Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
Data File : BN025226.D
Acq On : 02 May 2023 18:35
Operator : CG/JU
Sample : 02419-32DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW927DL

Quant Time: May 03 02:30:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 16:21:17 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	7982	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	28195	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	17680	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	40418	0.400	ng/ul	0.00
17) Chrysene-d12	21.502	240	35181	0.400	ng/ul	# 0.00
23) Perylene-d12	23.937	264	33801	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	3829	0.463	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.310	152	1217	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	3516	0.038	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.770	128	33738	0.467	ng/ul	100
7) 2-Methylnaphthalene	12.387	142	20103	0.454	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	13727	0.291	ng/ul	100
10) Acenaphthylene	14.279	152	15790	0.240	ng/ul#	95
11) Acenaphthene	14.621	153	48032	0.865	ng/ul	99
12) Fluorene	15.611	166	50859	0.819	ng/ul	100
15) Phenanthrene	17.351	178	728045	6.382	ng/ul	99
16) Anthracene	17.440	178	186372	1.997	ng/ul	99
19) Fluoranthene	19.368	202	1678888	13.197	ng/ul	98
20) Pyrene	19.735	202	1601176	12.250	ng/ul	98
21) Benzo(a)anthracene	21.485	228	815411	7.692	ng/ul	99
22) Chrysene	21.537	228	793611	6.862	ng/ul	98
24) Benzo(b)fluoranthene	23.195	252	1287984	9.392	ng/ul	95
26) Benzo(a)pyrene	23.832	252	702599	6.192	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.483	276	399505	3.056	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.493	278	90974	0.891	ng/ul	96
29) Benzo(g,h,i)perylene	27.268	276	339844	3.057	ng/ul	100

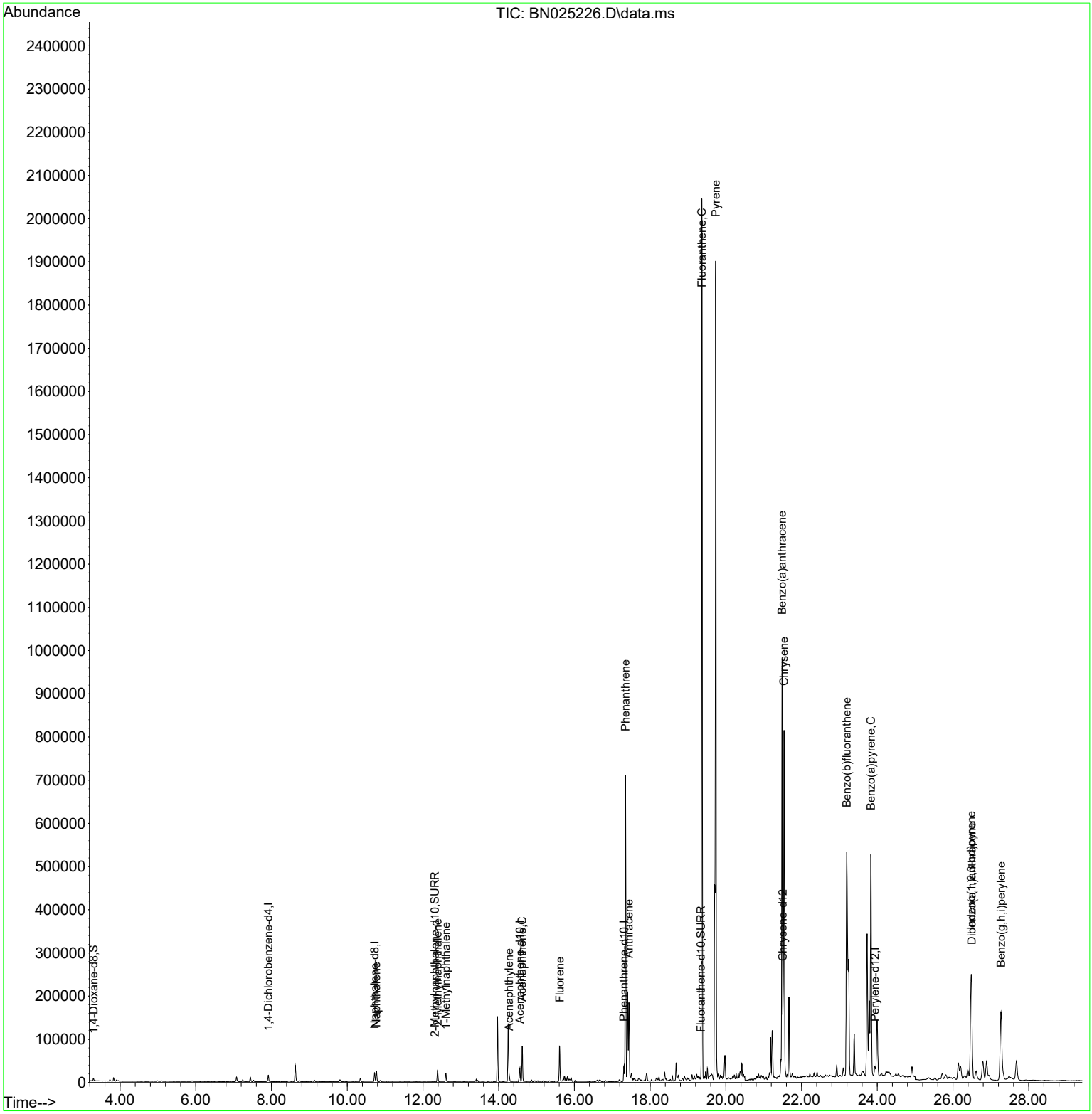
(#) = qualifier out of range (m) = manual integration (+) = signals summed

