Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026259.D
Acq On : 04 Jul 2023 12:32
Operator : MA/JU
Sample : 03247-04DL 5X
Misc :
ALS Vial : 116 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 04 23:29:47 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 : Tue Jul 04 00:40:07 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	11042	0.400	ng/ul	0.00
4) Naphthalene-d8	10.759	136	34926	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.590	164	19395	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.339	188	35729	0.400	ng/ul	0.00
17) Chrysene-d12	21.536	240	20876	0.400	ng/ul	# 0.00
23) Perylene-d12	23.997	264	22800	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	6168	0.496	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.349	152	1756	0.033	ng/ul	-0.01
18) Fluoranthene-d10	19.369	212	3002	0.038	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.809	128	8432	0.084	ng/ul	97
7) 2-Methylnaphthalene	12.420	142	6915	0.108	ng/ul	99
8) 1-Methylnaphthalene	12.640	142	4893	0.074	ng/ul	99
10) Acenaphthylene	14.312	152	15647	0.172	ng/ul	97
15) Phenanthrene	17.382	178	48120	0.408	ng/ul	99
16) Anthracene	17.474	178	14861	0.142	ng/ul	95
19) Fluoranthene	19.401	202	125809	1.128	ng/ul	96
20) Pyrene	19.764	202	110865	0.956	ng/ul	95
21) Benzo(a)anthracene	21.518	228	63280	0.735	ng/ul#	93
22) Chrysene	21.571	228	77928	0.870	ng/ul#	94
24) Benzo(b)fluoranthene	23.243	252	156369	1.607	ng/ul	94
26) Benzo(a)pyrene	23.889	252	66539	0.787	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.569	276	55586	0.602	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.569	278	13605	0.195	ng/ul#	78
29) Benzo(g,h,i)perylene	27.377	276	53558	0.652	ng/ul	96

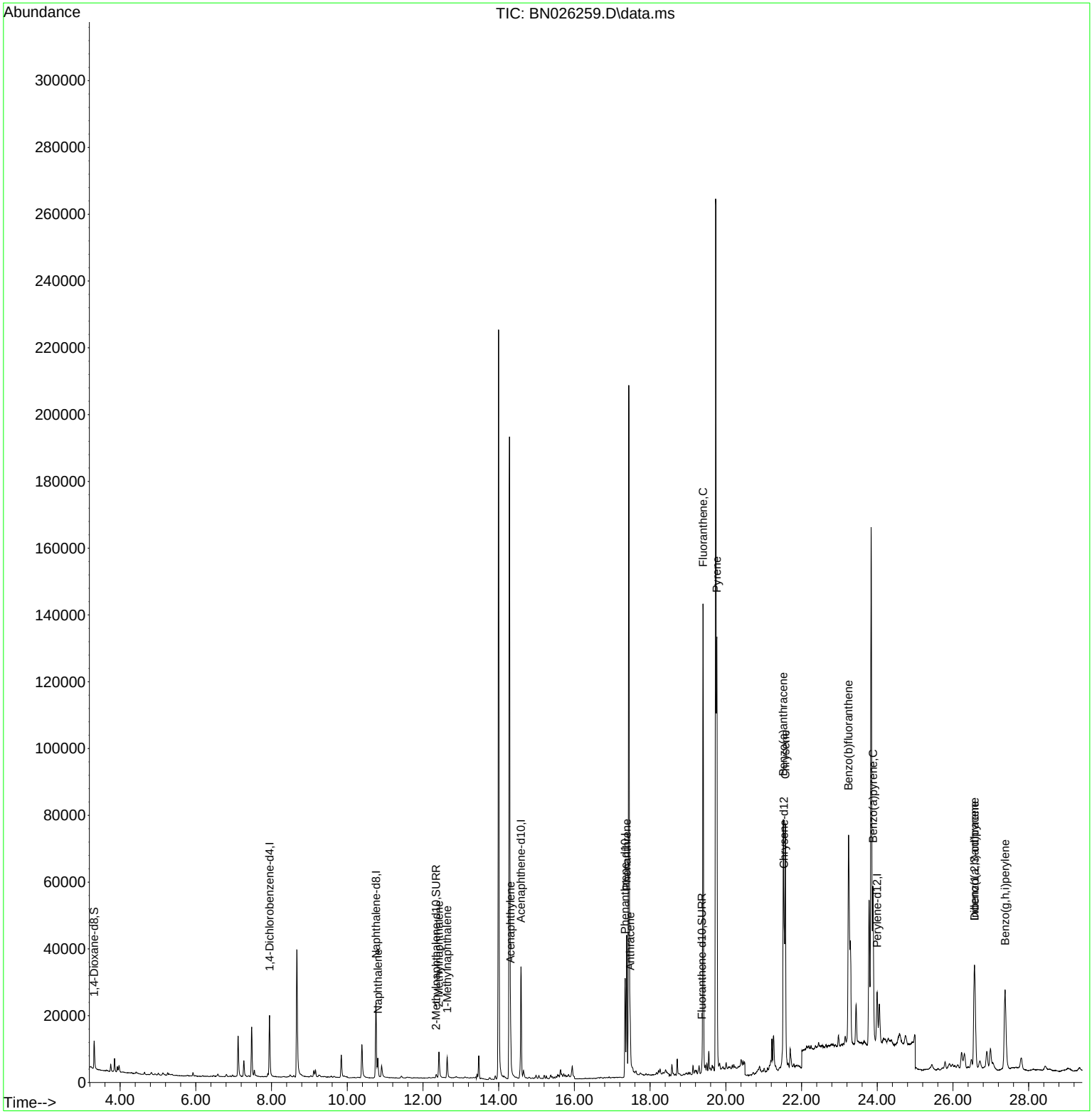
(#) = qualifier out of range (m) = manual integration (+) = signals summed

