Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
Data File : BN025273.D
Acq On : 05 May 2023 10:44
Operator : CG/JU
Sample : 02447-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW905DL

Quant Time: May 06 04:06:05 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	9755	0.400	ng/ul		0.00
4) Naphthalene-d8	10.715	136	31360	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.556	164	18188	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.305	188	35690	0.400	ng/ul		0.00
17) Chrysene-d12	21.502	240	19586	0.400	ng/ul	#	0.00
23) Perylene-d12	23.940	264	24068	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.289	96	3856	0.382	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.310	152	1221	0.030	ng/ul		0.00
18) Fluoranthene-d10	19.335	212	2157	0.042	ng/ul		0.00
Target Compounds							Qvalue
5) Naphthalene	10.765	128	160873	2.002	ng/ul		99
7) 2-Methylnaphthalene	12.381	142	53184	1.081	ng/ul		99
8) 1-Methylnaphthalene	12.601	142	39346	0.750	ng/ul		100
10) Acenaphthylene	14.279	152	39185	0.578	ng/ul		98
11) Acenaphthene	14.616	153	112443	1.969	ng/ul		99
12) Fluorene	15.606	166	165659	2.595	ng/ul		100
15) Phenanthrene	17.347	178	1764138	17.512	ng/ul		100
16) Anthracene	17.440	178	427962	5.193	ng/ul		99
19) Fluoranthene	19.368	202	2590717	36.578	ng/ul		99
20) Pyrene	19.730	202	2127012	29.229	ng/ul		99
21) Benzo(a)anthracene	21.485	228	919056	15.572	ng/ul		98
22) Chrysene	21.538	228	899621	13.973	ng/ul		98
24) Benzo(b)fluoranthene	23.198	252	1594429	16.329	ng/ul		94
26) Benzo(a)pyrene	23.838	252	798719	9.886	ng/ul	#	91
27) Indeno(1,2,3-cd)pyrene	26.484	276	586154	6.297	ng/ul	#	95
28) Dibenzo(a,h)anthracene	26.487	278	145329	1.999	ng/ul		97
29) Benzo(g,h,i)perylene	27.268	276	543379	6.865	ng/ul		99

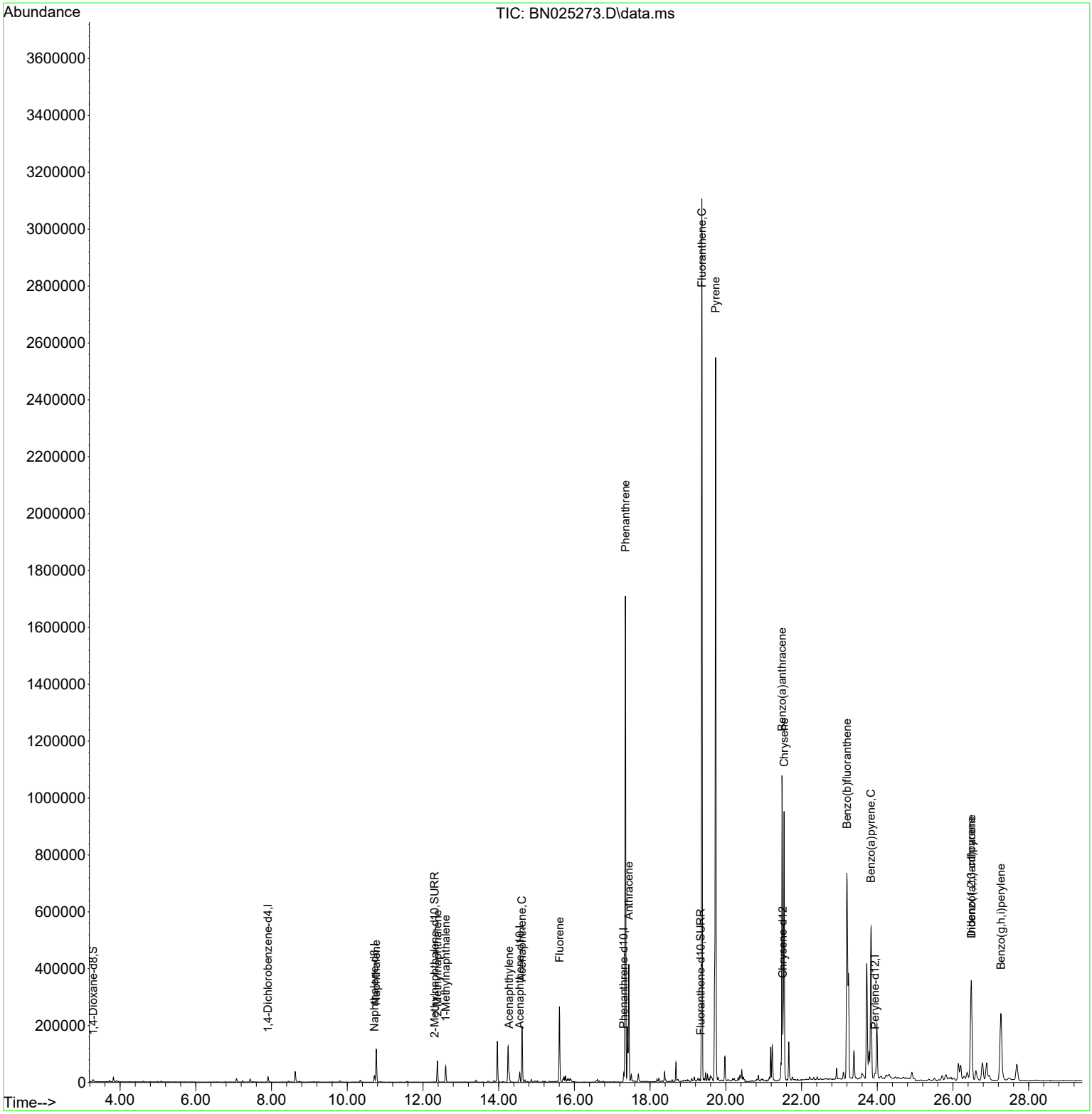
(#) = qualifier out of range (m) = manual integration (+) = signals summed

