Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
Data File : BN026517.D
Acq On : 15 Jul 2023 18:07
Operator : MA/JU
Sample : 03414-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46G5

Quant Time: Jul 16 00:55:17 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 : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	3607	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.748	136	11478	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.584	164	7869	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	18901	0.400	ng/ul	0.00
17) Chrysene-d12	21.514	240	18249	0.400	ng/ul	# 0.00
23) Perylene-d12	23.926	264	18786	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.301	96	12430	2.617	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	2520	0.162	ng/ul	-0.01
18) Fluoranthene-d10	19.354	212	7961	0.126	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.798	128	9321	0.296	ng/ul	99
7) 2-Methylnaphthalene	12.420	142	577	0.032	ng/ul	96
10) Acenaphthylene	14.302	152	1171	0.030	ng/ul#	72
15) Phenanthrene	17.368	178	9717	0.161	ng/ul	99
16) Anthracene	17.457	178	1803	0.035	ng/ul#	85
19) Fluoranthene	19.382	202	30384	0.355	ng/ul	97
20) Pyrene	19.744	202	30926	0.333	ng/ul#	98
21) Benzo(a)anthracene	21.500	228	14901	0.222	ng/ul	98
22) Chrysene	21.549	228	13844	0.181	ng/ul	96
24) Benzo(b)fluoranthene	23.195	252	27433	0.375	ng/ul	94
26) Benzo(a)pyrene	23.815	252	8329	0.128	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.443	276	7895	0.092	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.453	278	1886	0.029	ng/ul#	24

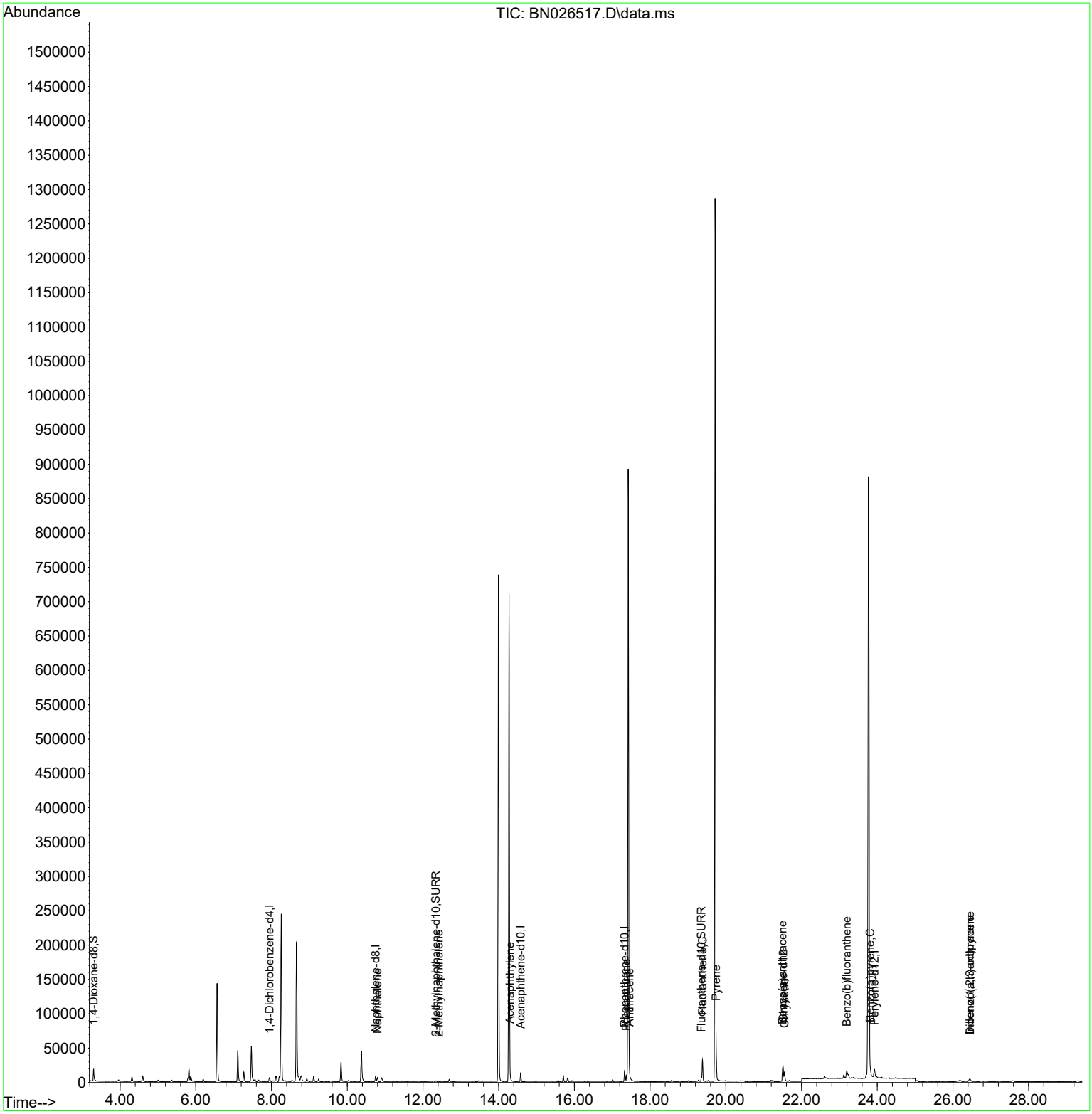
(#) = qualifier out of range (m) = manual integration (+) = signals summed