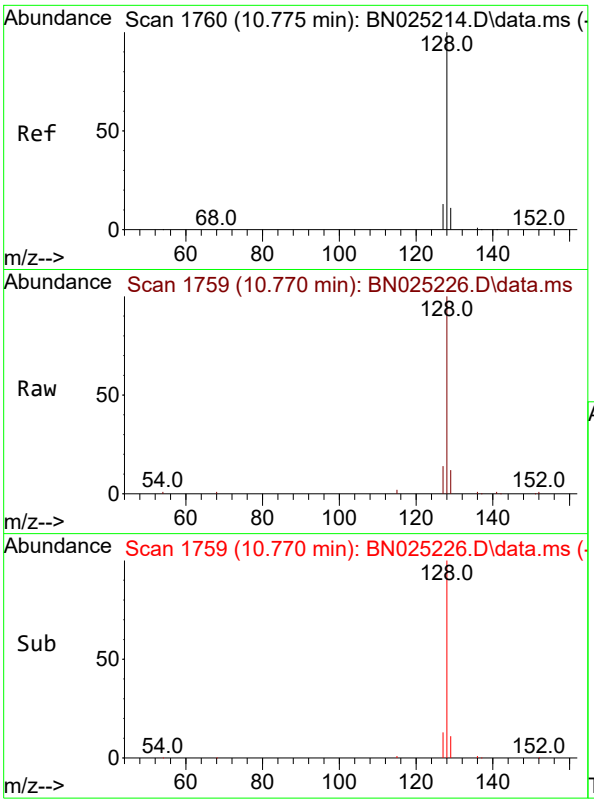
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
Data File : BN025226.D
Acq On : 02 May 2023 18:35
Operator : CG/JU
Sample : 02419-32DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW927DL

Quant Time: May 03 02:30:30 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 16:21:17 2023
Response via : Initial Calibration



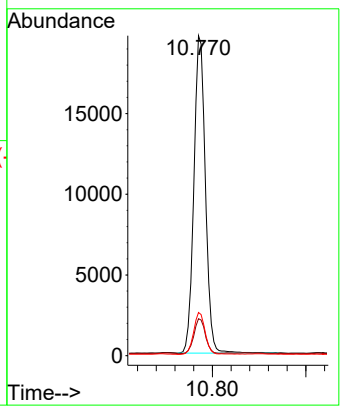


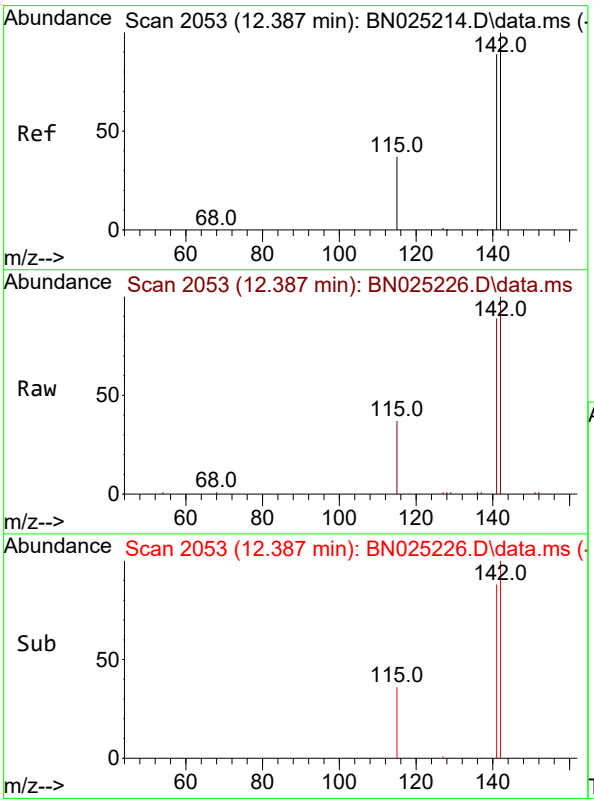
#5
Naphthalene
Concen: 0.467 ng/ul
RT: 10.770 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Instrument :
BNA_N
ClientSampleId :
EW927DL

Tgt Ion:128 Resp: 33738

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.5	10.7	16.1

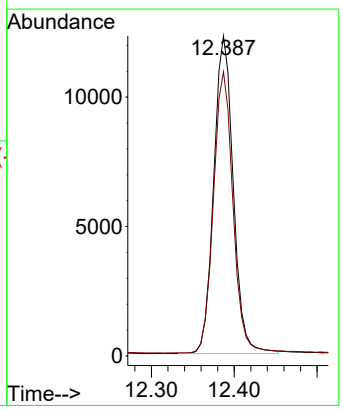


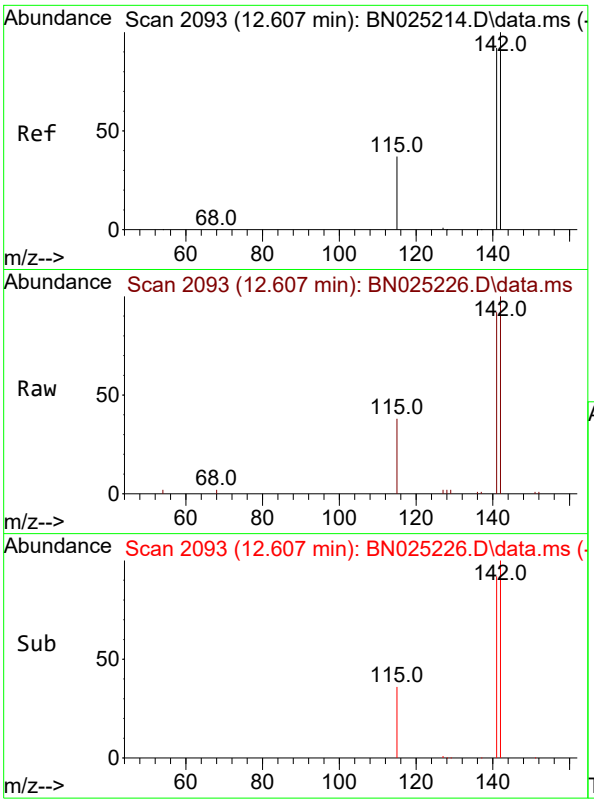


#7
2-Methylnaphthalene
Concen: 0.454 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Tgt Ion:142 Resp: 20103

