Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050223\
Data File : BN025229.D
Acq On : 02 May 2023 20:23
Operator : CG/JU
Sample : 02419-35DL 5X
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW930DL

Quant Time: May 03 02:31:03 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	8475	0.400	ng/ul	0.00
4) Naphthalene-d8	10.721	136	31522	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.561	164	19362	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	42443	0.400	ng/ul	0.00
17) Chrysene-d12	21.505	240	34277	0.400	ng/ul	0.00
23) Perylene-d12	23.952	264	32800	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	4748	0.541	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	1481	0.037	ng/ul	0.00
18) Fluoranthene-d10	19.340	212	3837	0.042	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.770	128	7391	0.092	ng/ul#	96
7) 2-Methylnaphthalene	12.387	142	3060	0.062	ng/ul	100
8) 1-Methylnaphthalene	12.607	142	2521	0.048	ng/ul	98
10) Acenaphthylene	14.283	152	3820	0.053	ng/ul#	89
11) Acenaphthene	14.621	153	13433	0.221	ng/ul	99
12) Fluorene	15.611	166	13557	0.199	ng/ul	99
15) Phenanthrene	17.351	178	205878	1.718	ng/ul	99
16) Anthracene	17.440	178	42951	0.438	ng/ul	99
19) Fluoranthene	19.368	202	430124	3.470	ng/ul	100
20) Pyrene	19.730	202	365404	2.869	ng/ul	98
21) Benzo(a)anthracene	21.488	228	178817	1.731	ng/ul	99
22) Chrysene	21.541	228	173967	1.544	ng/ul	98
24) Benzo(b)fluoranthene	23.204	252	308418	2.318	ng/ul	98
26) Benzo(a)pyrene	23.844	252	146734	1.333	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.494	276	90154	0.711	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.510	278	21835	0.220	ng/ul#	82
29) Benzo(g,h,i)perylene	27.279	276	83756	0.776	ng/ul	98

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

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Instrument :
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Quant Time: May 03 02:31:03 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 02 16:21:17 2023
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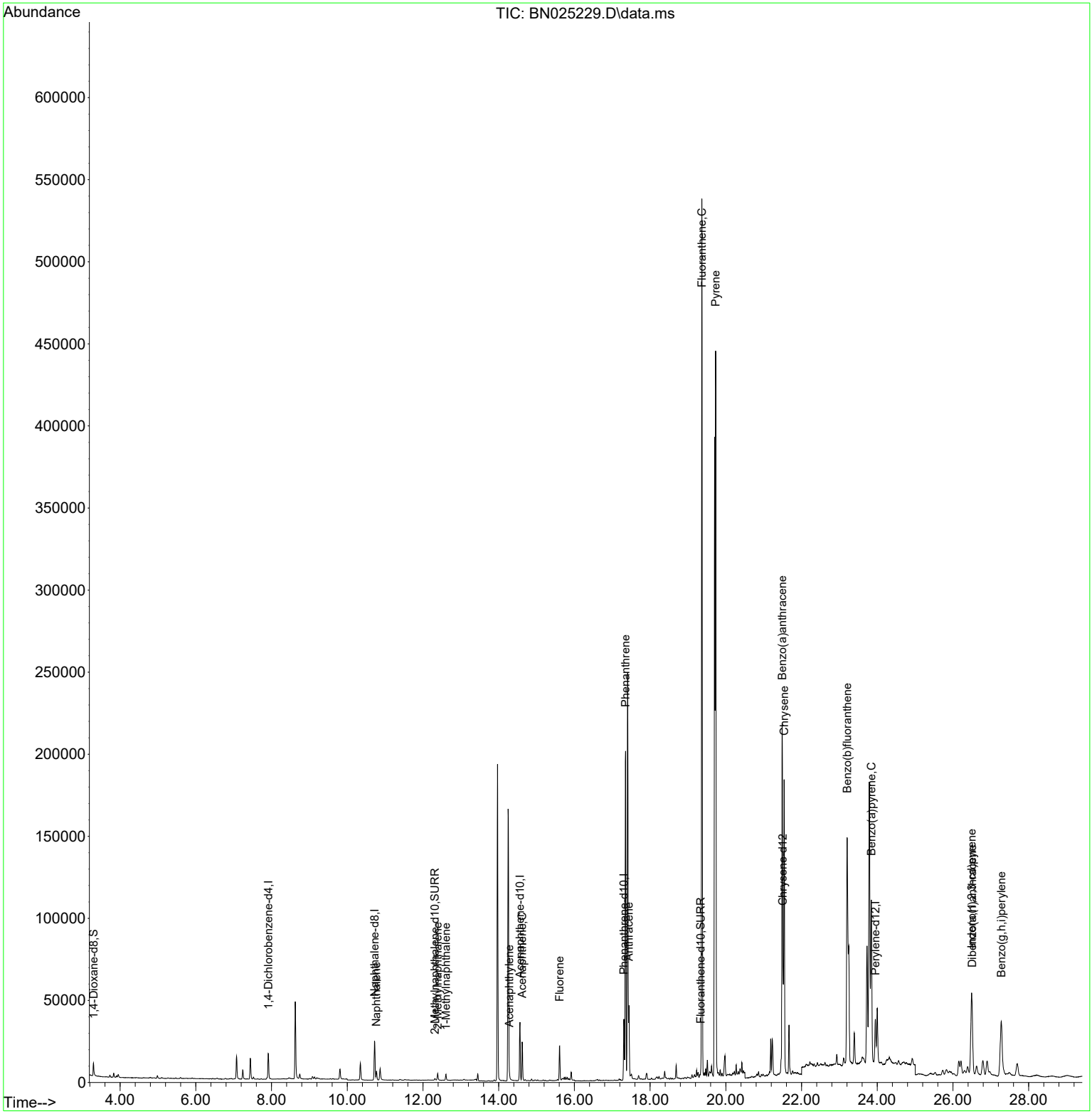
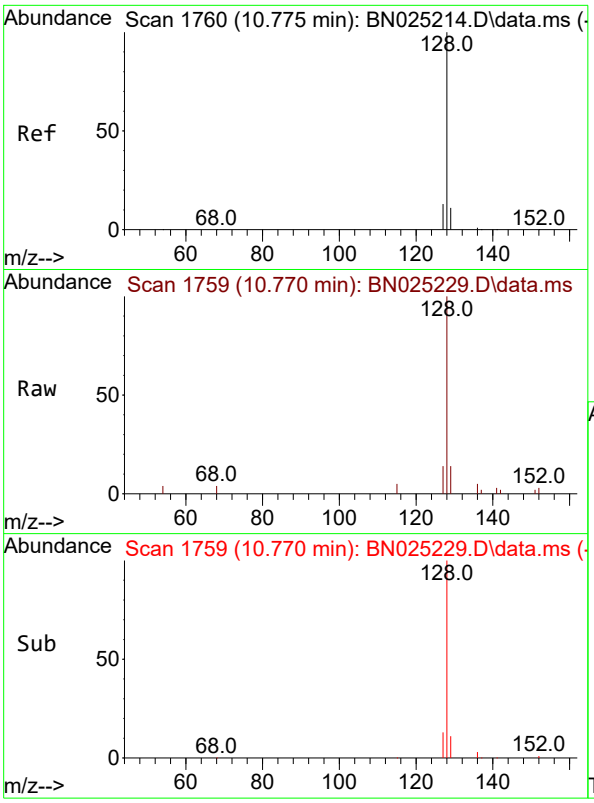