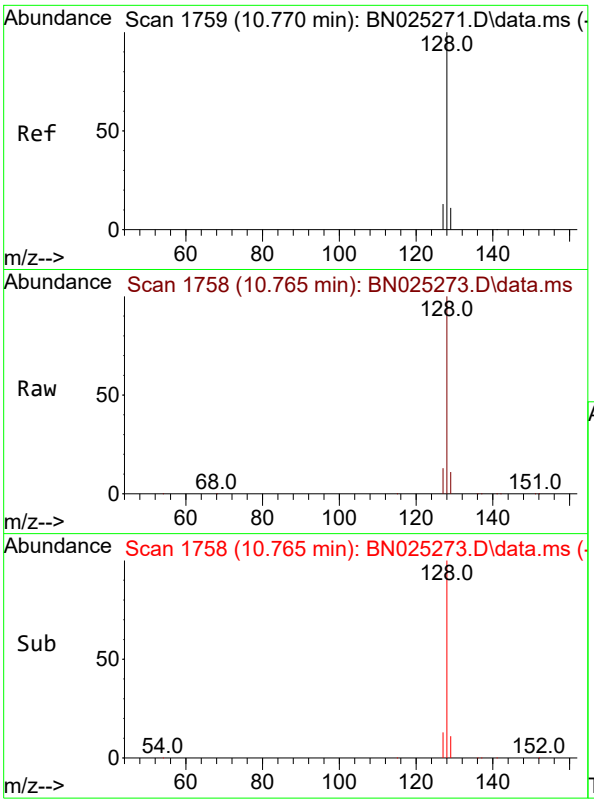
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
Data File : BN025273.D
Acq On : 05 May 2023 10:44
Operator : CG/JU
Sample : 02447-01DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW905DL

Quant Time: May 06 04:06:05 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



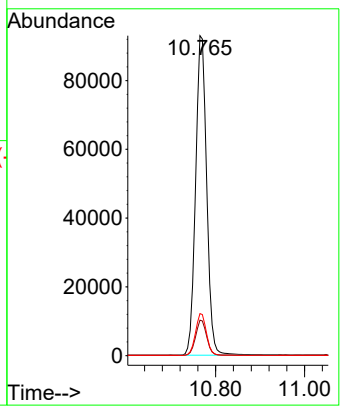


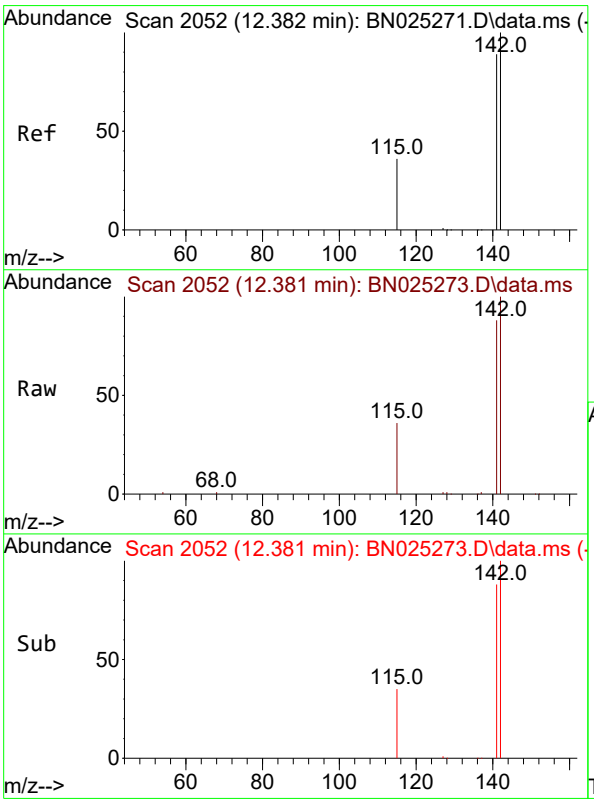
#5
Naphthalene
Concen: 2.002 ng/ul
RT: 10.765 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Instrument :
BNA_N
ClientSampleId :
EW905DL