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.4	107.0



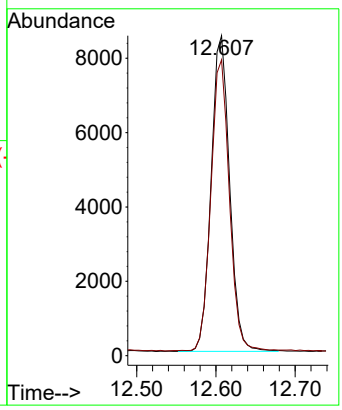


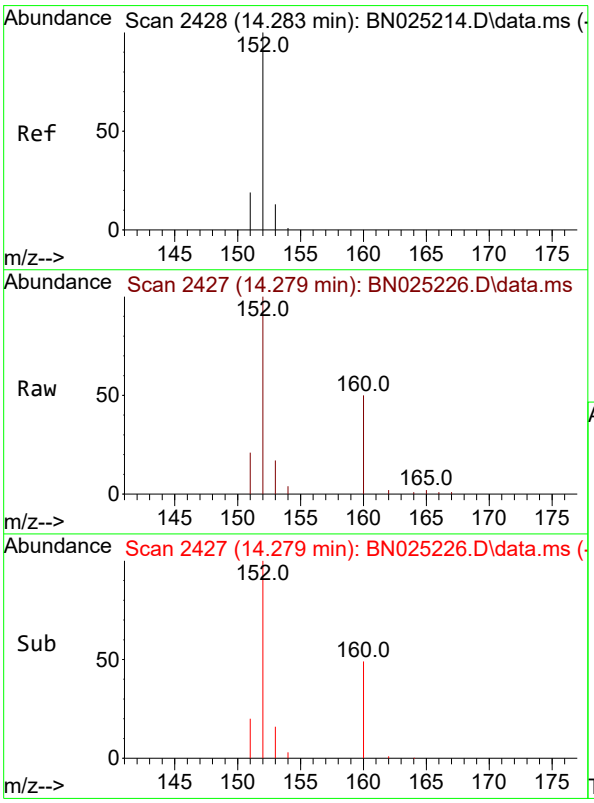
#8
1-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.607 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Instrument :
BNA_N
ClientSampleId :
EW927DL

Tgt Ion:142 Resp: 13727

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.8	110.6

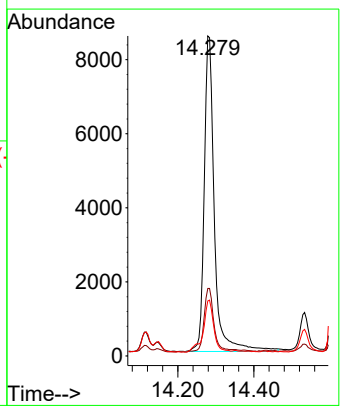


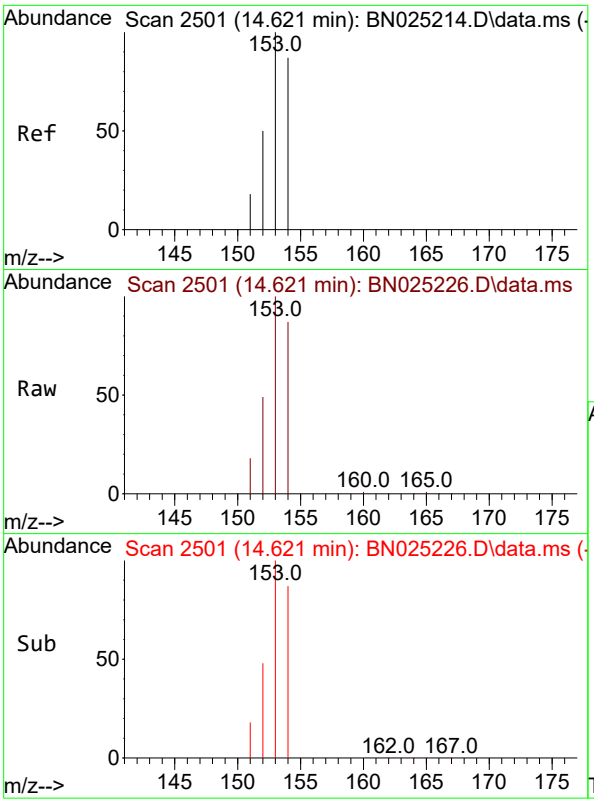


#10
Acenaphthylene
Concen: 0.240 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.004 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Tgt Ion:152 Resp: 15790

