Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026688.D
Acq On : 23 Jul 2023 22:36
Operator : MA/JU
Sample : 03472-22DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 24 00:43:25 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 24 00:39:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.828	152	3596	0.400	ng/ul	0.00
4) Naphthalene-d8	10.625	136	16012	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.467	164	9552	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.215	188	21509	0.400	ng/ul	0.00
17) Chrysene-d12	21.408	240	10800	0.400	ng/ul	0.00
23) Perylene-d12	23.775	264	11845	0.400	ng/ul	#-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.199	96	2552	0.539	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.231	152	1466	0.067	ng/ul	0.01
18) Fluoranthene-d10	19.246	212	3216	0.086	ng/ul	0.00
Target Compounds						Qvalue
10) Acenaphthylene	14.185	152	1030	0.022	ng/ul#	66
11) Acenaphthene	14.583	153	50256	1.410	ng/ul#	1
12) Fluorene	15.513	166	1108	0.030	ng/ul#	92
15) Phenanthrene	17.253	178	12517	0.183	ng/ul	100
16) Anthracene	17.346	178	1757	0.030	ng/ul#	87
19) Fluoranthene	19.278	202	20686	0.409	ng/ul	98
20) Pyrene	19.636	202	20238	0.368	ng/ul#	94
21) Benzo(a)anthracene	21.393	228	8799	0.222	ng/ul#	91
22) Chrysene	21.446	228	8266	0.183	ng/ul#	92
24) Benzo(b)fluoranthene	23.059	252	15860	0.344	ng/ul	87
26) Benzo(a)pyrene	23.670	252	7102	0.173	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.231	276	5666	0.105	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.231	278	1379	0.033	ng/ul#	1
29) Benzo(g,h,i)perylene	26.989	276	6149	0.129	ng/ul#	89

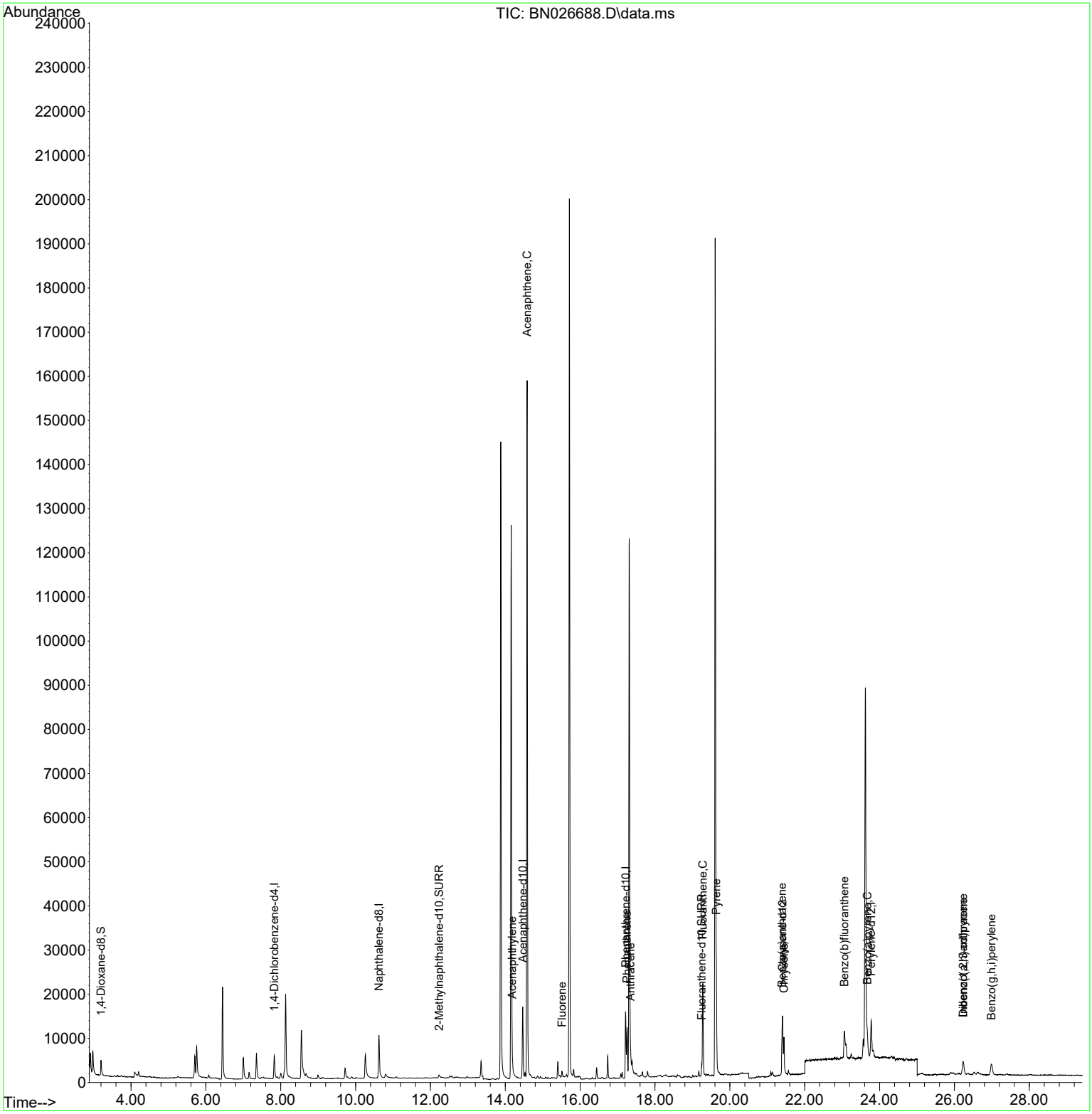
(#) = qualifier out of range (m) = manual integration (+) = signals summed