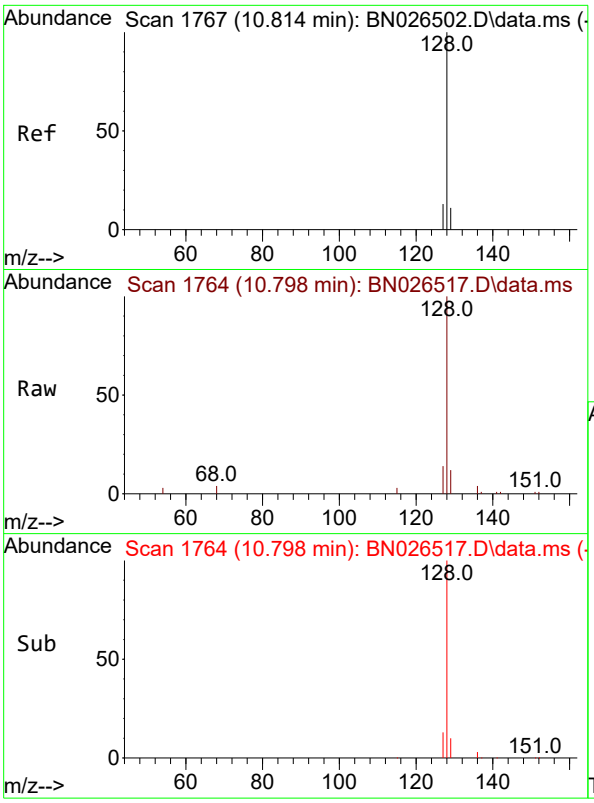
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
Data File : BN026517.D
Acq On : 15 Jul 2023 18:07
Operator : MA/JU
Sample : 03414-11
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46G5

Quant Time: Jul 16 00:55:17 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 : Sat Jul 15 01:53:23 2023
Response via : Initial Calibration



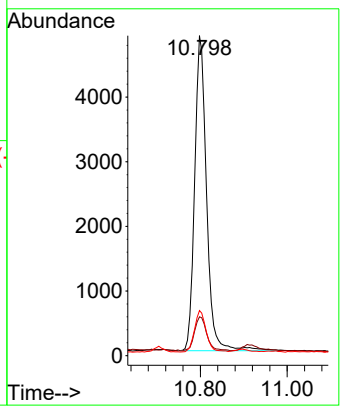


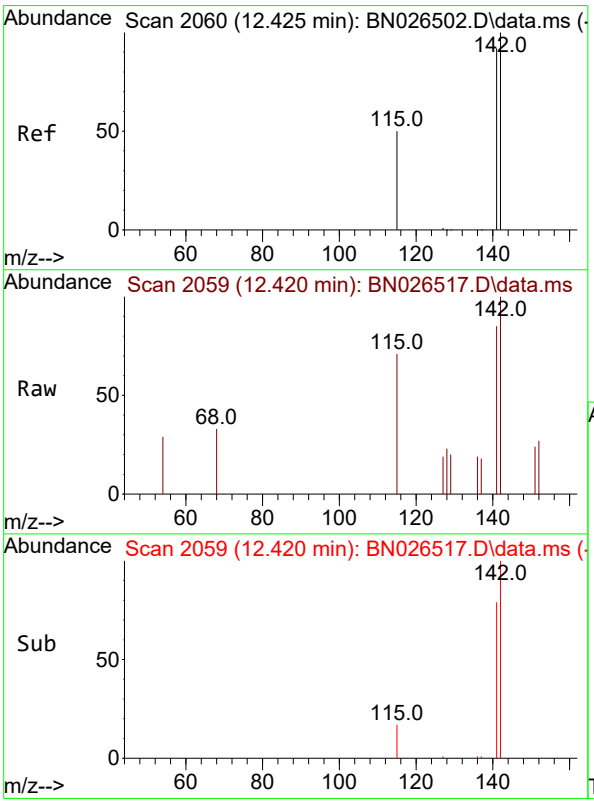
#5
Naphthalene
Concen: 0.296 ng/ul
RT: 10.798 min Scan# 1
Delta R.T. -0.017 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

