Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026465.D
Acq On : 11 Jul 2023 16:31
Operator : MA/JU
Sample : 03414-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 12 02:12:38 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 : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	3548	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.721	136	12436	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.561	164	7066	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.313	188	12587	0.400	ng/ul	-0.01
17) Chrysene-d12	21.517	240	7687	0.400	ng/ul	0.00
23) Perylene-d12	23.952	264	9093	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	7088	1.774	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.321	152	2241	0.117	ng/ul	-0.01
18) Fluoranthene-d10	19.345	212	3917	0.134	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.770	128	10113	0.284	ng/ul	97
7) 2-Methylnaphthalene	12.392	142	681	0.030	ng/ul	100
10) Acenaphthylene	14.279	152	1013	0.031	ng/ul#	60
12) Fluorene	15.611	166	641	0.021	ng/ul#	91
15) Phenanthrene	17.351	178	8663	0.208	ng/ul	97
16) Anthracene	17.444	178	2212	0.060	ng/ul#	78
19) Fluoranthene	19.373	202	12448	0.303	ng/ul	99
20) Pyrene	19.735	202	11517	0.270	ng/ul#	96
21) Benzo(a)anthracene	21.502	228	4051	0.128	ng/ul#	88
22) Chrysene	21.552	228	3720	0.113	ng/ul#	89
24) Benzo(b)fluoranthene	23.212	252	7256	0.187	ng/ul#	39
25) Benzo(k)fluoranthene	23.212	252	5555	0.143	ng/ul#	42
26) Benzo(a)pyrene	23.844	252	2149	0.064	ng/ul#	19
27) Indeno(1,2,3-cd)pyrene	26.517	276	2259	0.061	ng/ul#	86
28) Dibenzo(a,h)anthracene	26.517	278	823	0.030	ng/ul#	1

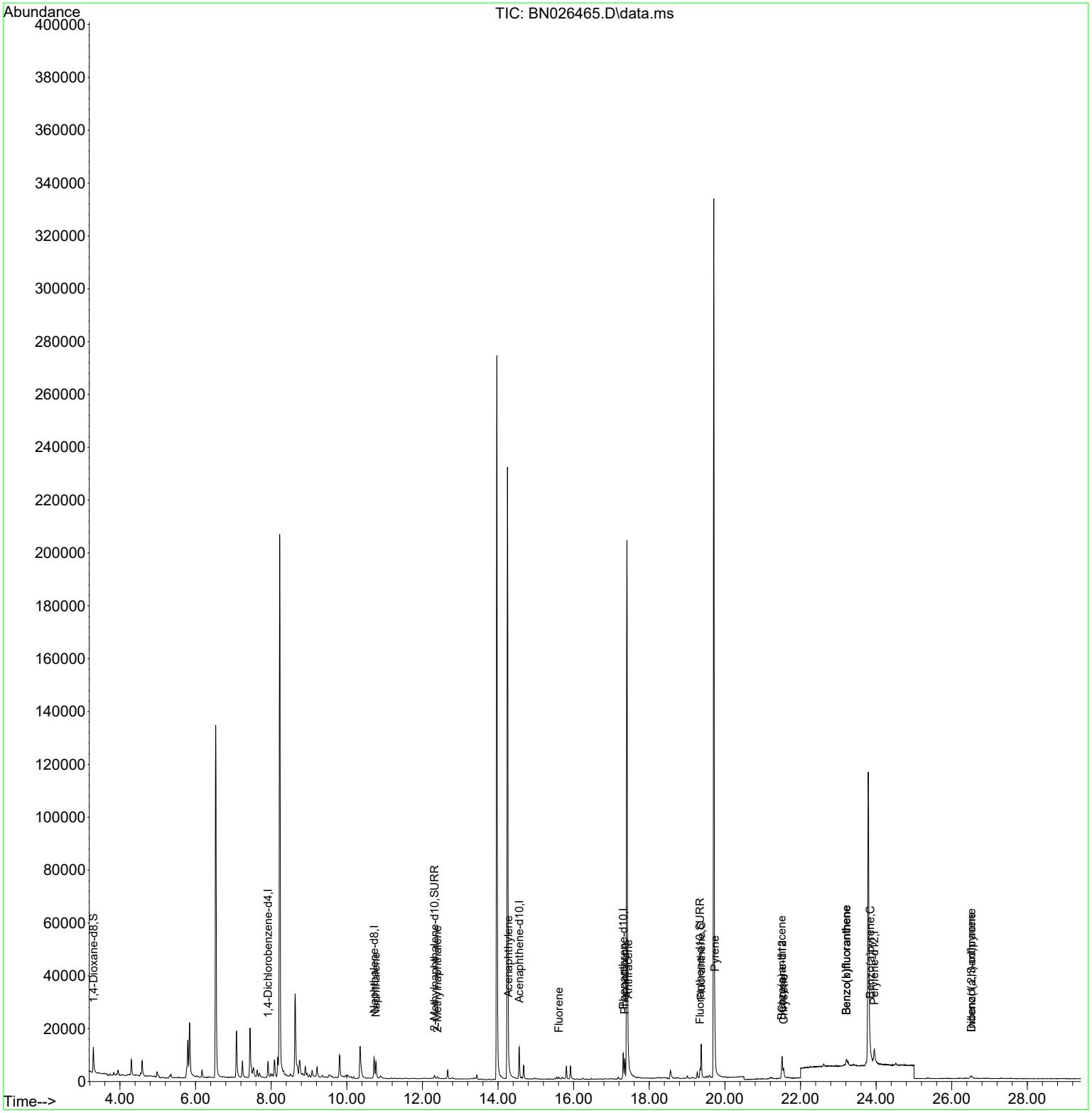
(#) = qualifier out of range (m) = manual integration (+) = signals summed

