Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
Data File : BN023314.D
Acq On : 21 Dec 2022 14:36
Operator : CG/JU
Sample : N6003-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBYK6

Quant Time: Dec 22 03:20:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	4628	0.400	ng/ul	0.00
4) Naphthalene-d8	10.815	136	14841	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.645	164	8512	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.390	188	19255	0.400	ng/ul	0.00
17) Chrysene-d12	21.578	240	14582	0.400	ng/ul	0.00
23) Perylene-d12	24.025	264	10777	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.345	96	2880	0.573	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.399	152	8614	0.375	ng/ul	0.00
18) Fluoranthene-d10	19.420	212	24139	0.458	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.865	128	13910	0.319	ng/ul	99
7) 2-Methylnaphthalene	12.476	142	8862	0.318	ng/ul	100
10) Acenaphthylene	14.363	152	9030	0.239	ng/ul	99
12) Fluorene	15.691	166	14171	0.397	ng/ul	99
15) Phenanthrene	17.432	178	47715	0.761	ng/ul	99
19) Fluoranthene	19.448	202	39756	0.562	ng/ul	100
20) Pyrene	19.811	202	43396	0.609	ng/ul	99
21) Benzo(a)anthracene	21.560	228	21882	0.385	ng/ul	99
22) Chrysene	21.613	228	30406	0.527	ng/ul	100
24) Benzo(b)fluoranthene	23.273	252	21022	0.377	ng/ul	88
25) Benzo(k)fluoranthene	23.320	252	30719	0.587	ng/ul	98
27) Indeno(1,2,3-cd)pyrene	26.577	276	22330	0.434	ng/ul#	98
28) Dibenzo(a,h)anthracene	26.597	278	18526	0.464	ng/ul	99
29) Benzo(g,h,i)perylene	27.365	276	27877	0.664	ng/ul	99

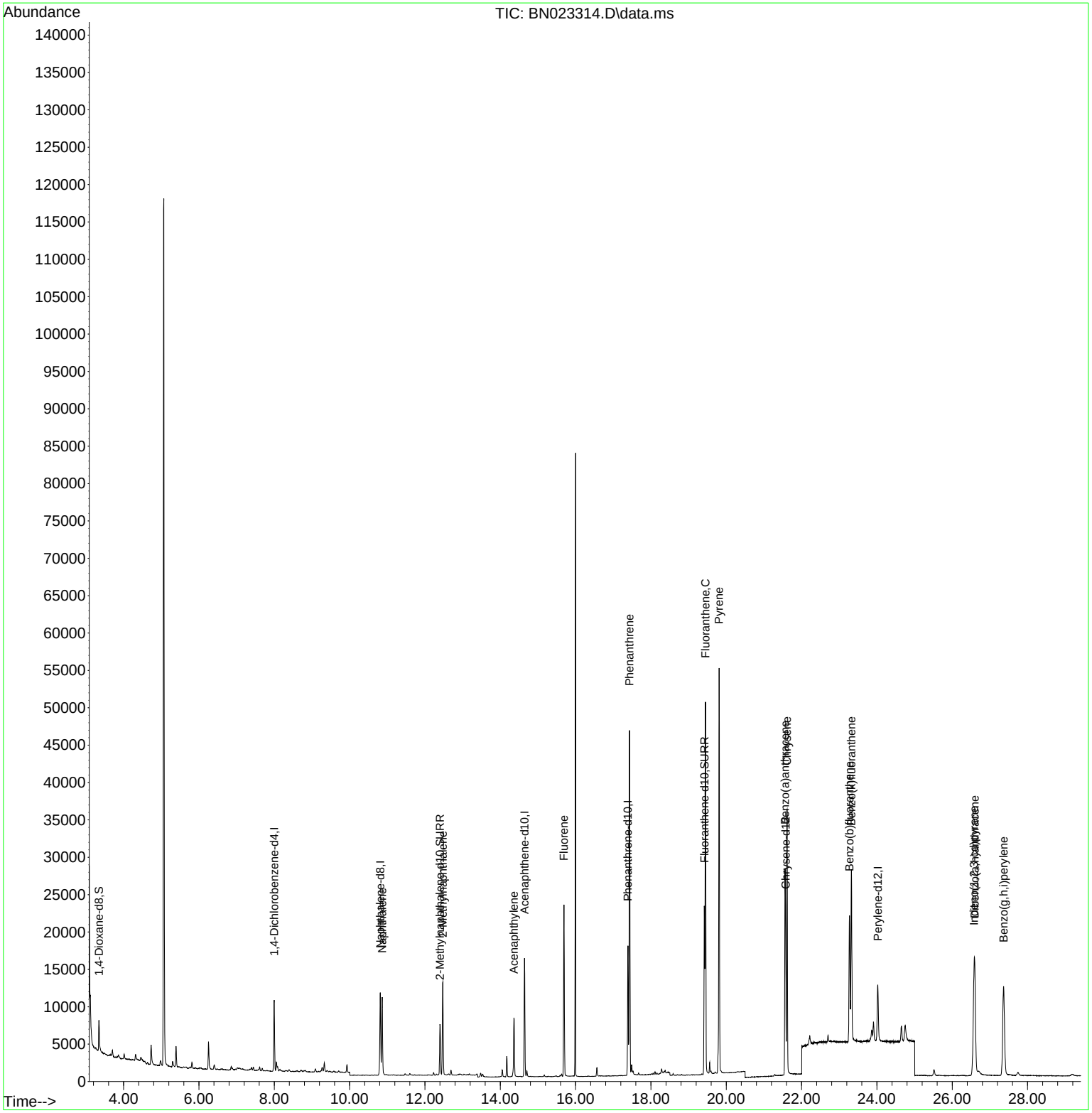
(#) = qualifier out of range (m) = manual integration (+) = signals summed