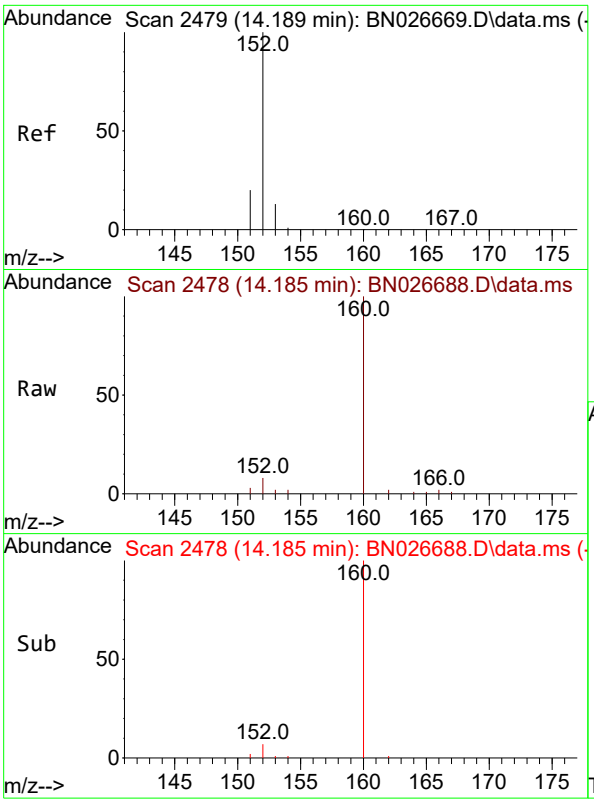
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072323\
Data File : BN026688.D
Acq On : 23 Jul 2023 22:36
Operator : MA/JU
Sample : 03472-22DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 24 00:43:25 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 24 00:39:11 2023
Response via : Initial Calibration



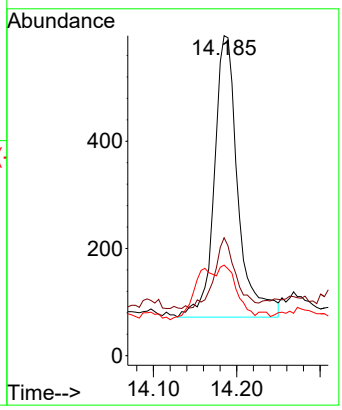


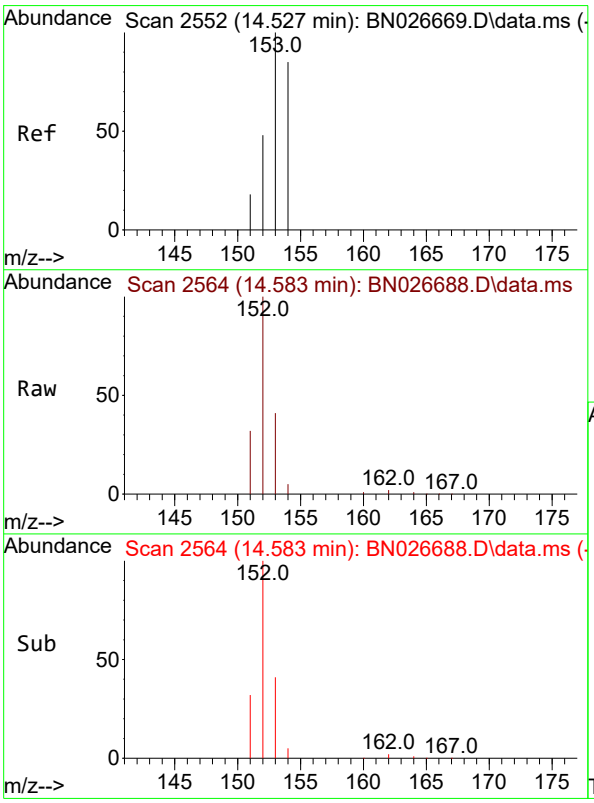
#10
Acenaphthylene
Concen: 0.022 ng/ul
RT: 14.185 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 1030

