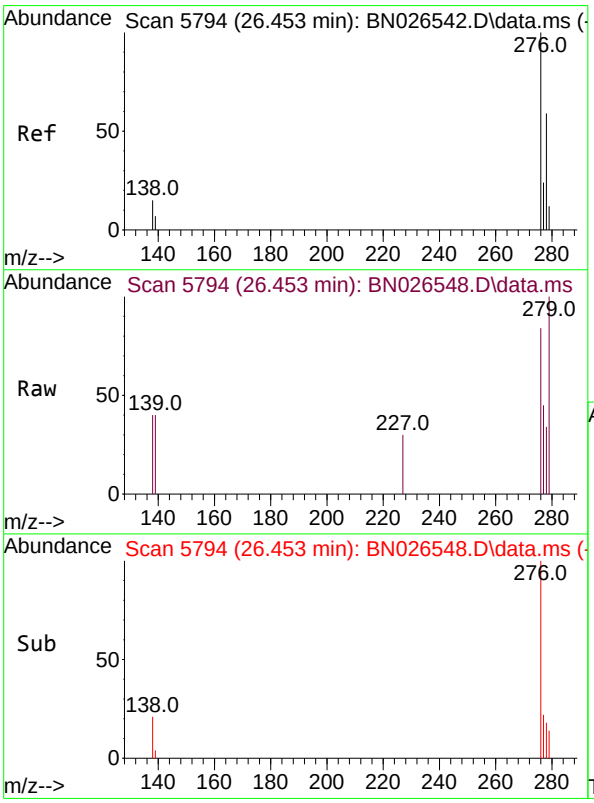
#26
Benzo(a)pyrene
Concen: 0.041 ng/ul
RT: 23.811 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

Instrument :
BNA_N
ClientSampleId :
A46M0

Tgt Ion:252 Resp: 1606

Ion	Ratio	Lower	Upper
252	100		
253	78.2	32.6	49.0#
125	45.1	19.3	28.9#

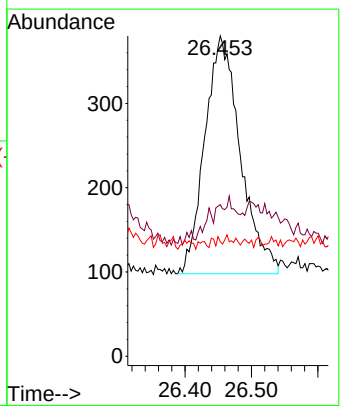


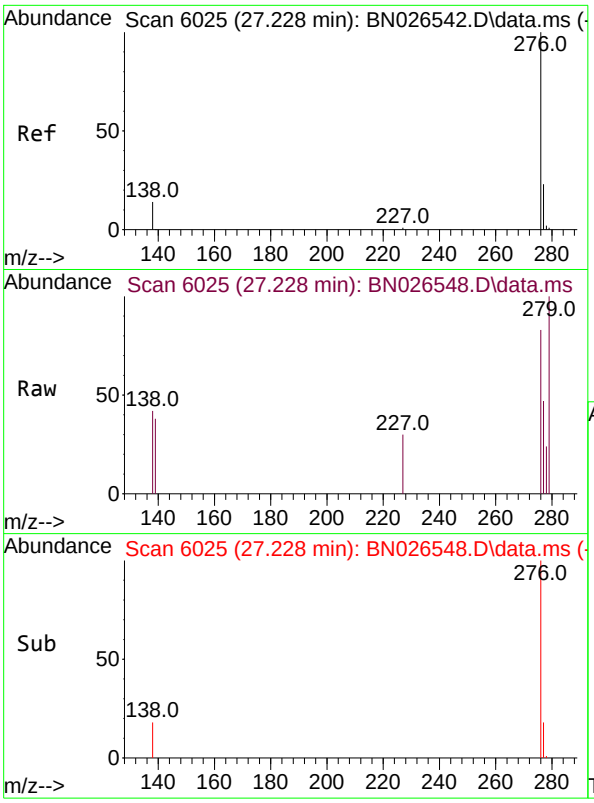


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.020 ng/ul
RT: 26.453 min Scan# 5794
Delta R.T. -0.001 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

Tgt Ion:276 Resp: 1049

Ion	Ratio	Lower	Upper
276	100		
138	0.0	22.2	33.4#
227	0.4	0.1	0.1#





#29
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul
RT: 27.228 min Scan# 6
Delta R.T. 0.003 min
Lab File: BN026548.D
Acq: 17 Jul 2023 22:07

Instrument :
BNA_N
ClientSampleId :
A46M0

Tgt Ion:276 Resp: 1047

Ion	Ratio	Lower	Upper
276	100		
138	50.7	22.6	34.0#
277	56.0	21.8	32.8#