Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
Data File : BN025277.D
Acq On : 05 May 2023 13:07
Operator : CG/JU
Sample : 02447-14DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW934DL

Quant Time: May 06 04:06:48 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 : Fri May 05 11:29:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.908	152	9378	0.400	ng/ul		0.00
4) Naphthalene-d8	10.721	136	29641	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.556	164	17160	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.305	188	36536	0.400	ng/ul	#	0.00
17) Chrysene-d12	21.502	240	20311	0.400	ng/ul	#	0.00
23) Perylene-d12	23.937	264	21535	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.293	96	4108	0.423	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.310	152	1147	0.030	ng/ul		0.00
18) Fluoranthene-d10	19.335	212	2124	0.040	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.770	128	4090	0.054	ng/ul	#	91
7) 2-Methylnaphthalene	12.387	142	2378	0.051	ng/ul		97
8) 1-Methylnaphthalene	12.601	142	1700	0.034	ng/ul		97
10) Acenaphthylene	14.279	152	5789	0.091	ng/ul	#	91
11) Acenaphthene	14.621	153	1384	0.026	ng/ul		94
12) Fluorene	15.606	166	2056	0.034	ng/ul	#	89
15) Phenanthrene	17.347	178	36303	0.352	ng/ul		99
16) Anthracene	17.440	178	8146	0.097	ng/ul	#	90
19) Fluoranthene	19.367	202	79152	1.078	ng/ul		99
20) Pyrene	19.730	202	81833	1.084	ng/ul		99
21) Benzo(a)anthracene	21.485	228	45339	0.741	ng/ul	#	91
22) Chrysene	21.537	228	52383	0.785	ng/ul	#	91
24) Benzo(b)fluoranthene	23.197	252	121231	1.388	ng/ul		91
26) Benzo(a)pyrene	23.835	252	56568	0.783	ng/ul	#	89
27) Indeno(1,2,3-cd)pyrene	26.483	276	63662	0.764	ng/ul	#	97
28) Dibenzo(a,h)anthracene	26.493	278	15364	0.236	ng/ul	#	60
29) Benzo(g,h,i)perylene	27.271	276	82452	1.164	ng/ul		96

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
Data File : BN025277.D
Acq On : 05 May 2023 13:07
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Misc :
ALS Vial : 8 Sample Multiplier: 1

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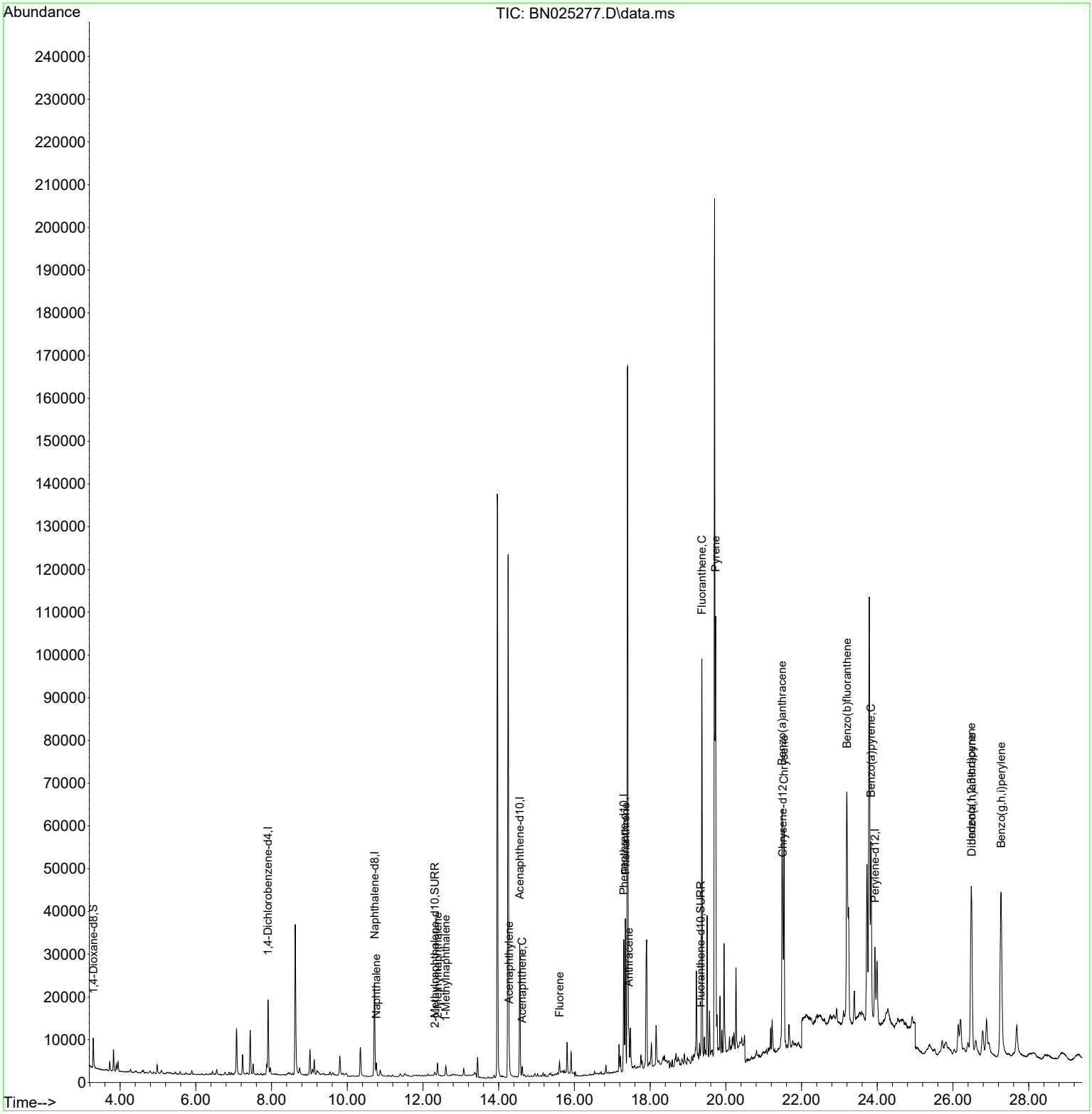
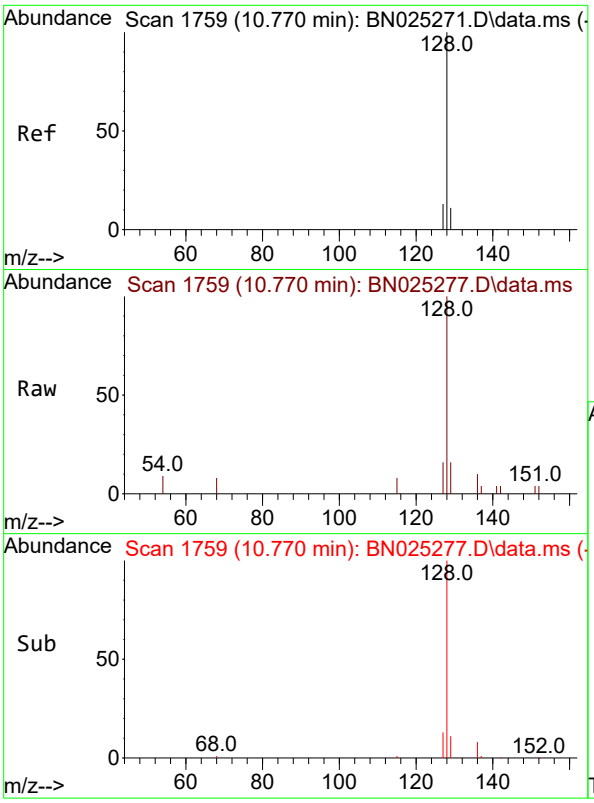
EW934DL