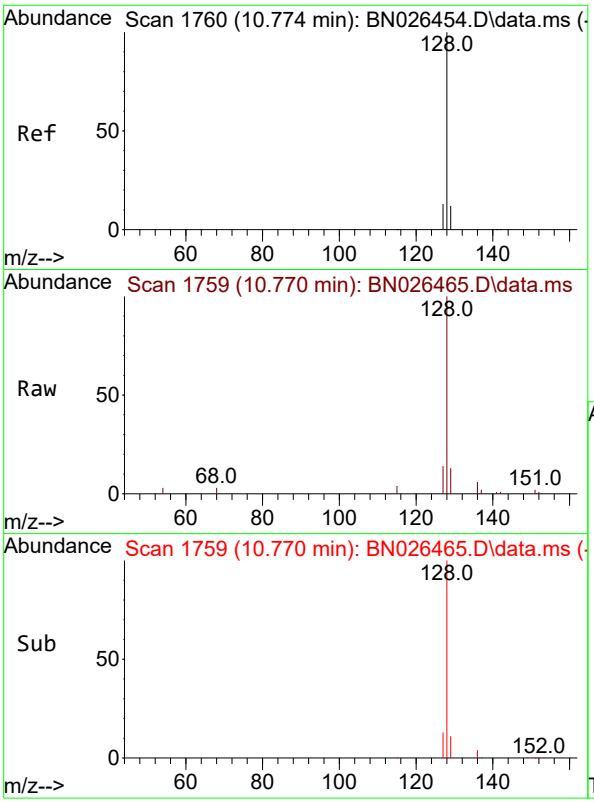
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026465.D
Acq On : 11 Jul 2023 16:31
Operator : MA/JU
Sample : 03414-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 12 02:12:38 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 : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration



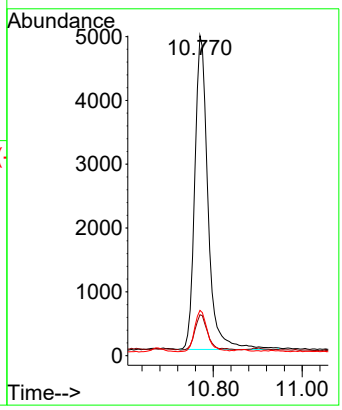


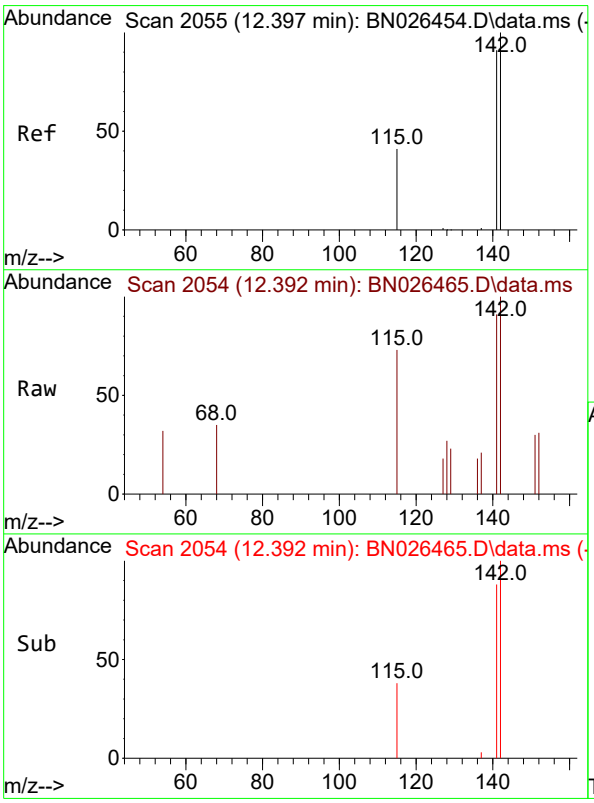
#5
Naphthalene
Concen: 0.284 ng/ul
RT: 10.770 min Scan# 1
Delta R.T. -0.017 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:128 Resp: 10113