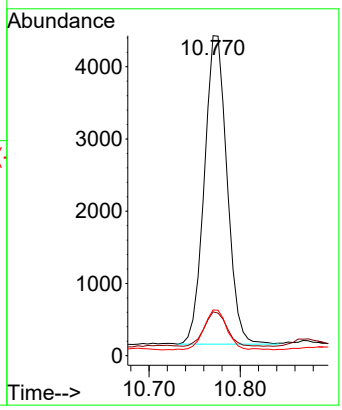


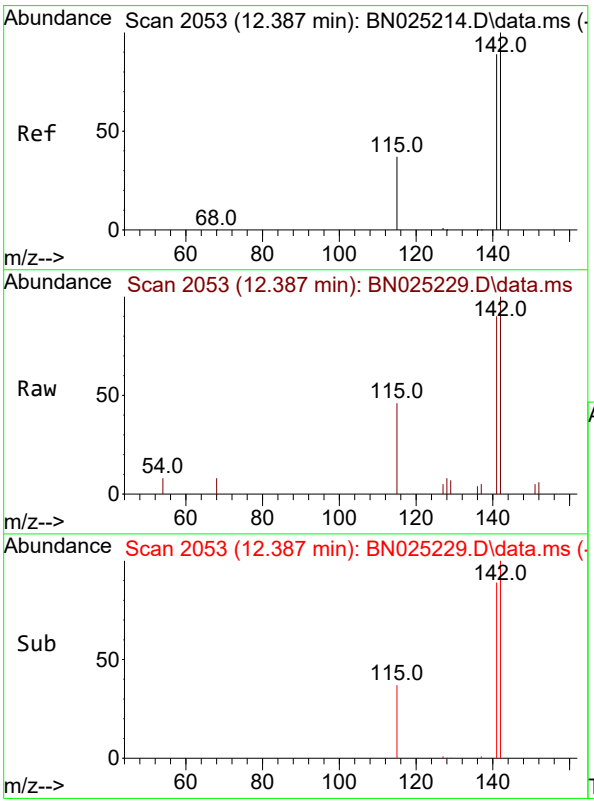
#5
Naphthalene
Concen: 0.092 ng/ul
RT: 10.770 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Instrument :
BNA_N
ClientSampleId :
EW930DL

Tgt Ion:128 Resp: 7391

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.0	13.6#
127	14.3	10.7	16.1

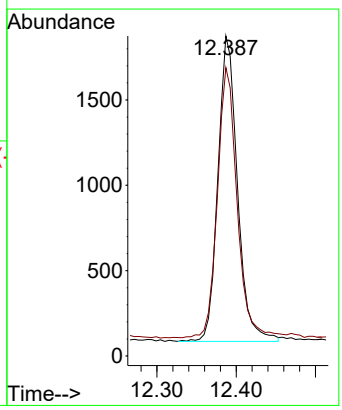


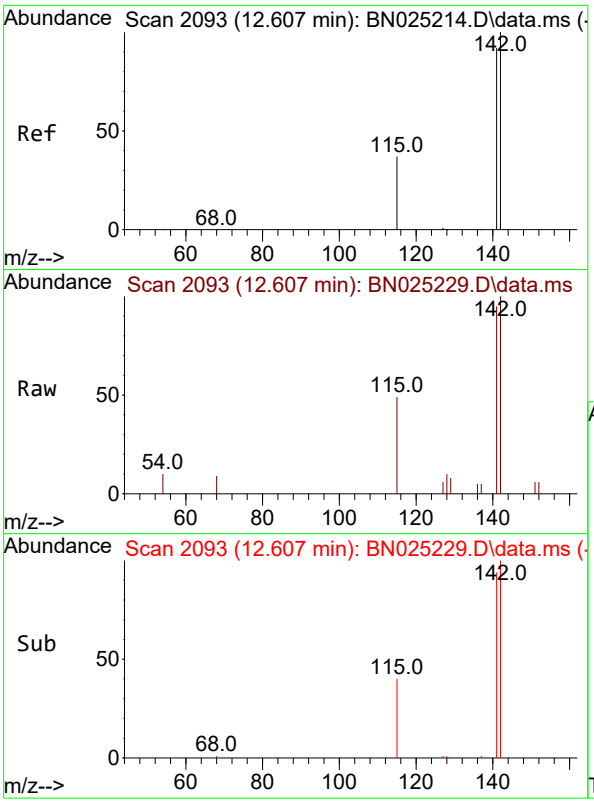


#7
2-Methylnaphthalene
Concen: 0.062 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.000 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Tgt Ion:142 Resp: 3060