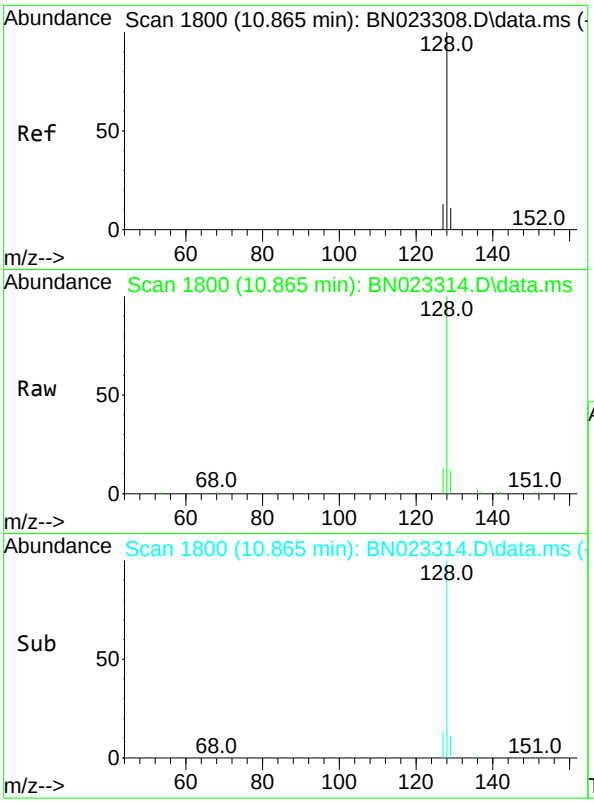
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122122\
Data File : BN023314.D
Acq On : 21 Dec 2022 14:36
Operator : CG/JU
Sample : N6003-07
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBYK6

Quant Time: Dec 22 03:20:30 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN122122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:28:40 2022
Response via : Initial Calibration



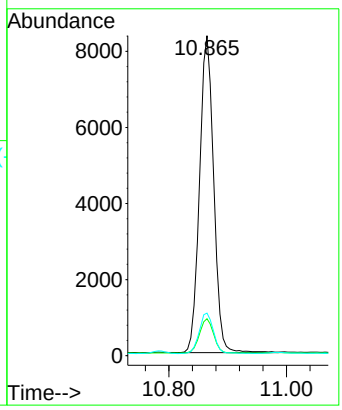


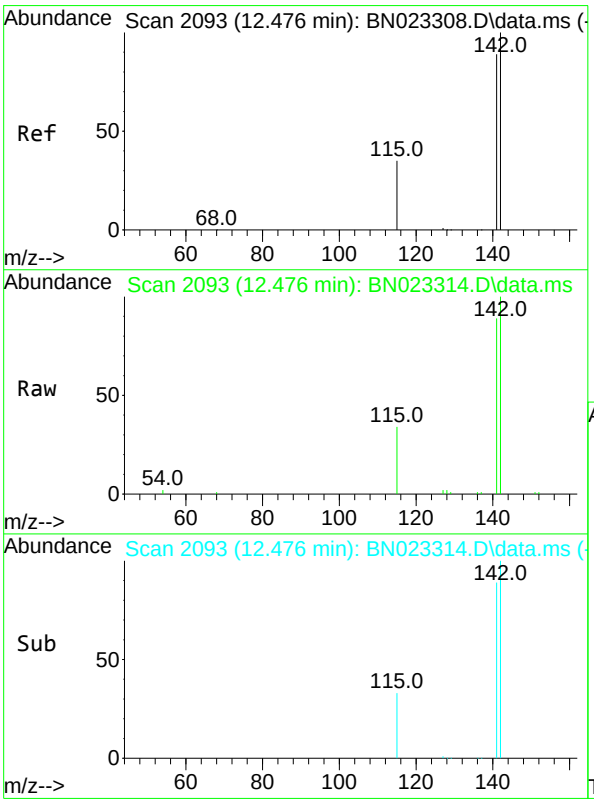
#5
Naphthalene
Concen: 0.319 ng/ul
RT: 10.865 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN023314.D
Acq: 21 Dec 2022 14:36

