Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
Data File : BN026523.D
Acq On : 15 Jul 2023 22:00
Operator : MA/JU
Sample : 02418-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46J6

Quant Time: Jul 16 00:56:10 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	7.942	152	3027	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.748	136	9483	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.579	164	6079	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	13198	0.400	ng/ul	0.00
17) Chrysene-d12	21.508	240	10767	0.400	ng/ul	#-0.01
23) Perylene-d12	23.923	264	9691	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	6798	1.705	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.343	152	3077	0.239	ng/ul	-0.01
18) Fluoranthene-d10	19.354	212	8413	0.225	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.798	128	10183	0.391	ng/ul	99
7) 2-Methylnaphthalene	12.414	142	557	0.038	ng/ul	96
12) Fluorene	15.630	166	491	0.021	ng/ul#	92
15) Phenanthrene	17.368	178	10507	0.250	ng/ul	99
16) Anthracene	17.457	178	1575	0.043	ng/ul#	76
19) Fluoranthene	19.382	202	32607	0.646	ng/ul	96
20) Pyrene	19.744	202	26975	0.492	ng/ul	98
21) Benzo(a)anthracene	21.494	228	9552	0.241	ng/ul	97
22) Chrysene	21.546	228	13486	0.299	ng/ul	98
24) Benzo(b)fluoranthene	23.186	252	22149	0.587	ng/ul	96
26) Benzo(a)pyrene	23.812	252	4064	0.121	ng/ul#	75
27) Indeno(1,2,3-cd)pyrene	26.440	276	6956	0.158	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.447	278	1582	0.047	ng/ul#	1
29) Benzo(g,h,i)perylene	27.215	276	7036	0.181	ng/ul	92

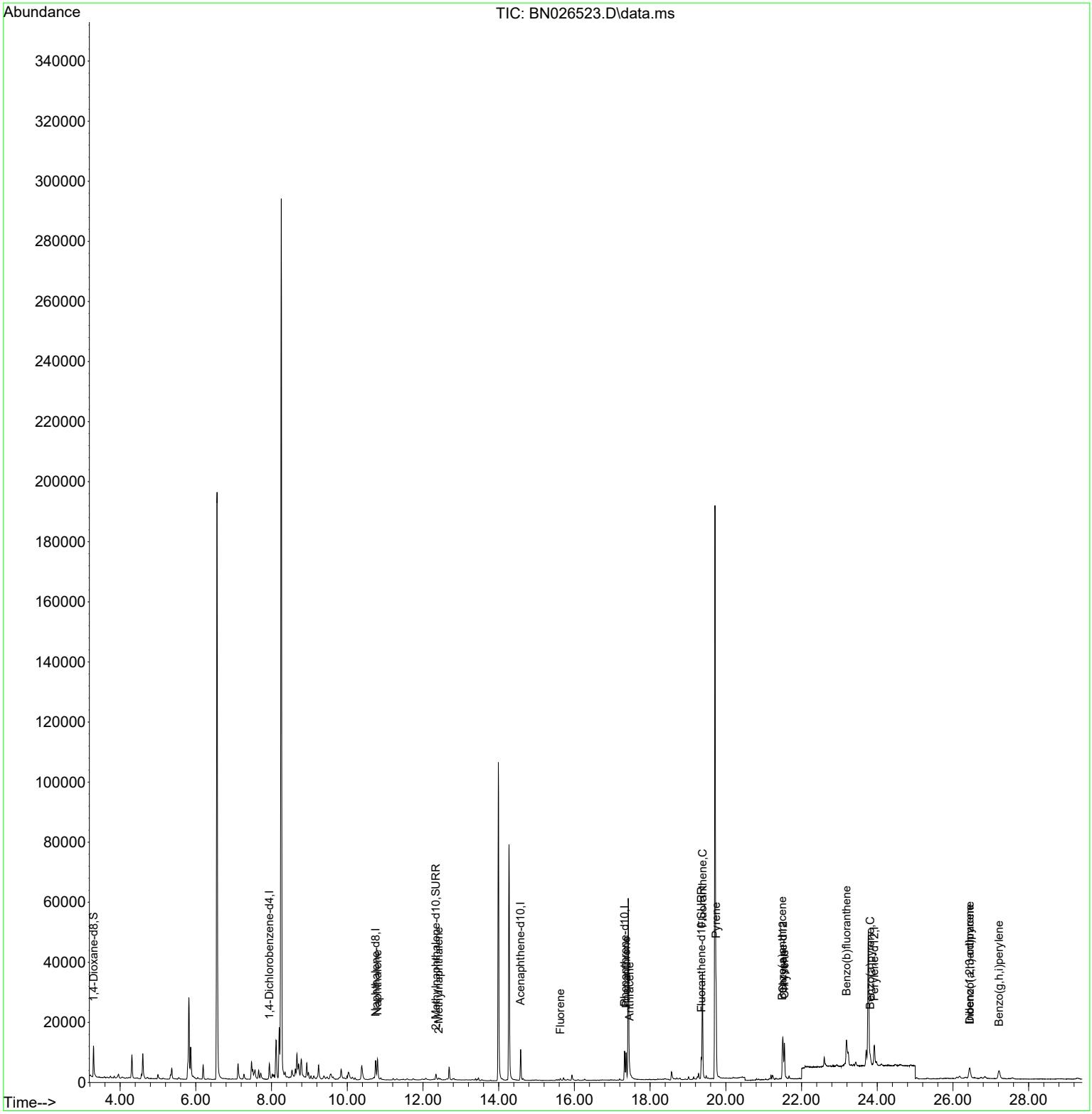
(#) = qualifier out of range (m) = manual integration (+) = signals summed

