Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
Data File : BN025789.D
Acq On : 12 Jun 2023 19:35
Operator : MA/JU
Sample : 02960-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
H0FN7

Quant Time: Jun 13 00:03:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.005	152	8636	0.400	ng/ul	0.00
4) Naphthalene-d8	10.820	136	25943	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.640	164	14423	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.381	188	29070	0.400	ng/ul	0.00
17) Chrysene-d12	21.565	240	16591	0.400	ng/ul	0.00
23) Perylene-d12	24.047	264	13794	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.352	96	15807	1.862	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.409	152	3977	0.121	ng/ul	0.00
18) Fluoranthene-d10	19.406	212	7907	0.151	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.869	128	1458	0.022	ng/ul#	83
10) Acenaphthylene	14.363	152	1518	0.027	ng/ul#	83
11) Acenaphthene	14.705	153	2127	0.045	ng/ul	99
12) Fluorene	15.686	166	3291	0.062	ng/ul	99
15) Phenanthrene	17.424	178	110426	1.302	ng/ul	100
16) Anthracene	17.517	178	16488	0.230	ng/ul	98
19) Fluoranthene	19.439	202	314995	4.151	ng/ul	98
20) Pyrene	19.796	202	283498	3.609	ng/ul	98
21) Benzo(a)anthracene	21.547	228	103915	1.964	ng/ul	99
22) Chrysene	21.603	228	135661	2.242	ng/ul	98
24) Benzo(b)fluoranthene	23.286	252	206297	3.656	ng/ul	95
26) Benzo(a)pyrene	23.935	252	94846	1.983	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.646	276	80277	1.473	ng/ul#	89
28) Dibenzo(a,h)anthracene	26.659	278	17326	0.420	ng/ul	99
29) Benzo(g,h,i)perylene	27.450	276	79323	1.622	ng/ul	98

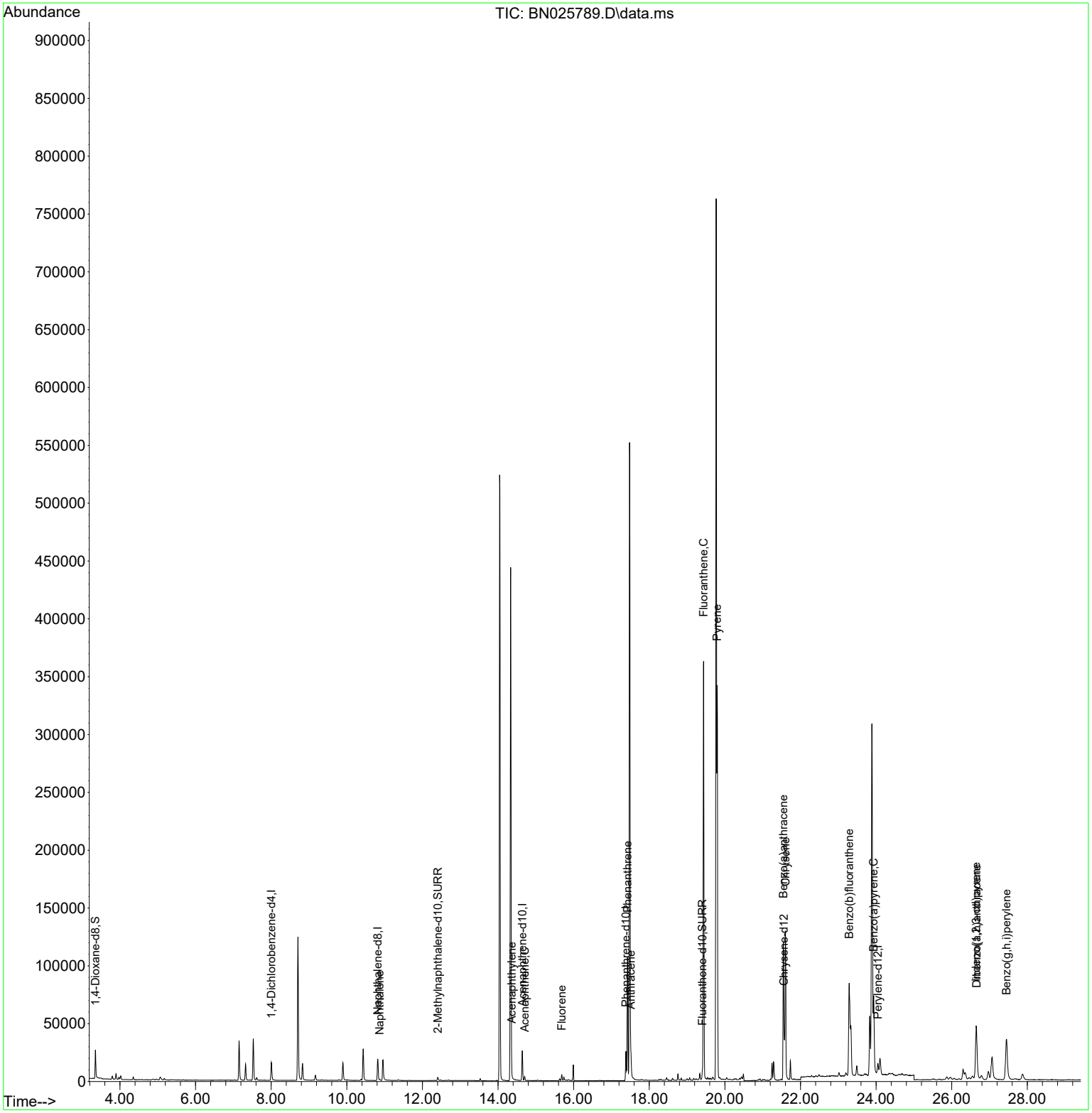
(#) = qualifier out of range (m) = manual integration (+) = signals summed