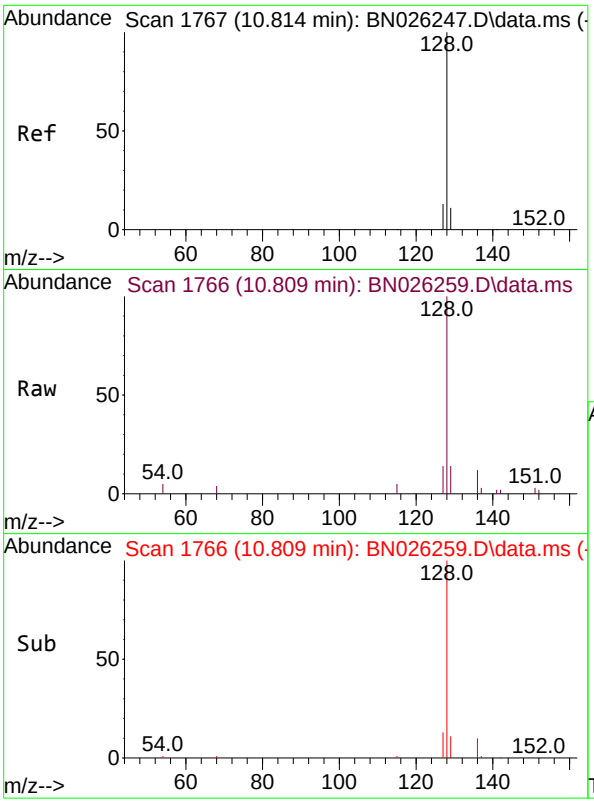
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026259.D
Acq On : 04 Jul 2023 12:32
Operator : MA/JU
Sample : 03247-04DL 5X
Misc :
ALS Vial : 116 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 04 23:29:47 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 : Tue Jul 04 00:40:07 2023
Response via : Initial Calibration



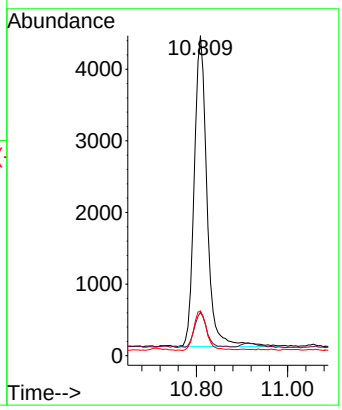


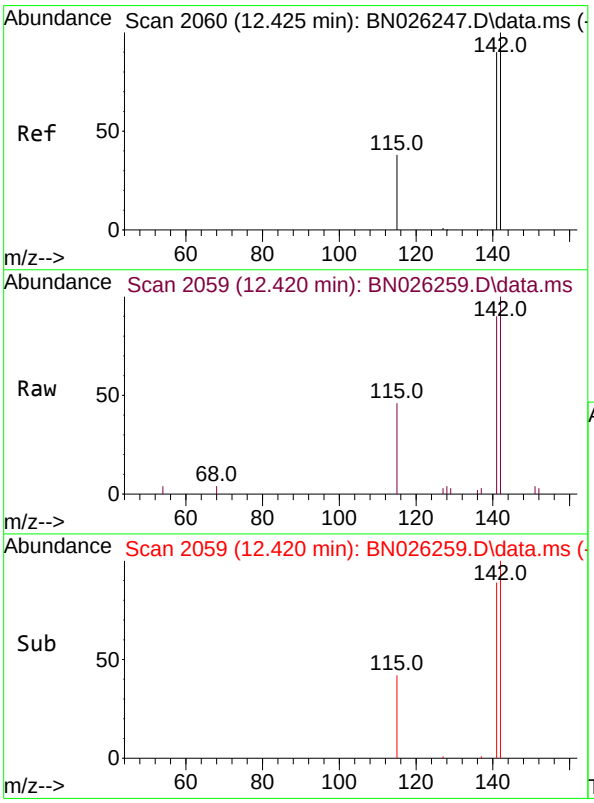
#5
Naphthalene
Concen: 0.084 ng/ul
RT: 10.809 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 8432