Quant Time: May 06 04:06:48 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 : Fri May 05 11:29:16 2023
Response via : Initial Calibration



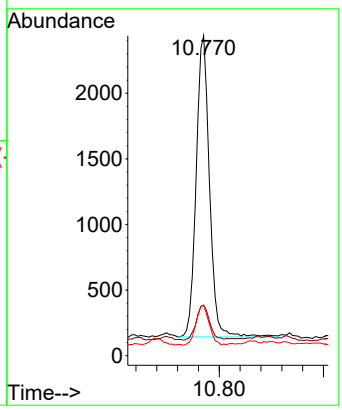


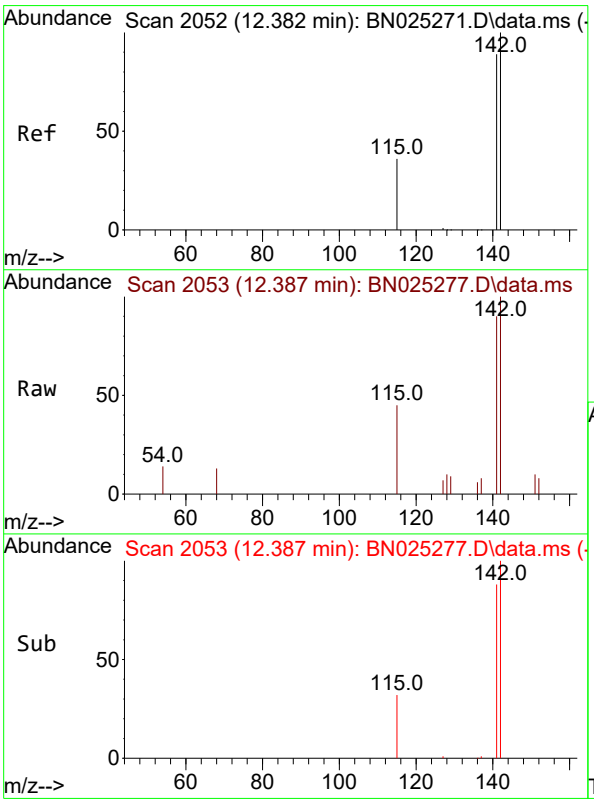
#5
Naphthalene
Concen: 0.054 ng/ul
RT: 10.770 min Scan# 1
Delta R.T. -0.000 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Instrument :
BNA_N
ClientSampleId :
EW934DL