Instrument :
BNA_N
ClientSampleId :
A46G5

Tgt Ion:128 Resp: 9321

Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.2	15.2
127	14.1	11.4	17.0

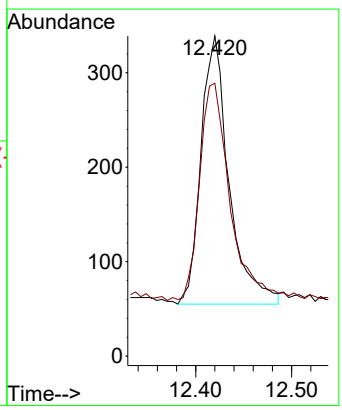


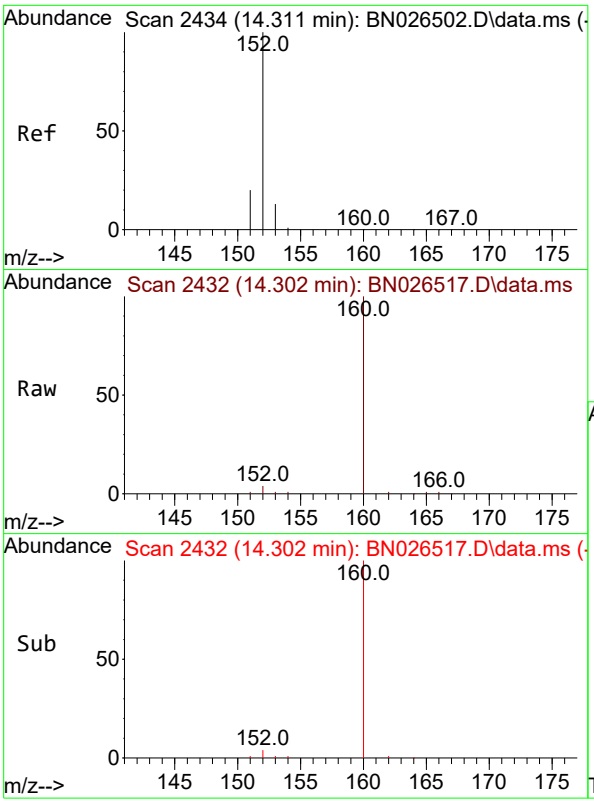


#7
2-Methylnaphthalene
Concen: 0.032 ng/ul
RT: 12.420 min Scan# 2059
Delta R.T. -0.006 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

Tgt Ion:142 Resp: 577

Ion	Ratio	Lower	Upper
142	100		
141	86.8	72.3	108.5



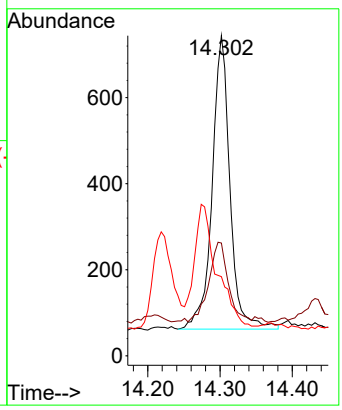


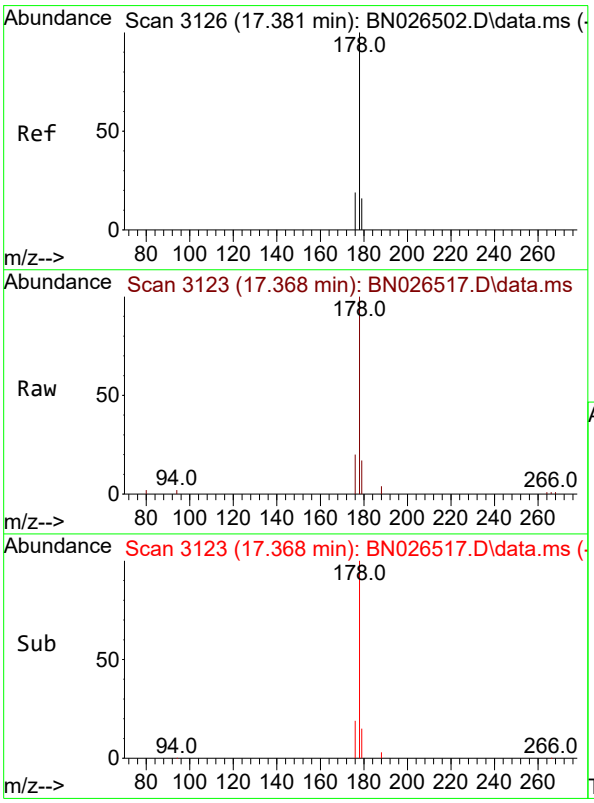
#10
Acenaphthylene
Concen: 0.030 ng/ul
RT: 14.302 min Scan# 24
Delta R.T. -0.009 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