Tgt Ion:128 Resp: 160873

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.0	13.6
127	13.2	10.7	16.1

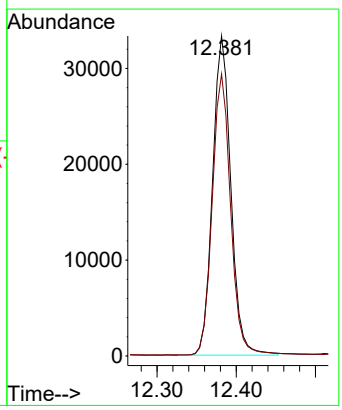


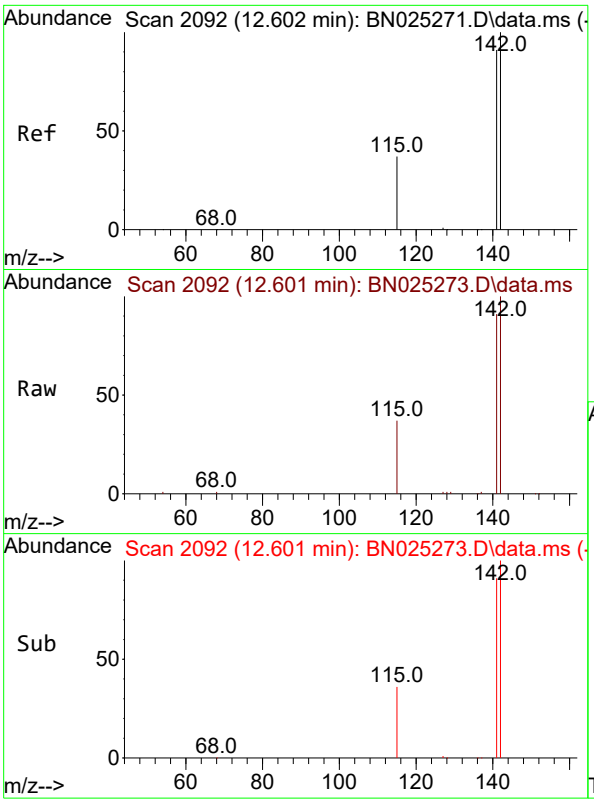


#7
2-Methylnaphthalene
Concen: 1.081 ng/ul
RT: 12.381 min Scan# 2052
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Tgt Ion:142 Resp: 53184

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.4	107.0



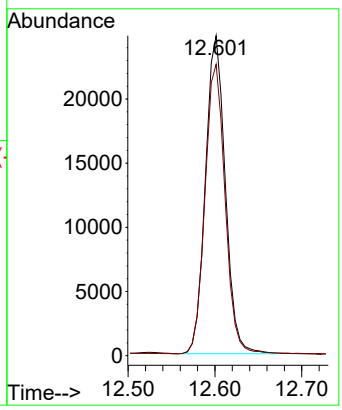


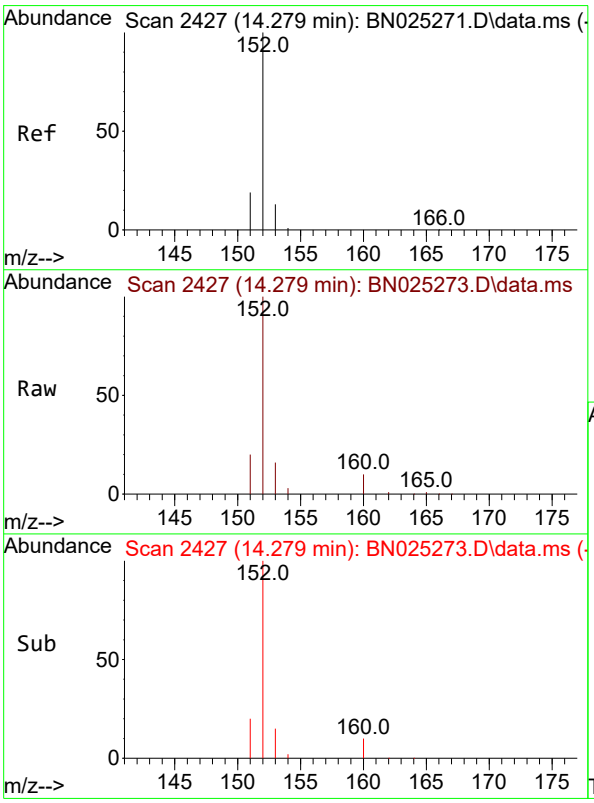
#8
1-Methylnaphthalene
Concen: 0.750 ng/ul
RT: 12.601 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Instrument :
BNA_N
ClientSampleId :
EW905DL

Tgt Ion:142 Resp: 39346

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.8	110.6

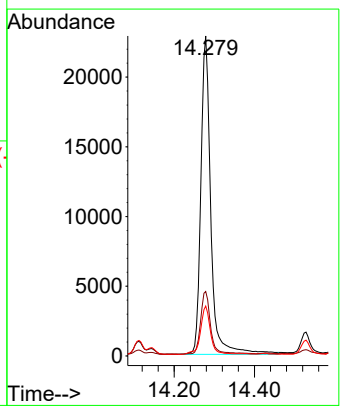


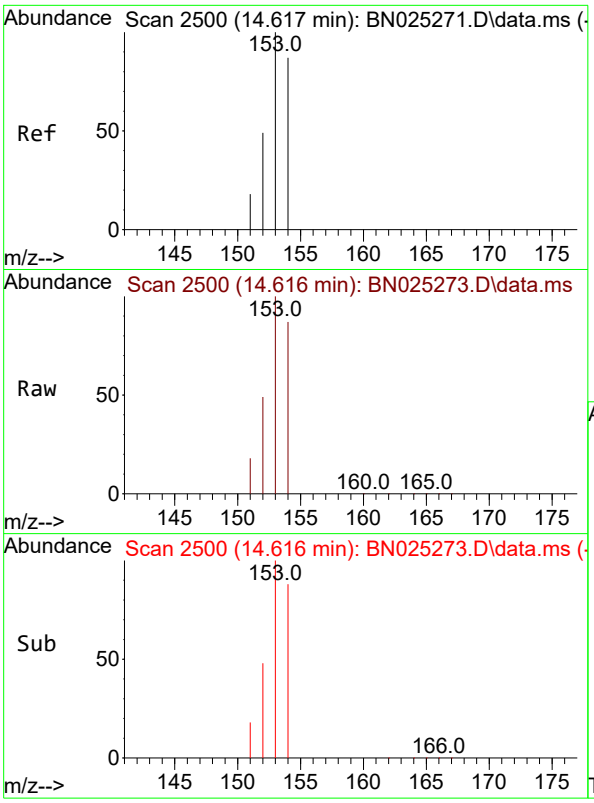


#10
Acenaphthylene
Concen: 0.578 ng/ul
RT: 14.279 min Scan# 2427
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Tgt Ion:152 Resp: 39185