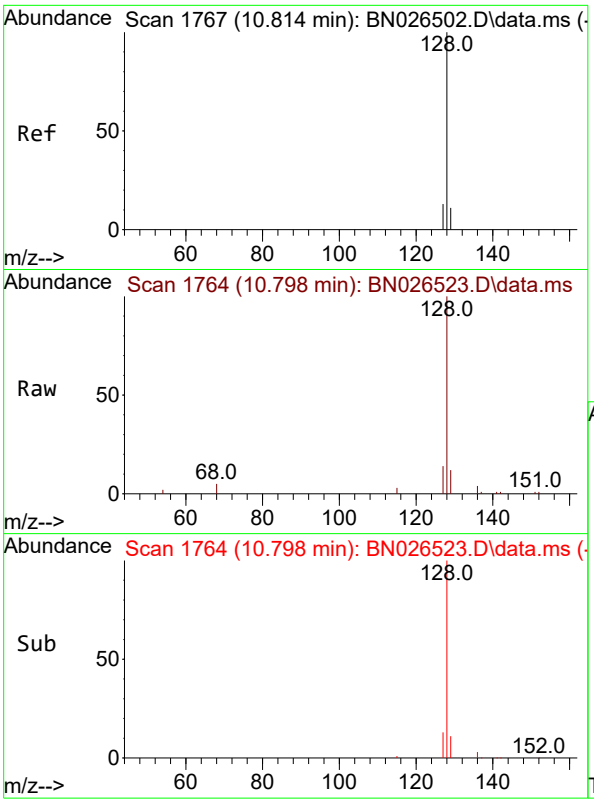
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071523\
Data File : BN026523.D
Acq On : 15 Jul 2023 22:00
Operator : MA/JU
Sample : 02418-16
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46J6

Quant Time: Jul 16 00:56:10 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



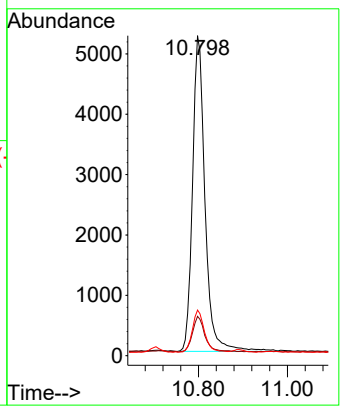


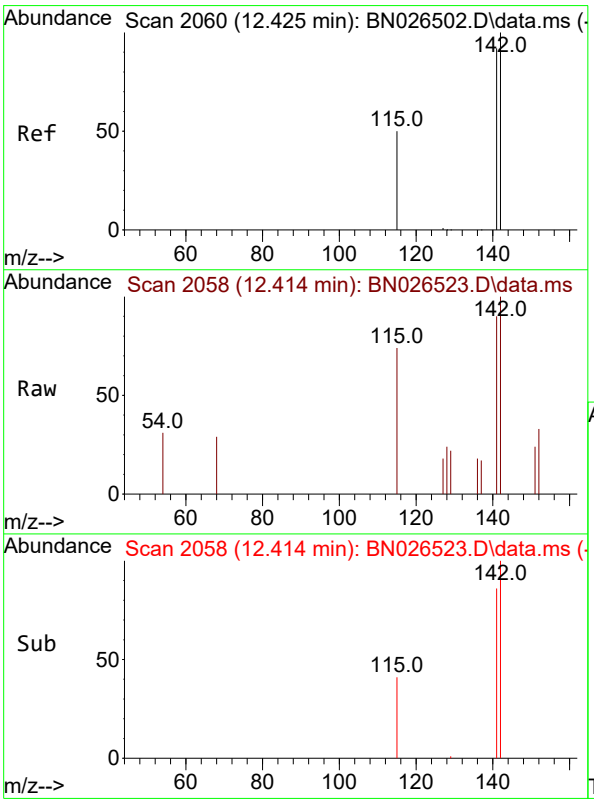
#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.798 min Scan# 1
Delta R.T. -0.017 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