Tgt Ion:128 Resp: 4090

Ion	Ratio	Lower	Upper
128	100		
129	15.8	9.0	13.6#
127	15.7	10.7	16.1

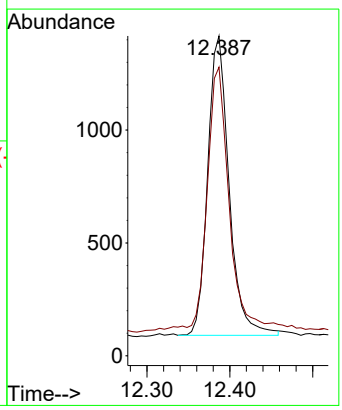


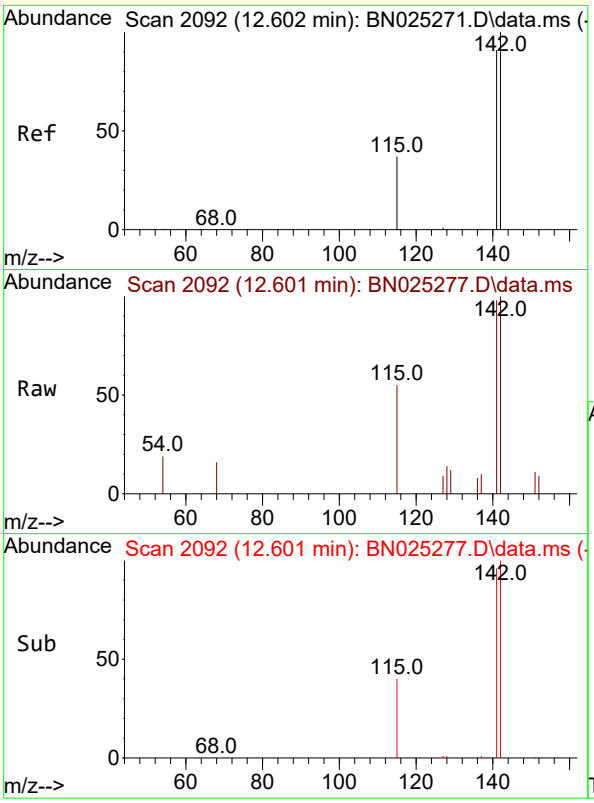


#7
2-Methylnaphthalene
Concen: 0.051 ng/ul
RT: 12.387 min Scan# 2053
Delta R.T. 0.005 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Tgt Ion:142 Resp: 2378

Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.4	107.0



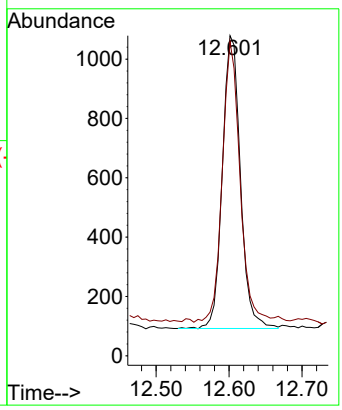


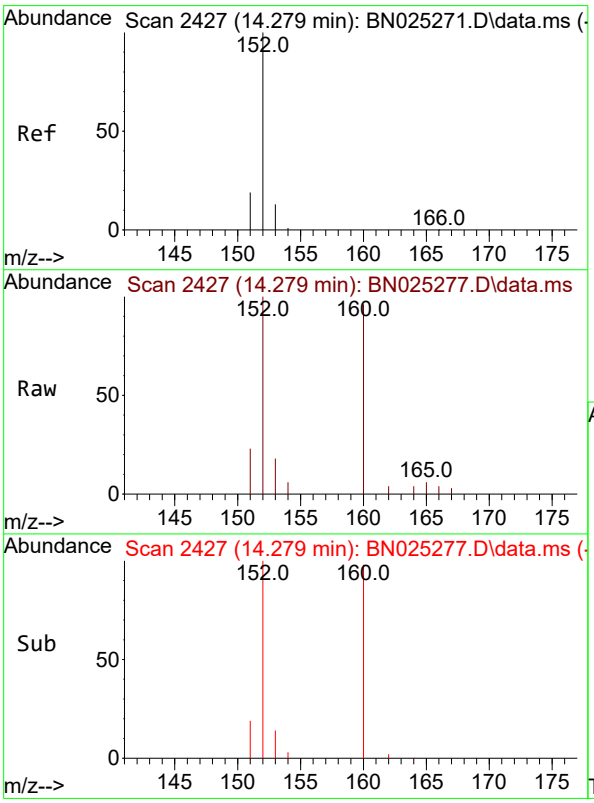
#8
1-Methylnaphthalene
Concen: 0.034 ng/ul
RT: 12.601 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Instrument :
BNA_N
ClientSampleId :
EW934DL

Tgt Ion:142 Resp: 1700

Ion	Ratio	Lower	Upper
142	100		
141	94.8	73.8	110.6

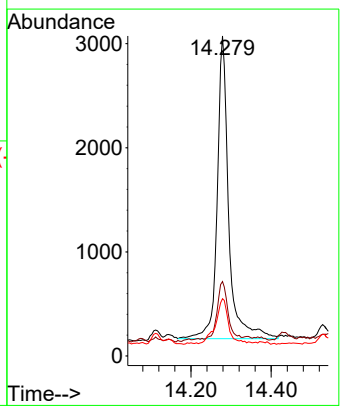


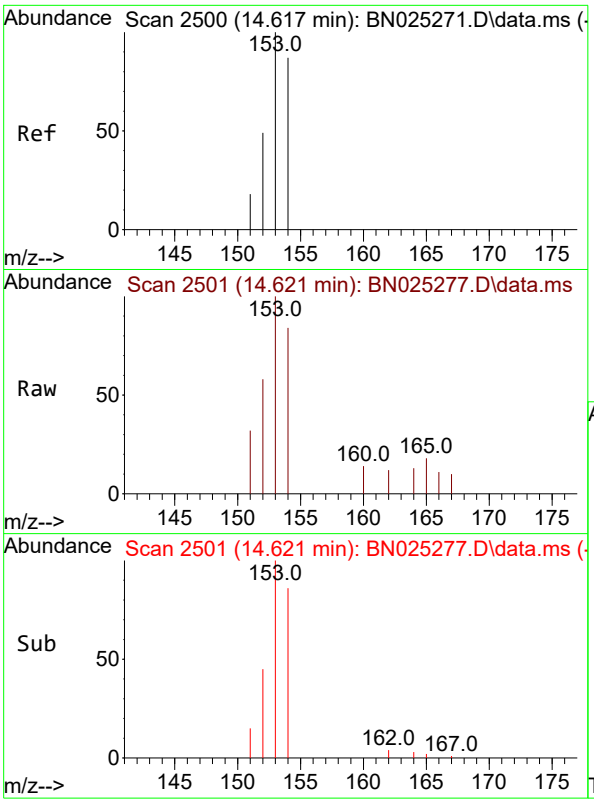


#10
Acenaphthylene
Concen: 0.091 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Tgt Ion:152 Resp: 5789