Ion	Ratio	Lower	Upper
128	100		
129	12.8	9.1	13.7
127	14.2	10.7	16.1

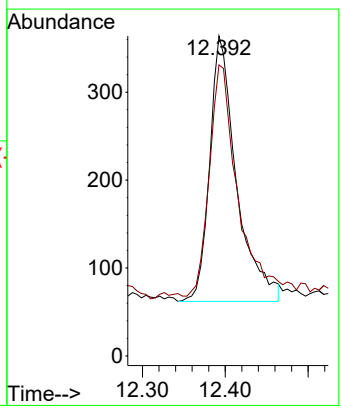


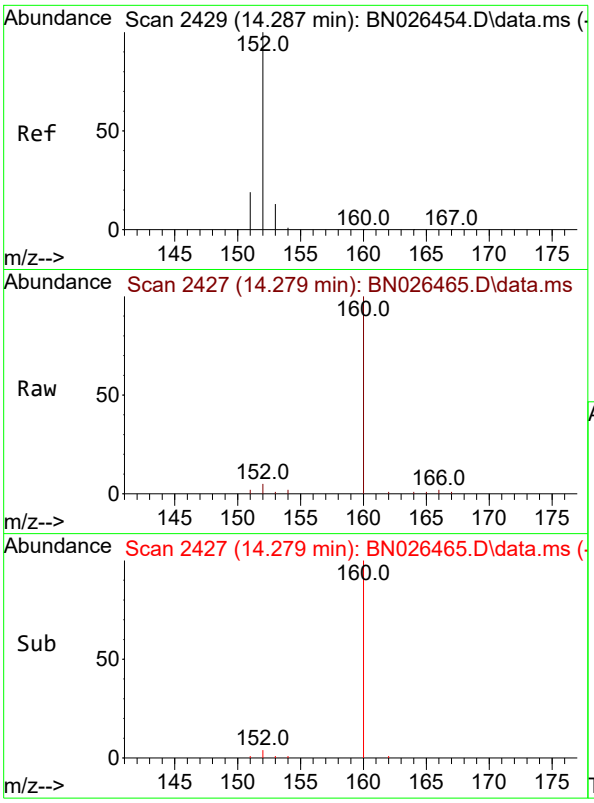


#7
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.392 min Scan# 2054
Delta R.T. -0.011 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Tgt Ion:142 Resp: 681

Ion	Ratio	Lower	Upper
142	100		
141	90.3	71.9	107.9



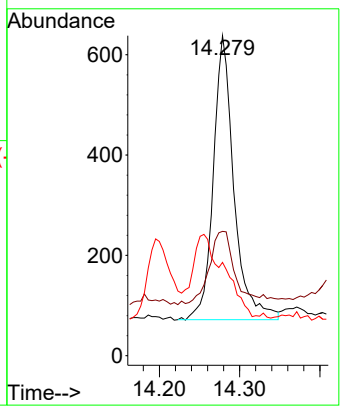


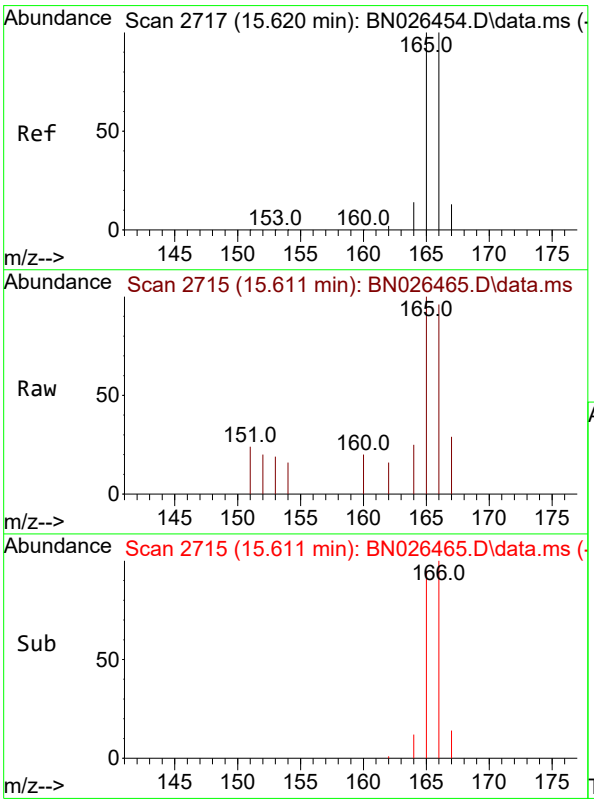
#10
Acenaphthylene
Concen: 0.031 ng/ul
RT: 14.279 min Scan# 24
Delta R.T. -0.014 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1013