Ion	Ratio	Lower	Upper
128	100		
129	13.6	9.1	13.7
127	14.0	10.7	16.1

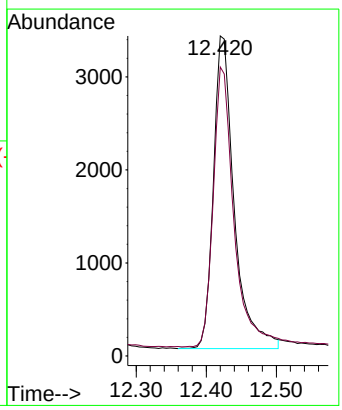


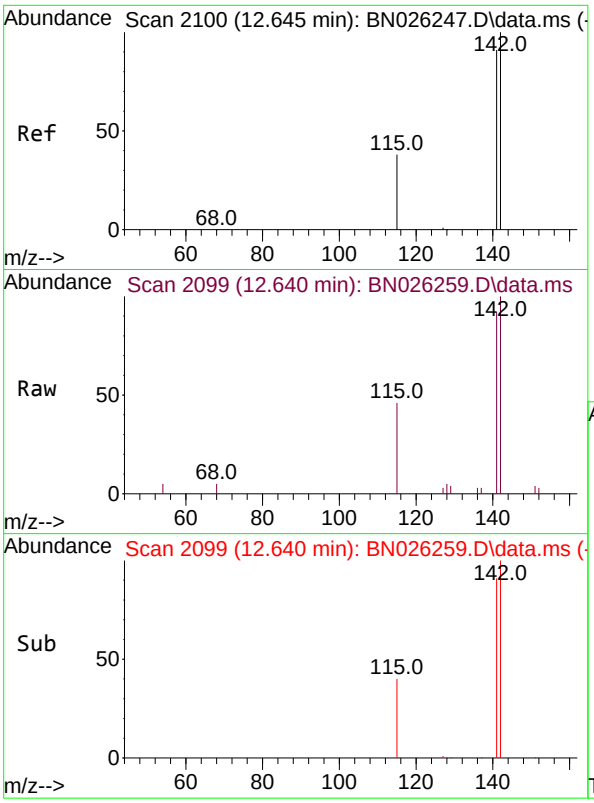


#7
2-Methylnaphthalene
Concen: 0.108 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.011 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Tgt Ion:142 Resp: 6915

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.9	107.9



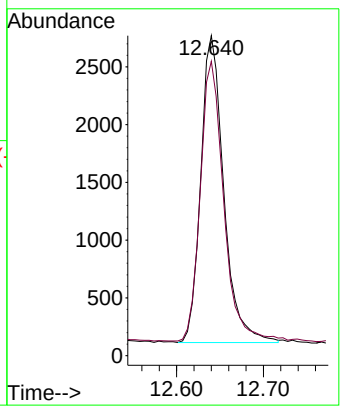


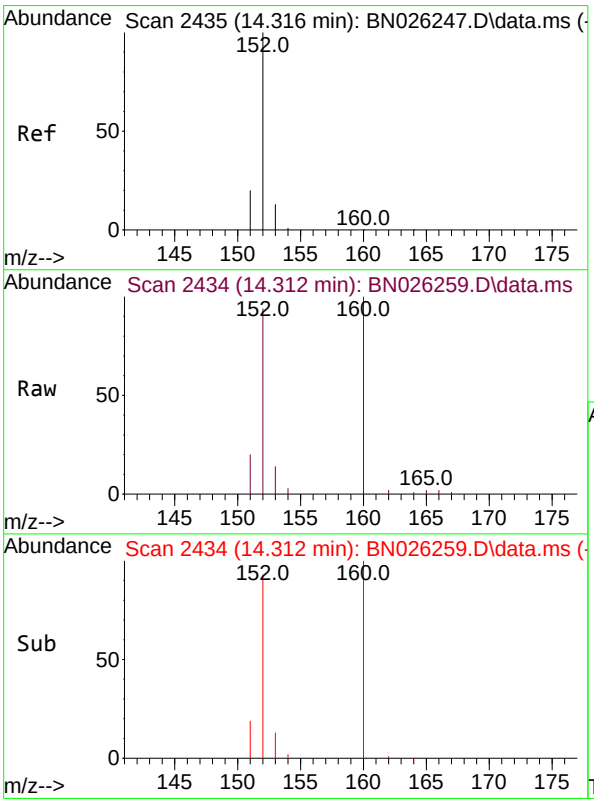
#8
1-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.640 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 4893