Instrument :
BNA_N
ClientSampleId :
DBYK6

Tgt Ion:128 Resp: 13910

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.4
127	13.3	10.7	16.1

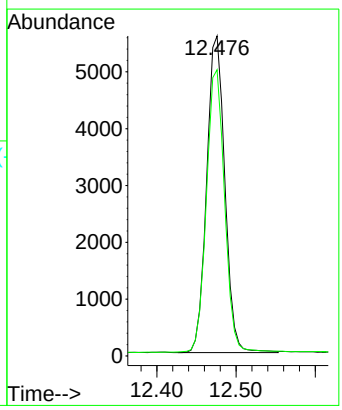


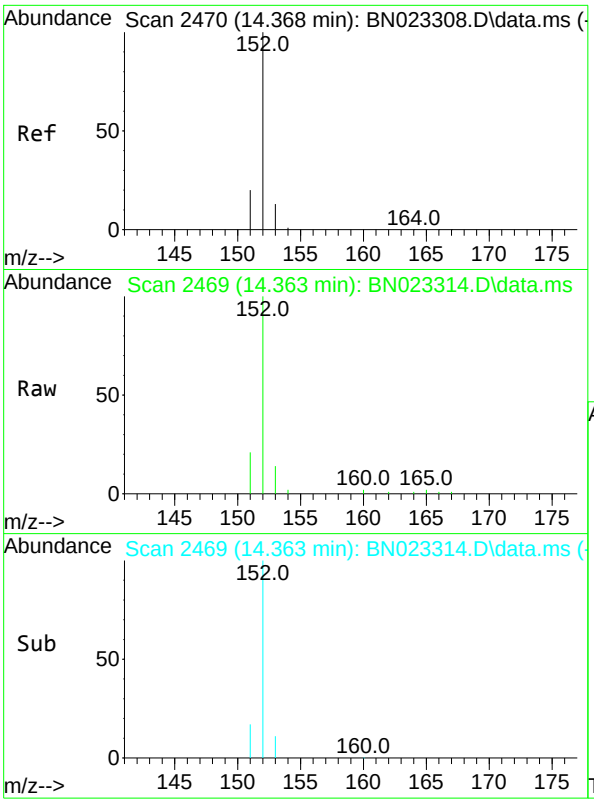


#7
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 12.476 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN023314.D
Acq: 21 Dec 2022 14:36

Tgt Ion:142 Resp: 8862

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2



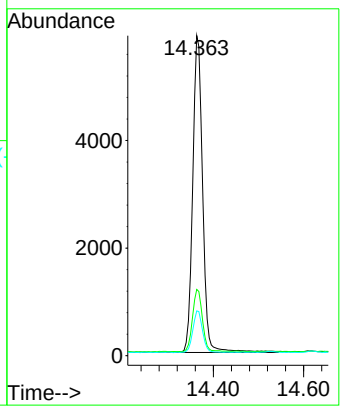


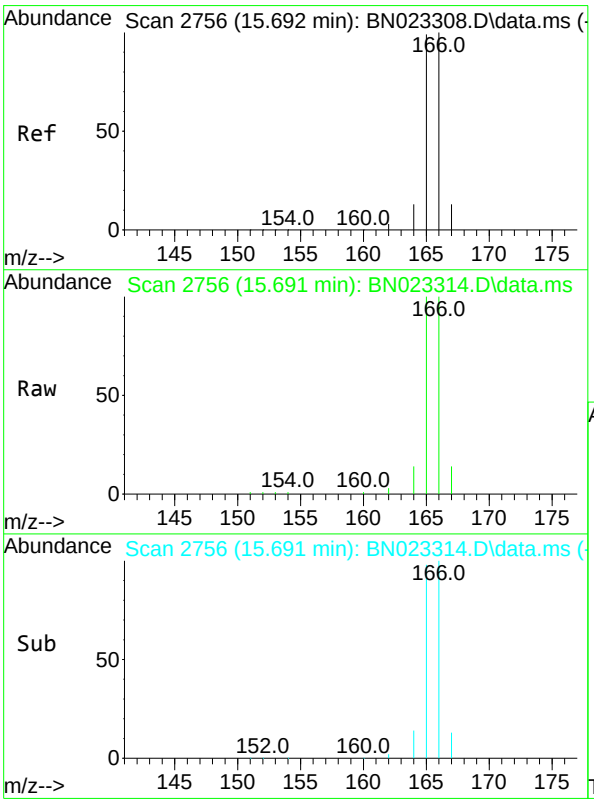
#10
Acenaphthylene
Concen: 0.239 ng/ul
RT: 14.363 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN023314.D
Acq: 21 Dec 2022 14:36