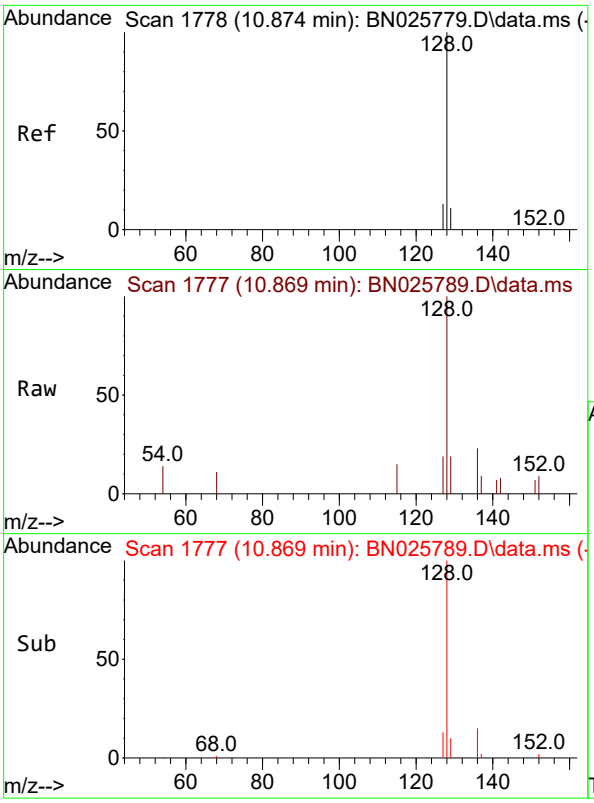
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061223\
Data File : BN025789.D
Acq On : 12 Jun 2023 19:35
Operator : MA/JU
Sample : 02960-03
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
H0FN7

Quant Time: Jun 13 00:03:40 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN060923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 10 02:01:49 2023
Response via : Initial Calibration



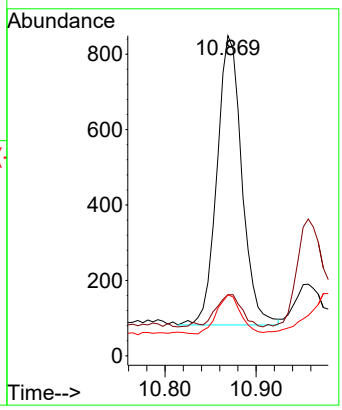


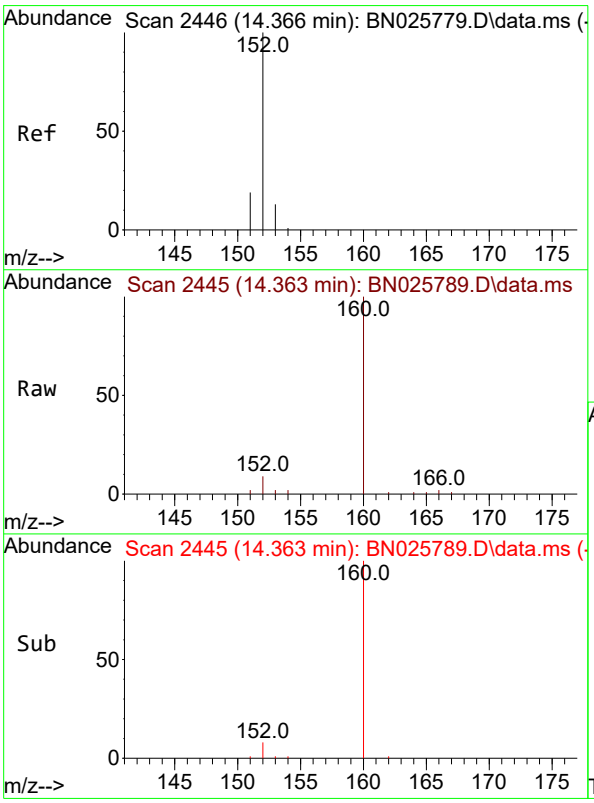
#5
Naphthalene
Concen: 0.022 ng/ul
RT: 10.869 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Instrument :
BNA_N
ClientSampleId :
H0FN7