Ion	Ratio	Lower	Upper
152	100		
151	36.9	17.0	25.6#
153	28.3	11.4	17.2#

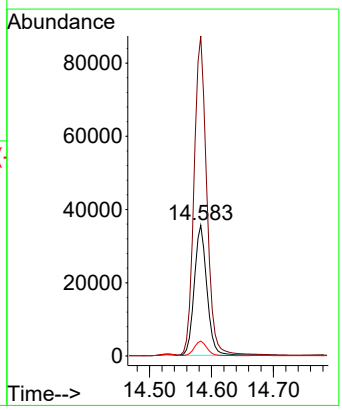


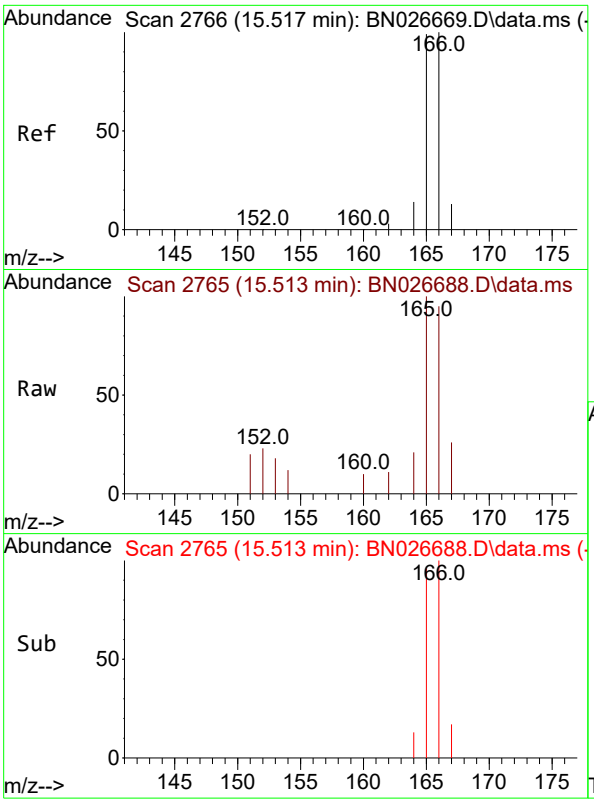


#11
Acenaphthene
Concen: 1.410 ng/ul
RT: 14.583 min Scan# 2564
Delta R.T. 0.056 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Tgt Ion:153 Resp: 50256

Ion	Ratio	Lower	Upper
153	100		
152	244.7	40.2	60.4#
154	11.4	69.3	103.9#



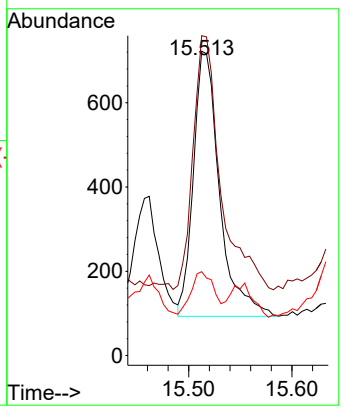


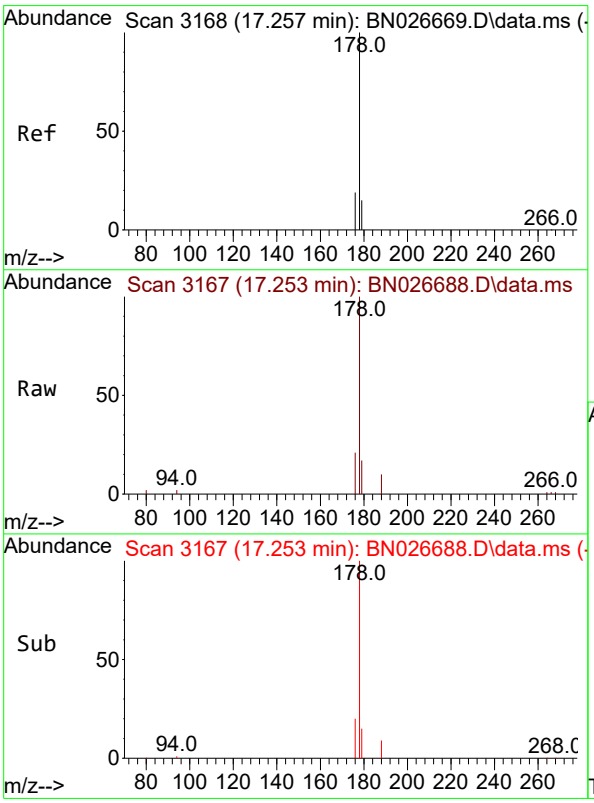
#12
Fluorene
Concen: 0.030 ng/ul
RT: 15.513 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 1108