Ion	Ratio	Lower	Upper
152	100		
151	38.9	16.2	24.4#
153	29.2	10.9	16.3#

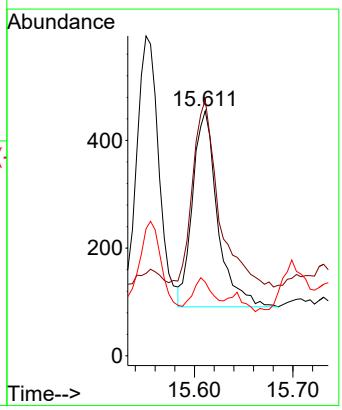


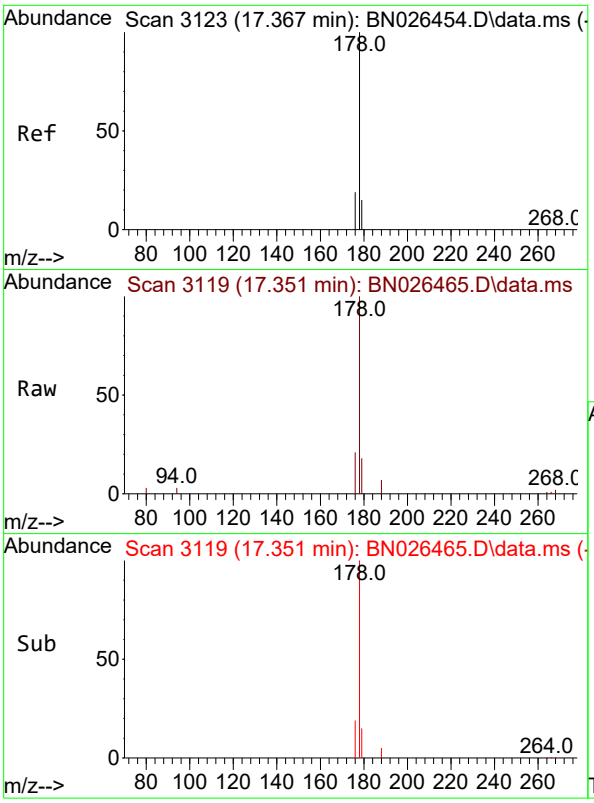


#12
Fluorene
Concen: 0.021 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. -0.014 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Tgt Ion:166 Resp: 641

Ion	Ratio	Lower	Upper
166	100		
165	104.6	79.9	119.9
167	30.1	10.8	16.2#



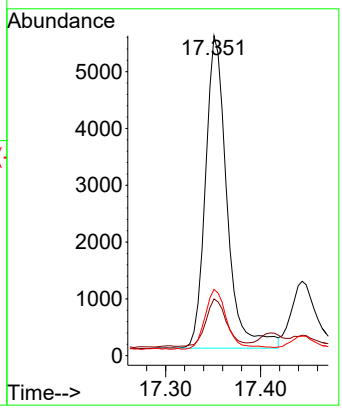


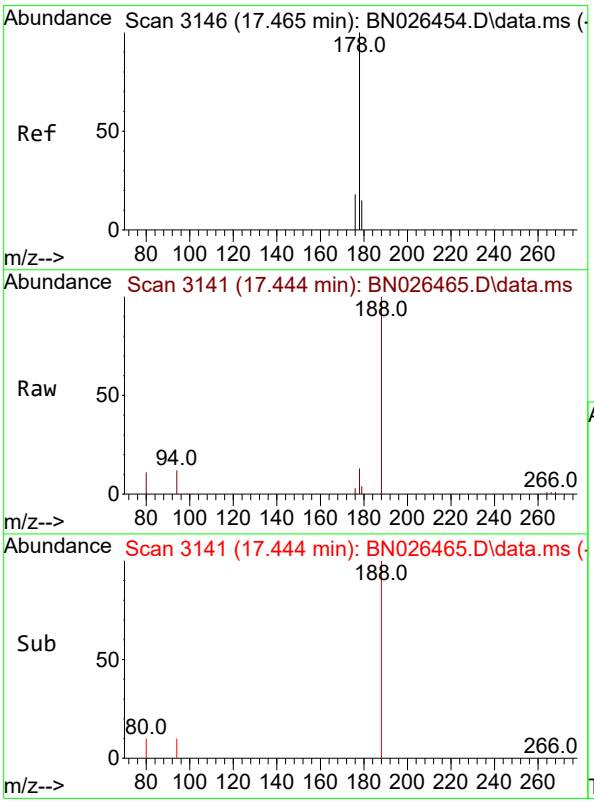
#15
Phenanthrene
Concen: 0.208 ng/ul
RT: 17.351 min Scan# 3
Delta R.T. -0.017 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 8663