Tgt Ion:128 Resp: 1458

Ion	Ratio	Lower	Upper
128	100		
129	19.1	9.1	13.7#
127	19.1	10.5	15.7#

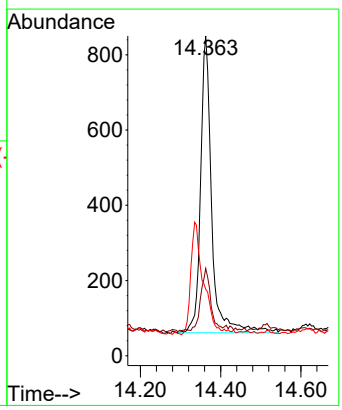


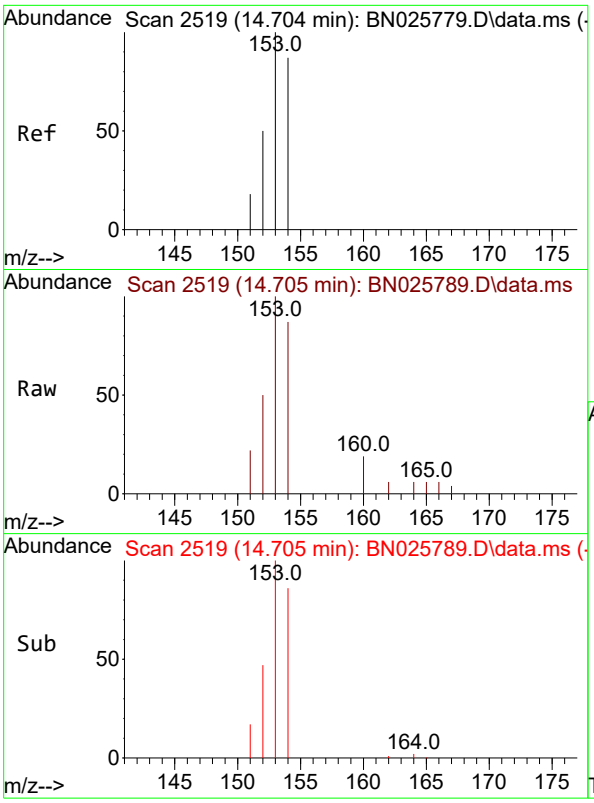


#10
Acenaphthylene
Concen: 0.027 ng/ul
RT: 14.363 min Scan# 2445
Delta R.T. -0.003 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Tgt Ion:152 Resp: 1518

Ion	Ratio	Lower	Upper
152	100		
151	27.3	16.0	24.0#
153	20.8	10.7	16.1#



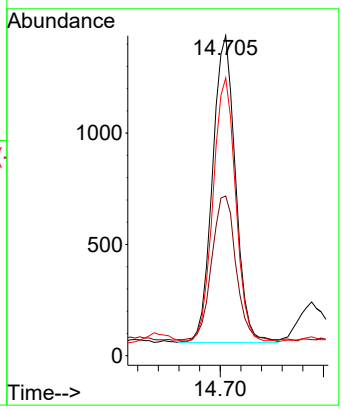


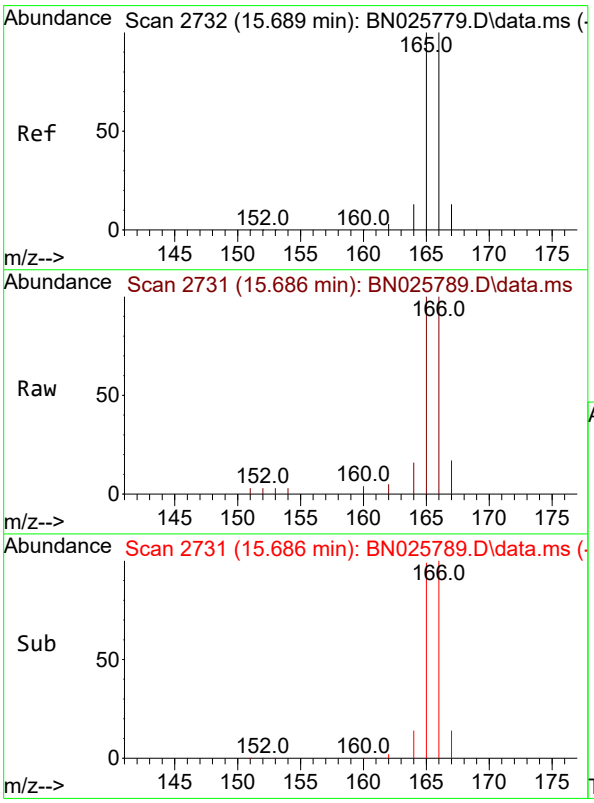
#11
Acenaphthene
Concen: 0.045 ng/ul
RT: 14.705 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Instrument :
BNA_N
ClientSampleId :
H0FN7