Instrument :
BNA_N
ClientSampleId :
A46G5

Tgt Ion:152 Resp: 1171

Ion	Ratio	Lower	Upper
152	100		
151	35.2	17.0	25.6#
153	24.7	11.4	17.2#

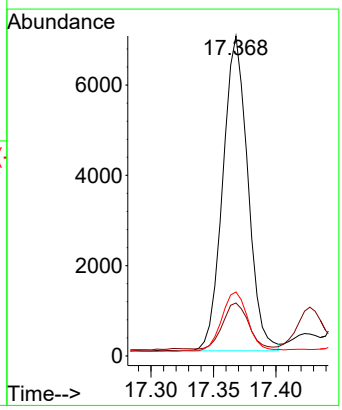


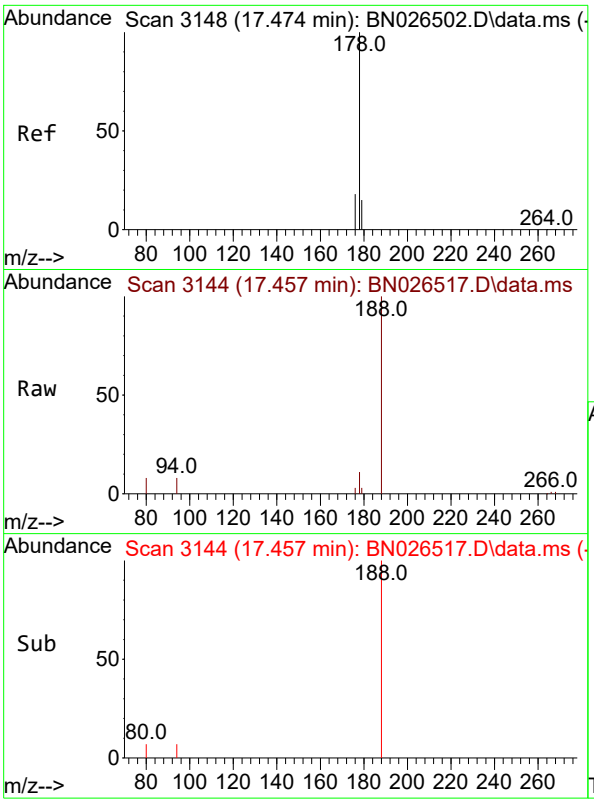


#15
Phenanthrene
Concen: 0.161 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.013 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

Tgt Ion:178 Resp: 9717

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.7	20.5
176	20.0	16.5	24.7



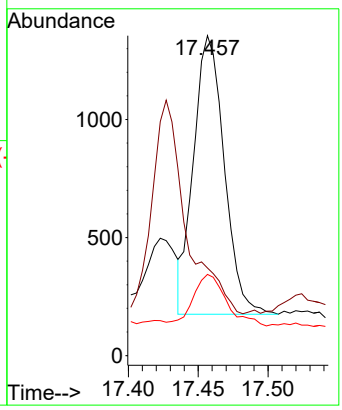


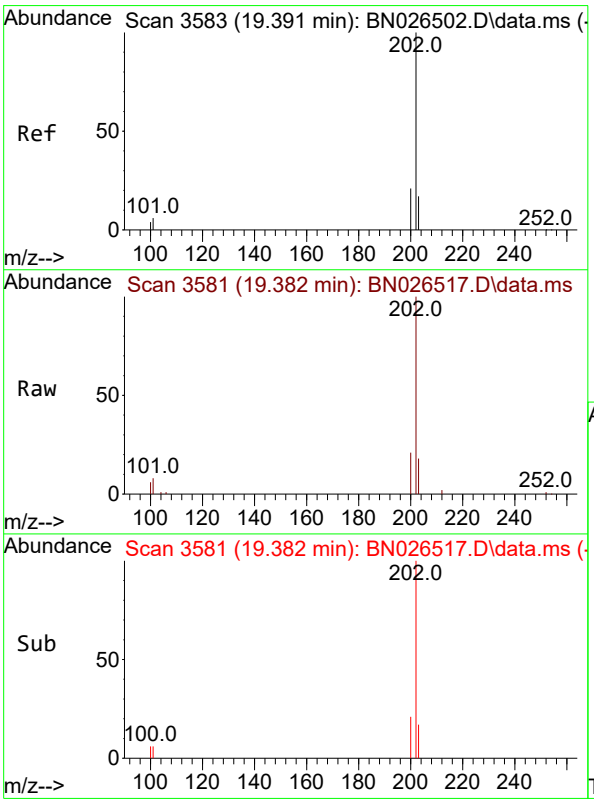
#16
Anthracene
Concen: 0.035 ng/ul
RT: 17.457 min Scan# 3
Delta R.T. -0.017 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