Instrument :
BNA_N
ClientSampleId :
A46J6

Tgt Ion:128 Resp: 10183

Ion	Ratio	Lower	Upper
128	100		
129	12.3	10.2	15.2
127	14.2	11.4	17.0

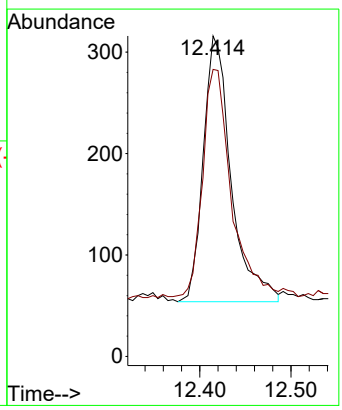


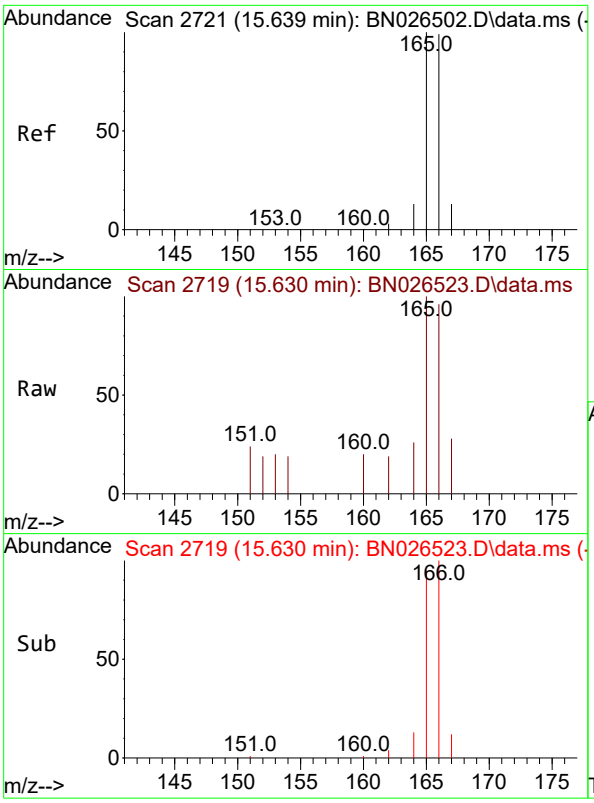


#7
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.414 min Scan# 2058
Delta R.T. -0.011 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

Tgt Ion:142 Resp: 557

Ion	Ratio	Lower	Upper
142	100		
141	86.9	72.3	108.5



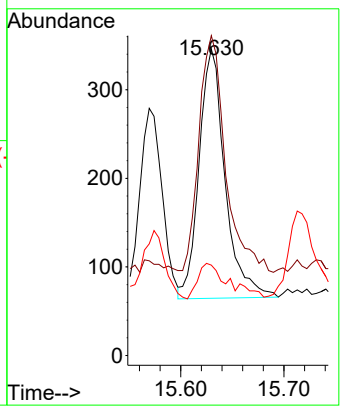


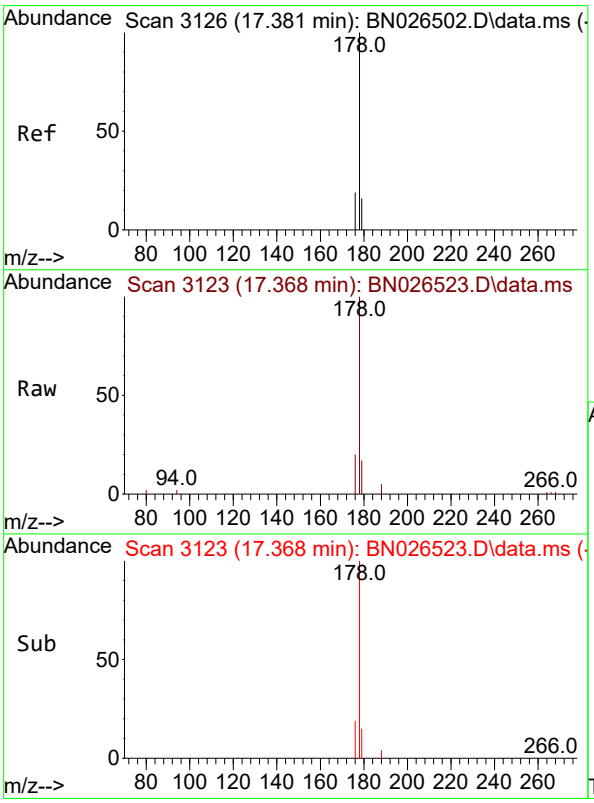
#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.630 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