Tgt Ion:153 Resp: 2127

Ion	Ratio	Lower	Upper
153	100		
152	49.9	39.5	59.3
154	86.8	68.8	103.2

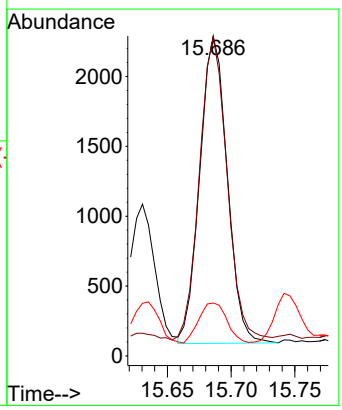


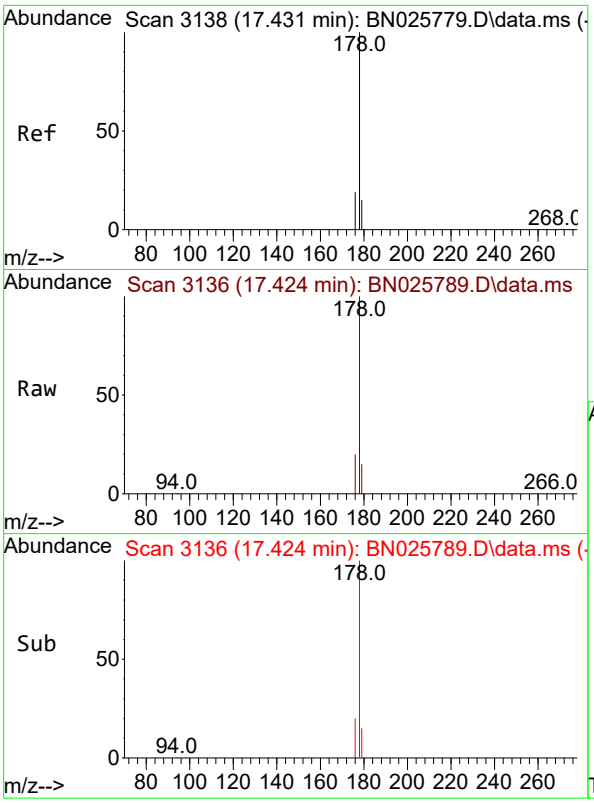


#12
Fluorene
Concen: 0.062 ng/ul
RT: 15.686 min Scan# 2731
Delta R.T. -0.004 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Tgt Ion:166 Resp: 3291

Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.2	118.8
167	16.6	11.0	16.6



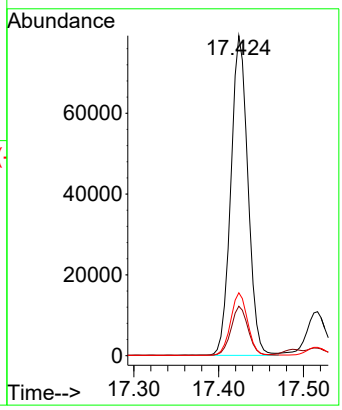


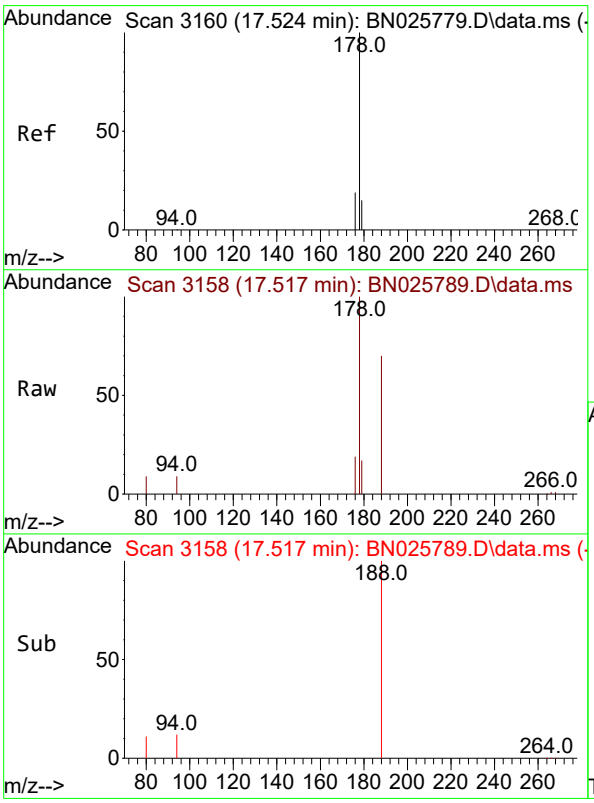
#15
Phenanthrene
Concen: 1.302 ng/ul
RT: 17.424 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Instrument :
BNA_N
ClientSampleId :
H0FN7