Instrument :
BNA_N
ClientSampleId :
A46G5

Tgt Ion:178 Resp: 1803

Ion	Ratio	Lower	Upper
178	100		
179	27.4	14.8	22.2#
176	25.4	16.6	25.0#

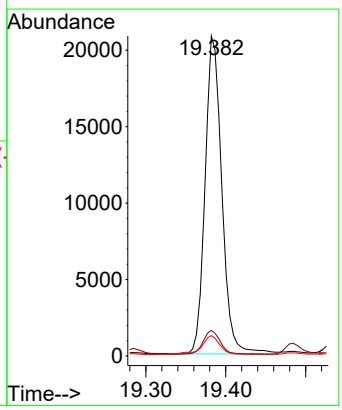


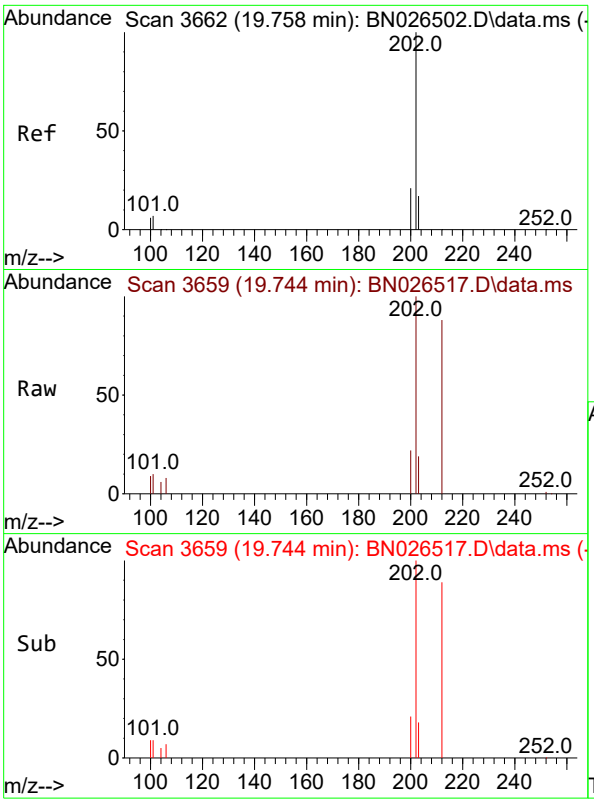


#19
Fluoranthene
Concen: 0.355 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. -0.009 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