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.0	24.0
153	15.6	10.8	16.2



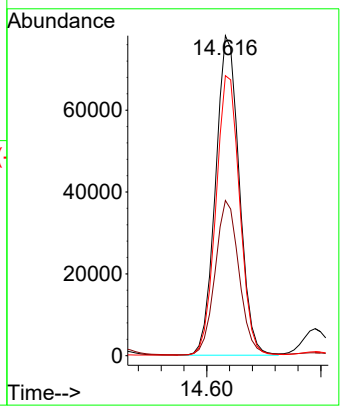


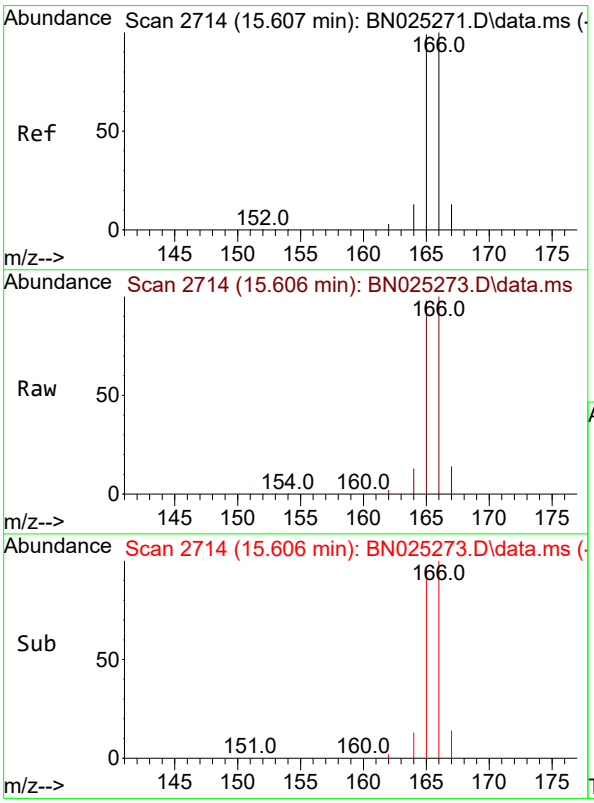
#11
Acenaphthene
Concen: 1.969 ng/ul
RT: 14.616 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Instrument :
BNA_N
ClientSampleId :
EW905DL

Tgt Ion:153 Resp: 112443

Ion	Ratio	Lower	Upper
153	100		
152	48.5	40.2	60.4
154	87.5	69.4	104.2

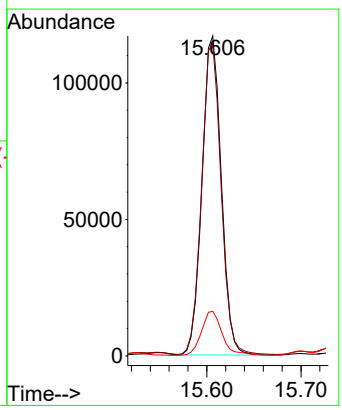


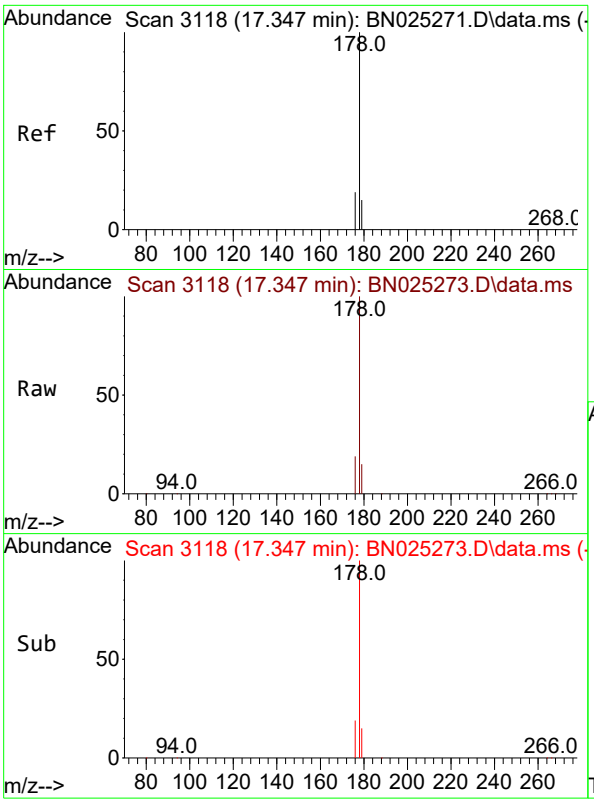


#12
Fluorene
Concen: 2.595 ng/ul
RT: 15.606 min Scan# 2714
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Tgt Ion:166 Resp: 165659