Instrument :
BNA_N
ClientSampleId :
DBYK6

Tgt Ion:152 Resp: 9030

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.1	24.1
153	14.0	10.9	16.3

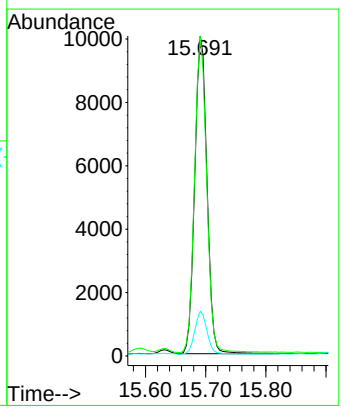


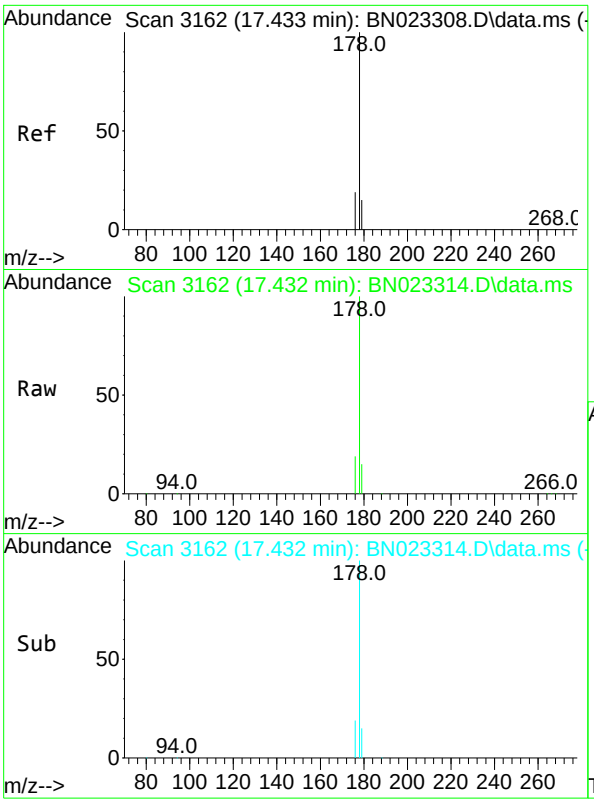


#12
Fluorene
Concen: 0.397 ng/ul
RT: 15.691 min Scan# 2756
Delta R.T. -0.001 min
Lab File: BN023314.D
Acq: 21 Dec 2022 14:36

Tgt Ion:166 Resp: 14171

Ion	Ratio	Lower	Upper
166	100		
165	99.9	79.1	118.7
167	14.0	11.0	16.4



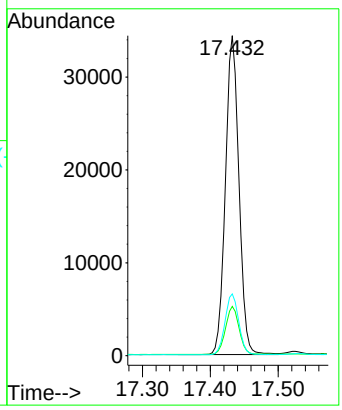


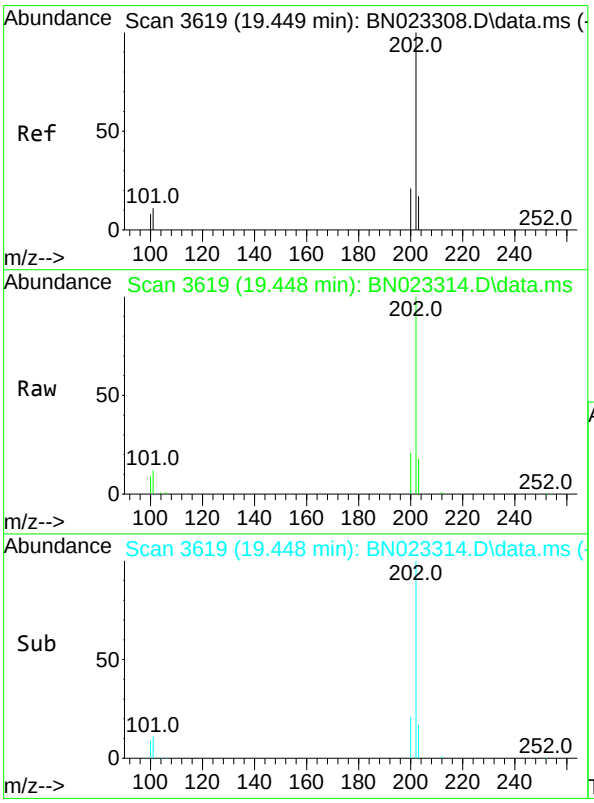
#15
Phenanthrene
Concen: 0.761 ng/ul
RT: 17.432 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN023314.D
Acq: 21 Dec 2022 14:36