Ion	Ratio	Lower	Upper
166	100		
165	105.1	80.6	120.8
167	27.6	12.0	18.0#

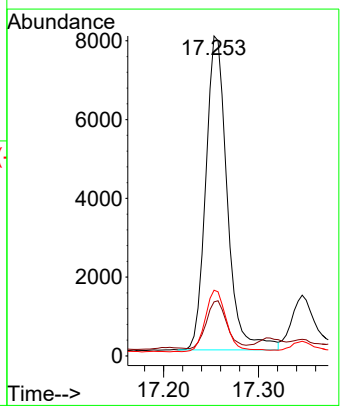


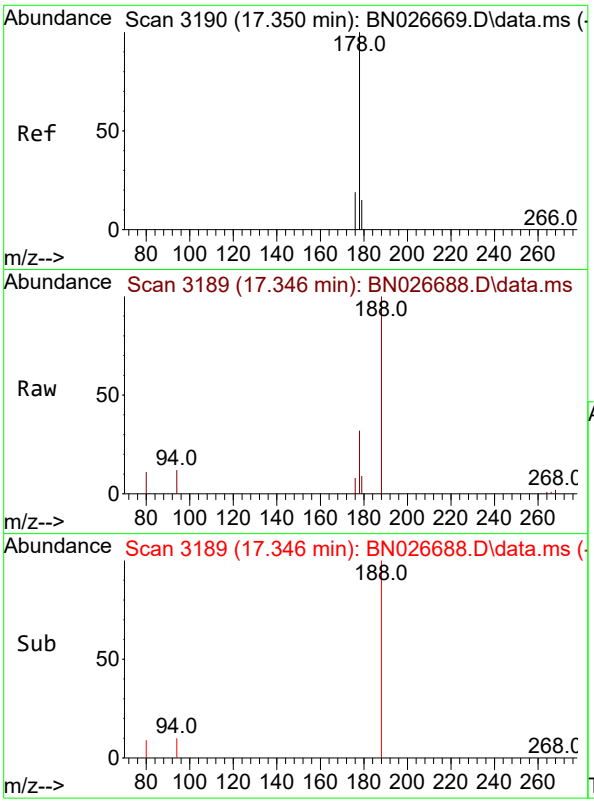


#15
Phenanthrene
Concen: 0.183 ng/ul
RT: 17.253 min Scan# 3167
Delta R.T. -0.004 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Tgt Ion:178 Resp: 12517

Ion	Ratio	Lower	Upper
178	100		
179	16.9	13.7	20.5
176	20.5	16.5	24.7



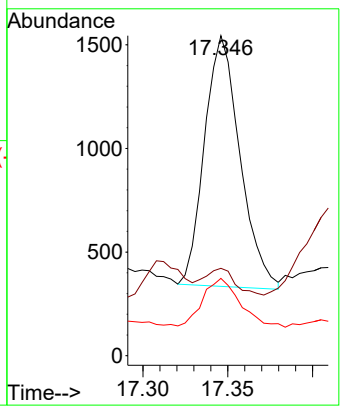


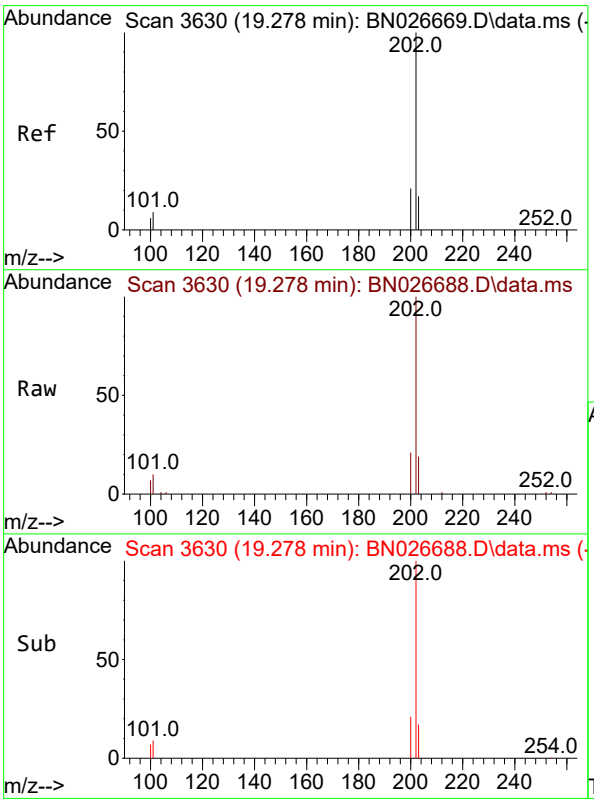
#16
Anthracene
Concen: 0.030 ng/ul
RT: 17.346 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 1757