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.0	24.0
153	17.2	10.8	16.2#



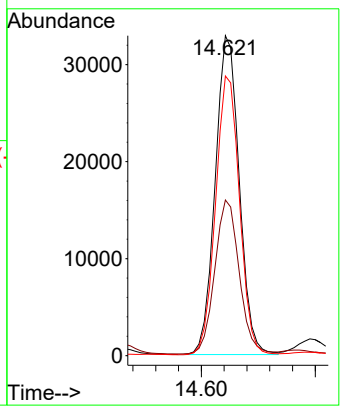


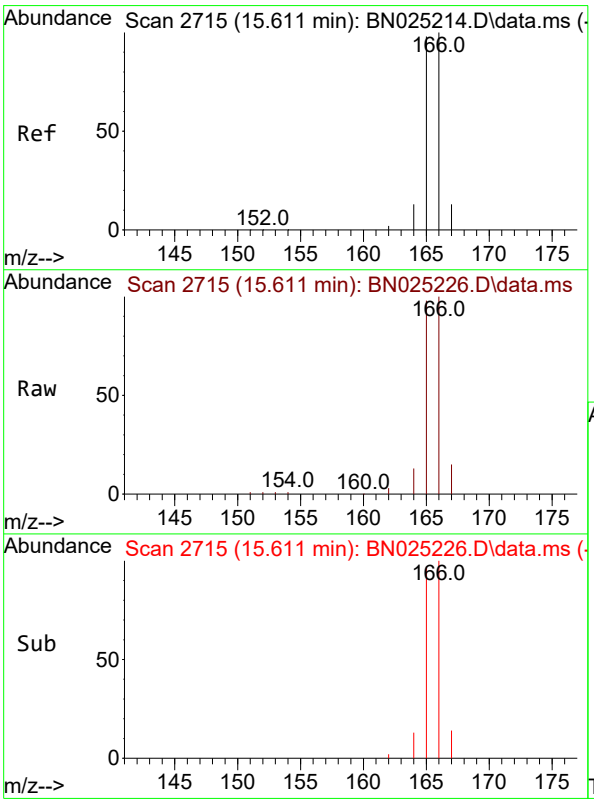
#11
Acenaphthene
Concen: 0.865 ng/ul
RT: 14.621 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Instrument :
BNA_N
ClientSampleId :
EW927DL

Tgt Ion:153 Resp: 48032

Ion	Ratio	Lower	Upper
153	100		
152	48.7	40.2	60.4
154	87.4	69.4	104.2

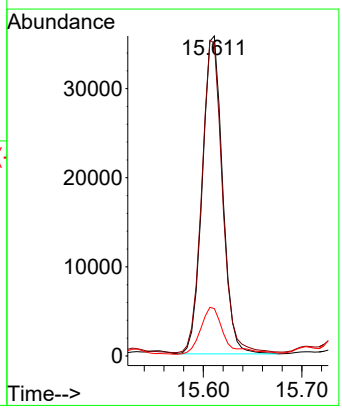


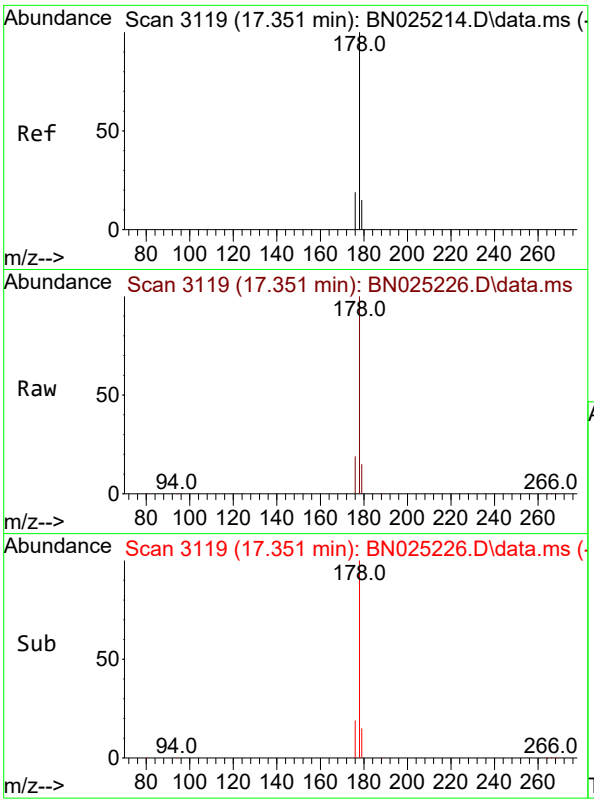


#12
Fluorene
Concen: 0.819 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Tgt Ion:166 Resp: 50859

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.1	117.1
167	14.8	11.0	16.6



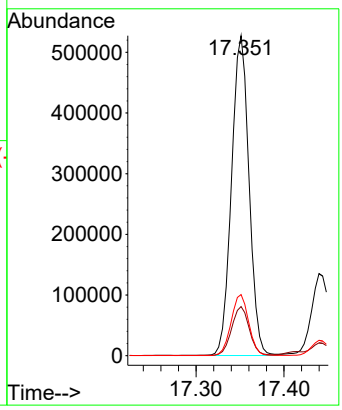


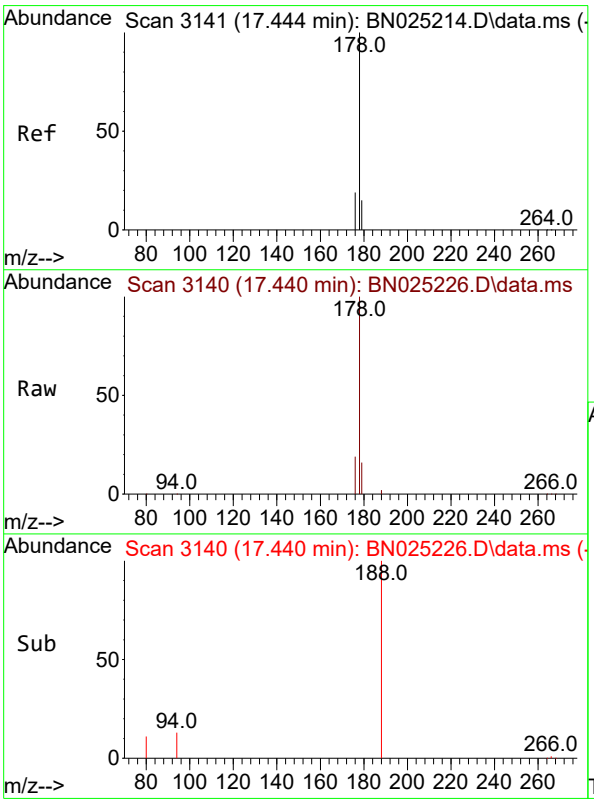
#15
Phenanthrene
Concen: 6.382 ng/ul
RT: 17.351 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Instrument :
BNA_N
ClientSampleId :
EW927DL