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.0



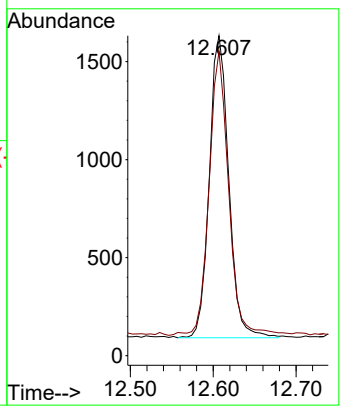


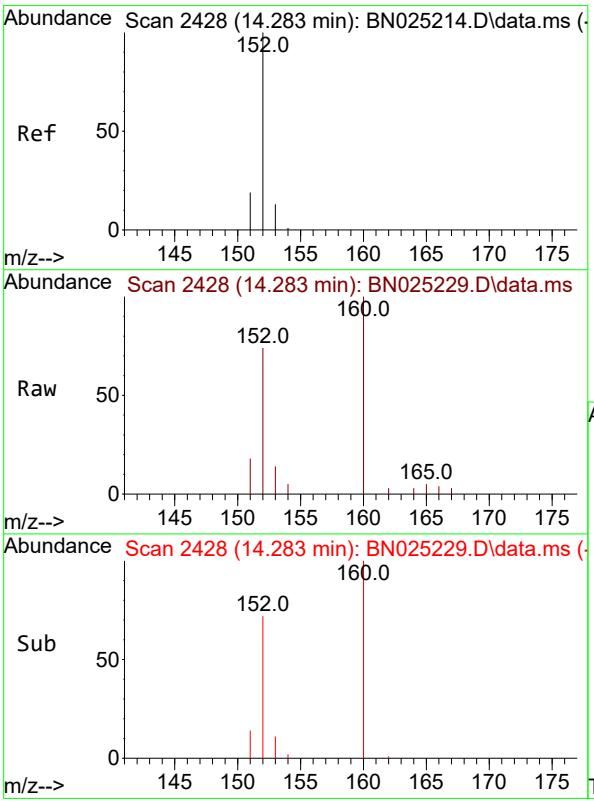
#8
1-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.607 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Instrument :
BNA_N
ClientSampleId :
EW930DL

Tgt Ion:142 Resp: 2521

Ion	Ratio	Lower	Upper
142	100		
141	93.7	73.8	110.6

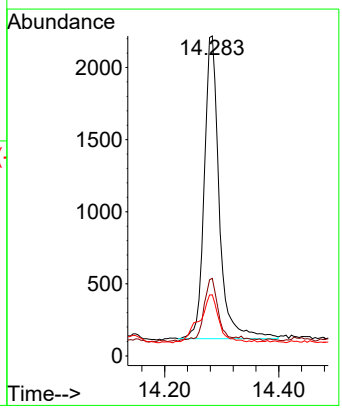


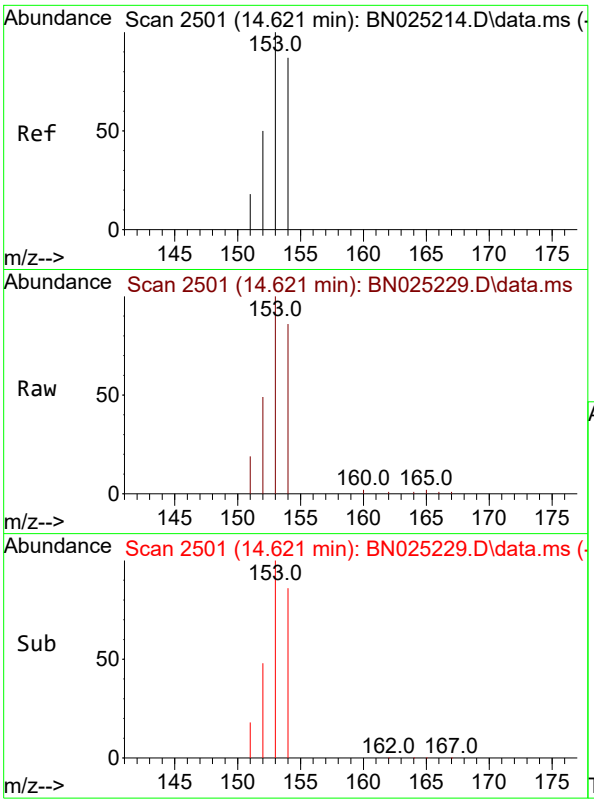


#10
Acenaphthylene
Concen: 0.053 ng/ul
RT: 14.283 min Scan# 2428
Delta R.T. 0.000 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Tgt Ion:152 Resp: 3820