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.6	19.0
176	20.7	15.8	23.6

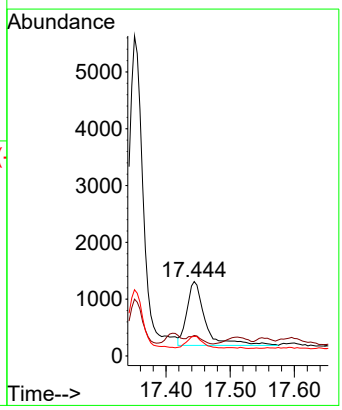


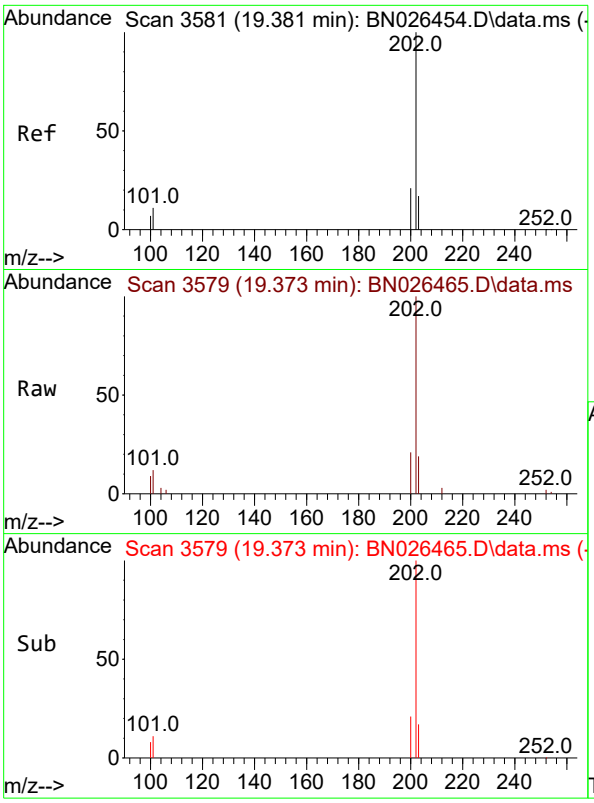


#16
Anthracene
Concen: 0.060 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. -0.021 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Tgt Ion:178 Resp: 2212

Ion	Ratio	Lower	Upper
178	100		
179	27.7	12.6	18.8#
176	26.3	15.1	22.7#



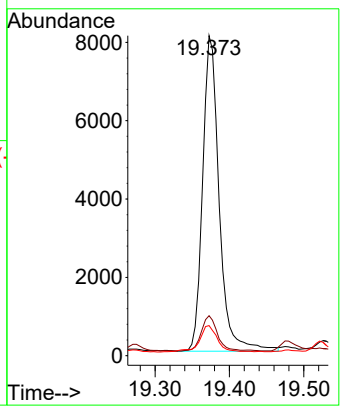


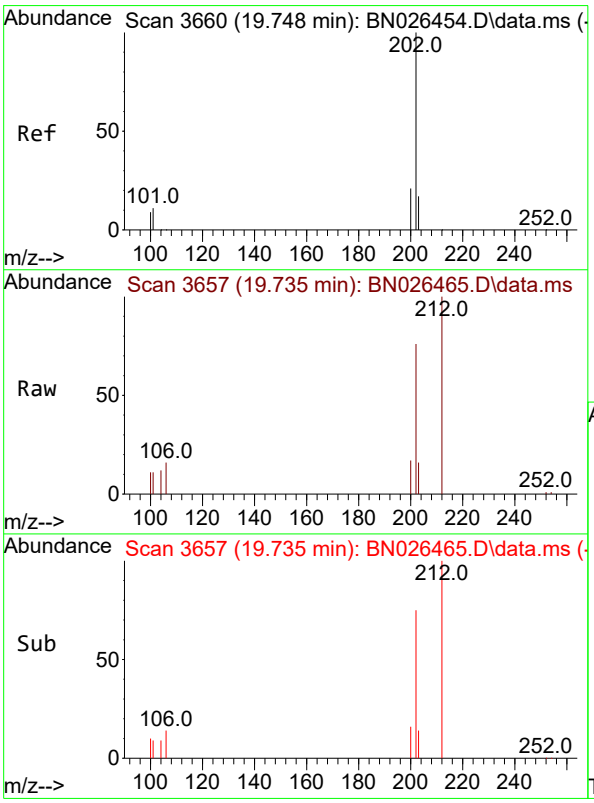
#19
Fluoranthene
Concen: 0.303 ng/ul
RT: 19.373 min Scan# 3
Delta R.T. -0.014 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 12448

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.5	14.3
100	9.4	7.3	10.9

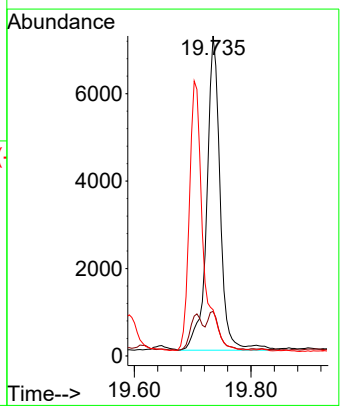


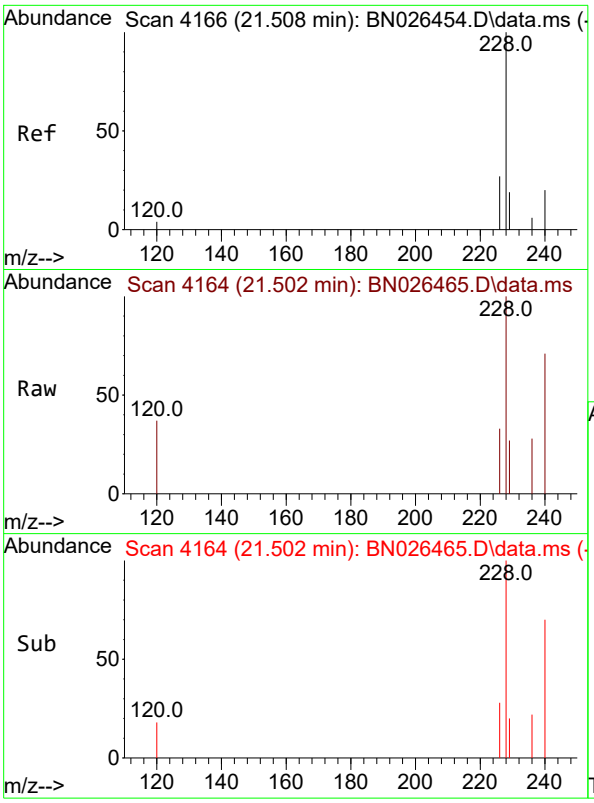


#20
Pyrene
Concen: 0.270 ng/ul
RT: 19.735 min Scan# 3657
Delta R.T. -0.014 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Tgt Ion:202 Resp: 11517