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4

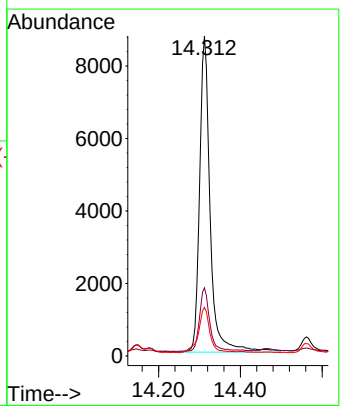


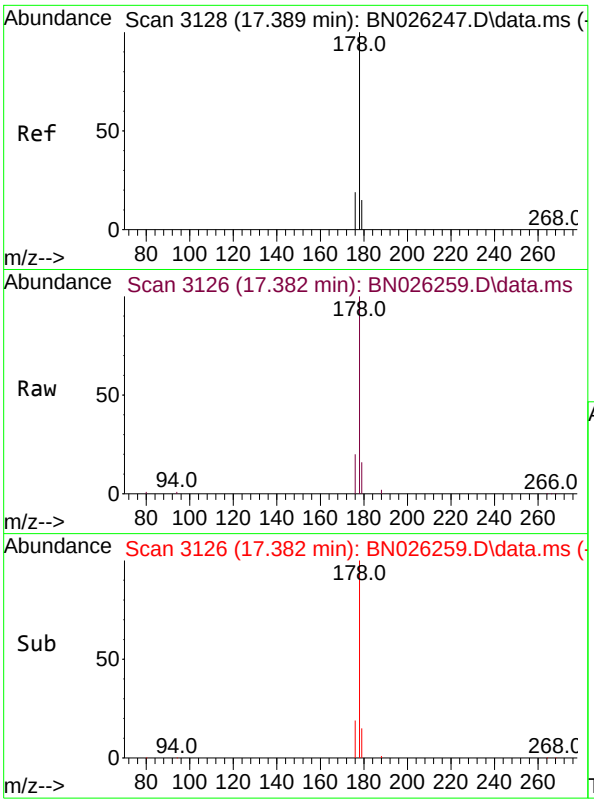


#10
Acenaphthylene
Concen: 0.172 ng/ul
RT: 14.312 min Scan# 2434
Delta R.T. -0.008 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Tgt Ion:152 Resp: 15647

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.2	24.4
153	15.2	10.9	16.3



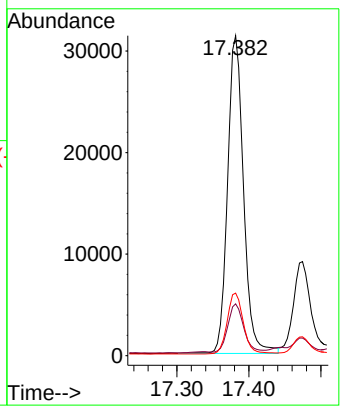


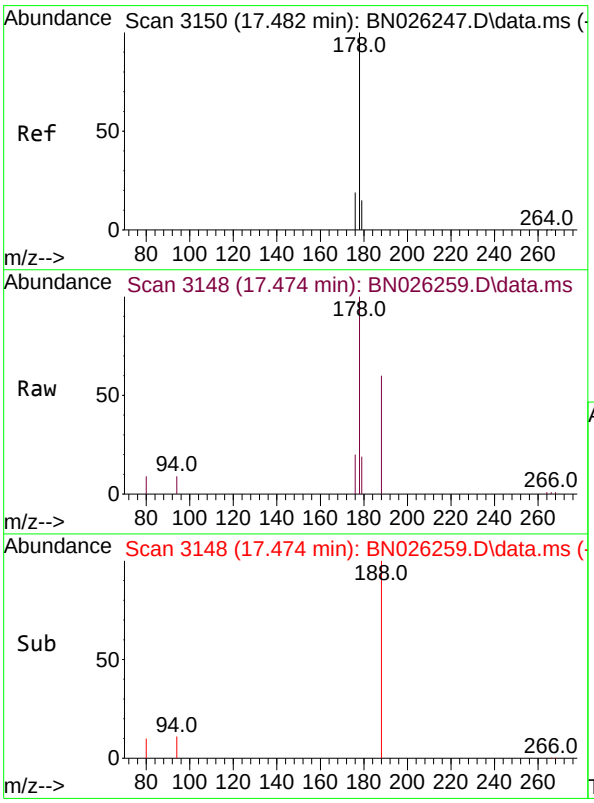
#15
Phenanthrene
Concen: 0.408 ng/ul
RT: 17.382 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 48120