Ion	Ratio	Lower	Upper
178	100		
179	27.3	14.8	22.2#
176	24.2	16.6	25.0

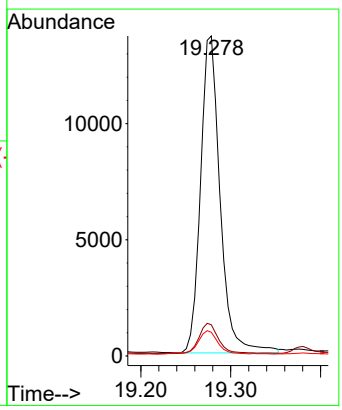


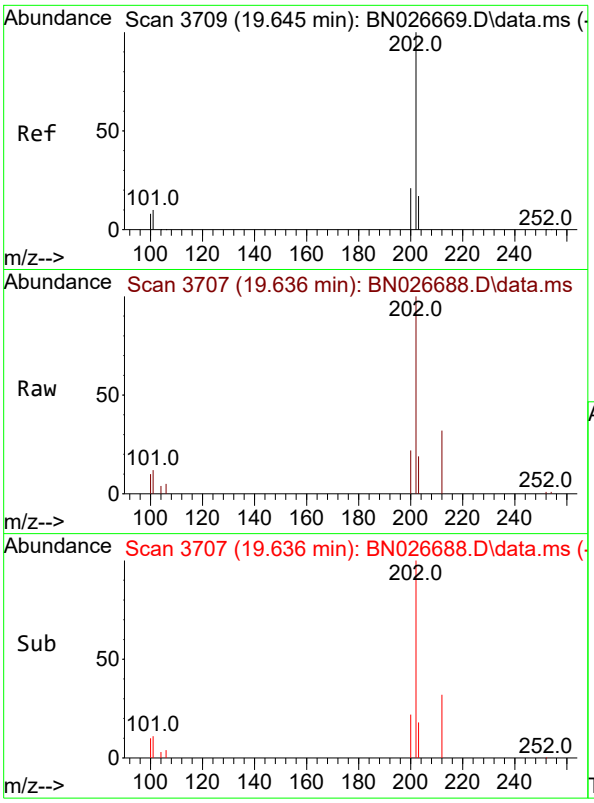


#19
Fluoranthene
Concen: 0.409 ng/ul
RT: 19.278 min Scan# 3630
Delta R.T. 0.000 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Tgt Ion:202 Resp: 20686

Ion	Ratio	Lower	Upper
202	100		
101	9.8	7.0	10.4
100	7.4	6.0	9.0



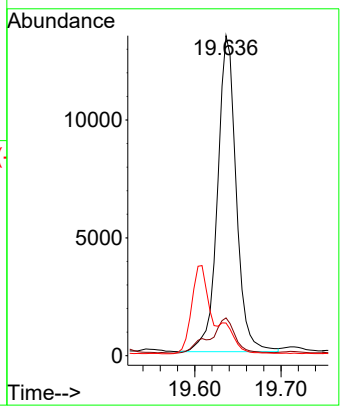


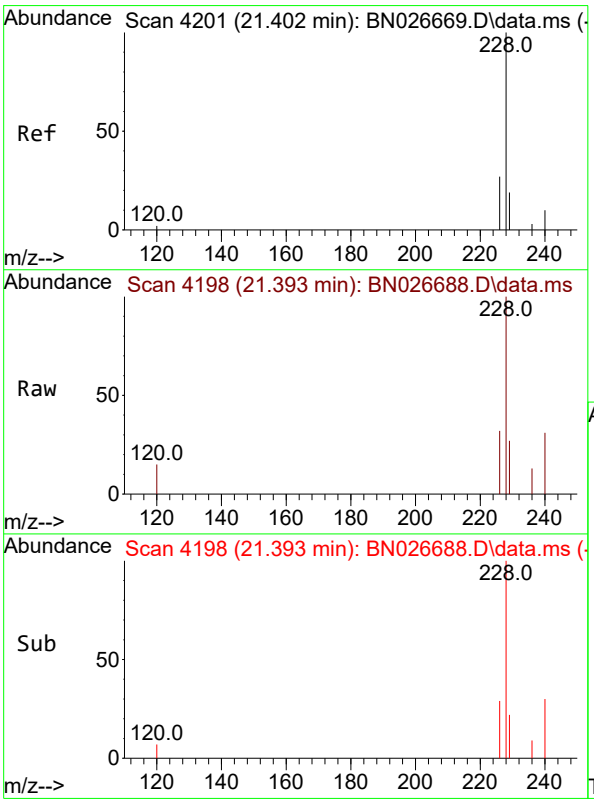
#20
Pyrene
Concen: 0.368 ng/ul
RT: 19.636 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 20238