Instrument :
BNA_N
ClientSampleId :
A46J6

Tgt Ion:166 Resp: 491

Ion	Ratio	Lower	Upper
166	100		
165	104.3	80.6	120.8
167	29.5	12.0	18.0#

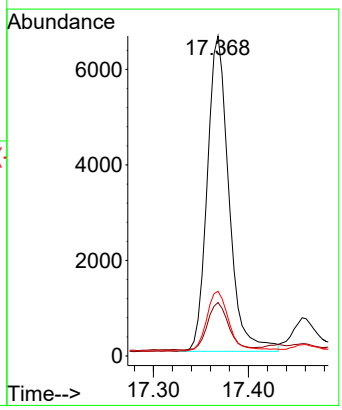


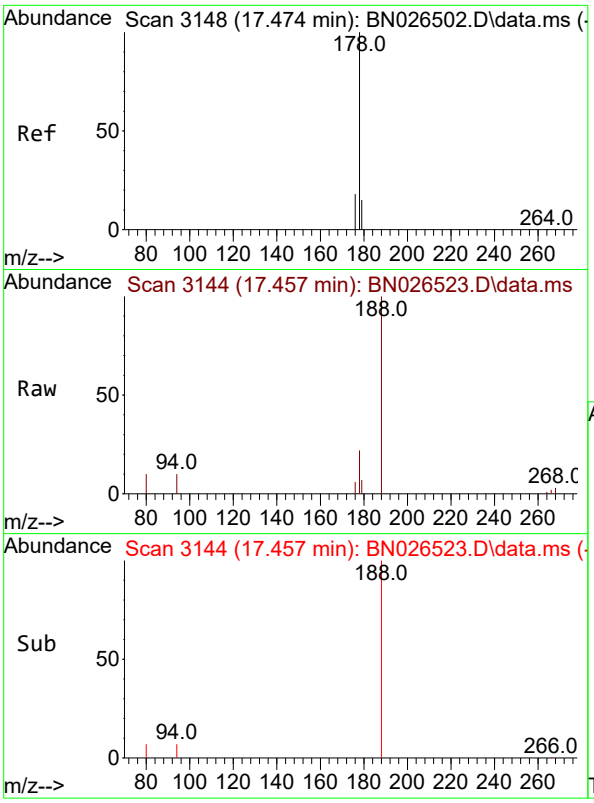


#15
Phenanthrene
Concen: 0.250 ng/ul
RT: 17.368 min Scan# 3123
Delta R.T. -0.013 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

Tgt Ion:178 Resp: 10507

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.7	20.5
176	20.2	16.5	24.7



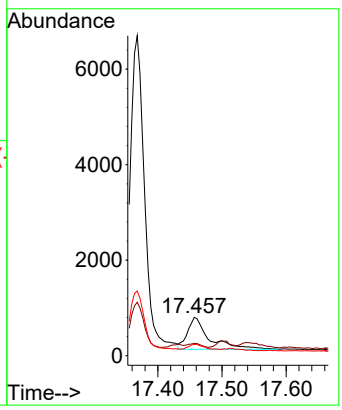


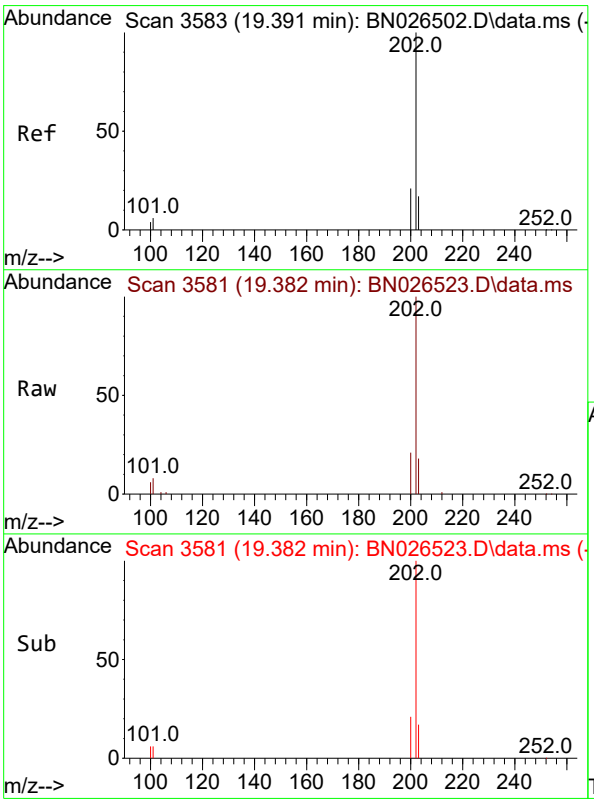
#16
Anthracene
Concen: 0.043 ng/ul
RT: 17.457 min Scan# 3
Delta R.T. -0.017 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