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.6	19.0
176	19.6	15.8	23.6

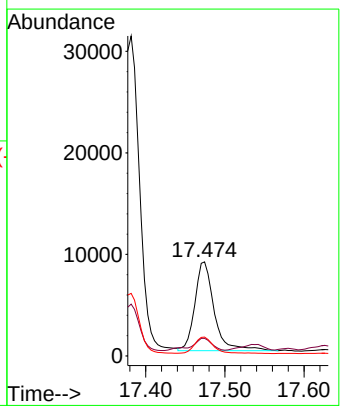


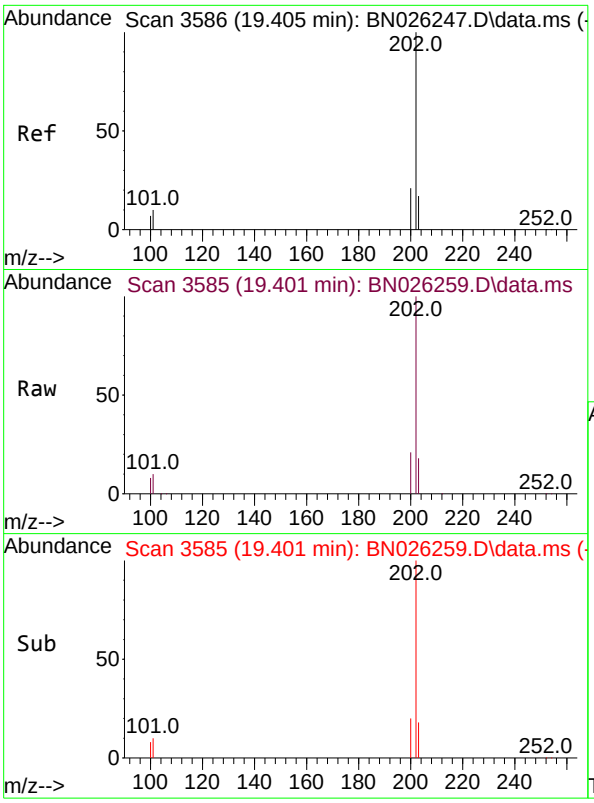


#16
Anthracene
Concen: 0.142 ng/ul
RT: 17.474 min Scan# 3148
Delta R.T. -0.008 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Tgt Ion:178 Resp: 14861

Ion	Ratio	Lower	Upper
178	100		
179	18.7	12.6	18.8
176	20.1	15.1	22.7



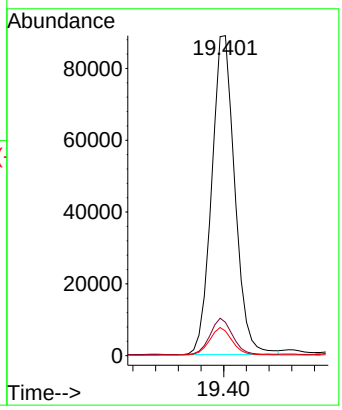


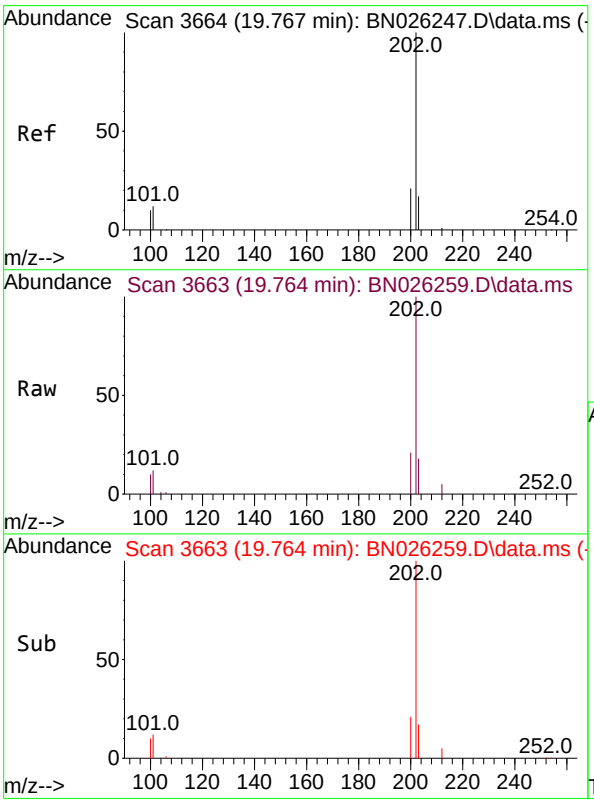
#19
Fluoranthene
Concen: 1.128 ng/ul
RT: 19.401 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 125809

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.5	14.3
100	7.7	7.3	10.9

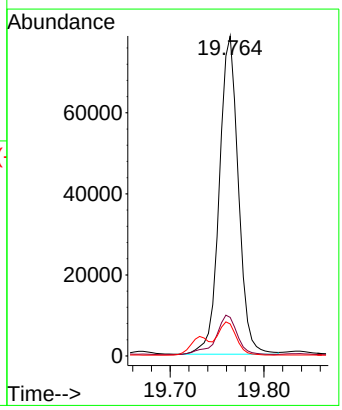


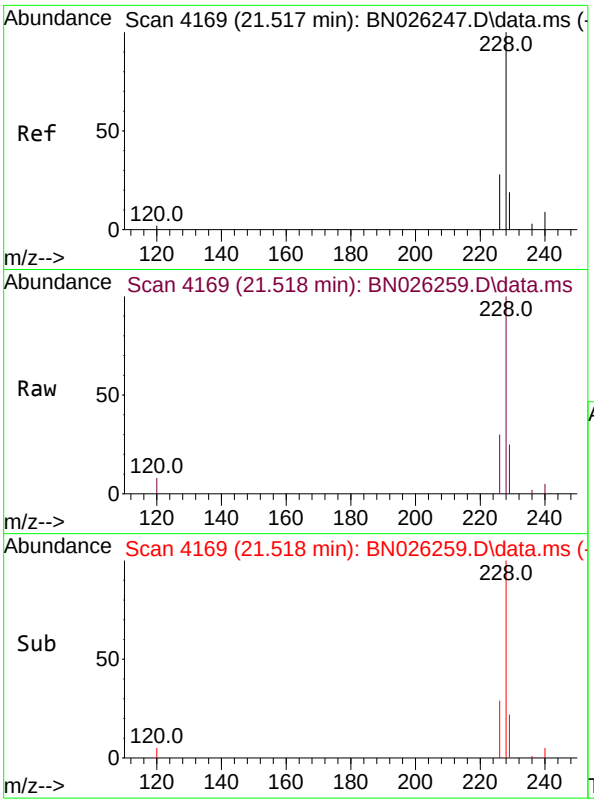


#20
Pyrene
Concen: 0.956 ng/ul
RT: 19.764 min Scan# 3663
Delta R.T. -0.008 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Tgt Ion:202 Resp: 110865