Tgt Ion:178 Resp: 110426

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	18.8
176	19.6	15.8	23.8

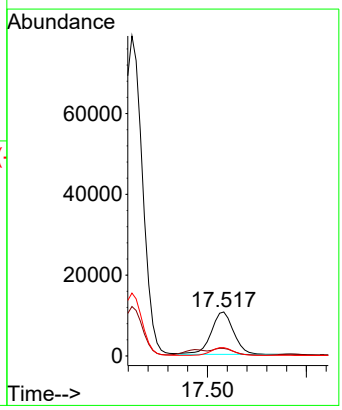


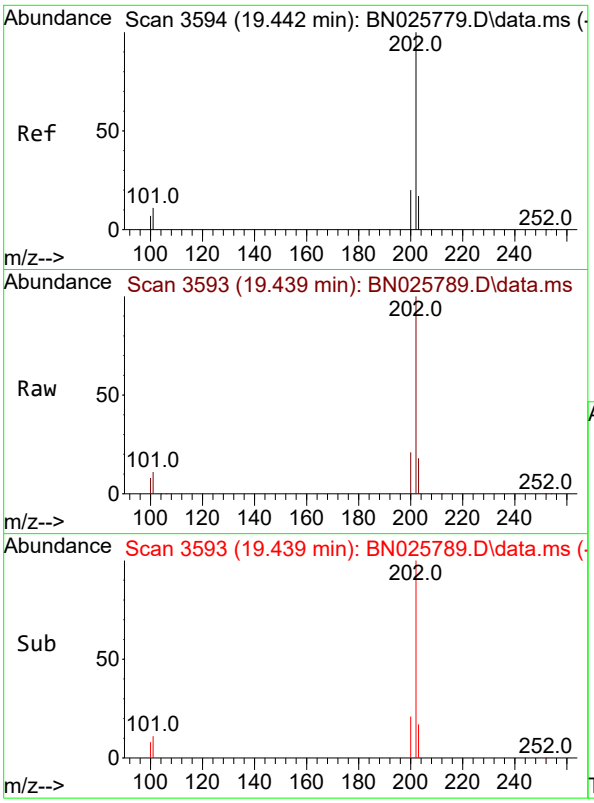


#16
Anthracene
Concen: 0.230 ng/ul
RT: 17.517 min Scan# 3158
Delta R.T. -0.007 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Tgt Ion:178 Resp: 16488

Ion	Ratio	Lower	Upper
178	100		
179	17.0	12.6	19.0
176	18.8	15.4	23.2



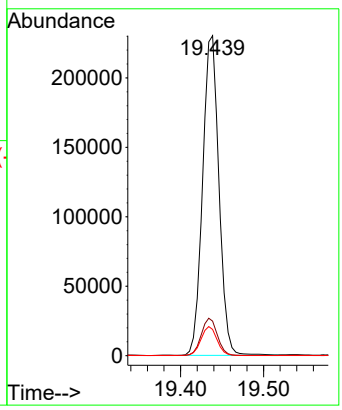


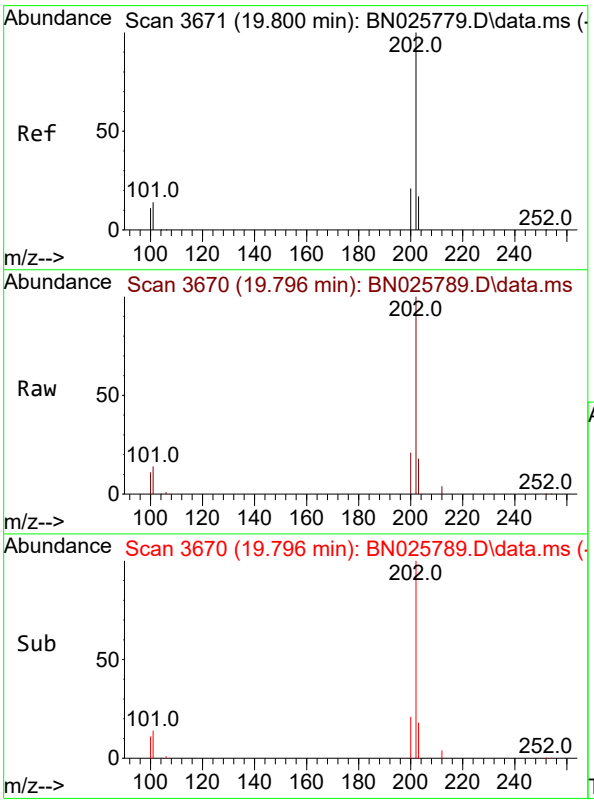
#19
Fluoranthene
Concen: 4.151 ng/ul
RT: 19.439 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Instrument :
BNA_N
ClientSampleId :
H0FN7

Tgt Ion:202 Resp: 314995

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.1	13.7
100	8.2	7.0	10.6

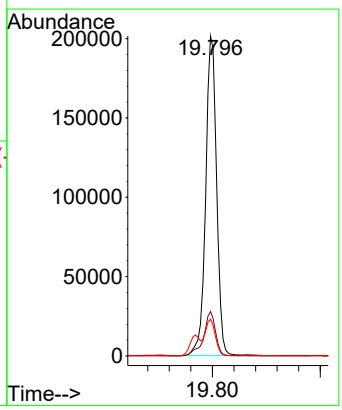


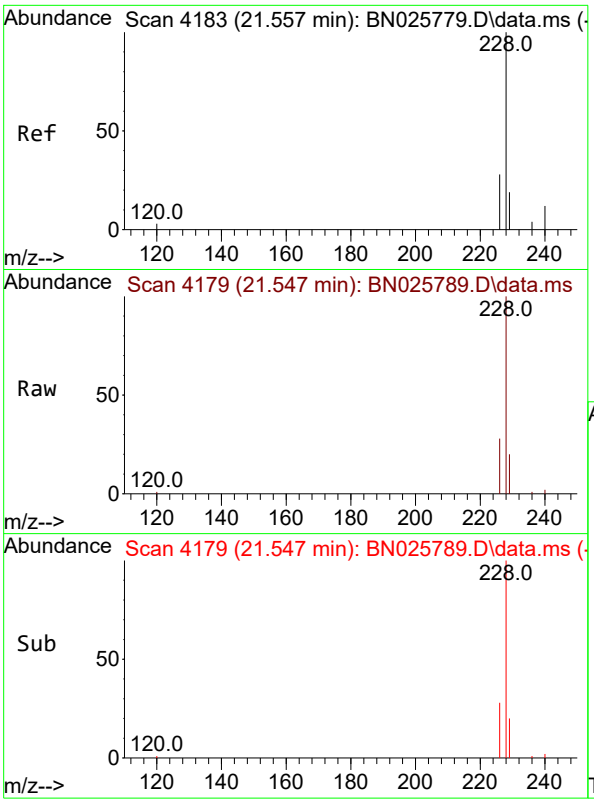


#20
Pyrene
Concen: 3.609 ng/ul
RT: 19.796 min Scan# 3670
Delta R.T. -0.009 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Tgt Ion:202 Resp: 283498