Instrument :
BNA_N
ClientSampleId :
A46J6

Tgt Ion:178 Resp: 1575

Ion	Ratio	Lower	Upper
178	100		
179	32.1	14.8	22.2#
176	29.1	16.6	25.0#

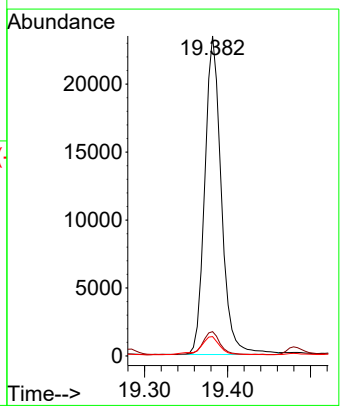


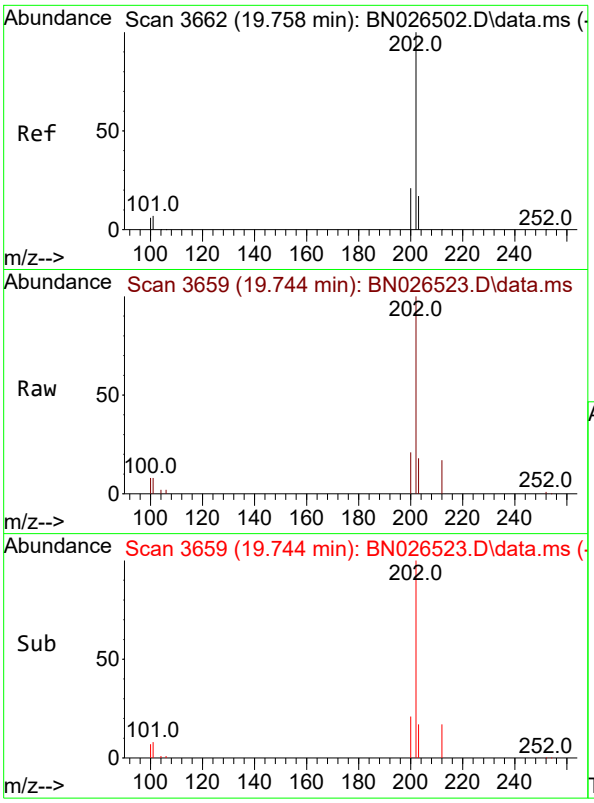


#19
Fluoranthene
Concen: 0.646 ng/ul
RT: 19.382 min Scan# 3581
Delta R.T. -0.009 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

Tgt Ion:202 Resp: 32607

Ion	Ratio	Lower	Upper
202	100		
101	7.6	7.0	10.4
100	6.1	6.0	9.0



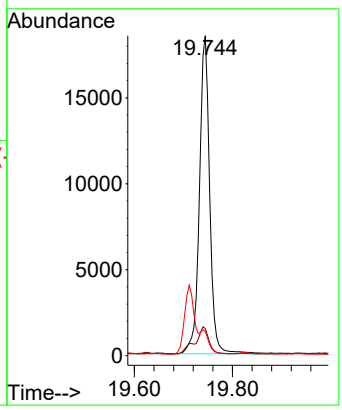


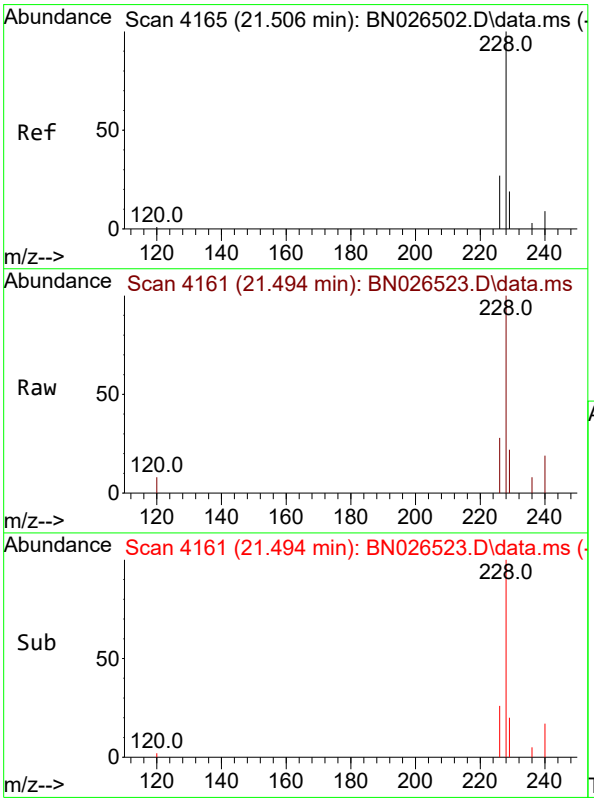
#20
Pyrene
Concen: 0.492 ng/ul
RT: 19.744 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