Tgt Ion:178 Resp: 728045

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.1	15.6	23.4

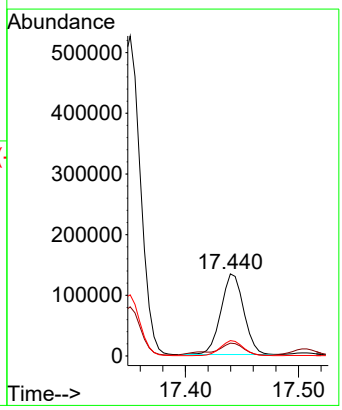


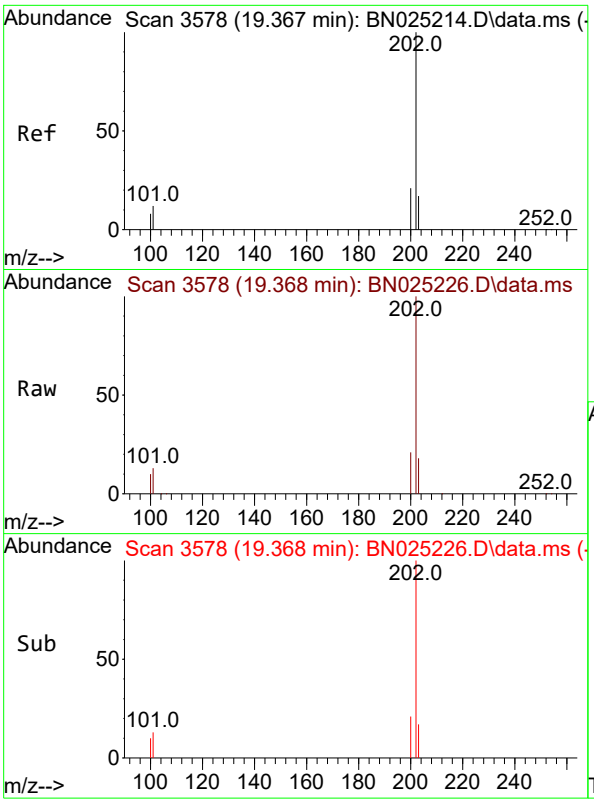


#16
Anthracene
Concen: 1.997 ng/ul
RT: 17.440 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Tgt Ion:178 Resp: 186372

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.7	19.1
176	18.7	15.3	22.9



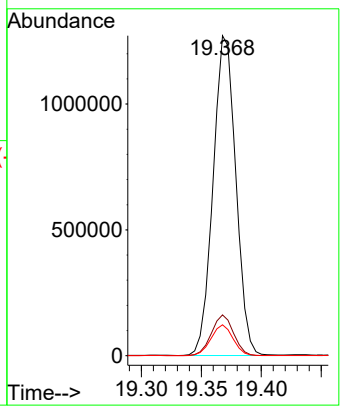


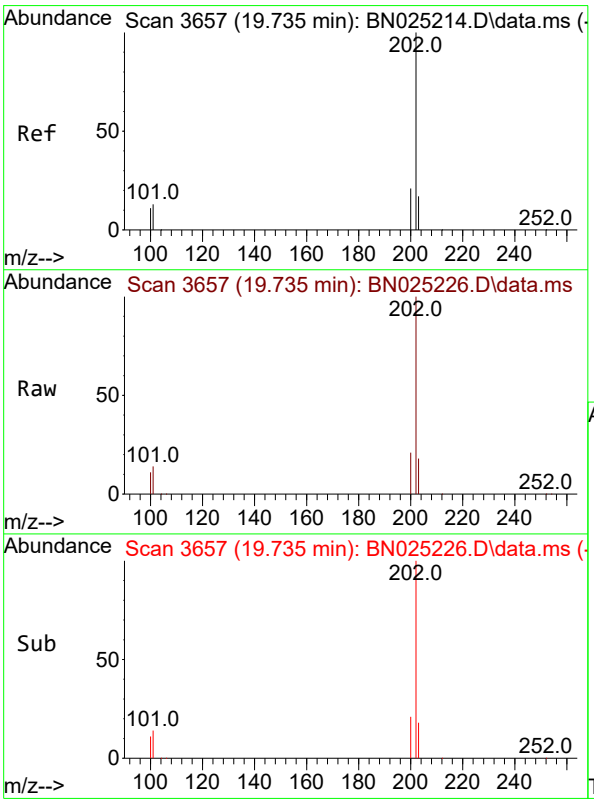
#19
Fluoranthene
Concen: 13.197 ng/ul
RT: 19.368 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Instrument :
BNA_N
ClientSampleId :
EW927DL