Ion	Ratio	Lower	Upper
152	100		
151	23.3	16.0	24.0
153	17.9	10.8	16.2#



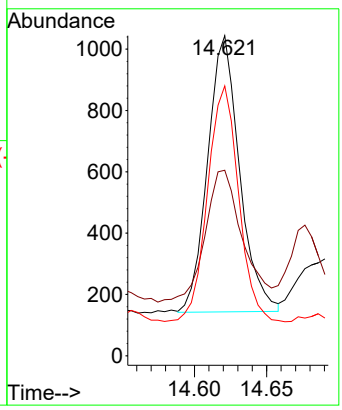


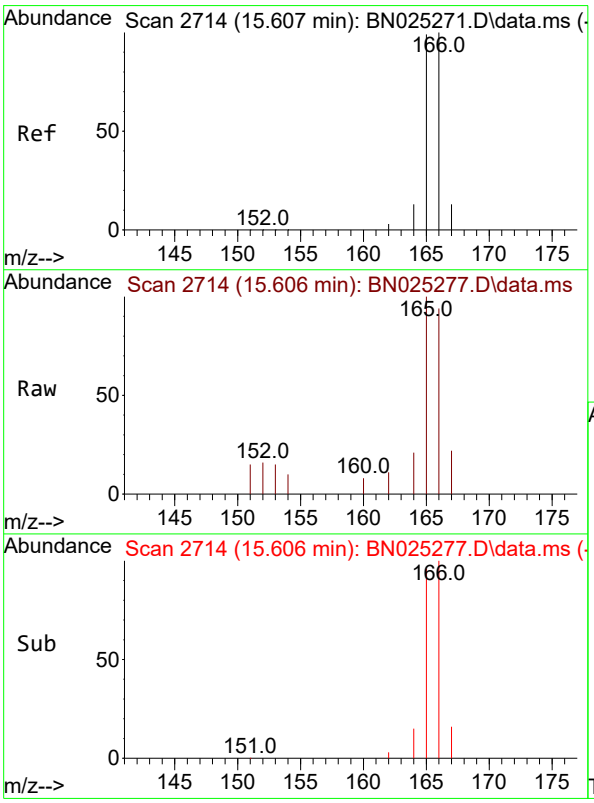
#11
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.621 min Scan# 2
Delta R.T. 0.004 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Instrument :
BNA_N
ClientSampleId :
EW934DL

Tgt Ion:153 Resp: 1384

Ion	Ratio	Lower	Upper
153	100		
152	58.0	40.2	60.4
154	84.3	69.4	104.2

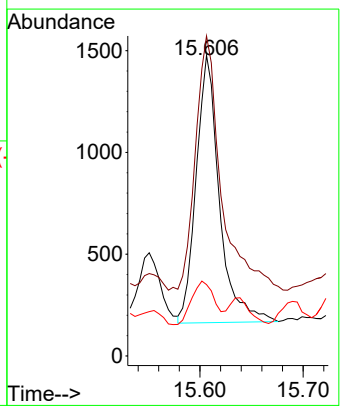


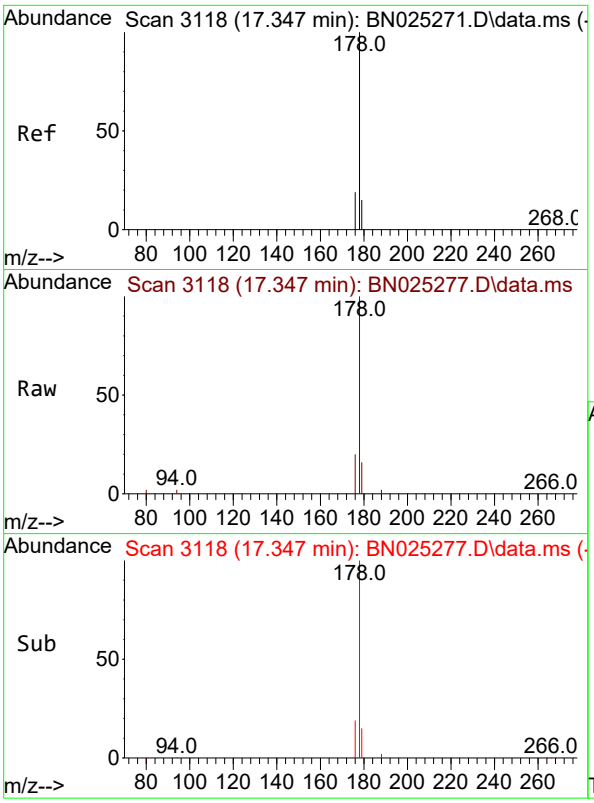


#12
Fluorene
Concen: 0.034 ng/ul
RT: 15.606 min Scan# 2714
Delta R.T. -0.000 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Tgt Ion:166 Resp: 2056