Instrument :
BNA_N
ClientSampleId :
DBYK6

Tgt Ion:178 Resp: 47715

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.3	15.7	23.5

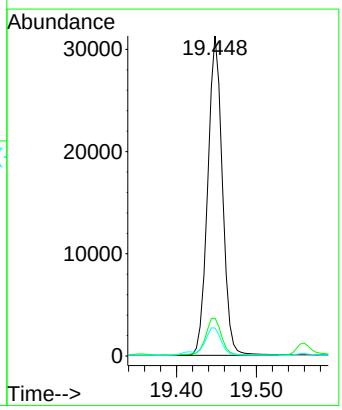


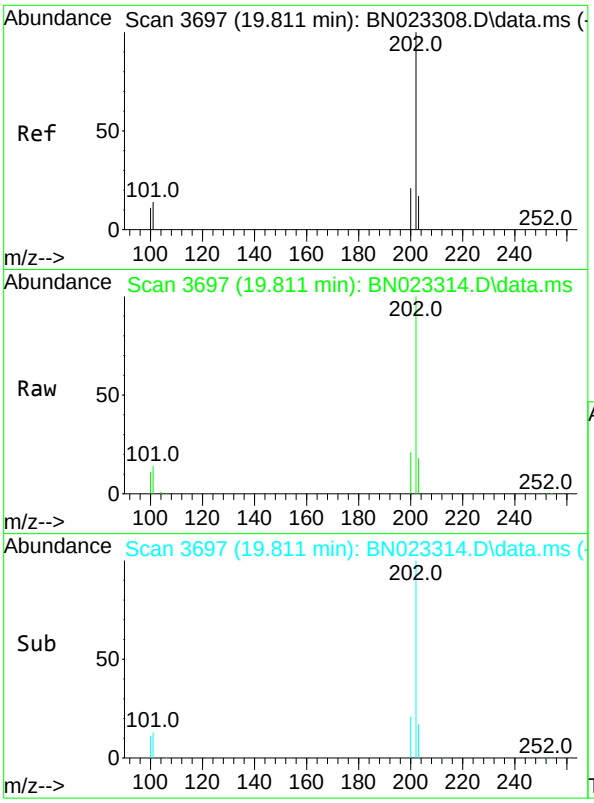


#19
Fluoranthene
Concen: 0.562 ng/ul
RT: 19.448 min Scan# 3619
Delta R.T. -0.001 min
Lab File: BN023314.D
Acq: 21 Dec 2022 14:36

Tgt Ion:202 Resp: 39756

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.4	14.2
100	8.8	7.0	10.6



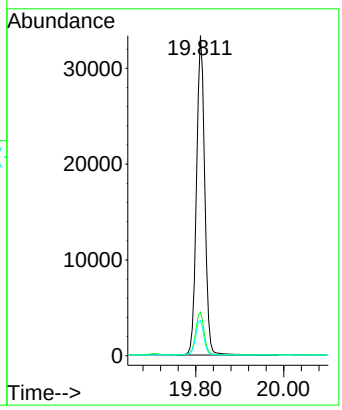


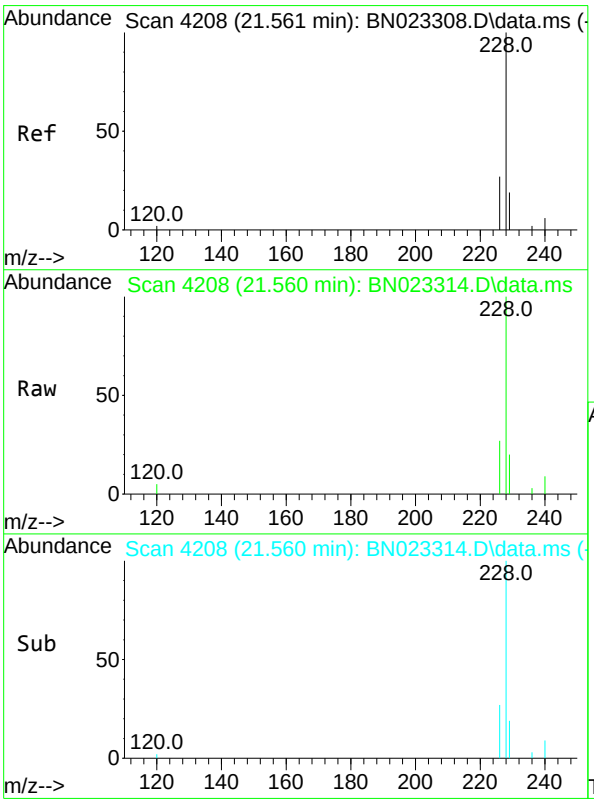
#20
Pyrene
Concen: 0.609 ng/ul
RT: 19.811 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN023314.D
Acq: 21 Dec 2022 14:36