Instrument :
BNA_N
ClientSampleId :
A46J6

Tgt Ion:202 Resp: 26975

Ion	Ratio	Lower	Upper
202	100		
101	8.5	8.0	12.0
100	7.6	6.2	9.2

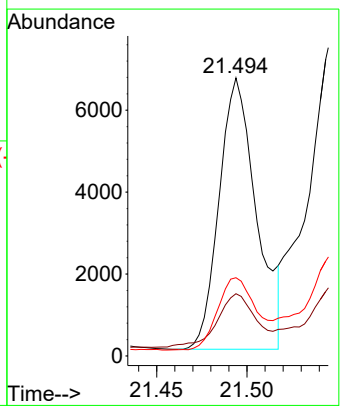


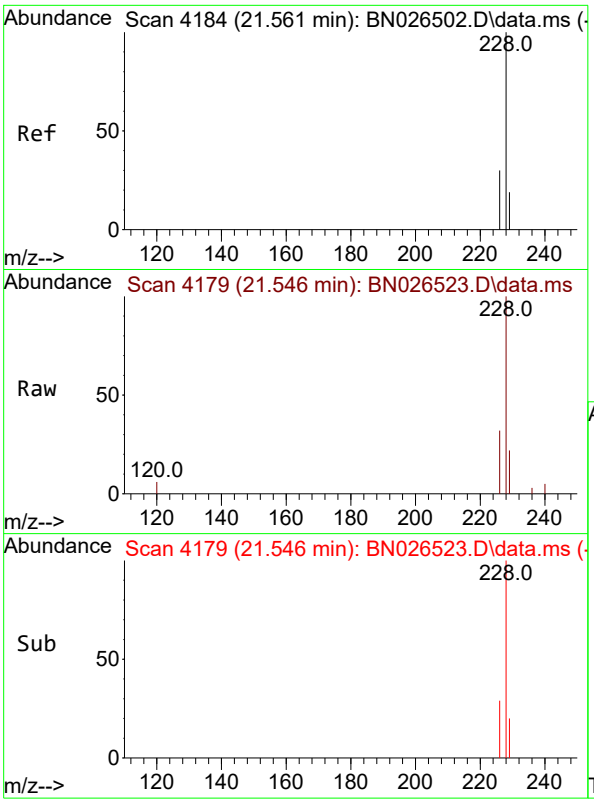


#21
Benzo(a)anthracene
Concen: 0.241 ng/ul
RT: 21.494 min Scan# 4161
Delta R.T. -0.012 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

Tgt Ion:228 Resp: 9552

Ion	Ratio	Lower	Upper
228	100		
229	22.4	16.7	25.1
226	28.1	23.5	35.3



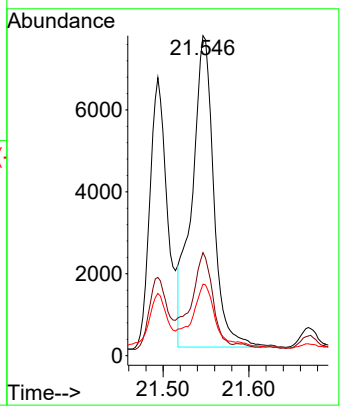


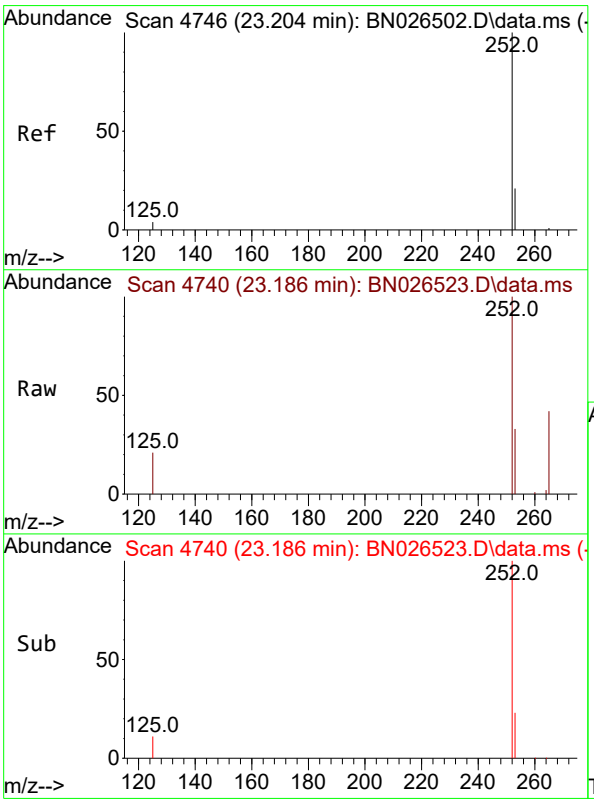
#22
Chrysene
Concen: 0.299 ng/ul
RT: 21.546 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