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.4	17.0
100	14.4	9.1	13.7#



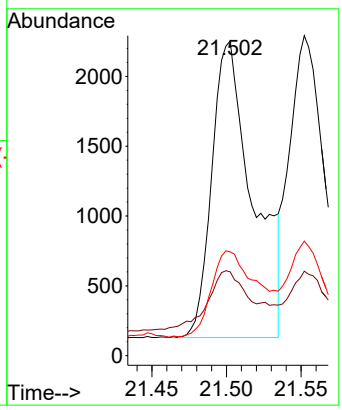


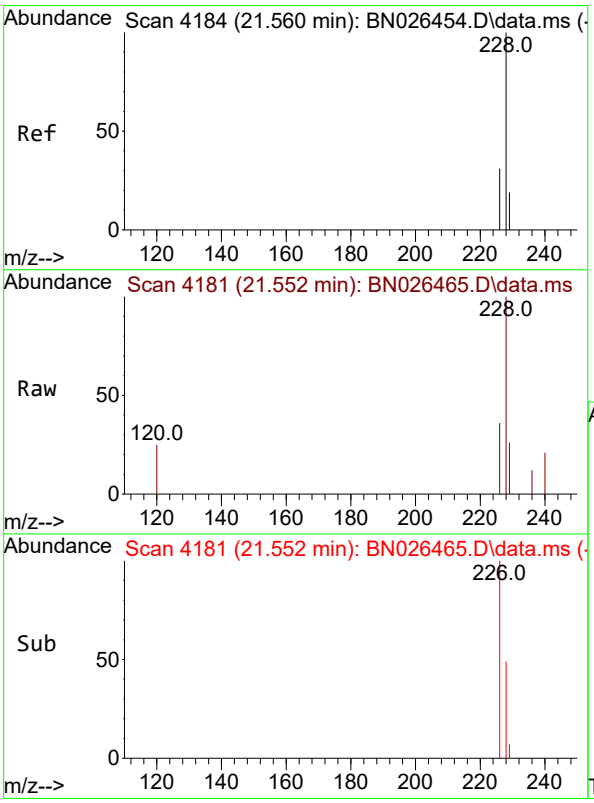
#21
Benzo(a)anthracene
Concen: 0.128 ng/ul
RT: 21.502 min Scan# 4
Delta R.T. 0.003 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 4051

Ion	Ratio	Lower	Upper
228	100		
229	26.6	15.8	23.6#
226	33.0	22.5	33.7

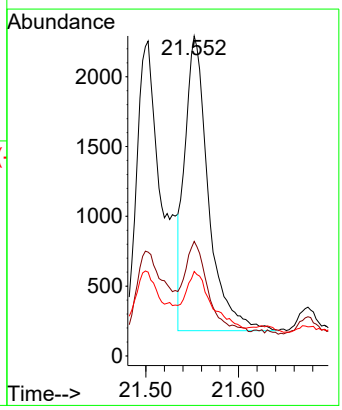


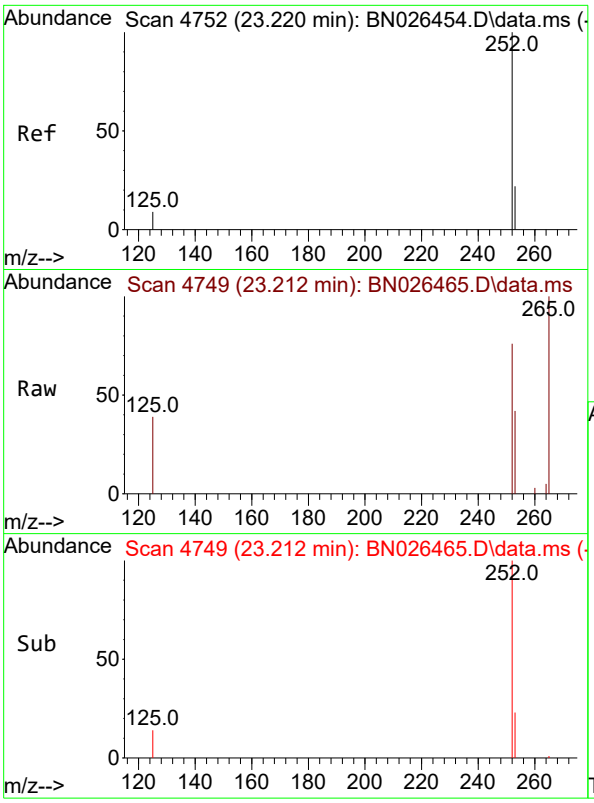


#22
Chrysene
Concen: 0.113 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. -0.000 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Tgt Ion:228 Resp: 3720