Ion	Ratio	Lower	Upper
152	100		
151	24.2	16.0	24.0#
153	19.1	10.8	16.2#



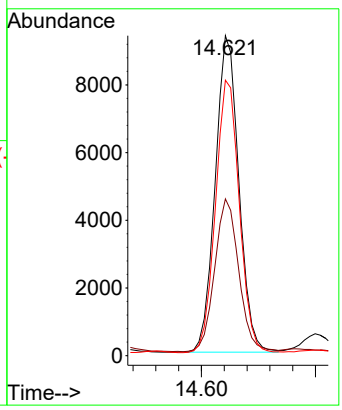


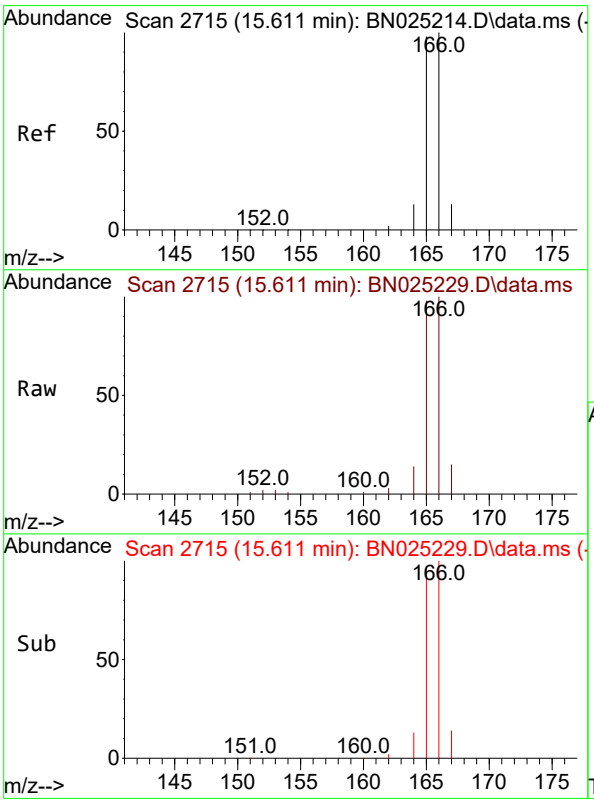
#11
Acenaphthene
Concen: 0.221 ng/ul
RT: 14.621 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Instrument :
BNA_N
ClientSampleId :
EW930DL

Tgt Ion:153 Resp: 13433

Ion	Ratio	Lower	Upper
153	100		
152	49.0	40.2	60.4
154	86.1	69.4	104.2

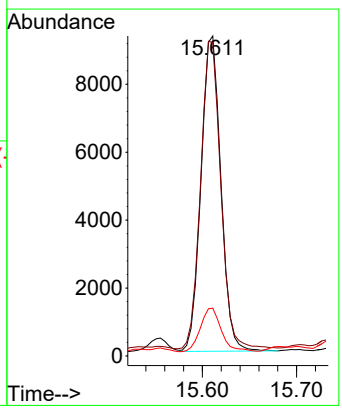


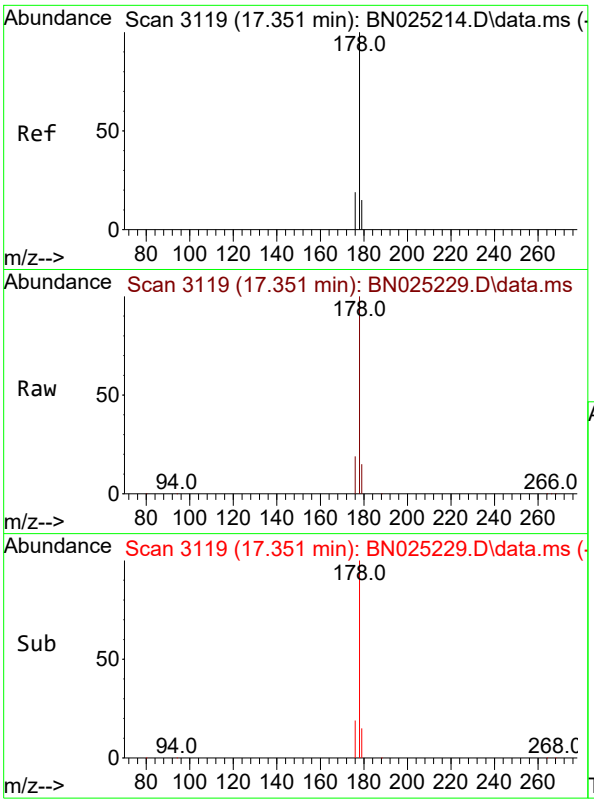


#12
Fluorene
Concen: 0.199 ng/ul
RT: 15.611 min Scan# 2715
Delta R.T. 0.000 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Tgt Ion:166 Resp: 13557