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.4	17.0
100	10.0	9.1	13.7



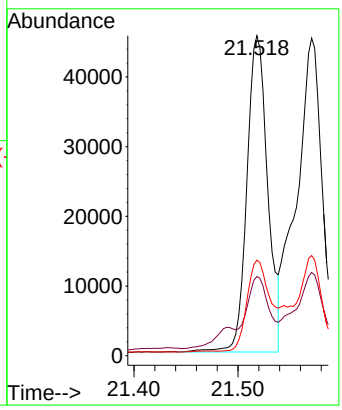


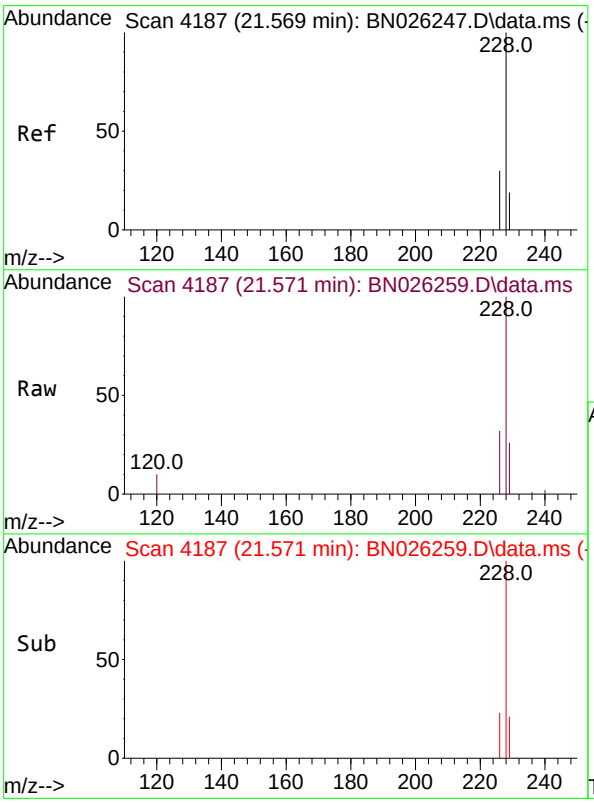
#21
Benzo(a)anthracene
Concen: 0.735 ng/ul
RT: 21.518 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 63280

Ion	Ratio	Lower	Upper
228	100		
229	24.7	15.8	23.6#
226	29.9	22.5	33.7

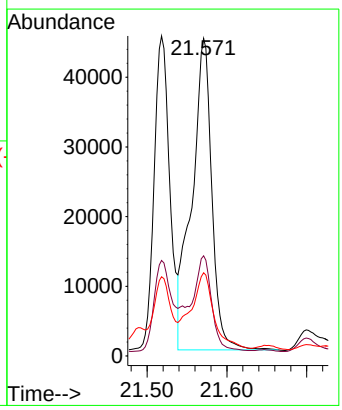


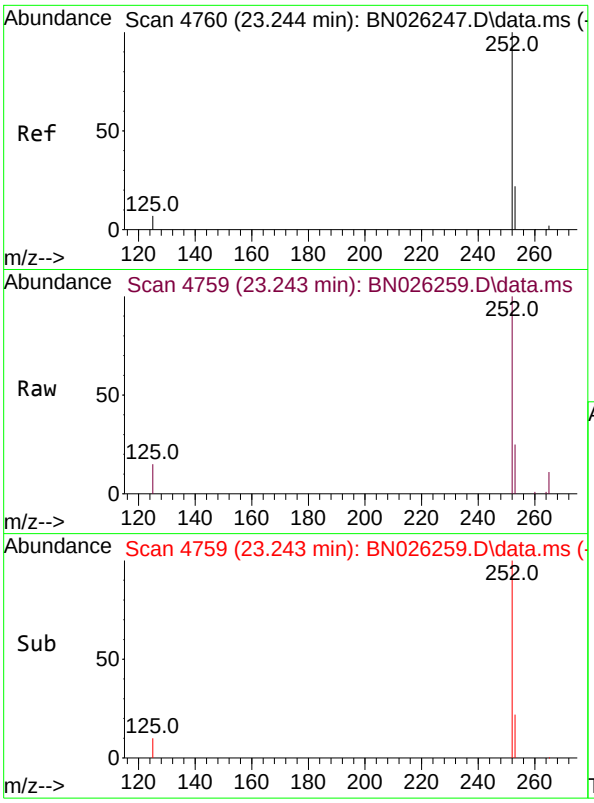


#22
Chrysene
Concen: 0.870 ng/ul
RT: 21.571 min Scan# 4187
Delta R.T. -0.008 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Tgt Ion:228 Resp: 77928

Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.8	37.2
229	26.2	15.7	23.5#



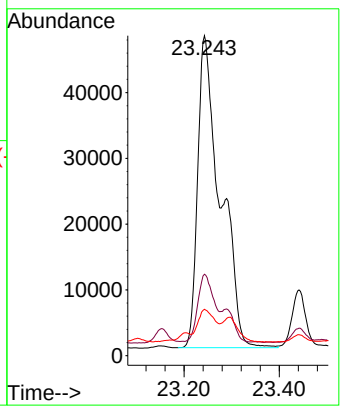


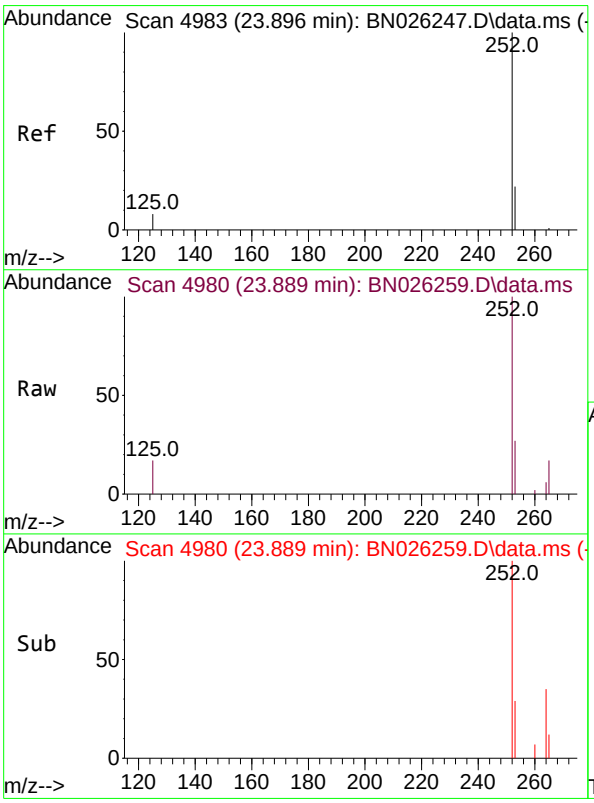
#24
Benzo(b)fluoranthene
Concen: 1.607 ng/ul
RT: 23.243 min Scan# 4
Delta R.T. -0.011 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 156369

Ion	Ratio	Lower	Upper
252	100		
253	25.5	0.0	55.6
125	14.5	0.0	35.8

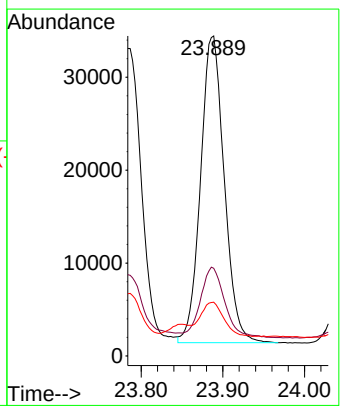


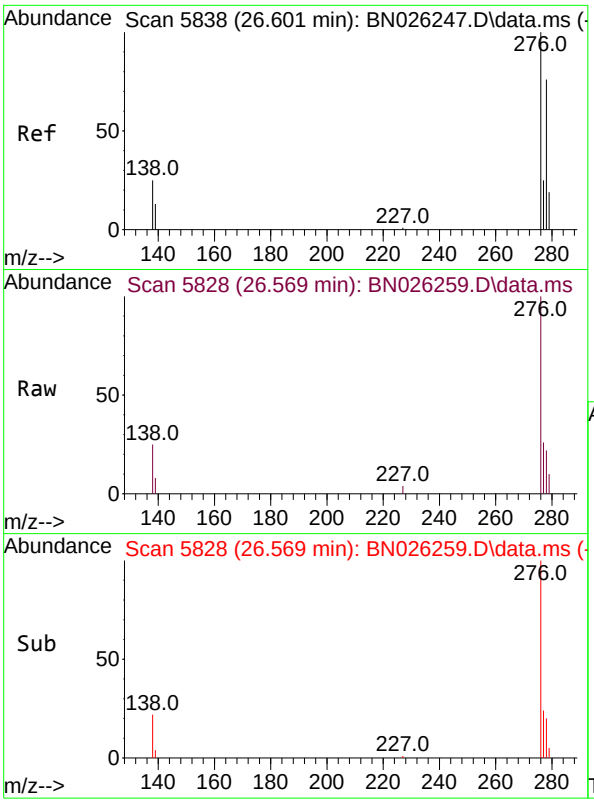


#26
Benzo(a)pyrene
Concen: 0.787 ng/ul
RT: 23.889 min Scan# 4980
Delta R.T. -0.005 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Tgt Ion:252 Resp: 66539