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.1	117.1
167	13.9	11.0	16.6



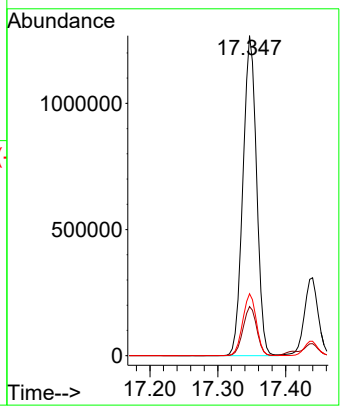


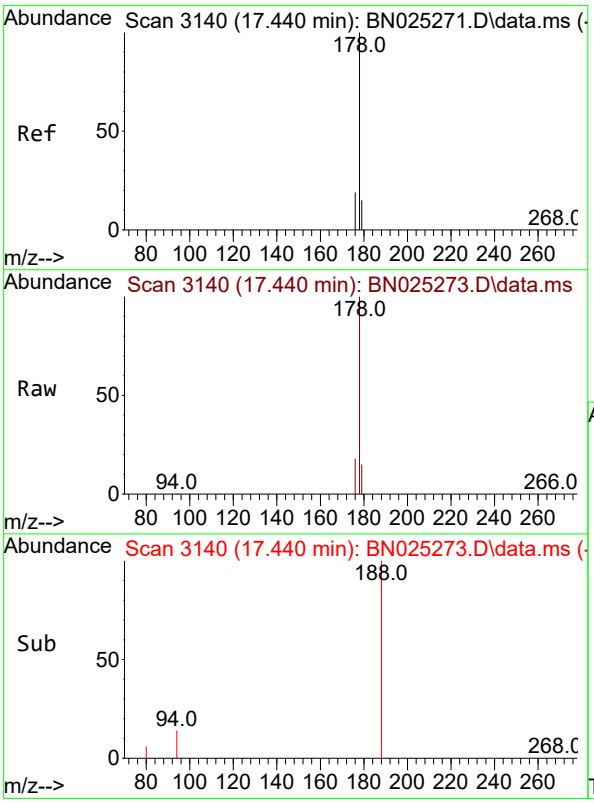
#15
Phenanthrene
Concen: 17.512 ng/ul
RT: 17.347 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Instrument :
BNA_N
ClientSampleId :
EW905DL

Tgt Ion:178 Resp: 1764138

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	19.4	15.6	23.4

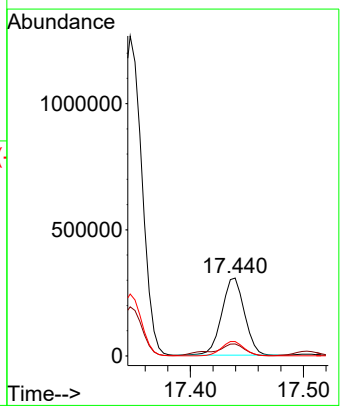


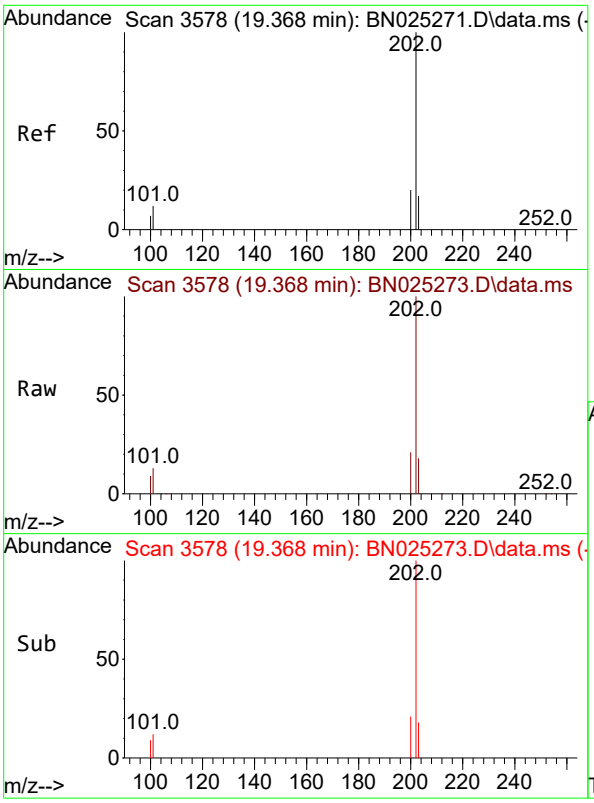


#16
Anthracene
Concen: 5.193 ng/ul
RT: 17.440 min Scan# 3140
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Tgt Ion:178 Resp: 427962