Ion	Ratio	Lower	Upper
228	100		
226	35.8	24.8	37.2
229	26.4	15.7	23.5#



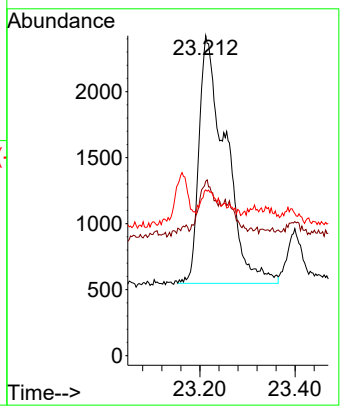


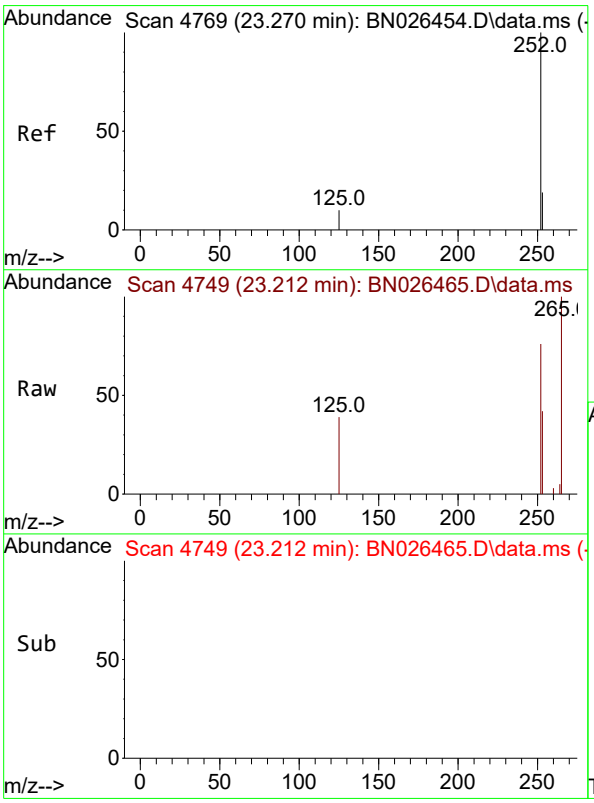
#24
Benzo(b)fluoranthene
Concen: 0.187 ng/ul
RT: 23.212 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7256

Ion	Ratio	Lower	Upper
252	100		
253	54.5	0.0	55.6
125	51.8	0.0	35.8#

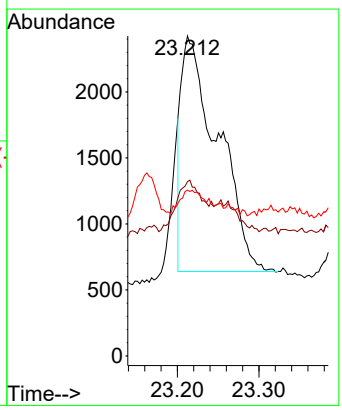


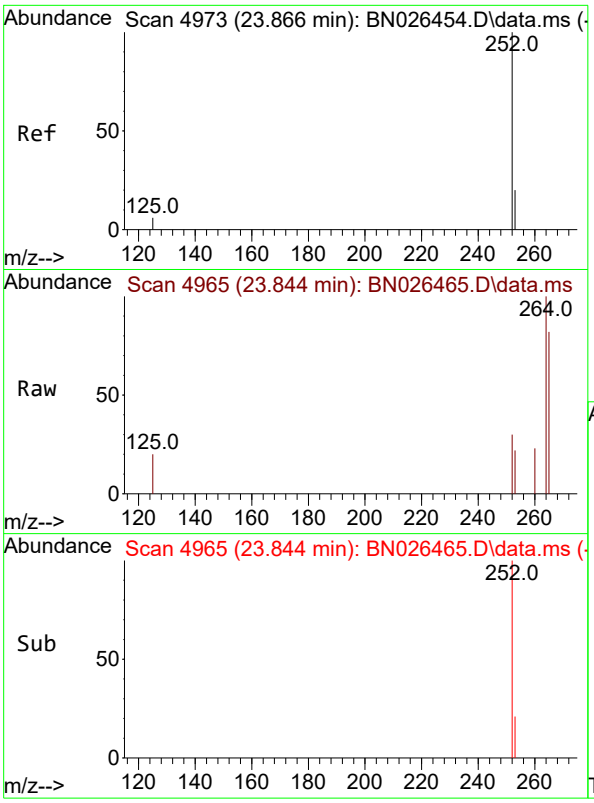


#25
Benzo(k)fluoranthene
Concen: 0.143 ng/ul
RT: 23.212 min Scan# 4749
Delta R.T. -0.050 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Tgt Ion:252 Resp: 5555