Tgt Ion:202 Resp: 30384

Ion	Ratio	Lower	Upper
202	100		
101	8.0	7.0	10.4
100	6.4	6.0	9.0



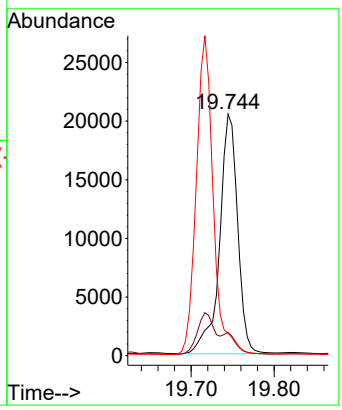


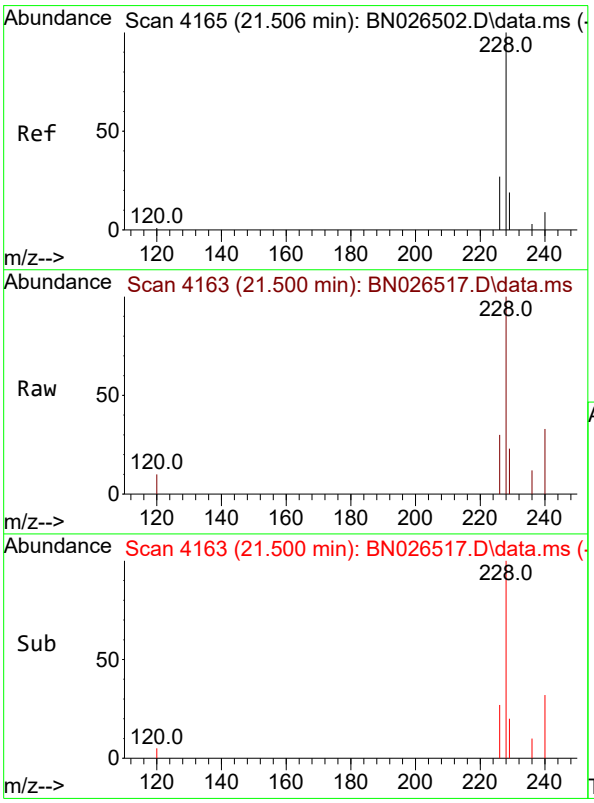
#20
Pyrene
Concen: 0.333 ng/ul
RT: 19.744 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

Instrument :
BNA_N
ClientSampleId :
A46G5

Tgt Ion:202 Resp: 30926

Ion	Ratio	Lower	Upper
202	100		
101	9.7	8.0	12.0
100	9.3	6.2	9.2#

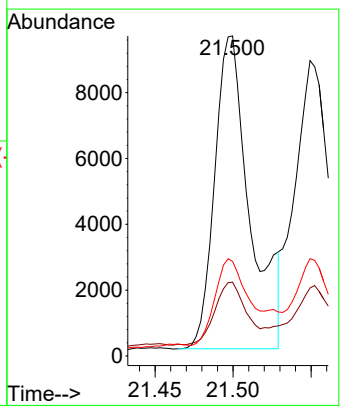


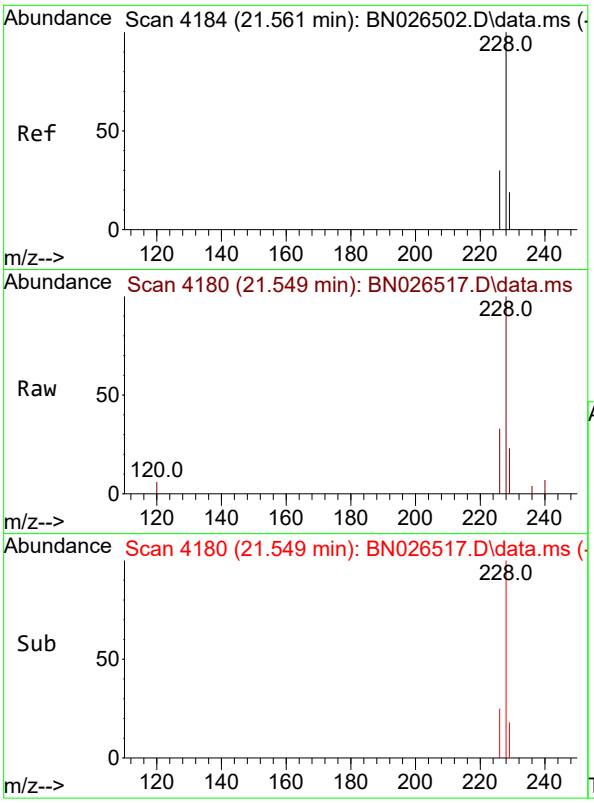


#21
Benzo(a)anthracene
Concen: 0.222 ng/ul
RT: 21.500 min Scan# 4163
Delta R.T. -0.006 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