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.7	19.1
176	18.5	15.3	22.9



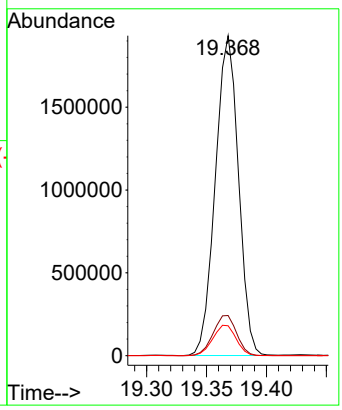


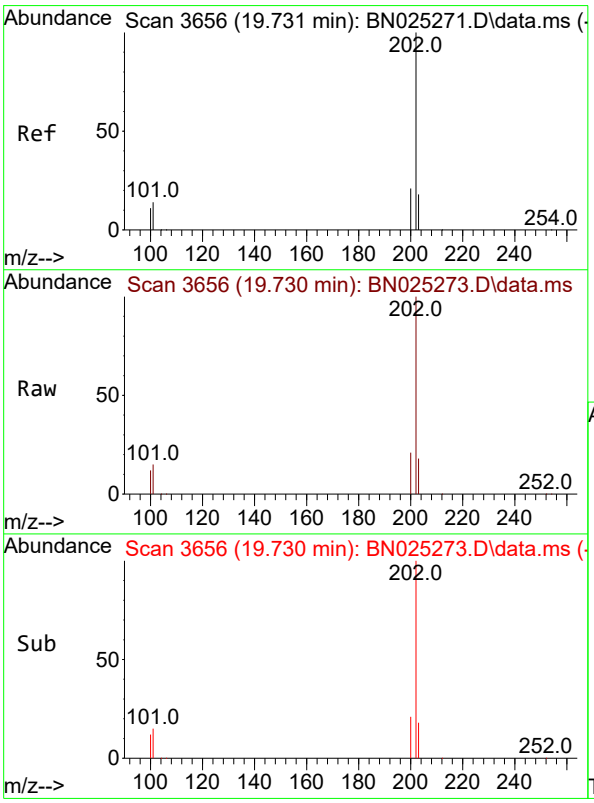
#19
Fluoranthene
Concen: 36.578 ng/ul
RT: 19.368 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Instrument :
BNA_N
ClientSampleId :
EW905DL

Tgt Ion:202 Resp: 2590717

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.7	14.5
100	9.3	7.3	10.9

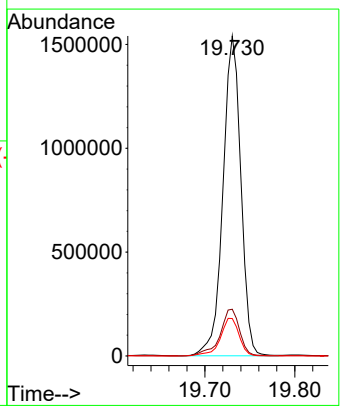


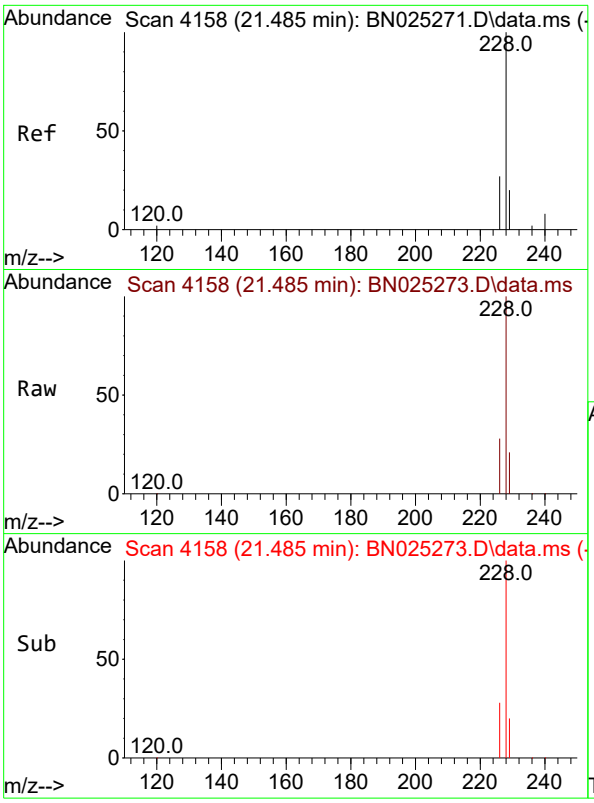


#20
Pyrene
Concen: 29.229 ng/ul
RT: 19.730 min Scan# 3656
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Tgt Ion:202 Resp: 2127012

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.3	16.9
100	11.7	9.2	13.8



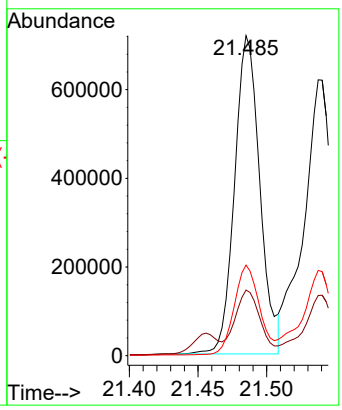


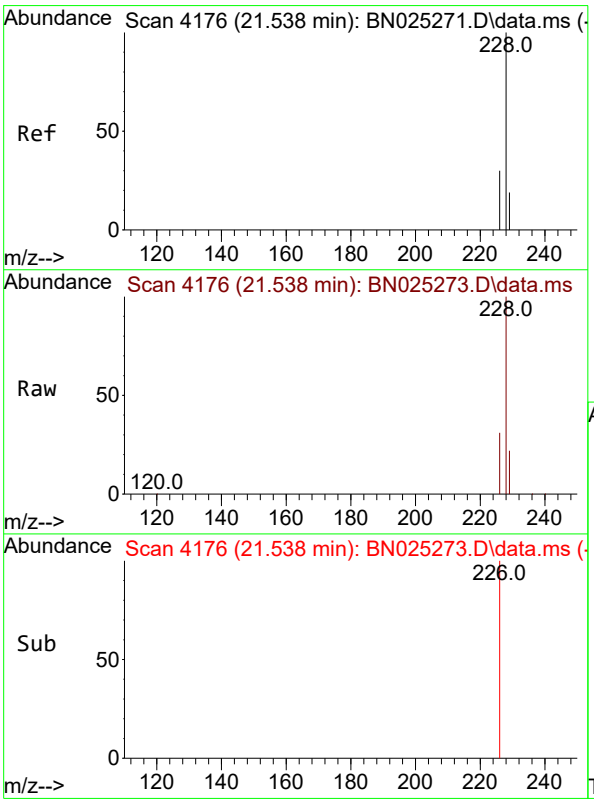
#21
Benzo(a)anthracene
Concen: 15.572 ng/ul
RT: 21.485 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Instrument :
BNA_N
ClientSampleId :
EW905DL