Ion	Ratio	Lower	Upper
202	100		
101	11.8	8.0	12.0
100	10.2	6.2	9.2#

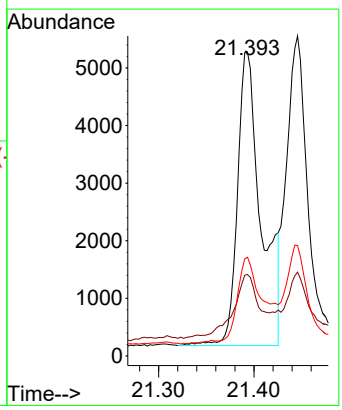


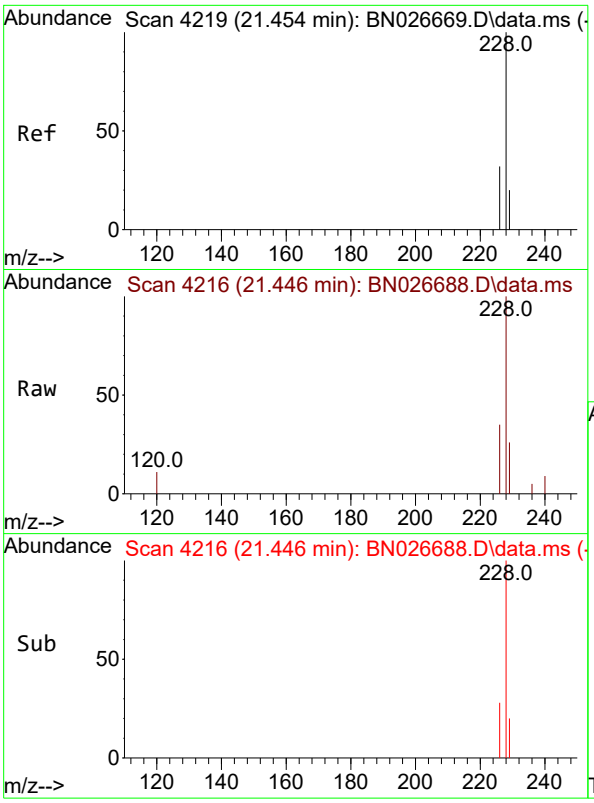


#21
Benzo(a)anthracene
Concen: 0.222 ng/ul
RT: 21.393 min Scan# 4198
Delta R.T. -0.009 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Tgt Ion:228 Resp: 8799

Ion	Ratio	Lower	Upper
228	100		
229	26.8	16.7	25.1#
226	32.5	23.5	35.3



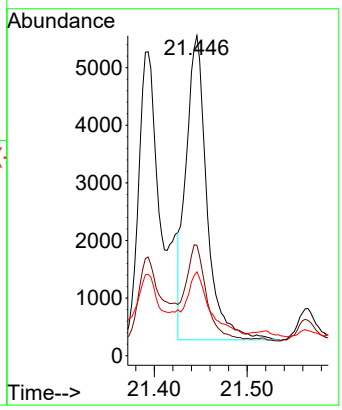


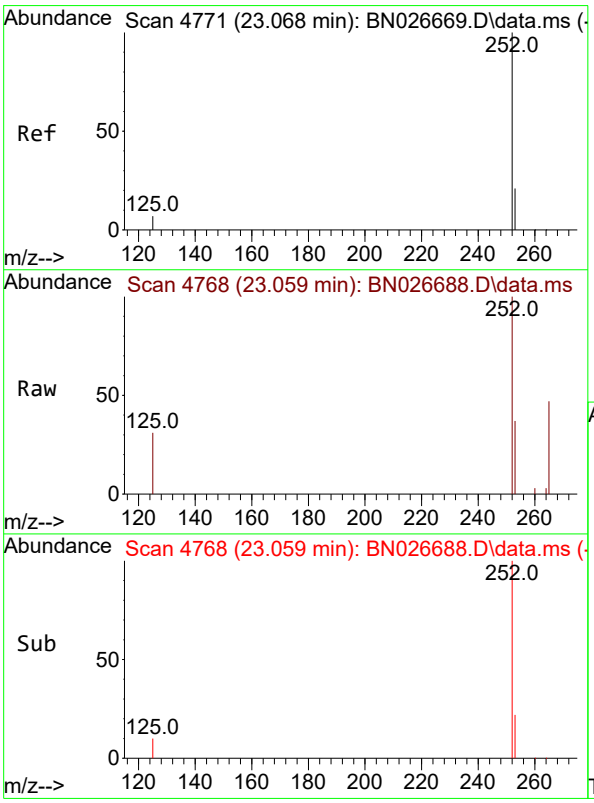
#22
Chrysene
Concen: 0.183 ng/ul
RT: 21.446 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8266