Instrument :
BNA_N
ClientSampleId :
DBYK6

Tgt Ion:202 Resp: 43396

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.3	16.9
100	10.9	9.0	13.4

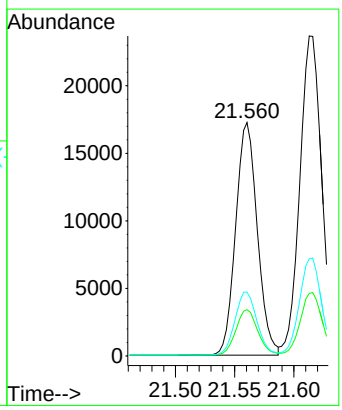


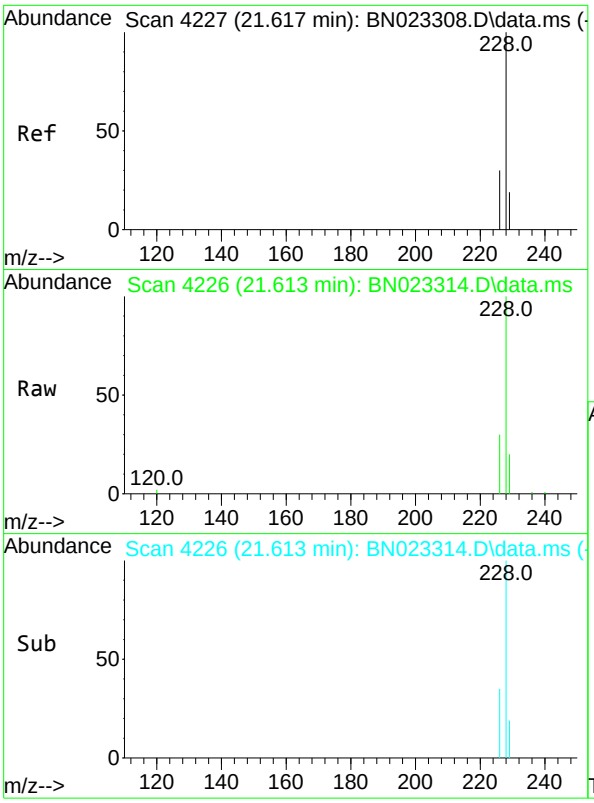


#21
Benzo(a)anthracene
Concen: 0.385 ng/ul
RT: 21.560 min Scan# 4208
Delta R.T. -0.001 min
Lab File: BN023314.D
Acq: 21 Dec 2022 14:36

Tgt Ion:228 Resp: 21882

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.6	23.4
226	27.3	22.2	33.2



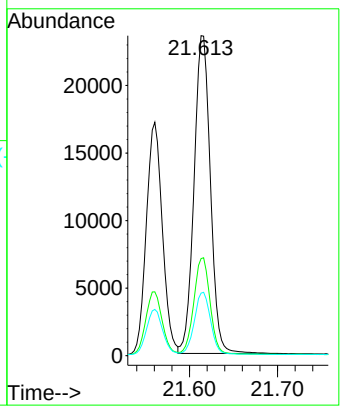


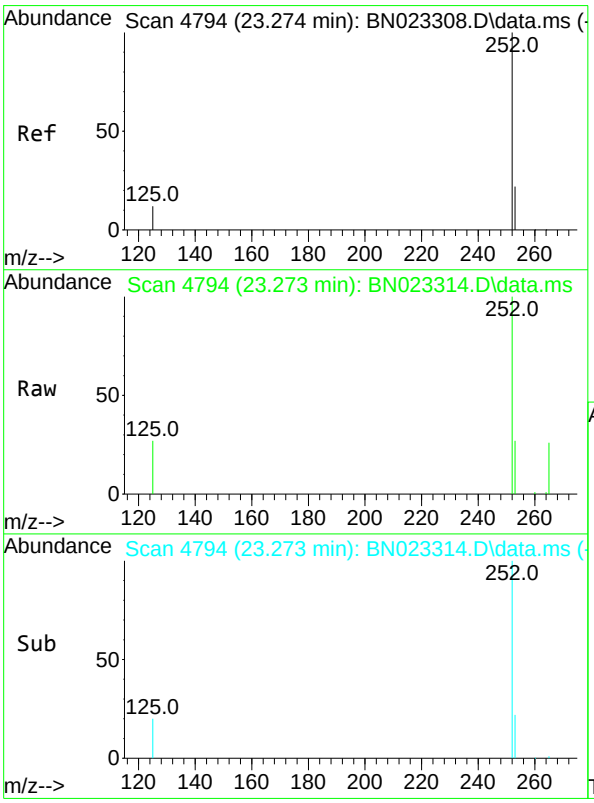
#22
Chrysene
Concen: 0.527 ng/ul
RT: 21.613 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN023314.D
Acq: 21 Dec 2022 14:36