Tgt Ion:228 Resp: 919056

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.6	23.4
226	28.3	22.1	33.1

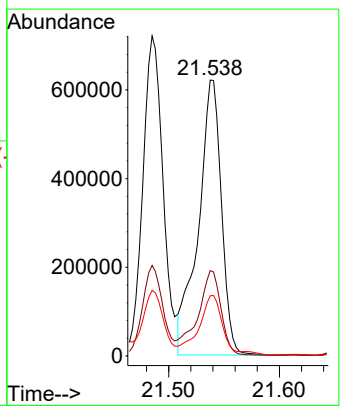


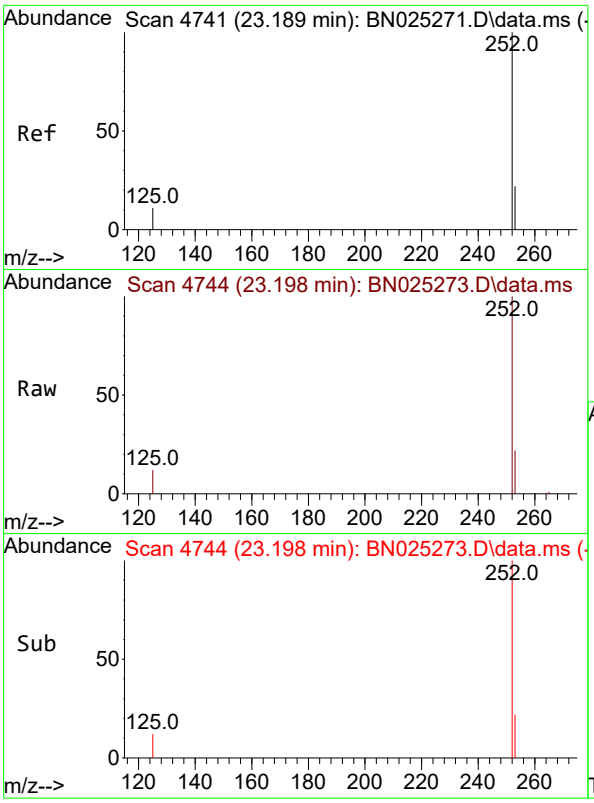


#22
Chrysene
Concen: 13.973 ng/ul
RT: 21.538 min Scan# 4176
Delta R.T. -0.000 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Tgt Ion:228 Resp: 899621

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.5	36.7
229	21.8	15.8	23.6



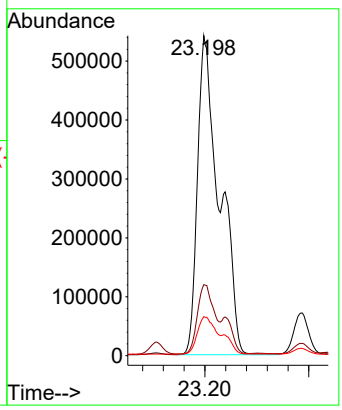


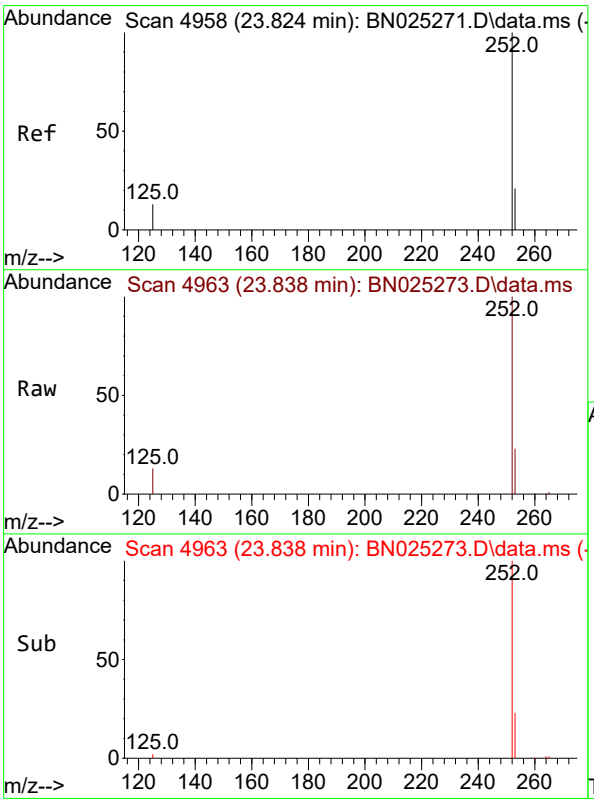
#24
Benzo(b)fluoranthene
Concen: 16.329 ng/ul
RT: 23.198 min Scan# 4
Delta R.T. 0.009 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Instrument :
BNA_N
ClientSampleId :
EW905DL