Ion	Ratio	Lower	Upper
252	100		
253	54.5	23.2	34.8#
125	51.8	15.0	22.4#



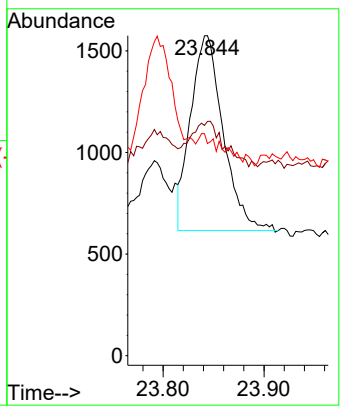


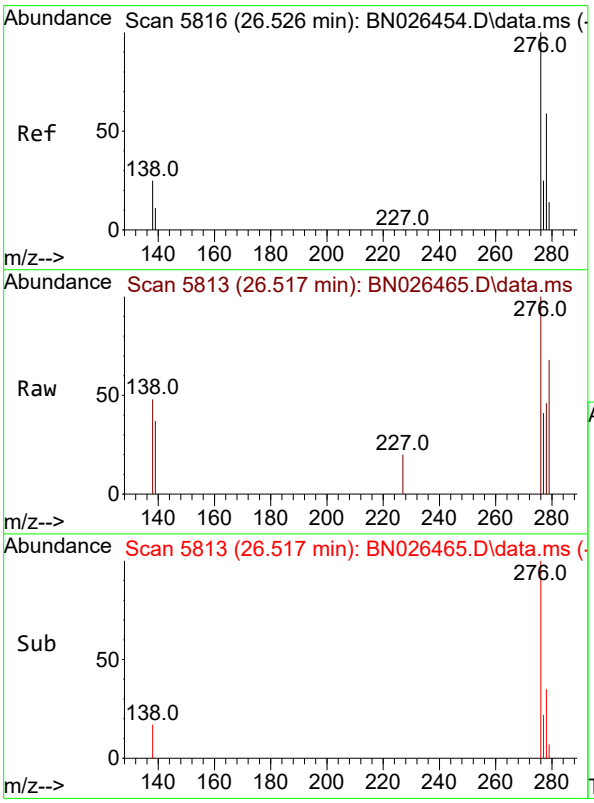
#26
Benzo(a)pyrene
Concen: 0.064 ng/ul
RT: 23.844 min Scan# 4
Delta R.T. -0.026 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 2149

Ion	Ratio	Lower	Upper
252	100		
253	73.2	26.0	39.0#
125	66.3	17.3	25.9#

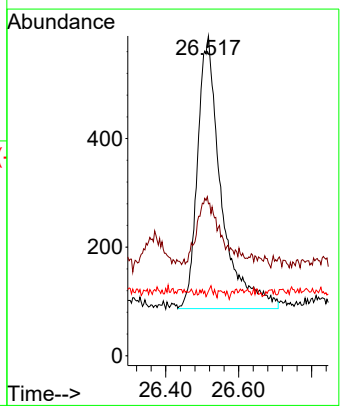


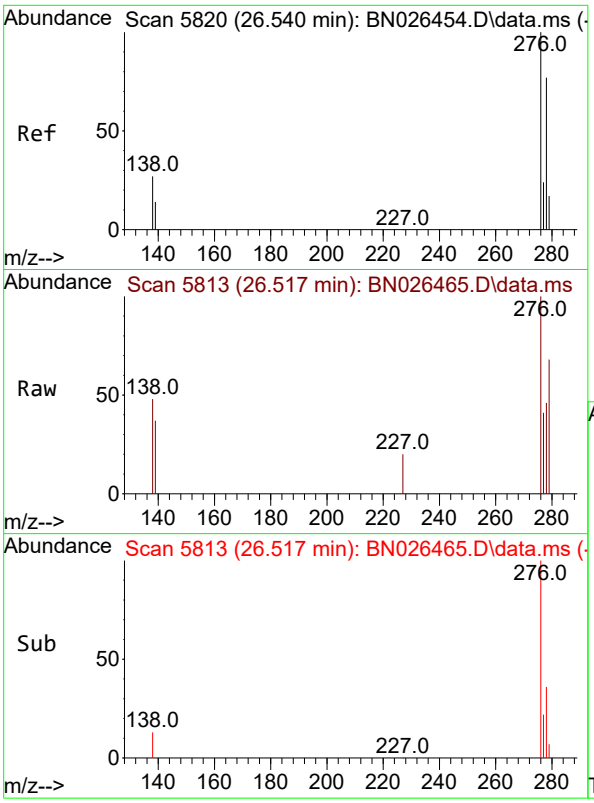


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.061 ng/ul
RT: 26.517 min Scan# 5813
Delta R.T. -0.024 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Tgt Ion:276 Resp: 2259

Ion	Ratio	Lower	Upper
276	100		
138	22.7	24.5	36.7#
227	0.9	0.0	0.0#





#28
Dibenzo(a,h)anthracene
Concen: 0.030 ng/ul
RT: 26.517 min Scan# 5
Delta R.T. -0.044 min
Lab File: BN026465.D
Acq: 11 Jul 2023 16:31

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 823

Ion	Ratio	Lower	Upper
278	100		
139	78.8	19.0	28.4#
279	147.3	26.7	40.1#