Ion	Ratio	Lower	Upper
228	100		
226	34.5	25.2	37.8
229	26.2	16.4	24.6#

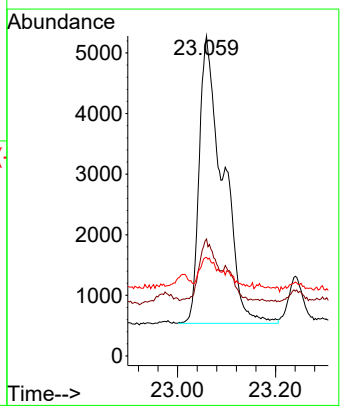


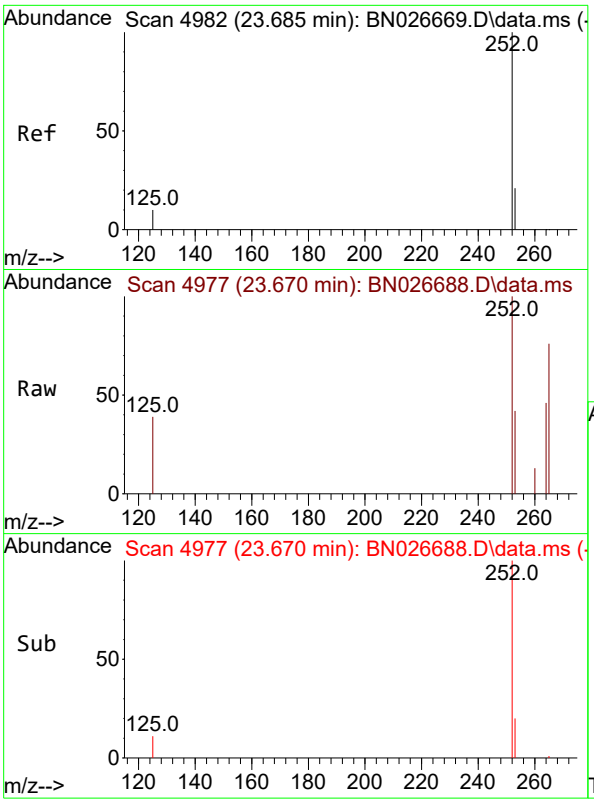


#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 23.059 min Scan# 4768
Delta R.T. -0.009 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Tgt Ion:252 Resp: 15860

Ion	Ratio	Lower	Upper
252	100		
253	36.6	0.0	68.6
125	30.8	0.0	34.0



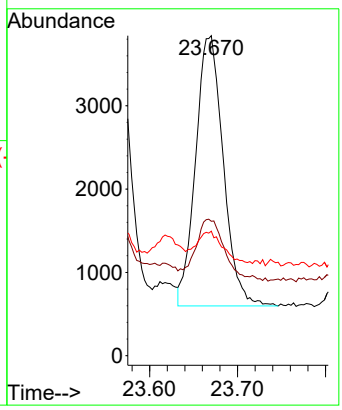


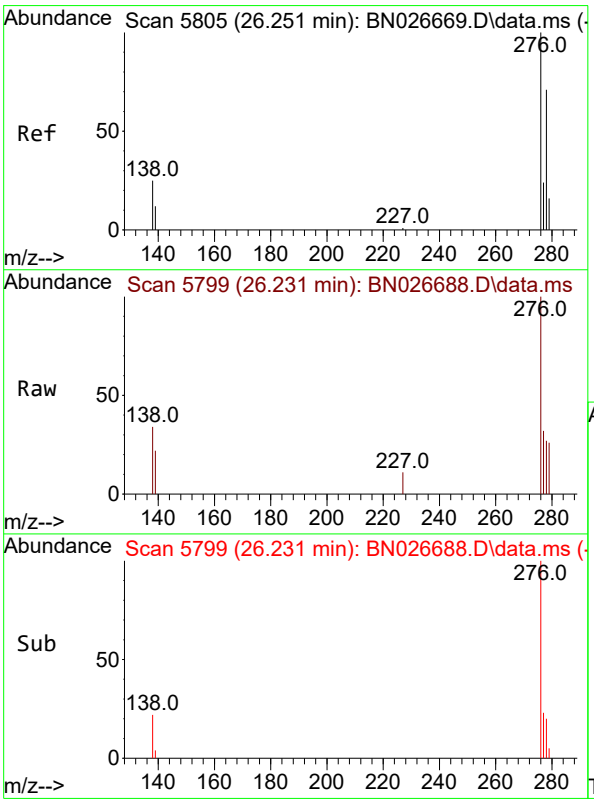
#26
Benzo(a)pyrene
Concen: 0.173 ng/ul
RT: 23.670 min Scan# 4
Delta R.T. -0.015 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 7102