Ion	Ratio	Lower	Upper
166	100		
165	106.4	78.1	117.1
167	23.8	11.0	16.6#



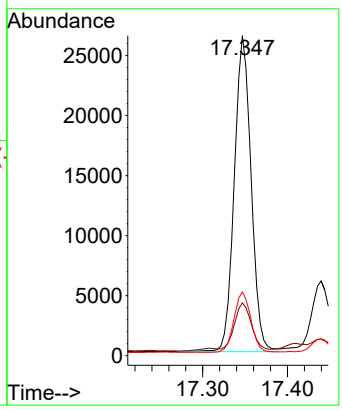


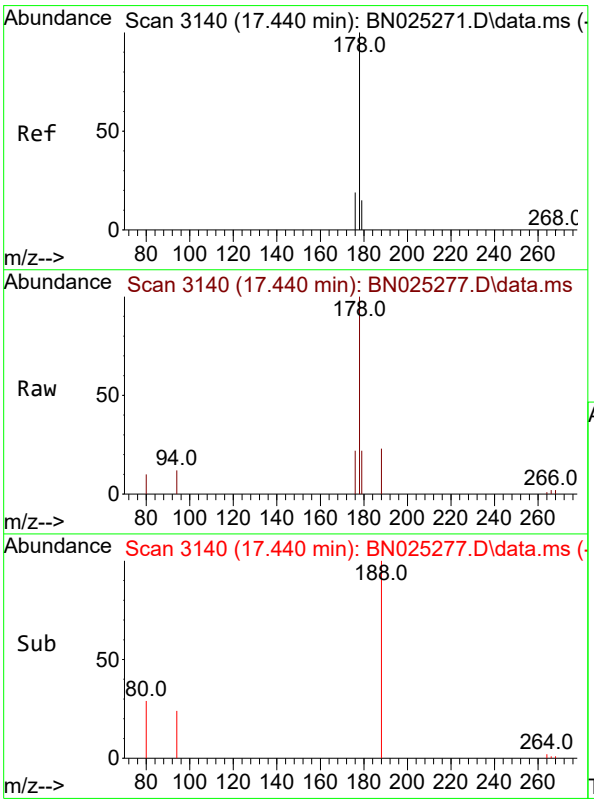
#15
Phenanthrene
Concen: 0.352 ng/ul
RT: 17.347 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Instrument :
BNA_N
ClientSampleId :
EW934DL

Tgt Ion:178 Resp: 36303

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.5	18.7
176	19.9	15.6	23.4

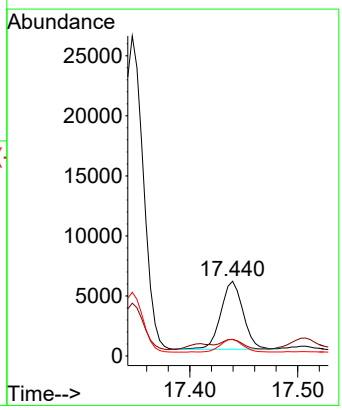


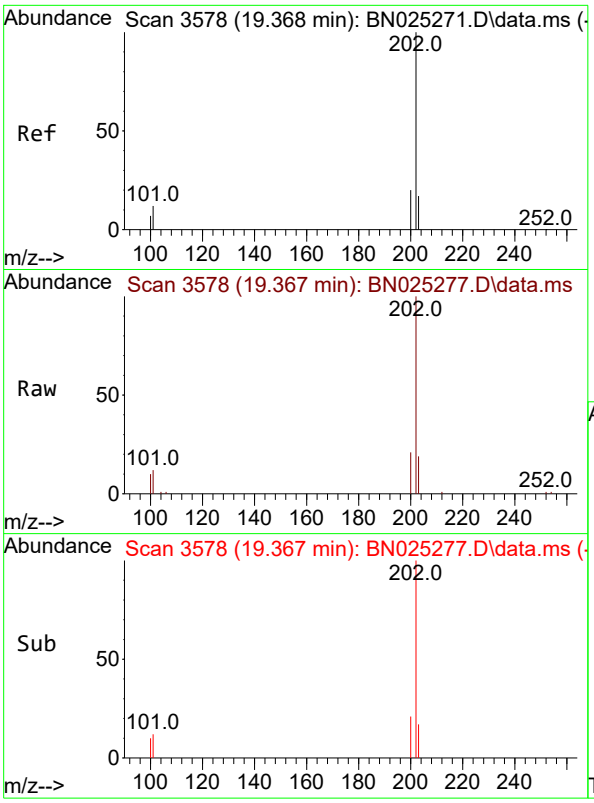


#16
Anthracene
Concen: 0.097 ng/ul
RT: 17.440 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Tgt Ion:178 Resp: 8146

Ion	Ratio	Lower	Upper
178	100		
179	22.3	12.7	19.1#
176	22.0	15.3	22.9



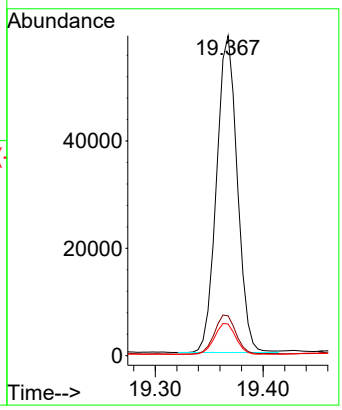


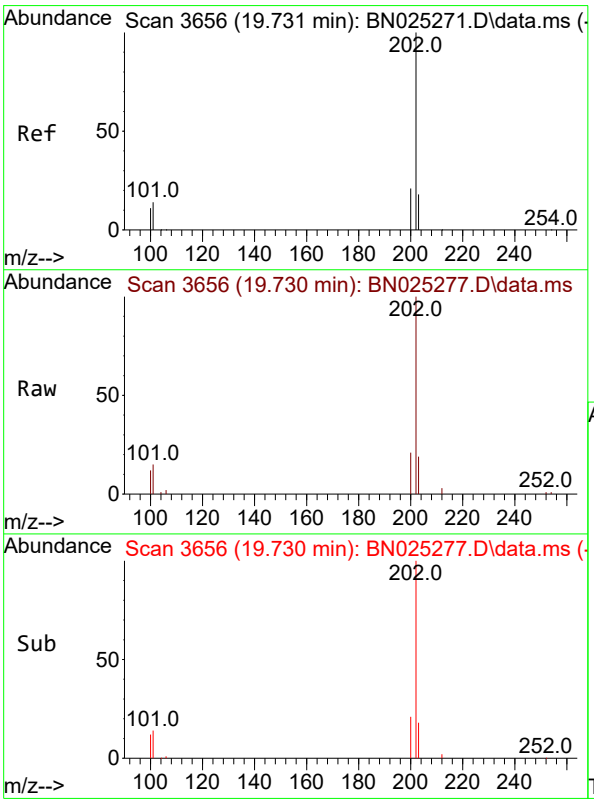
#19
Fluoranthene
Concen: 1.078 ng/ul
RT: 19.367 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Instrument :
BNA_N
ClientSampleId :
EW934DL