Ion	Ratio	Lower	Upper
252	100		
253	27.4	26.0	39.0
125	16.8	17.3	25.9#



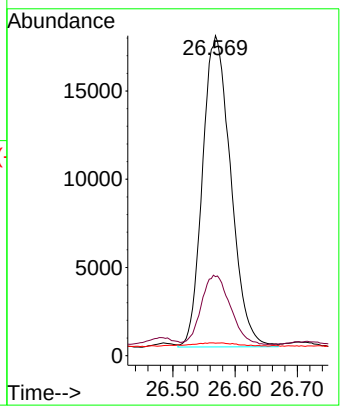


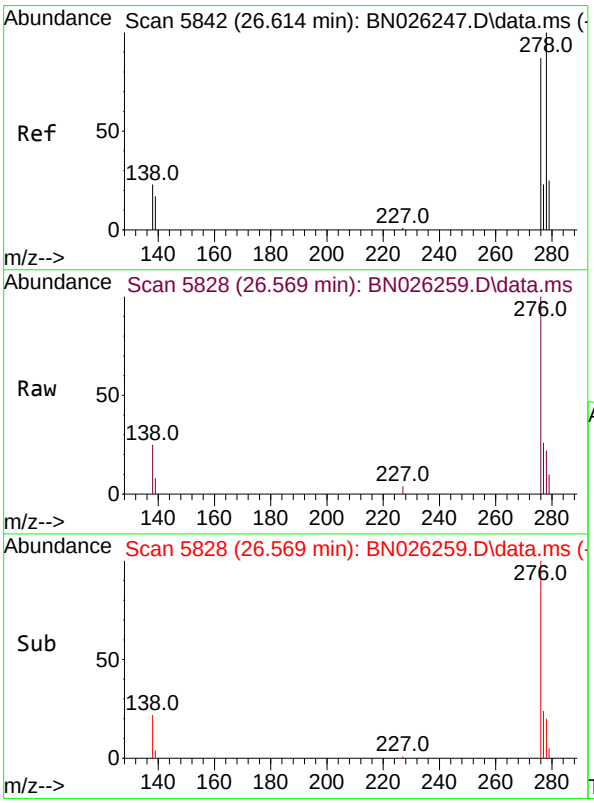
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.602 ng/ul
RT: 26.569 min Scan# 5
Delta R.T. -0.019 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 55586

Ion	Ratio	Lower	Upper
276	100		
138	22.8	24.5	36.7#
227	1.7	0.0	0.0#

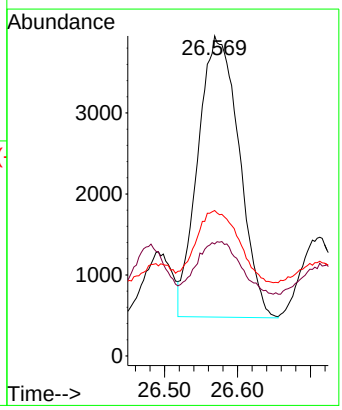


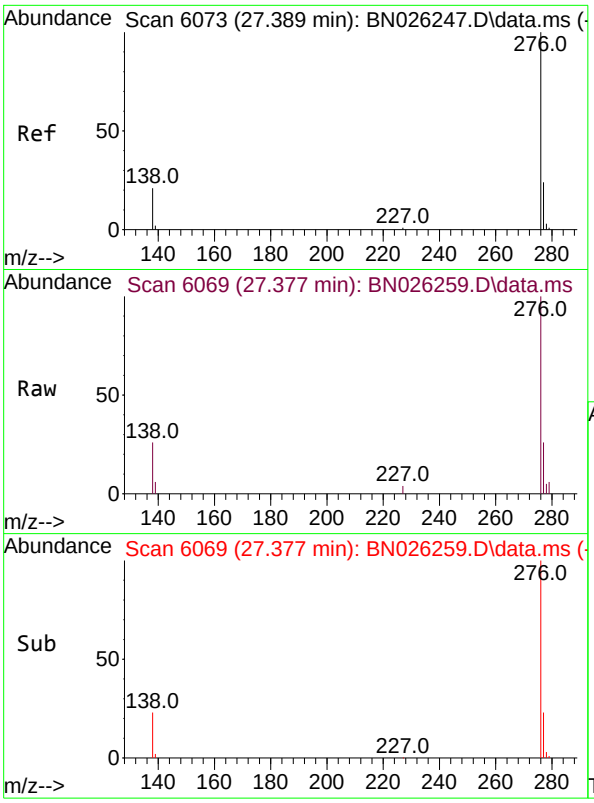


#28
Dibenzo(a,h)anthracene
Concen: 0.195 ng/ul
RT: 26.569 min Scan# 5828
Delta R.T. -0.039 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Tgt Ion:278 Resp: 13605

Ion	Ratio	Lower	Upper
278	100		
139	35.0	19.0	28.4#
279	45.4	26.7	40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.652 ng/ul
RT: 27.377 min Scan# 6
Delta R.T. -0.009 min
Lab File: BN026259.D
Acq: 04 Jul 2023 12:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:276 Resp: 53558

Ion	Ratio	Lower	Upper
276	100		
138	25.9	23.4	35.0
277	25.5	20.0	30.0