Instrument :
BNA_N
ClientSampleId :
DBYK6

Tgt Ion:228 Resp: 30406

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.3	36.5
229	19.6	15.8	23.6

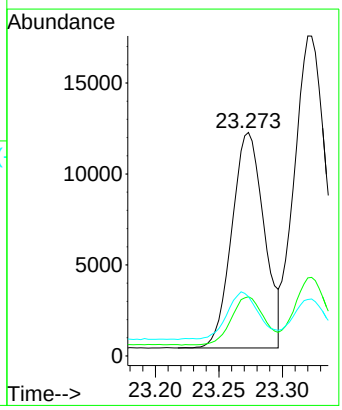


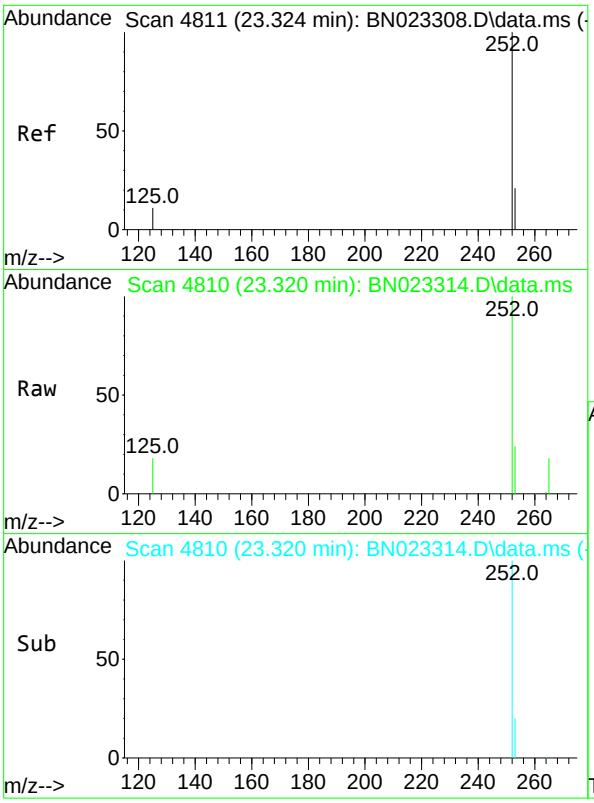


#24
Benzo(b)fluoranthene
Concen: 0.377 ng/ul
RT: 23.273 min Scan# 4794
Delta R.T. -0.001 min
Lab File: BN023314.D
Acq: 21 Dec 2022 14:36

Tgt Ion:252 Resp: 21022

Ion	Ratio	Lower	Upper
252	100		
253	26.5	0.0	49.2
125	26.6	0.0	31.8



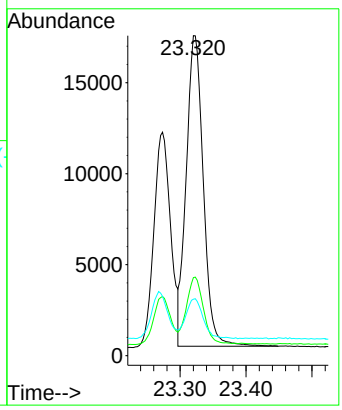


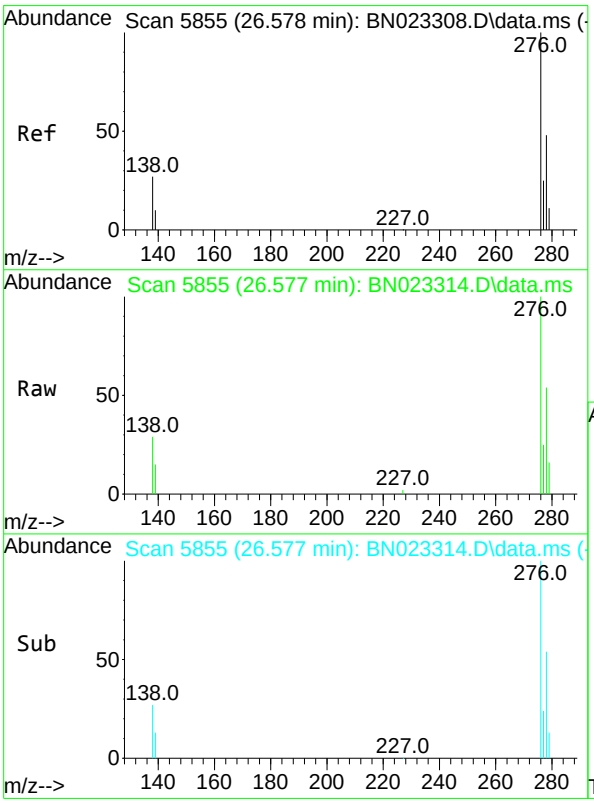
#25
Benzo(k)fluoranthene
Concen: 0.587 ng/ul
RT: 23.320 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN023314.D
Acq: 21 Dec 2022 14:36