Tgt Ion:202 Resp: 79152

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.7	14.5
100	9.9	7.3	10.9

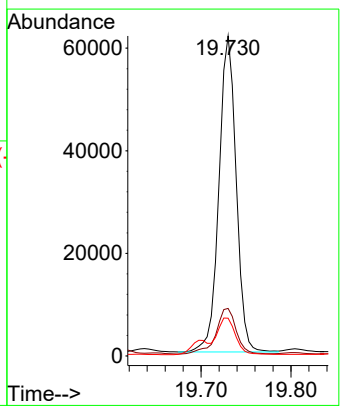


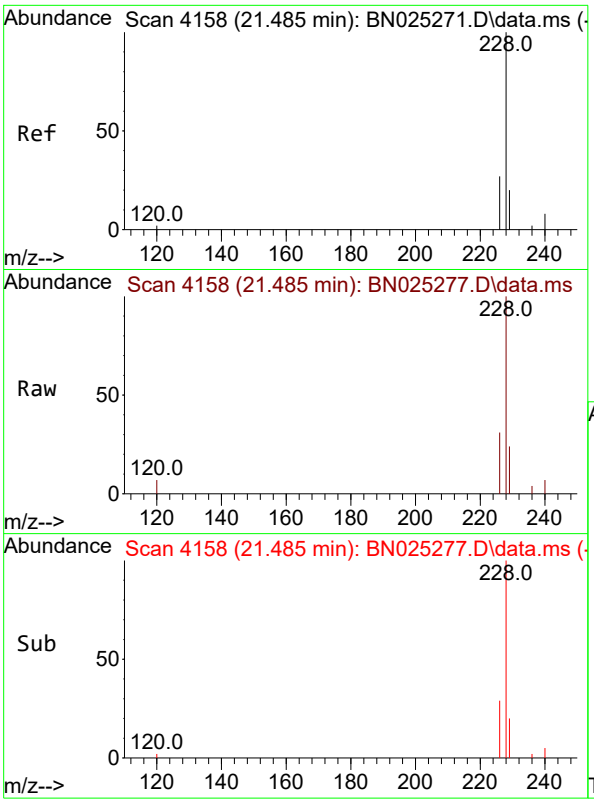


#20
Pyrene
Concen: 1.084 ng/ul
RT: 19.730 min Scan# 3656
Delta R.T. -0.001 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Tgt Ion:202 Resp: 81833

Ion	Ratio	Lower	Upper
202	100		
101	14.9	11.3	16.9
100	11.8	9.2	13.8



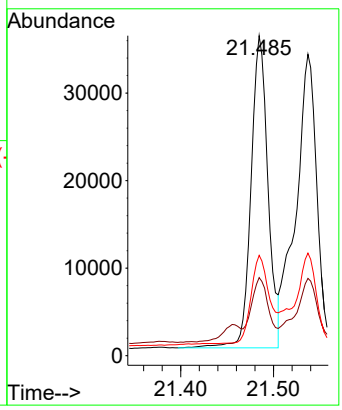


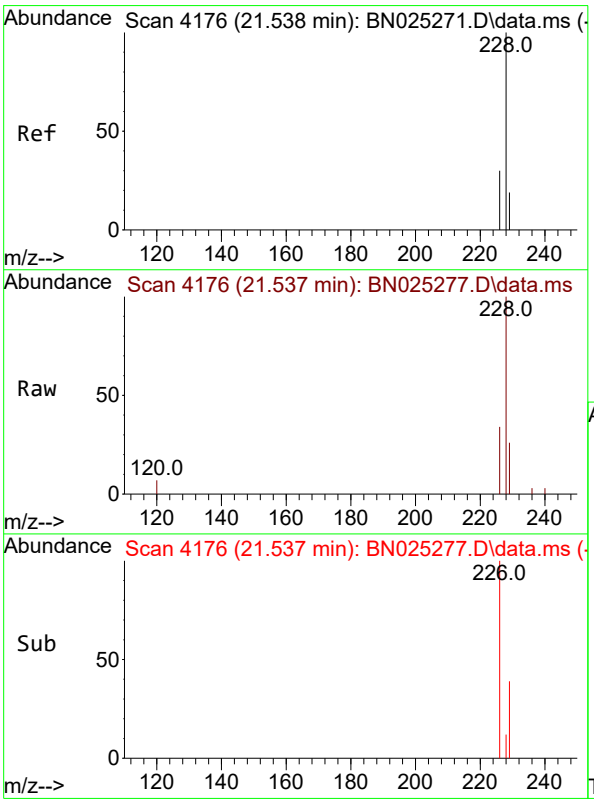
#21
Benzo(a)anthracene
Concen: 0.741 ng/ul
RT: 21.485 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Instrument :
BNA_N
ClientSampleId :
EW934DL