Tgt Ion:228 Resp: 14901

Ion	Ratio	Lower	Upper
228	100		
229	23.0	16.7	25.1
226	29.5	23.5	35.3



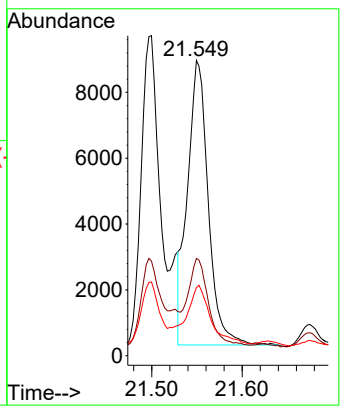


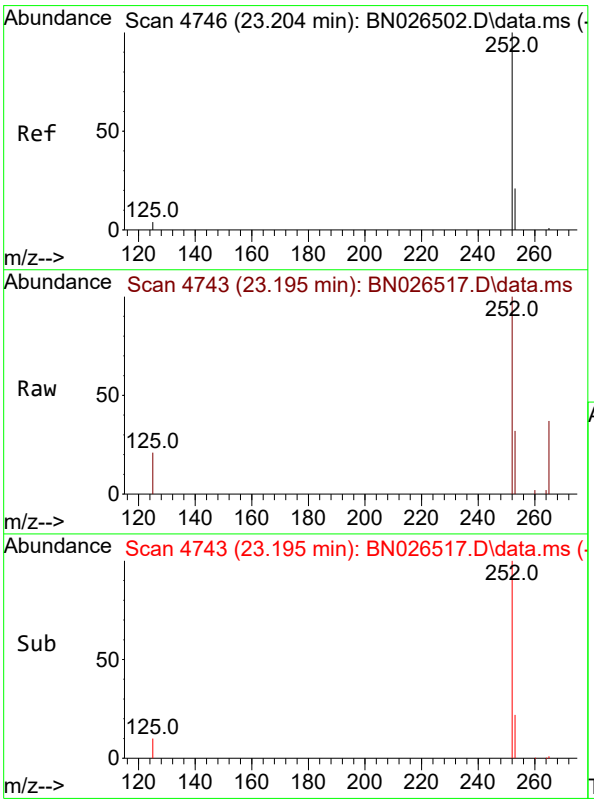
#22
Chrysene
Concen: 0.181 ng/ul
RT: 21.549 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

Instrument :
BNA_N
ClientSampleId :
A46G5

Tgt Ion:228 Resp: 13844

Ion	Ratio	Lower	Upper
228	100		
226	32.9	25.2	37.8
229	23.0	16.4	24.6

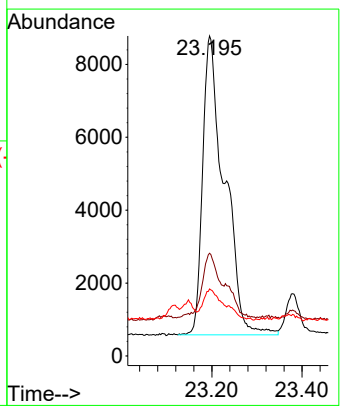


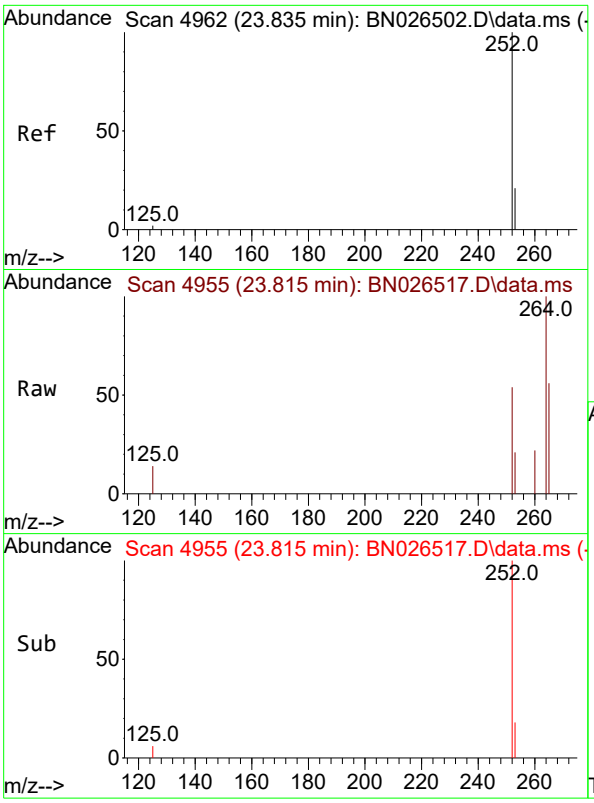


#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.195 min Scan# 4743
Delta R.T. -0.009 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