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.4	15.6
100	11.5	8.8	13.2



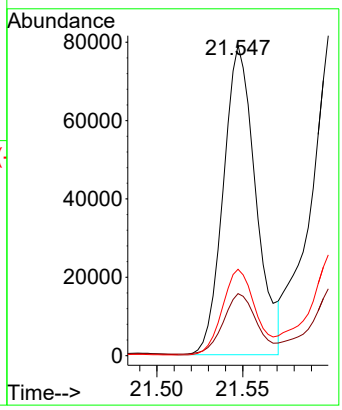


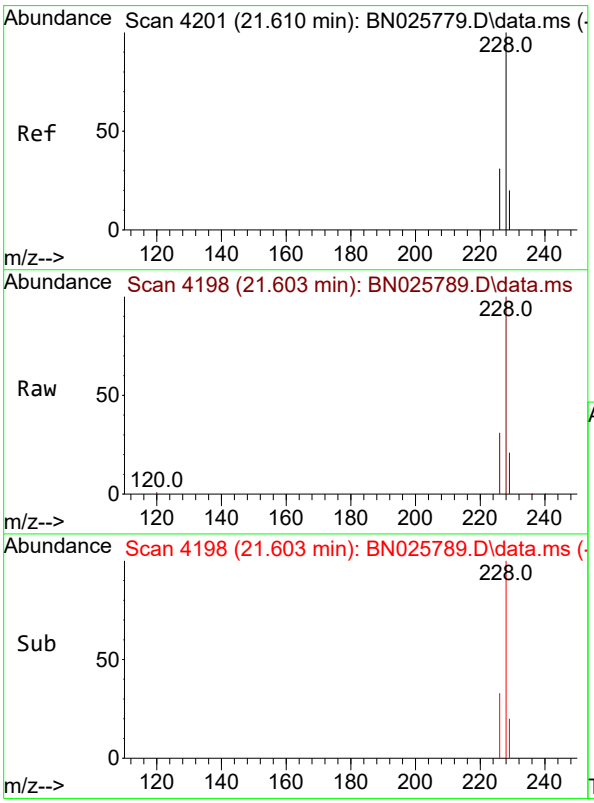
#21
Benzo(a)anthracene
Concen: 1.964 ng/ul
RT: 21.547 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Instrument :
BNA_N
ClientSampleId :
H0FN7

Tgt Ion:228 Resp: 103915

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.5	23.3
226	27.9	22.0	33.0

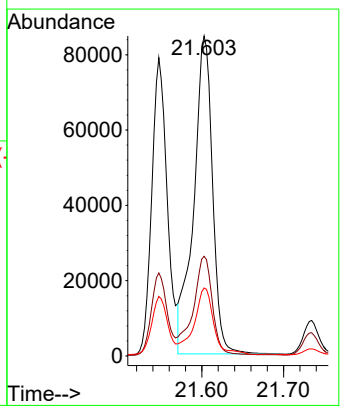


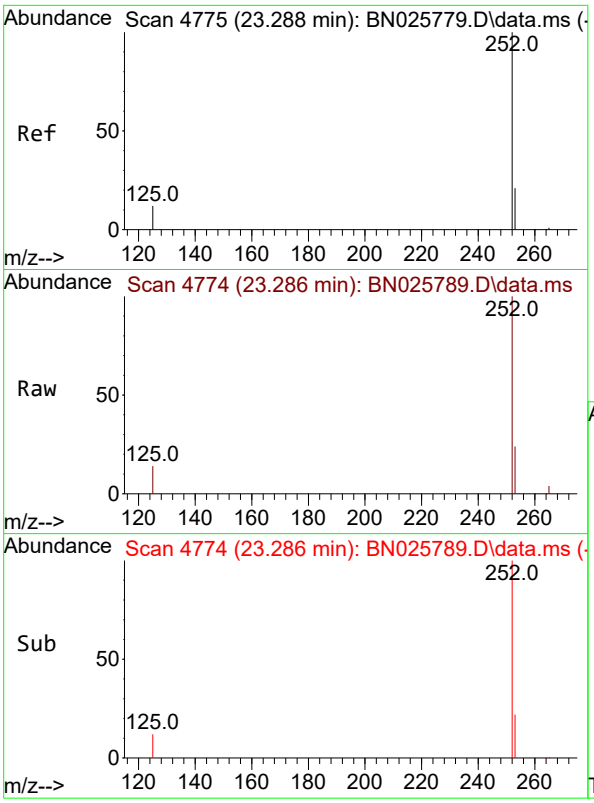


#22
Chrysene
Concen: 2.242 ng/ul
RT: 21.603 min Scan# 4198
Delta R.T. -0.005 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Tgt Ion:228 Resp: 135661