Instrument :
BNA_N
ClientSampleId :
A46J6

Tgt Ion:228 Resp: 13486

Ion	Ratio	Lower	Upper
228	100		
226	32.2	25.2	37.8
229	22.4	16.4	24.6

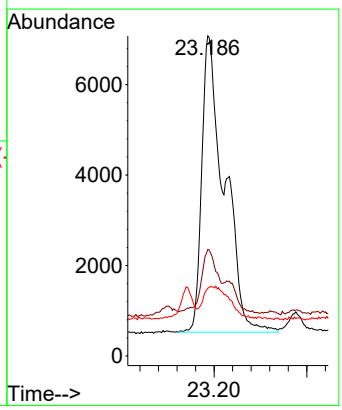


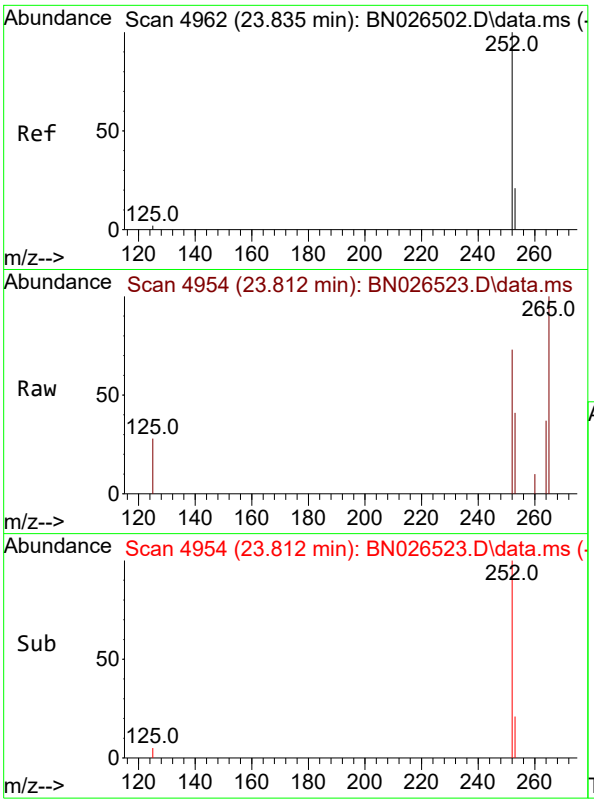


#24
Benzo(b)fluoranthene
Concen: 0.587 ng/ul
RT: 23.186 min Scan# 4740
Delta R.T. -0.018 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

Tgt Ion:252 Resp: 22149

Ion	Ratio	Lower	Upper
252	100		
253	33.3	0.0	68.6
125	21.2	0.0	34.0



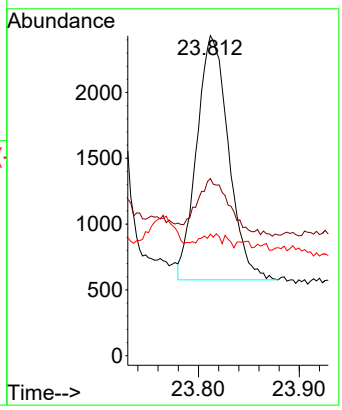


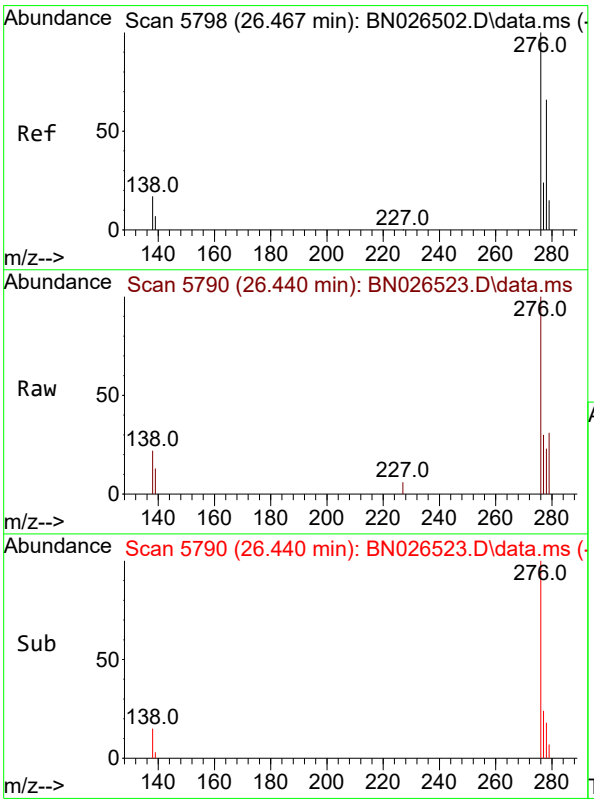
#26
Benzo(a)pyrene
Concen: 0.121 ng/ul
RT: 23.812 min Scan# 4
Delta R.T. -0.023 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