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.1	117.1
167	15.0	11.0	16.6



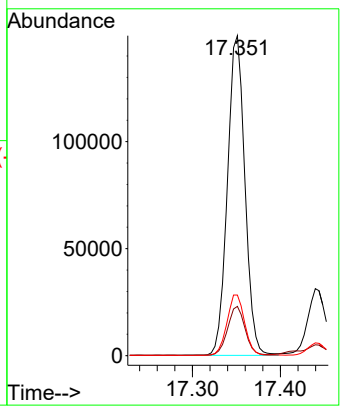


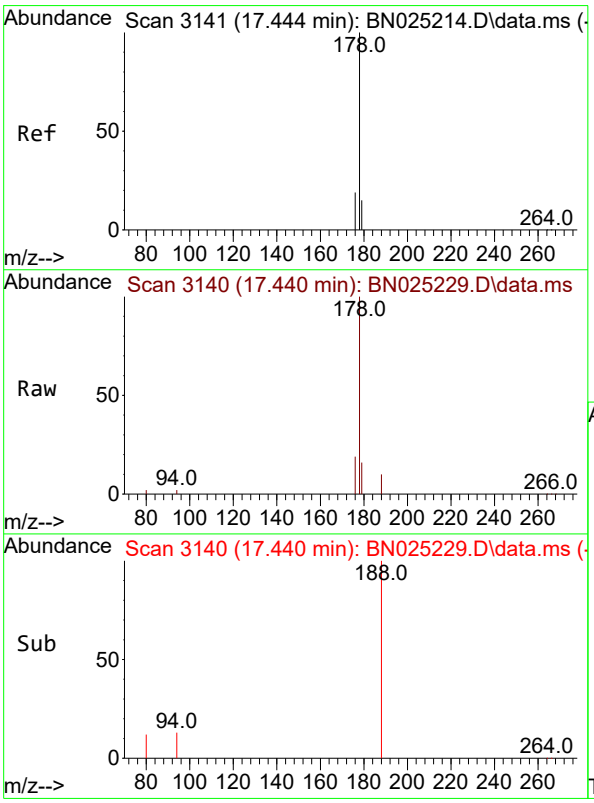
#15
Phenanthrene
Concen: 1.718 ng/ul
RT: 17.351 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Instrument :
BNA_N
ClientSampleId :
EW930DL

Tgt Ion:178 Resp: 205878

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.0	15.6	23.4

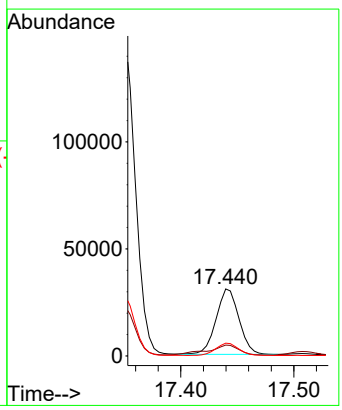


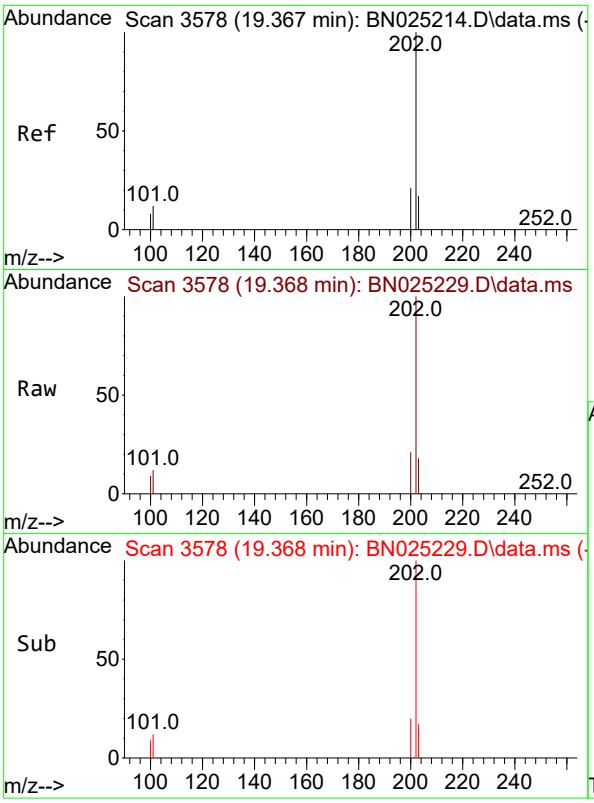


#16
Anthracene
Concen: 0.438 ng/ul
RT: 17.440 min Scan# 3140
Delta R.T. -0.004 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Tgt Ion:178 Resp: 42951

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.7	19.1
176	19.0	15.3	22.9



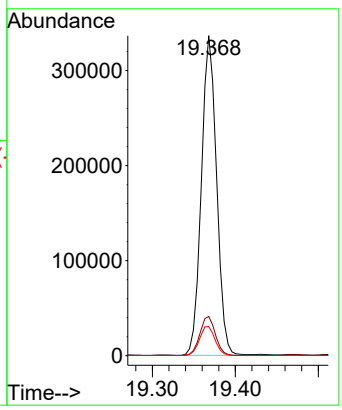


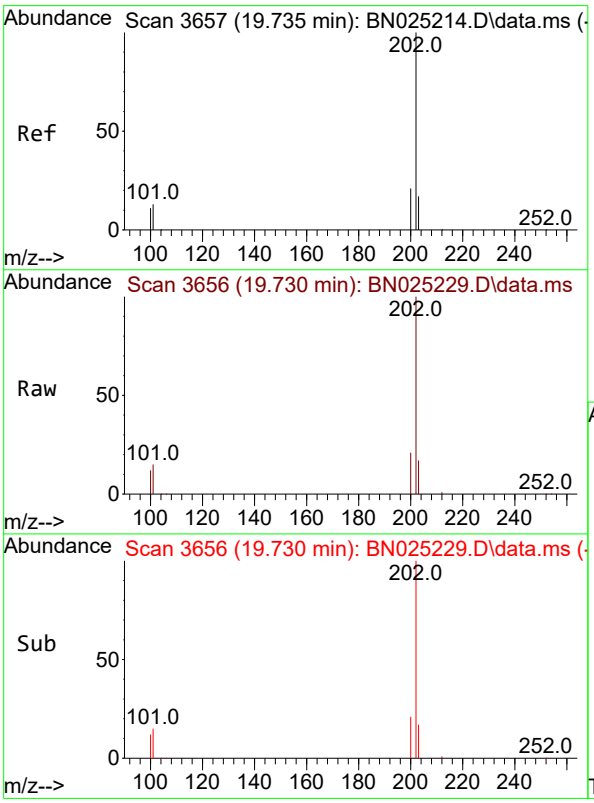
#19
Fluoranthene
Concen: 3.470 ng/ul
RT: 19.368 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Instrument :
BNA_N
ClientSampleId :
EW930DL