Tgt Ion:228 Resp: 45339

Ion	Ratio	Lower	Upper
228	100		
229	24.4	15.6	23.4#
226	31.4	22.1	33.1

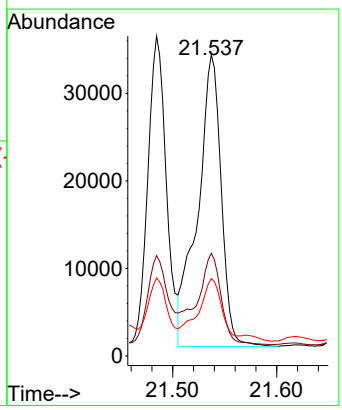


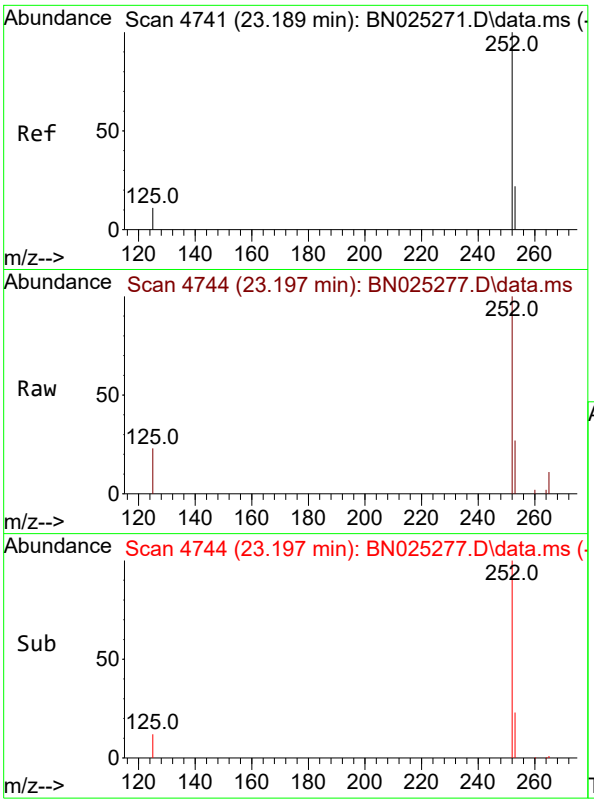


#22
Chrysene
Concen: 0.785 ng/ul
RT: 21.537 min Scan# 4176
Delta R.T. -0.001 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Tgt Ion:228 Resp: 52383

Ion	Ratio	Lower	Upper
228	100		
226	34.0	24.5	36.7
229	25.6	15.8	23.6#



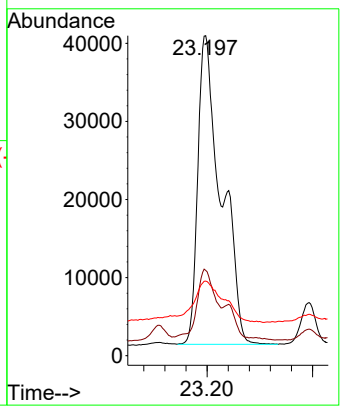


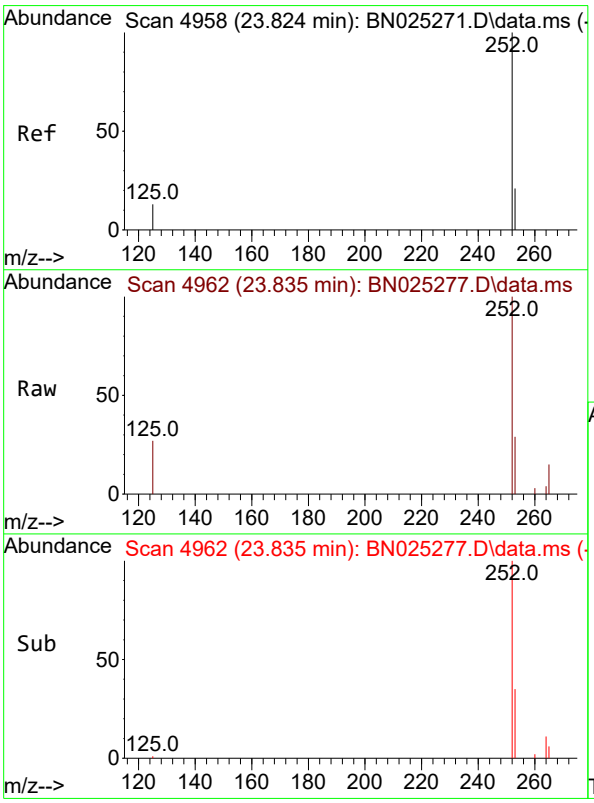
#24
Benzo(b)fluoranthene
Concen: 1.388 ng/ul
RT: 23.197 min Scan# 4
Delta R.T. 0.008 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Instrument :
BNA_N
ClientSampleId :
EW934DL

Tgt Ion:252 Resp: 121231

Ion	Ratio	Lower	Upper
252	100		
253	26.7	0.0	50.2
125	23.3	0.0	30.4

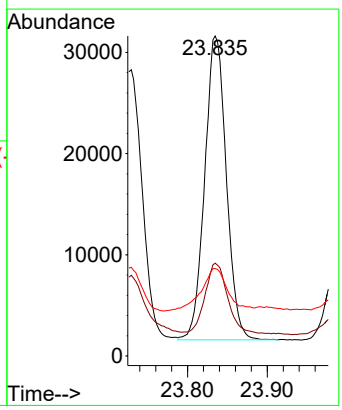


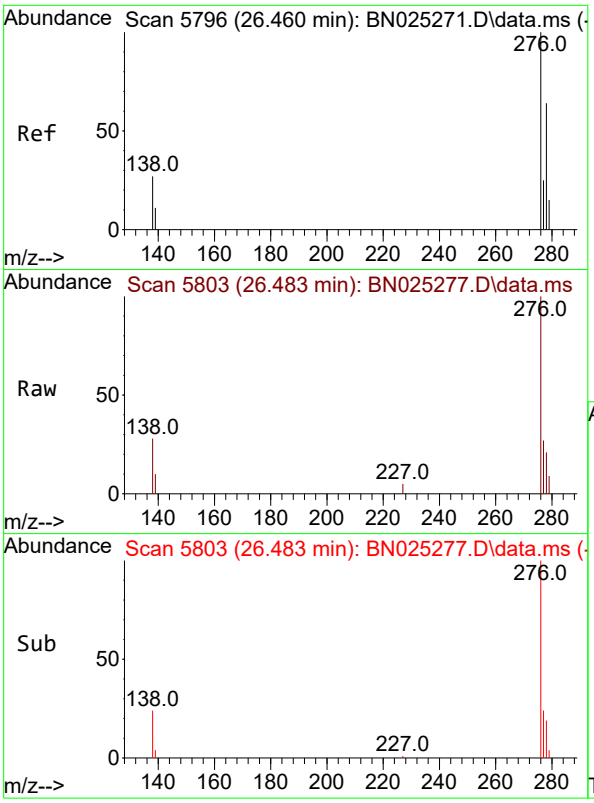


#26
Benzo(a)pyrene
Concen: 0.783 ng/ul
RT: 23.835 min Scan# 4962
Delta R.T. 0.011 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Tgt Ion:252 Resp: 56568