Ion	Ratio	Lower	Upper
228	100		
226	31.2	24.7	37.1
229	21.3	15.7	23.5



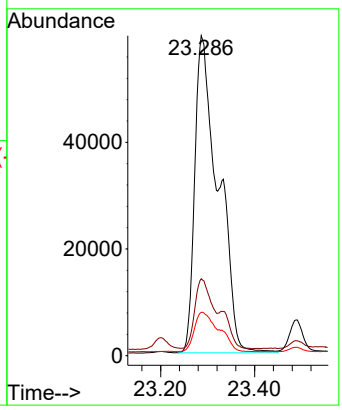


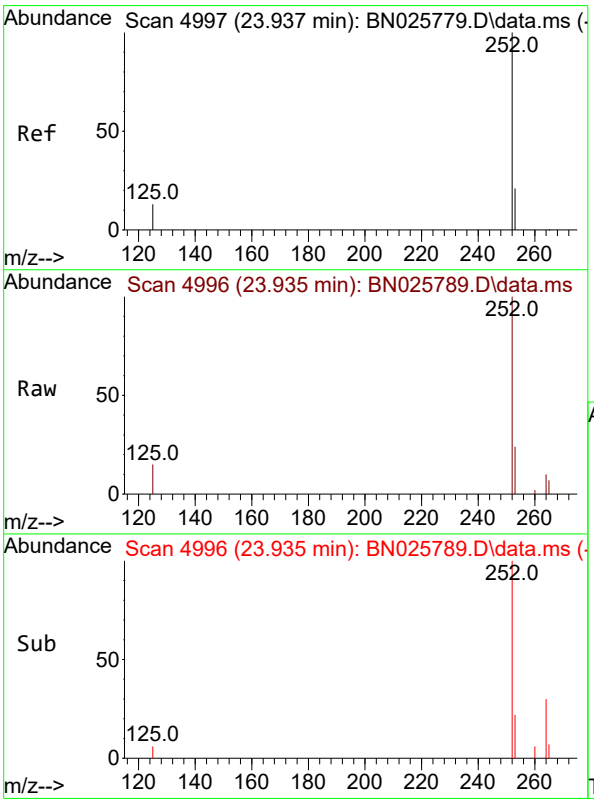
#24
Benzo(b)fluoranthene
Concen: 3.656 ng/ul
RT: 23.286 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Instrument :
BNA_N
ClientSampleId :
H0FN7

Tgt Ion:252 Resp: 206297

Ion	Ratio	Lower	Upper
252	100		
253	24.1	0.0	56.0
125	13.5	0.0	28.0

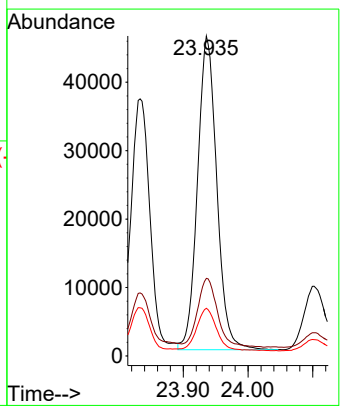


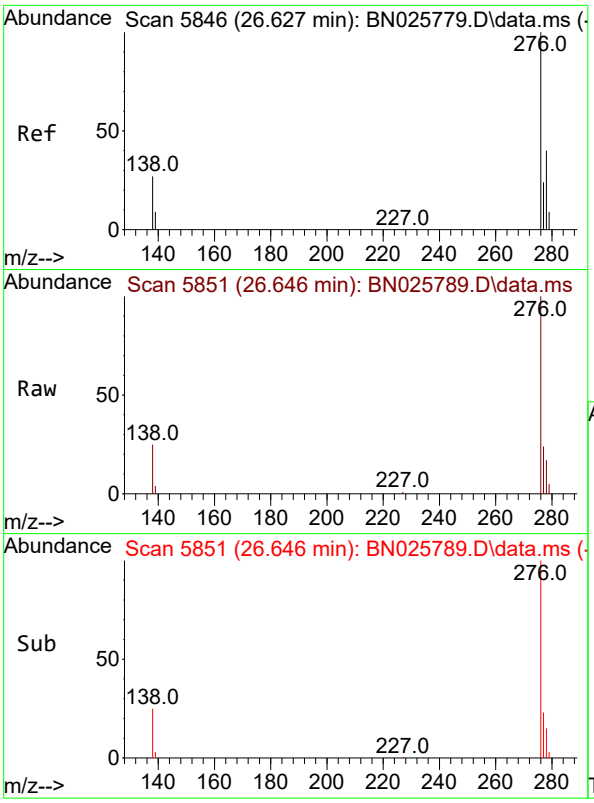


#26
Benzo(a)pyrene
Concen: 1.983 ng/ul
RT: 23.935 min Scan# 4996
Delta R.T. -0.008 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Tgt Ion:252 Resp: 94846