Tgt Ion:252 Resp: 27433

Ion	Ratio	Lower	Upper
252	100		
253	32.1	0.0	68.6
125	20.9	0.0	34.0



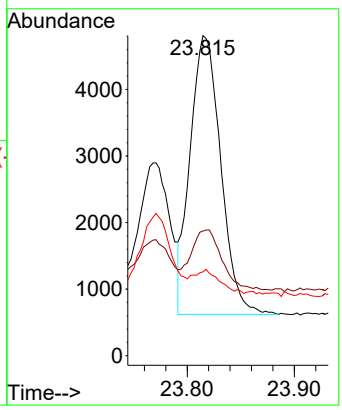


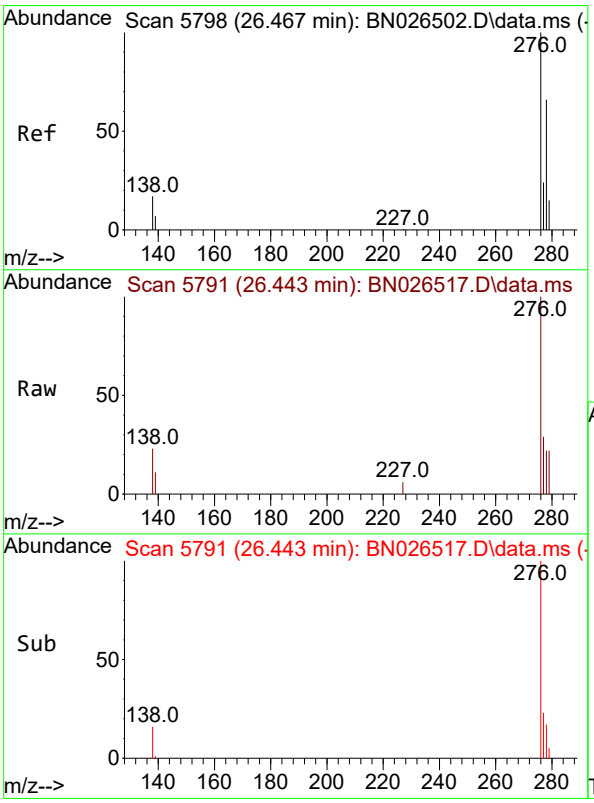
#26
Benzo(a)pyrene
Concen: 0.128 ng/ul
RT: 23.815 min Scan# 4
Delta R.T. -0.021 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

Instrument :
BNA_N
ClientSampleId :
A46G5

Tgt Ion:252 Resp: 8329

Ion	Ratio	Lower	Upper
252	100		
253	39.0	32.6	49.0
125	26.2	19.3	28.9

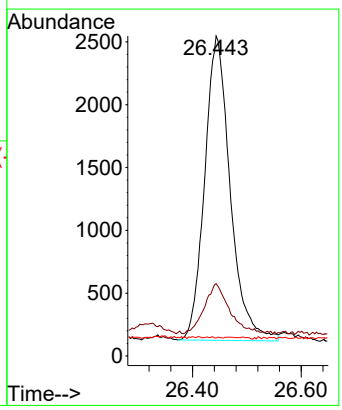


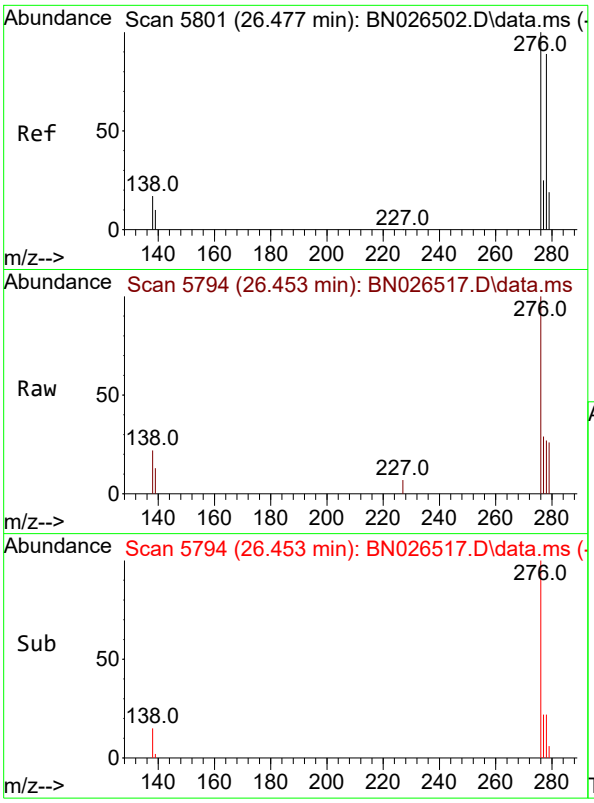


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.092 ng/ul
RT: 26.443 min Scan# 5791
Delta R.T. -0.024 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

Tgt Ion:276 Resp: 7895

Ion	Ratio	Lower	Upper
276	100		
138	16.7	22.2	33.4#
227	0.1	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 26.453 min Scan# 5
Delta R.T. -0.024 min
Lab File: BN026517.D
Acq: 15 Jul 2023 18:07

Instrument :
BNA_N
ClientSampleId :
A46G5

Tgt Ion:278 Resp: 1886

Ion	Ratio	Lower	Upper
278	100		
139	47.1	18.9	28.3#
279	95.9	31.3	46.9#