Tgt Ion:202 Resp: 1678888

Ion	Ratio	Lower	Upper
202	100		
101	12.8	9.7	14.5
100	9.6	7.3	10.9

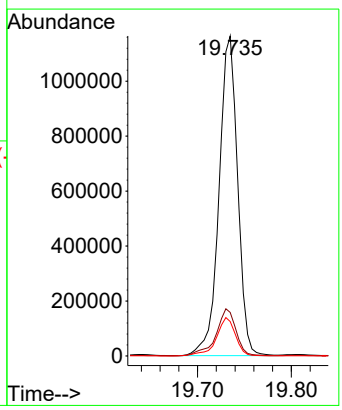


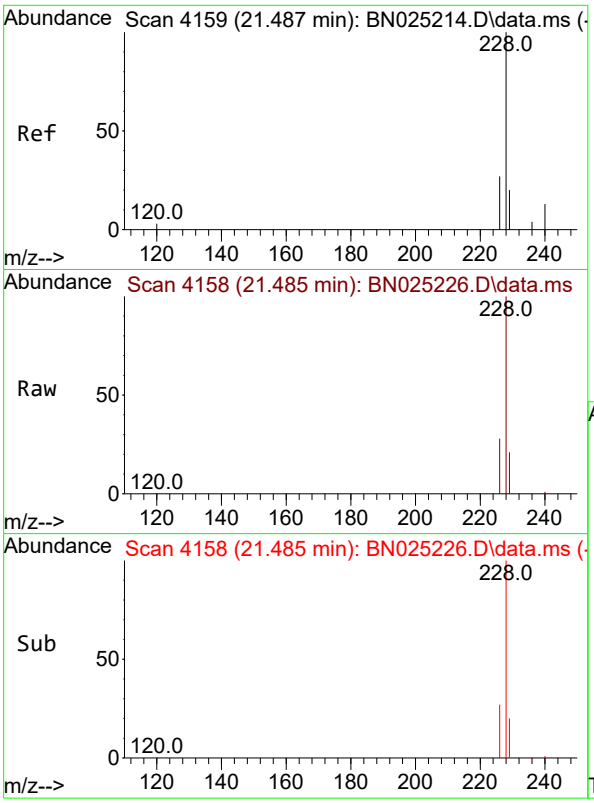


#20
Pyrene
Concen: 12.250 ng/ul
RT: 19.735 min Scan# 3657
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Tgt Ion:202 Resp: 1601176

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.3	16.9
100	10.7	9.2	13.8



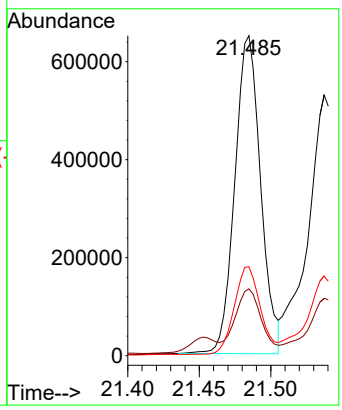


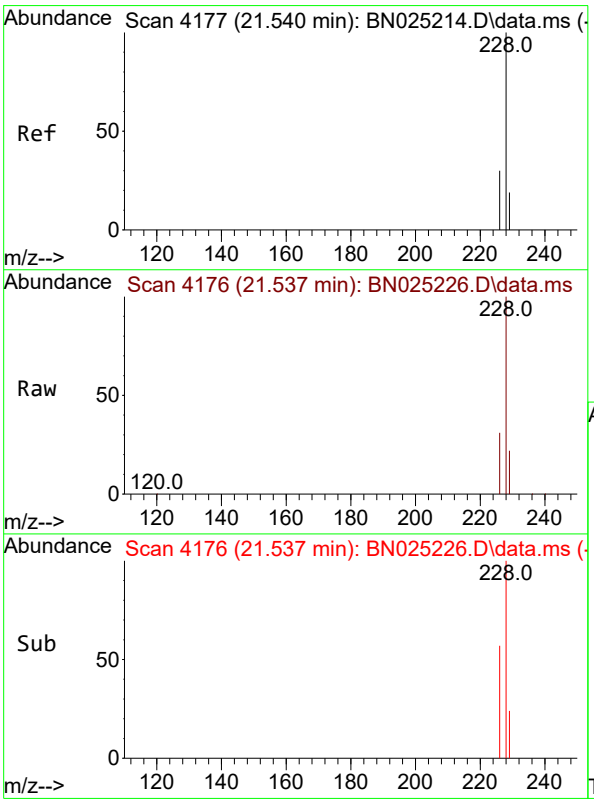
#21
Benzo(a)anthracene
Concen: 7.692 ng/ul
RT: 21.485 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Instrument :
BNA_N
ClientSampleId :
EW927DL