Ion	Ratio	Lower	Upper
252	100		
253	42.0	32.6	49.0
125	38.9	19.3	28.9#

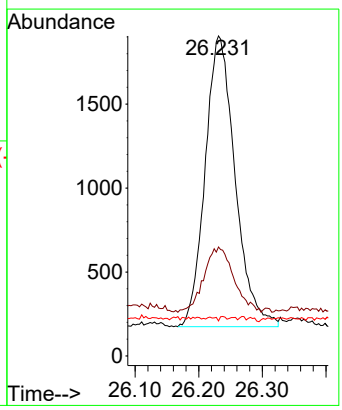


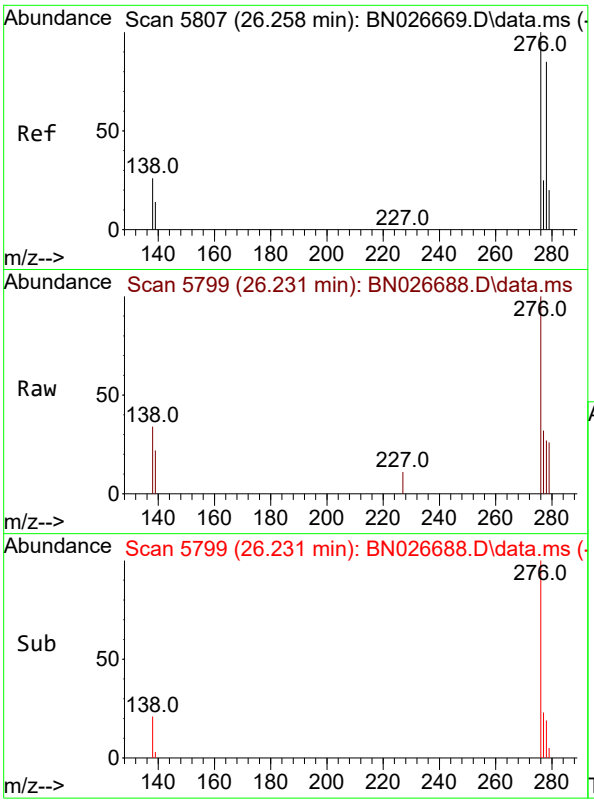


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.105 ng/ul
RT: 26.231 min Scan# 5799
Delta R.T. -0.020 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Tgt Ion:276 Resp: 5666

Ion	Ratio	Lower	Upper
276	100		
138	22.4	22.2	33.4
227	0.4	0.1	0.1#



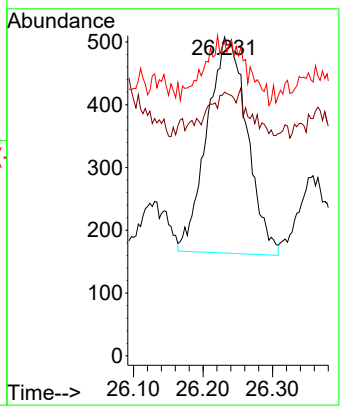


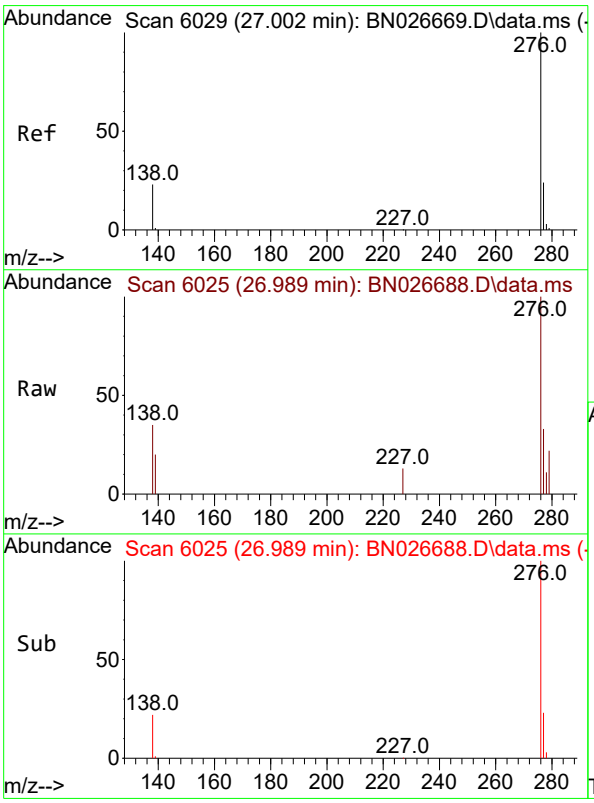
#28
Dibenzo(a,h)anthracene
Concen: 0.033 ng/ul
RT: 26.231 min Scan# 5
Delta R.T. -0.027 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 1379

Ion	Ratio	Lower	Upper
278	100		
139	82.7	18.9	28.3#
279	98.4	31.3	46.9#





#29
Benzo(g,h,i)perylene
Concen: 0.129 ng/ul
RT: 26.989 min Scan# 6025
Delta R.T. -0.013 min
Lab File: BN026688.D
Acq: 23 Jul 2023 22:36

Tgt Ion:276 Resp: 6149

Ion	Ratio	Lower	Upper
276	100		
138	34.8	22.6	34.0#
277	32.5	21.8	32.8