Tgt Ion:202 Resp: 430124

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.7	14.5
100	9.1	7.3	10.9

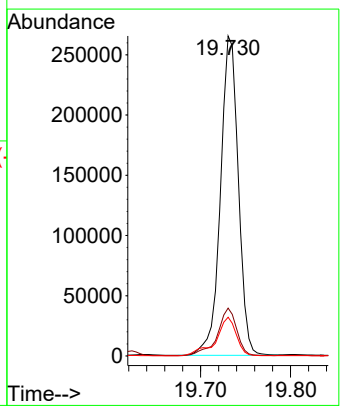


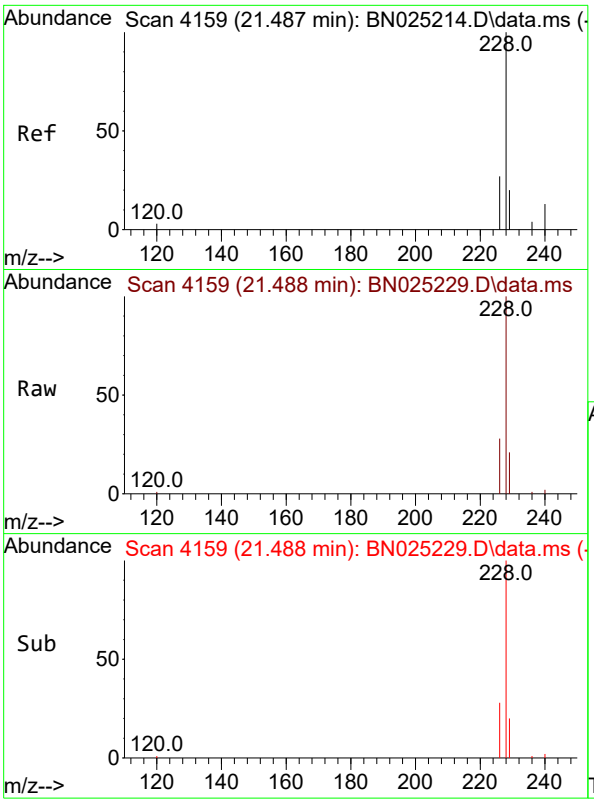


#20
Pyrene
Concen: 2.869 ng/ul
RT: 19.730 min Scan# 3656
Delta R.T. -0.004 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Tgt Ion:202 Resp: 365404

Ion	Ratio	Lower	Upper
202	100		
101	15.0	11.3	16.9
100	12.1	9.2	13.8



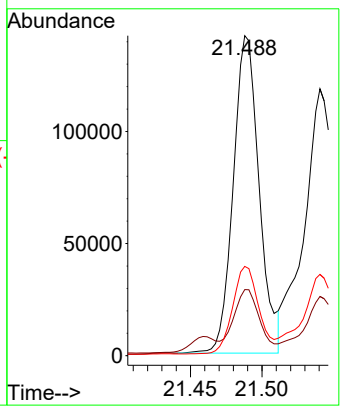


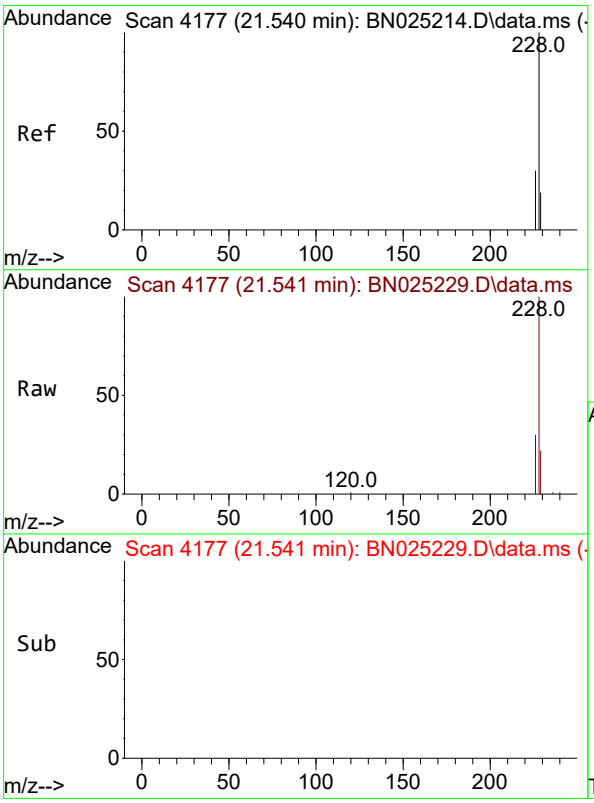
#21
Benzo(a)anthracene
Concen: 1.731 ng/ul
RT: 21.488 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Instrument :
BNA_N
ClientSampleId :
EW930DL