Tgt Ion:228 Resp: 815411

Ion	Ratio	Lower	Upper
228	100		
229	20.9	15.6	23.4
226	27.8	22.1	33.1

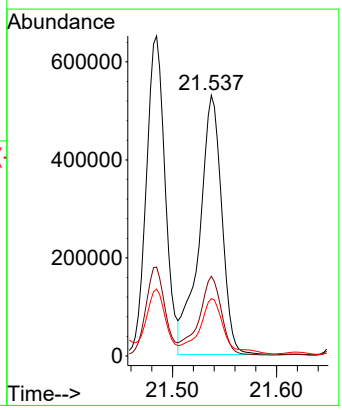


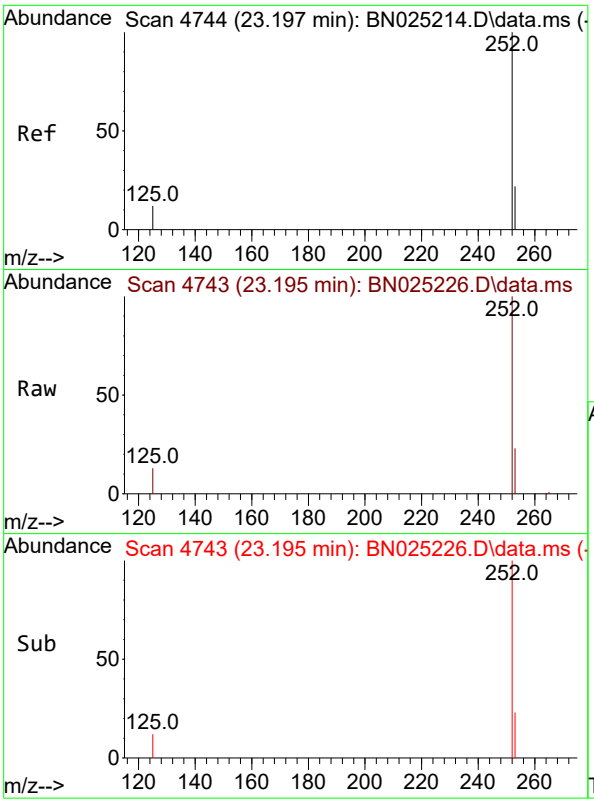


#22
Chrysene
Concen: 6.862 ng/ul
RT: 21.537 min Scan# 4176
Delta R.T. -0.003 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Tgt Ion:228 Resp: 793611

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	22.0	15.8	23.6



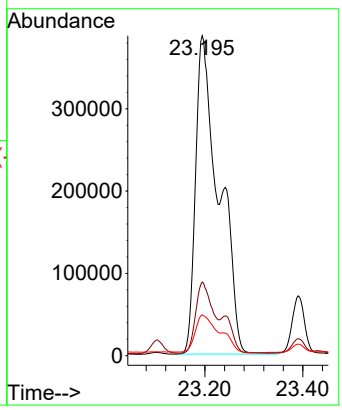


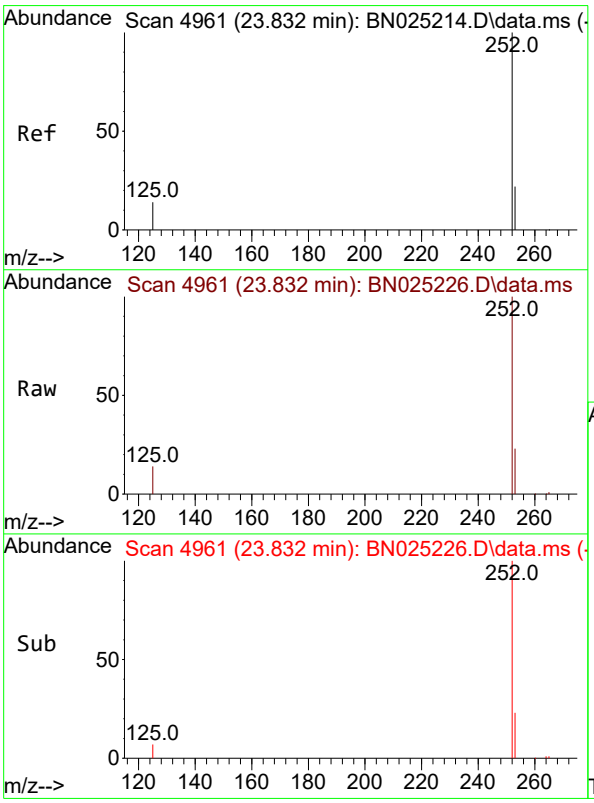
#24
Benzo(b)fluoranthene
Concen: 9.392 ng/ul
RT: 23.195 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Instrument :
BNA_N
ClientSampleId :
EW927DL

Tgt Ion:252 Resp: 1287984

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	50.2
125	12.7	0.0	30.4

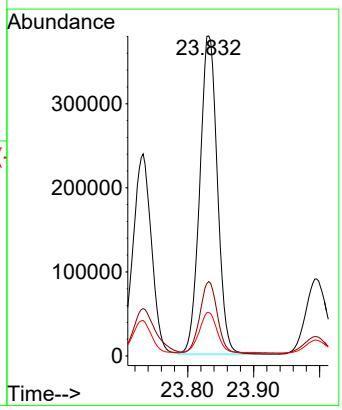


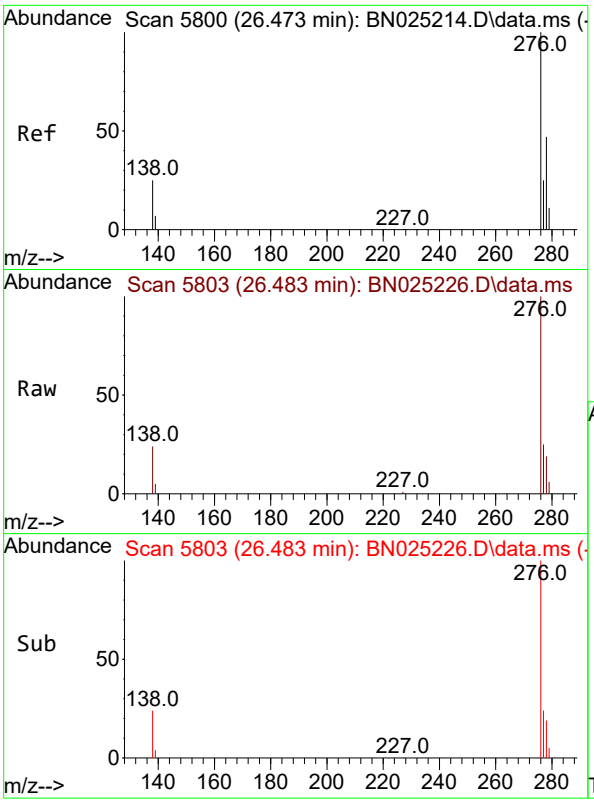


#26
Benzo(a)pyrene
Concen: 6.192 ng/ul
RT: 23.832 min Scan# 4961
Delta R.T. 0.000 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Tgt Ion:252 Resp: 702599