Instrument :
BNA_N
ClientSampleId :
DBYK6

Tgt Ion:252 Resp: 30719

Ion	Ratio	Lower	Upper
252	100		
253	24.4	19.8	29.6
125	17.7	12.6	18.8

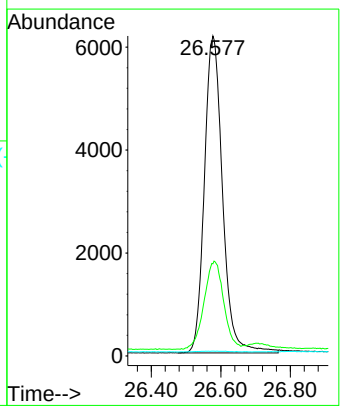


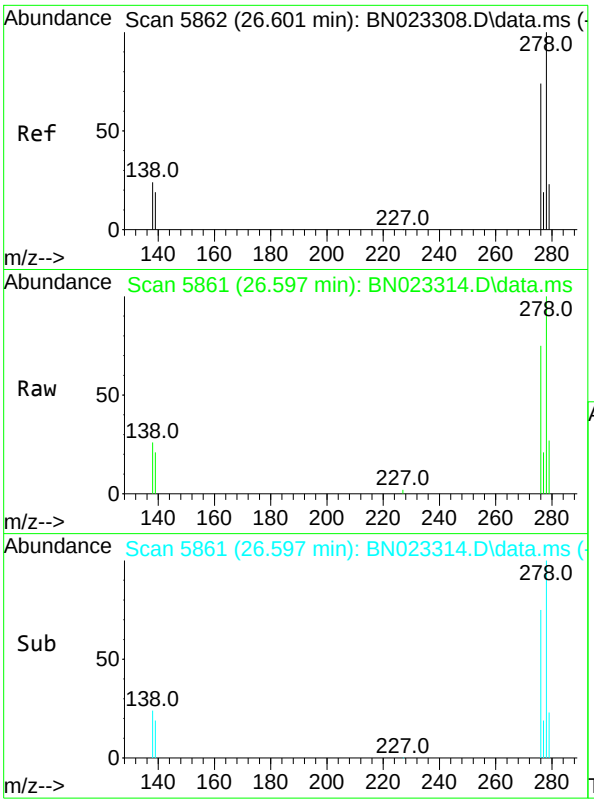


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.434 ng/ul
RT: 26.577 min Scan# 5855
Delta R.T. -0.001 min
Lab File: BN023314.D
Acq: 21 Dec 2022 14:36

Tgt Ion:276 Resp: 22330

Ion	Ratio	Lower	Upper
276	100		
138	30.2	23.4	35.2
227	0.2	0.0	0.0#



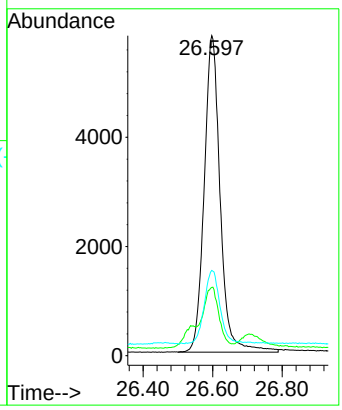


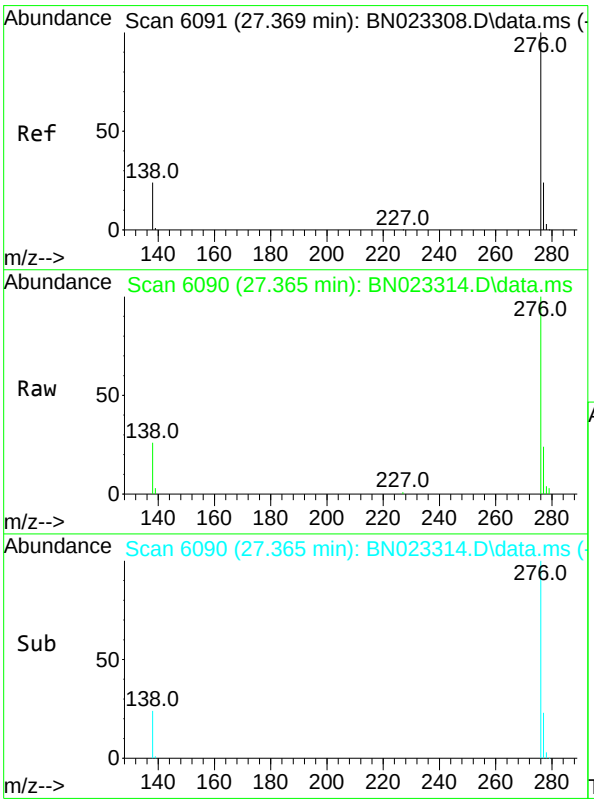
#28
Dibenzo(a,h)anthracene
Concen: 0.464 ng/ul
RT: 26.597 min Scan# 5
Delta R.T. -0.004 min
Lab File: BN023314.D
Acq: 21 Dec 2022 14:36

Instrument :
BNA_N
ClientSampleId :
DBYK6

Tgt Ion:278 Resp: 18526

Ion	Ratio	Lower	Upper
278	100		
139	21.3	16.6	24.8
279	26.7	21.3	31.9





#29
Benzo(g,h,i)perylene
Concen: 0.664 ng/ul
RT: 27.365 min Scan# 6090
Delta R.T. -0.004 min
Lab File: BN023314.D
Acq: 21 Dec 2022 14:36

Tgt Ion:276 Resp: 27877

Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.3	30.5
277	24.3	19.7	29.5