Tgt Ion:228 Resp: 178817

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	27.9	22.1	33.1

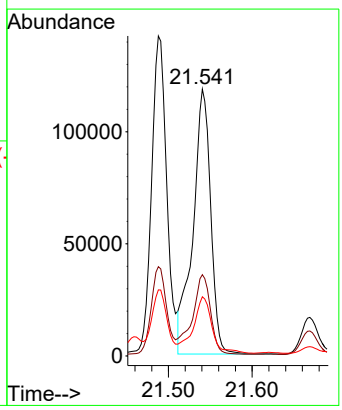


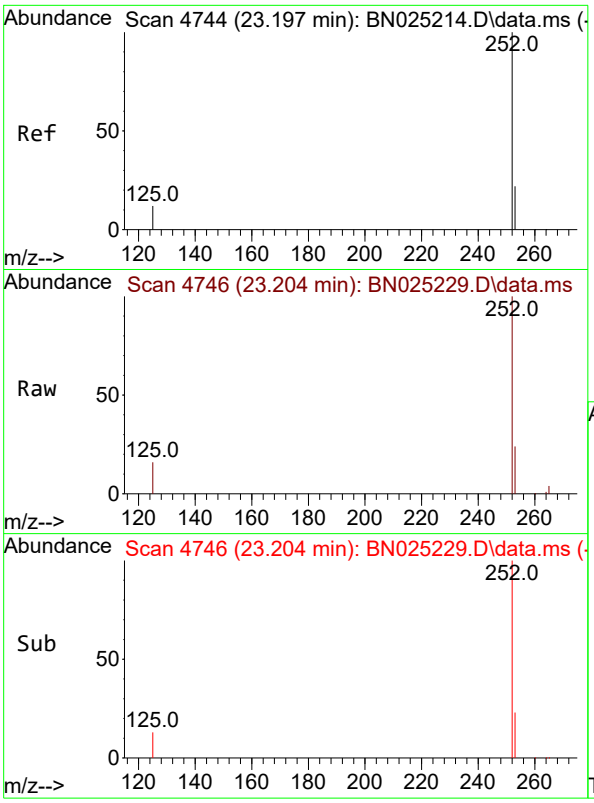


#22
Chrysene
Concen: 1.544 ng/ul
RT: 21.541 min Scan# 4177
Delta R.T. 0.001 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Tgt Ion:228 Resp: 173967

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.5	36.7
229	22.2	15.8	23.6



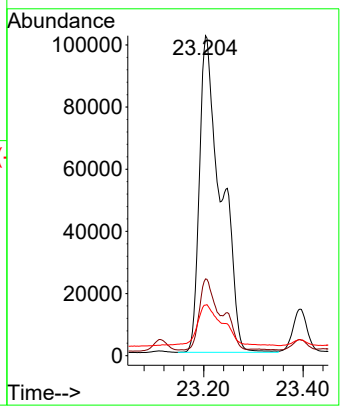


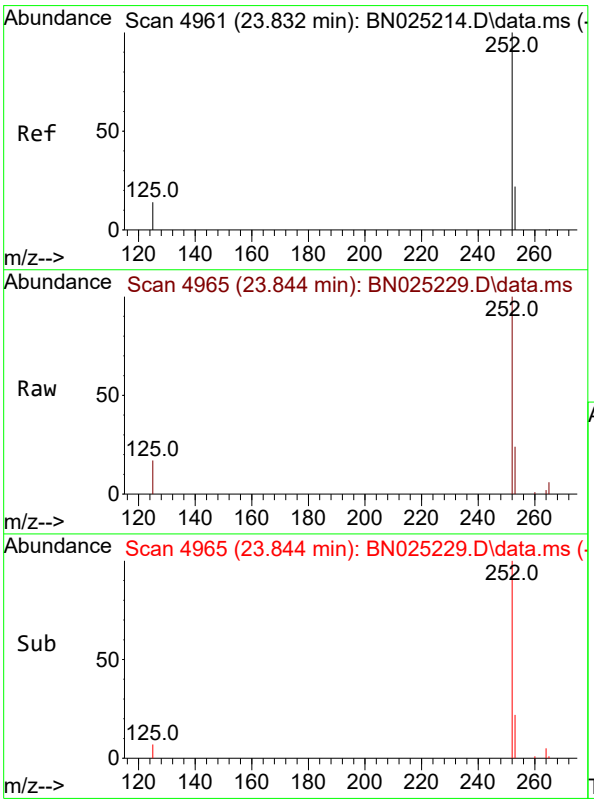
#24
Benzo(b)fluoranthene
Concen: 2.318 ng/ul
RT: 23.204 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Instrument :
BNA_N
ClientSampleId :
EW930DL

Tgt Ion:252 Resp: 308418

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	50.2
125	15.8	0.0	30.4

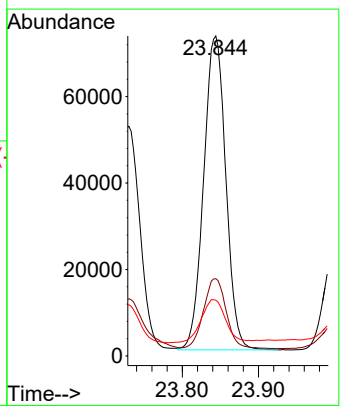


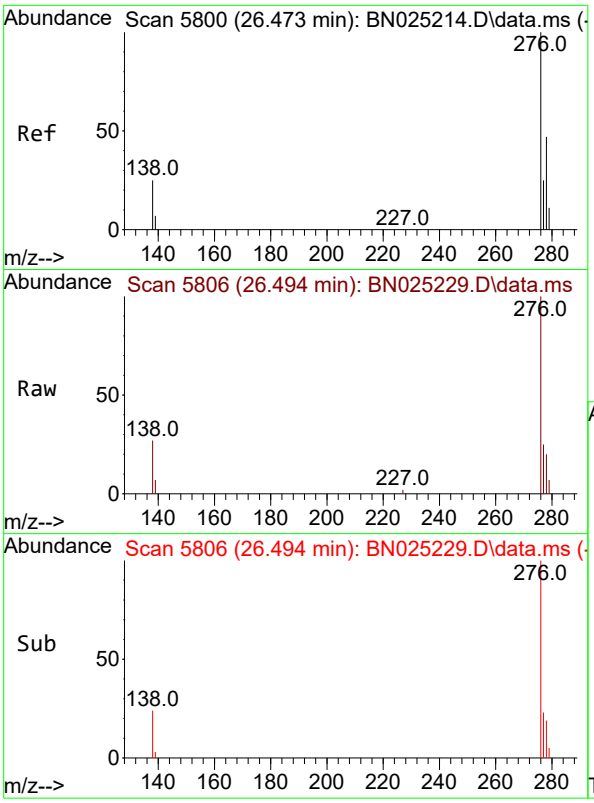


#26
Benzo(a)pyrene
Concen: 1.333 ng/ul
RT: 23.844 min Scan# 4965
Delta R.T. 0.012 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Tgt Ion:252 Resp: 146734