Ion	Ratio	Lower	Upper
252	100		
253	24.2	25.8	38.8#
125	14.9	13.5	20.3



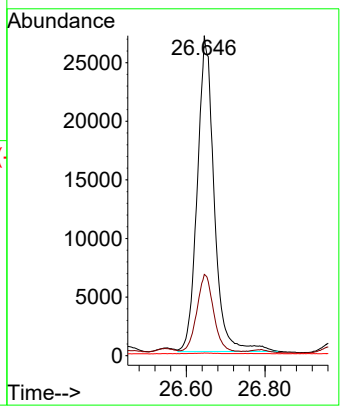


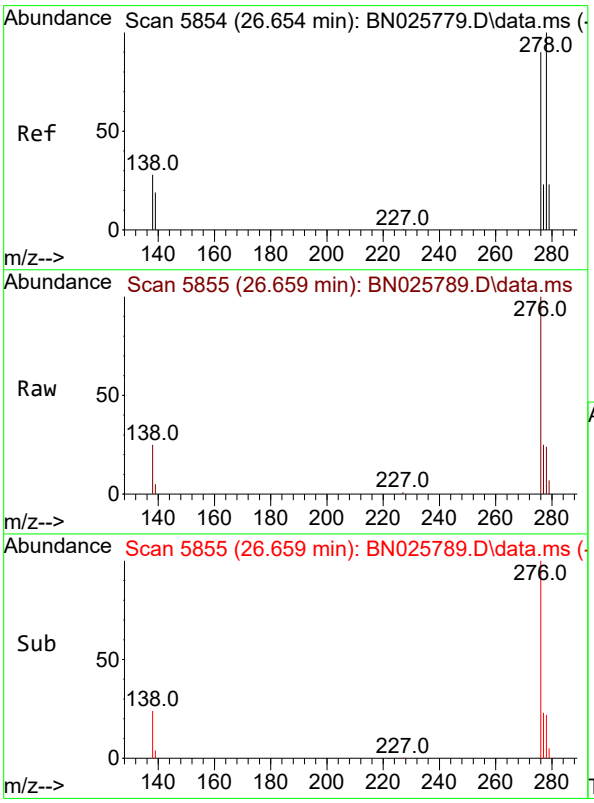
#27
Indeno(1,2,3-cd)pyrene
Concen: 1.473 ng/ul
RT: 26.646 min Scan# 5
Delta R.T. -0.012 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Instrument :
BNA_N
ClientSampleId :
H0FN7

Tgt Ion:276 Resp: 80277

Ion	Ratio	Lower	Upper
276	100		
138	24.7	24.6	36.8
227	0.2	0.0	0.0#

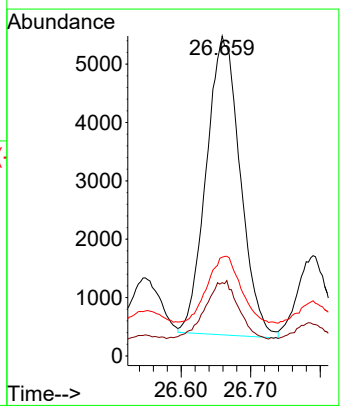


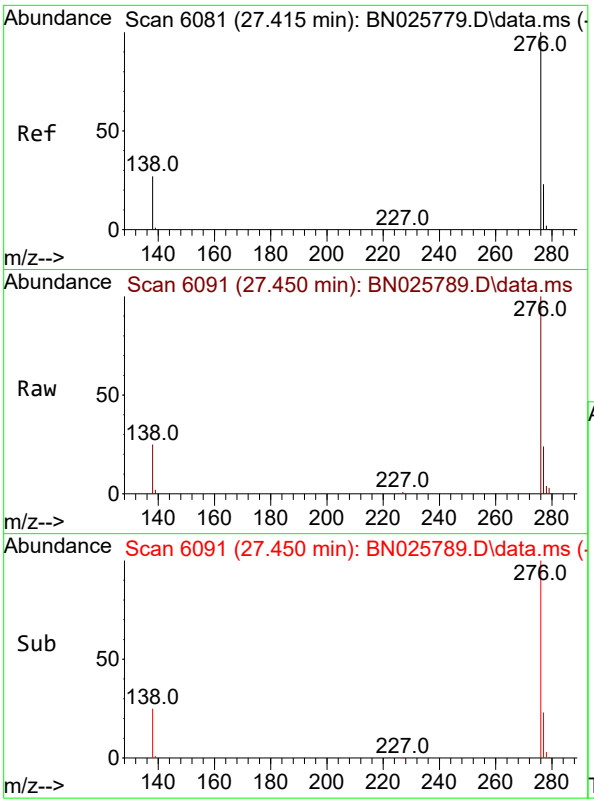


#28
Dibenzo(a,h)anthracene
Concen: 0.420 ng/ul
RT: 26.659 min Scan# 5855
Delta R.T. -0.026 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Tgt Ion:278 Resp: 17326

Ion	Ratio	Lower	Upper
278	100		
139	22.9	17.9	26.9
279	30.9	25.3	37.9





#29
Benzo(g,h,i)perylene
Concen: 1.622 ng/ul
RT: 27.450 min Scan# 6
Delta R.T. 0.001 min
Lab File: BN025789.D
Acq: 12 Jun 2023 19:35

Instrument :
BNA_N
ClientSampleId :
H0FN7

Tgt Ion:276 Resp: 79323

Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.8	32.8
277	23.9	19.4	29.2