Ion	Ratio	Lower	Upper
252	100		
253	23.3	21.4	32.2
125	13.6	14.6	22.0#



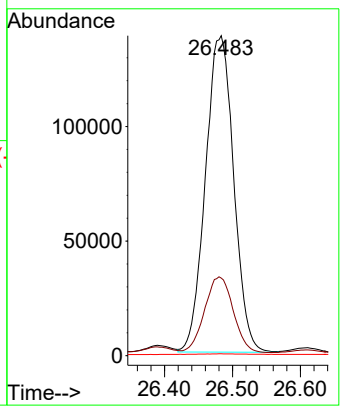


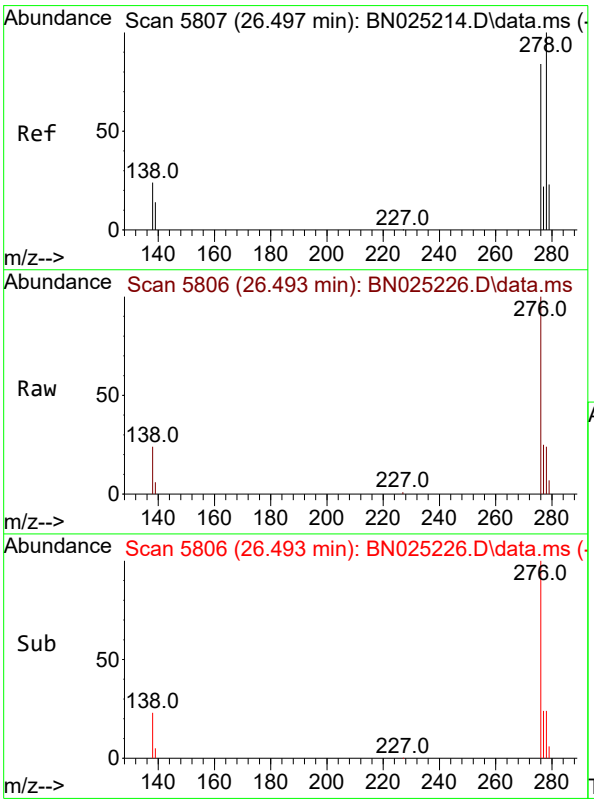
#27
Indeno(1,2,3-cd)pyrene
Concen: 3.056 ng/ul
RT: 26.483 min Scan# 5
Delta R.T. 0.010 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Instrument :
BNA_N
ClientSampleId :
EW927DL

Tgt Ion:276 Resp: 399505

Ion	Ratio	Lower	Upper
276	100		
138	24.2	21.9	32.9
227	0.3	0.1	0.1#

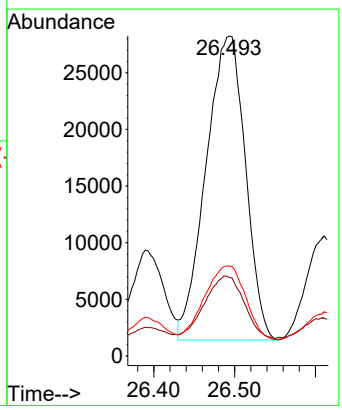


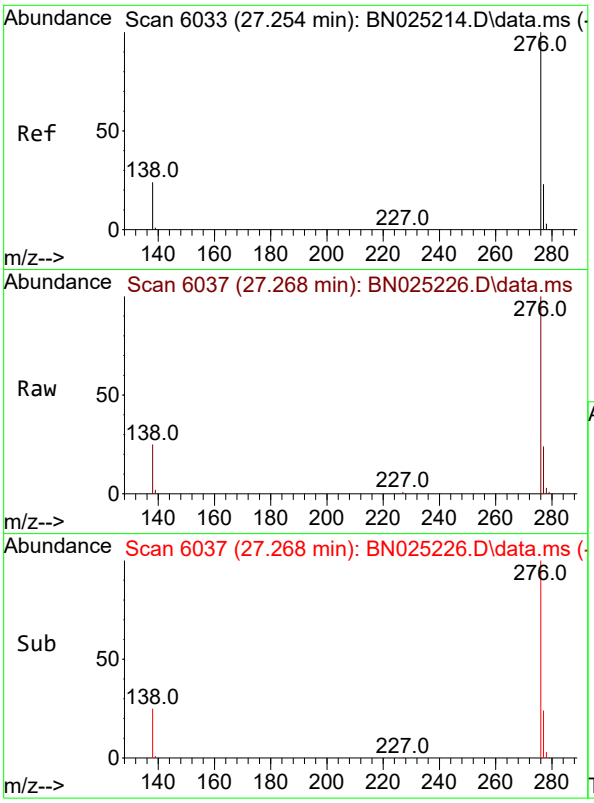


#28
Dibenzo(a,h)anthracene
Concen: 0.891 ng/ul
RT: 26.493 min Scan# 5806
Delta R.T. -0.003 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Tgt Ion:278 Resp: 90974

Ion	Ratio	Lower	Upper
278	100		
139	24.6	17.0	25.6
279	28.0	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 3.057 ng/ul
RT: 27.268 min Scan# 6
Delta R.T. 0.014 min
Lab File: BN025226.D
Acq: 02 May 2023 18:35

Instrument :
BNA_N
ClientSampleId :
EW927DL

Tgt Ion:276 Resp: 339844

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.3	30.5
277	24.4	19.8	29.6