Ion	Ratio	Lower	Upper
252	100		
253	24.2	21.4	32.2
125	17.5	14.6	22.0



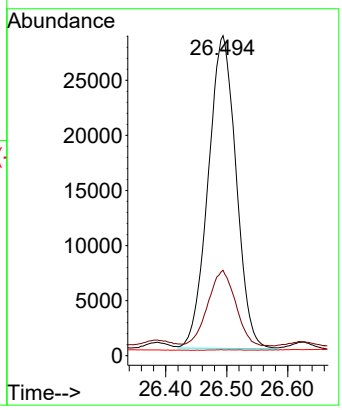


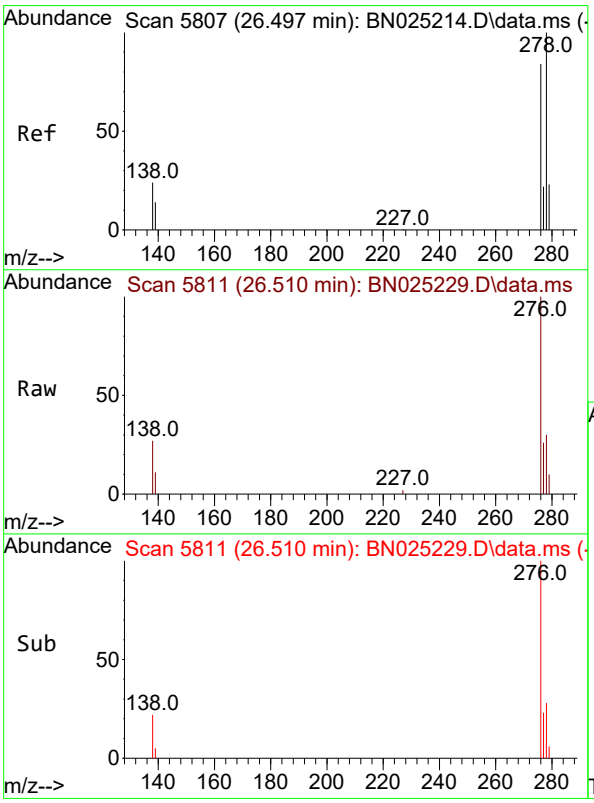
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.711 ng/ul
RT: 26.494 min Scan# 5
Delta R.T. 0.021 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Instrument :
BNA_N
ClientSampleId :
EW930DL

Tgt Ion:276 Resp: 90154

Ion	Ratio	Lower	Upper
276	100		
138	24.1	21.9	32.9
227	0.0	0.1	0.1#

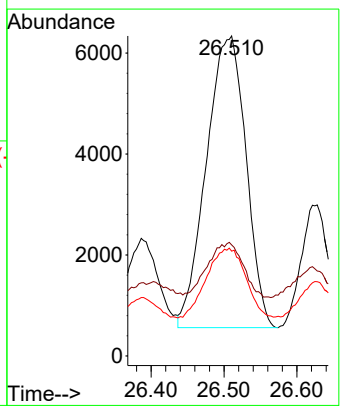


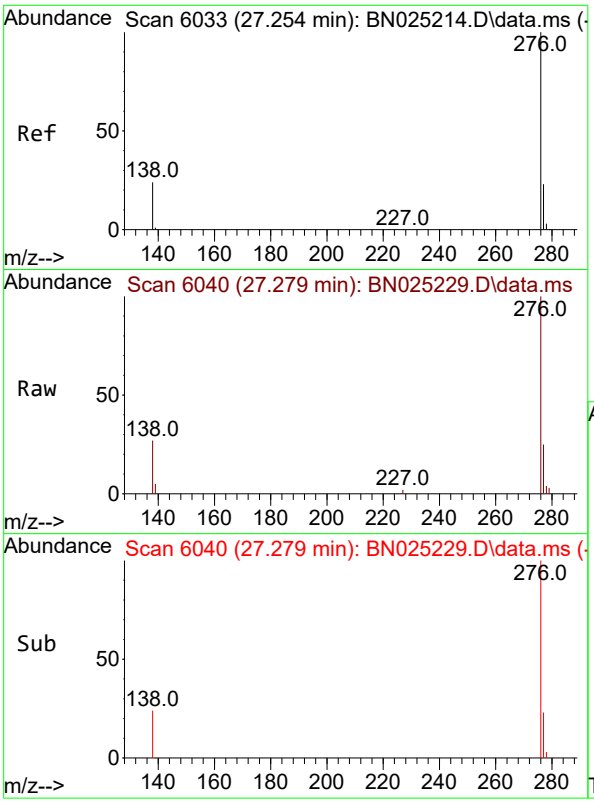


#28
Dibenzo(a,h)anthracene
Concen: 0.220 ng/ul
RT: 26.510 min Scan# 5811
Delta R.T. 0.014 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Tgt Ion:278 Resp: 21835

Ion	Ratio	Lower	Upper
278	100		
139	34.7	17.0	25.6#
279	32.8	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 0.776 ng/ul
RT: 27.279 min Scan# 6
Delta R.T. 0.024 min
Lab File: BN025229.D
Acq: 02 May 2023 20:23

Instrument :
BNA_N
ClientSampleId :
EW930DL

Tgt Ion:276 Resp: 83756

Ion	Ratio	Lower	Upper
276	100		
138	26.8	20.3	30.5
277	25.0	19.8	29.6