Ion	Ratio	Lower	Upper
252	100		
253	29.0	21.4	32.2
125	27.3	14.6	22.0#



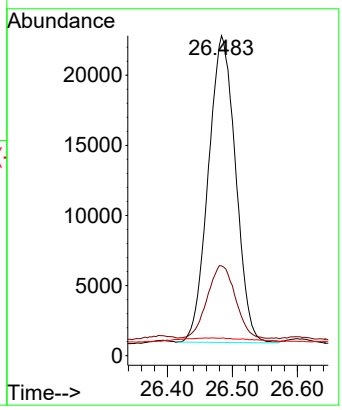


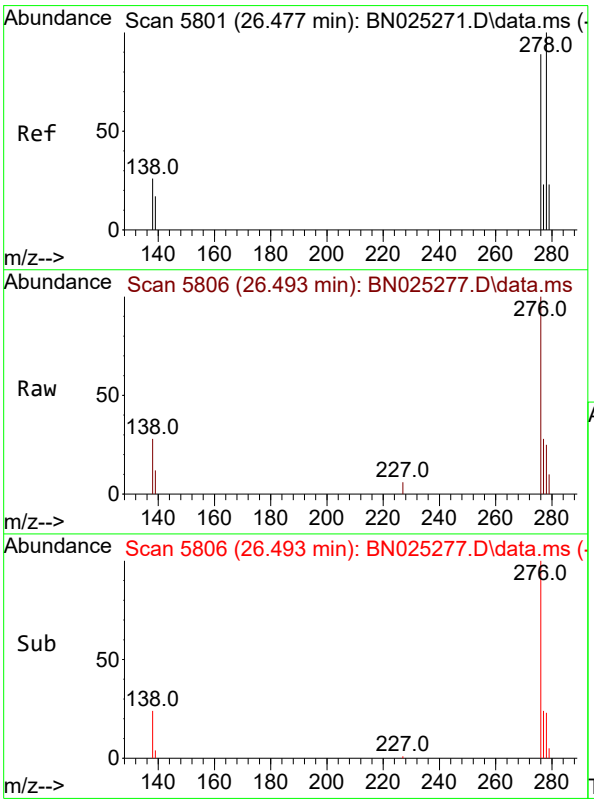
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.764 ng/ul
RT: 26.483 min Scan# 5
Delta R.T. 0.023 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Instrument :
BNA_N
ClientSampleId :
EW934DL

Tgt Ion:276 Resp: 63662

Ion	Ratio	Lower	Upper
276	100		
138	25.9	21.9	32.9
227	3.4	0.1	0.1#

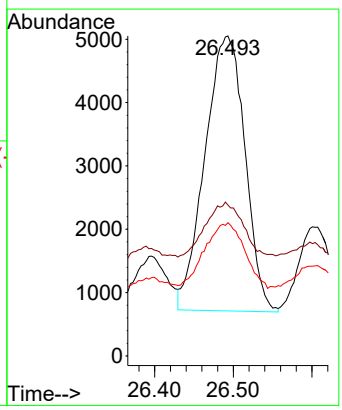


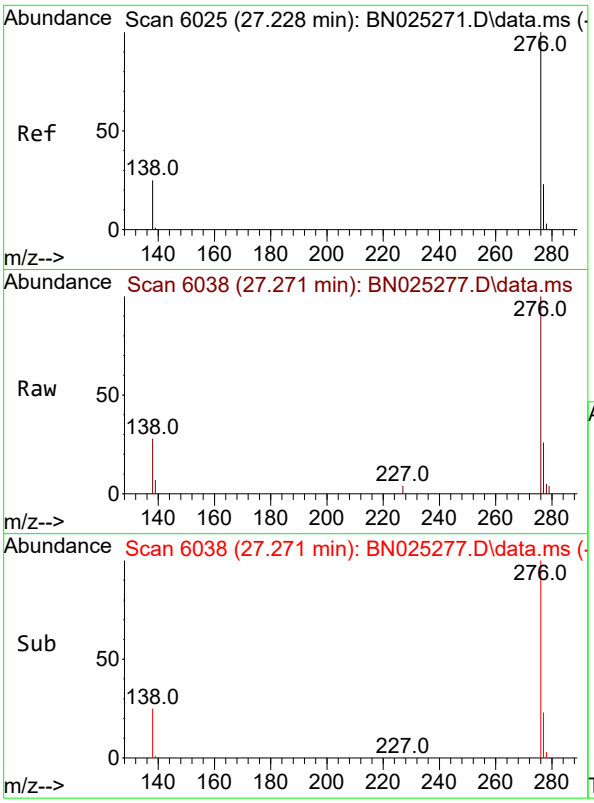


#28
Dibenzo(a,h)anthracene
Concen: 0.236 ng/ul
RT: 26.493 min Scan# 5806
Delta R.T. 0.016 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Tgt Ion:278 Resp: 15364

Ion	Ratio	Lower	Upper
278	100		
139	47.1	17.0	25.6#
279	41.6	21.8	32.8#





#29
Benzo(g,h,i)perylene
Concen: 1.164 ng/ul
RT: 27.271 min Scan# 6
Delta R.T. 0.043 min
Lab File: BN025277.D
Acq: 05 May 2023 13:07

Instrument :
BNA_N
ClientSampleId :
EW934DL

Tgt Ion:276 Resp: 82452

Ion	Ratio	Lower	Upper
276	100		
138	28.1	20.3	30.5
277	26.0	19.8	29.6