Instrument :
BNA_N
ClientSampleId :
A46J6

Tgt Ion:252 Resp: 4064

Ion	Ratio	Lower	Upper
252	100		
253	55.3	32.6	49.0#
125	38.0	19.3	28.9#

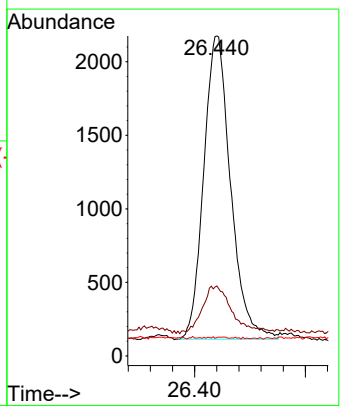


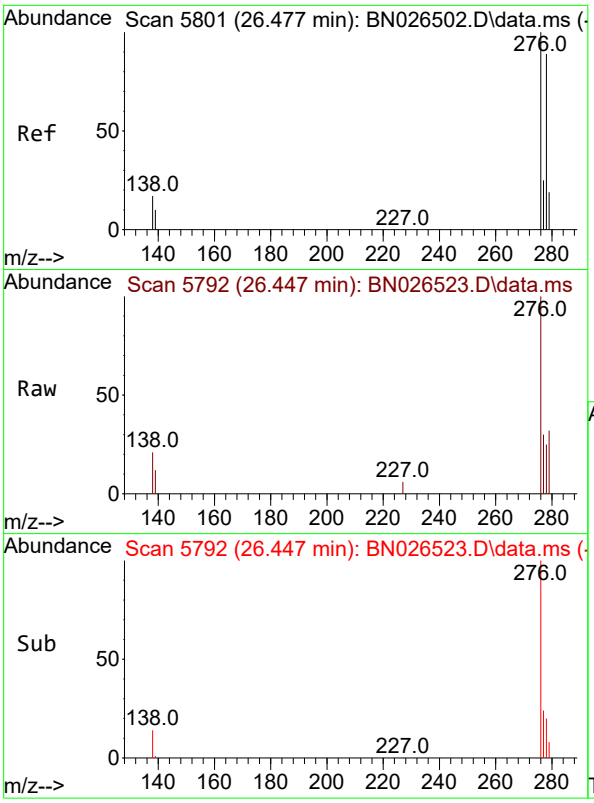


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.158 ng/ul
RT: 26.440 min Scan# 5790
Delta R.T. -0.027 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

Tgt Ion:276 Resp: 6956

Ion	Ratio	Lower	Upper
276	100		
138	17.8	22.2	33.4#
227	0.2	0.1	0.1#



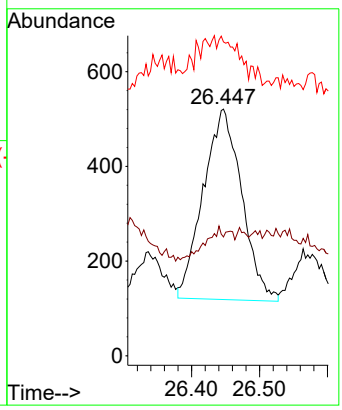


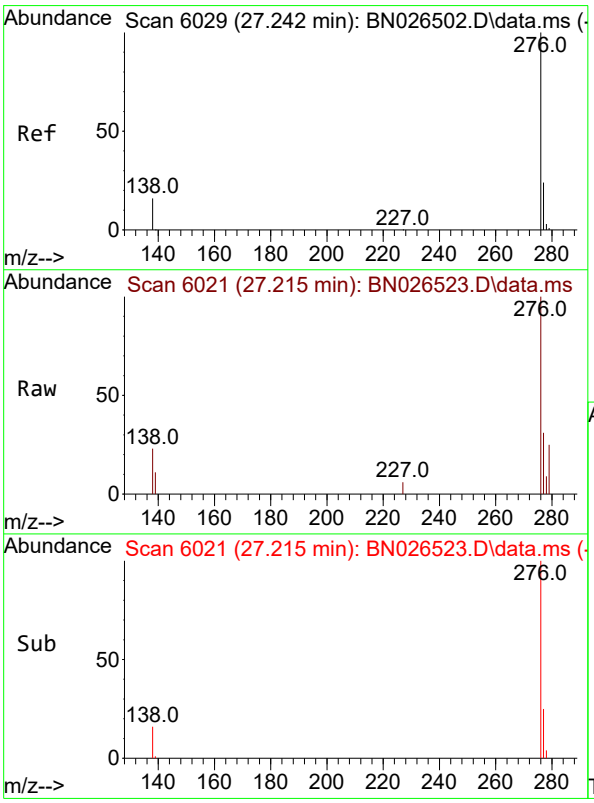
#28
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 26.447 min Scan# 5
Delta R.T. -0.030 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

Instrument :
BNA_N
ClientSampleId :
A46J6

Tgt Ion:278 Resp: 1582

Ion	Ratio	Lower	Upper
278	100		
139	48.2	18.9	28.3#
279	127.3	31.3	46.9#





#29
Benzo(g,h,i)perylene
Concen: 0.181 ng/ul
RT: 27.215 min Scan# 6021
Delta R.T. -0.027 min
Lab File: BN026523.D
Acq: 15 Jul 2023 22:00

Tgt Ion:276 Resp: 7036

Ion	Ratio	Lower	Upper
276	100		
138	23.1	22.6	34.0
277	30.9	21.8	32.8