Tgt Ion:252 Resp: 1594429

Ion	Ratio	Lower	Upper
252	100		
253	22.2	0.0	50.2
125	12.2	0.0	30.4

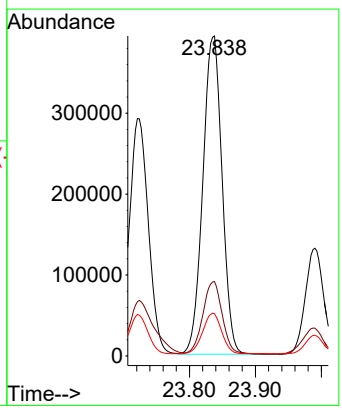


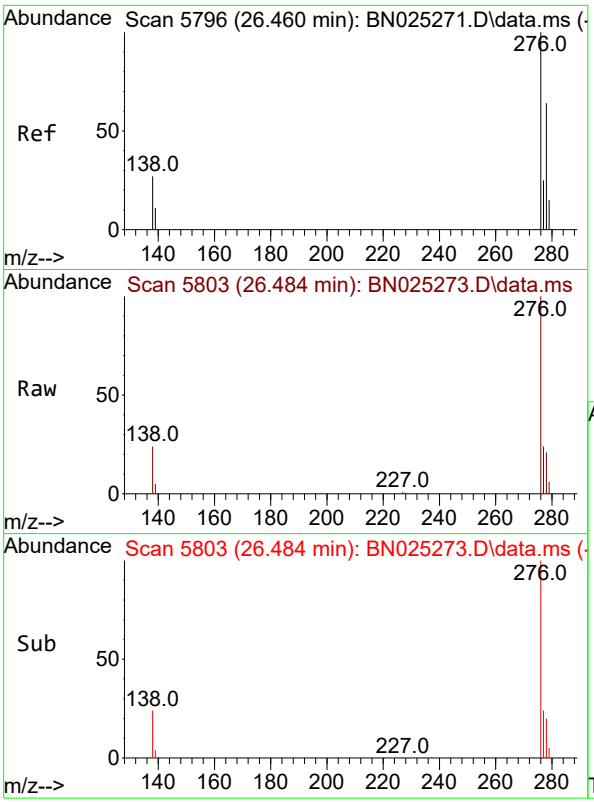


#26
Benzo(a)pyrene
Concen: 9.886 ng/ul
RT: 23.838 min Scan# 4963
Delta R.T. 0.014 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Tgt Ion:252 Resp: 798719

Ion	Ratio	Lower	Upper
252	100		
253	23.2	21.4	32.2
125	13.2	14.6	22.0#



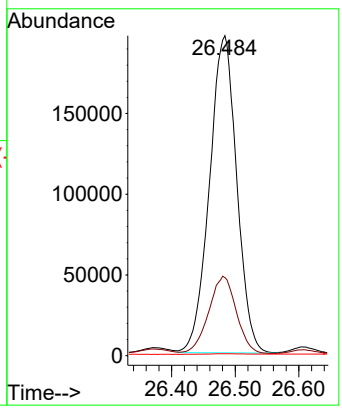


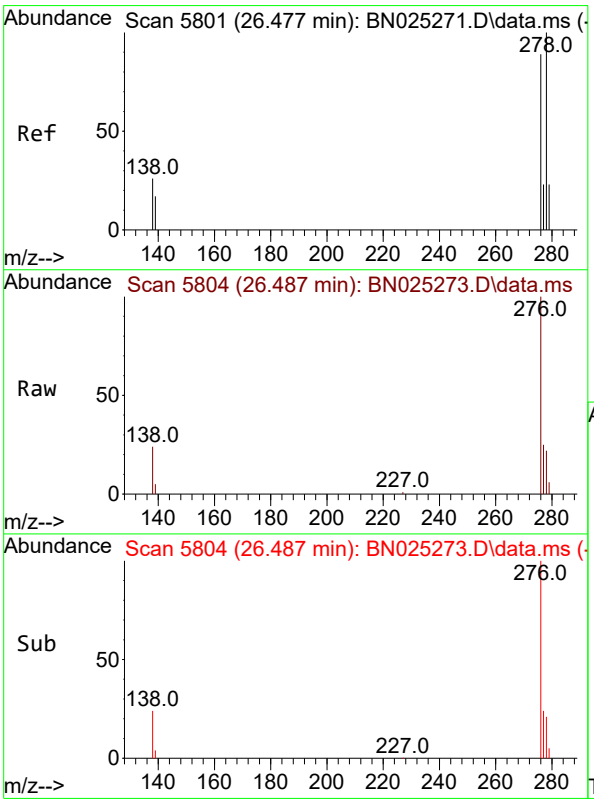
#27
Indeno(1,2,3-cd)pyrene
Concen: 6.297 ng/ul
RT: 26.484 min Scan# 5
Delta R.T. 0.023 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Instrument :
BNA_N
ClientSampleId :
EW905DL

Tgt Ion:276 Resp: 586154

Ion	Ratio	Lower	Upper
276	100		
138	24.6	21.9	32.9
227	0.3	0.1	0.1#

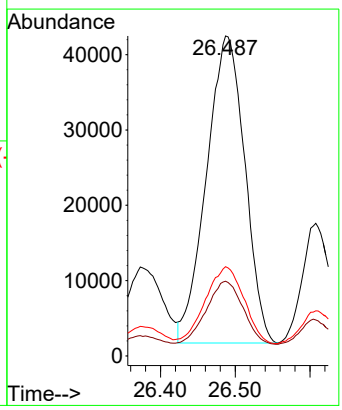


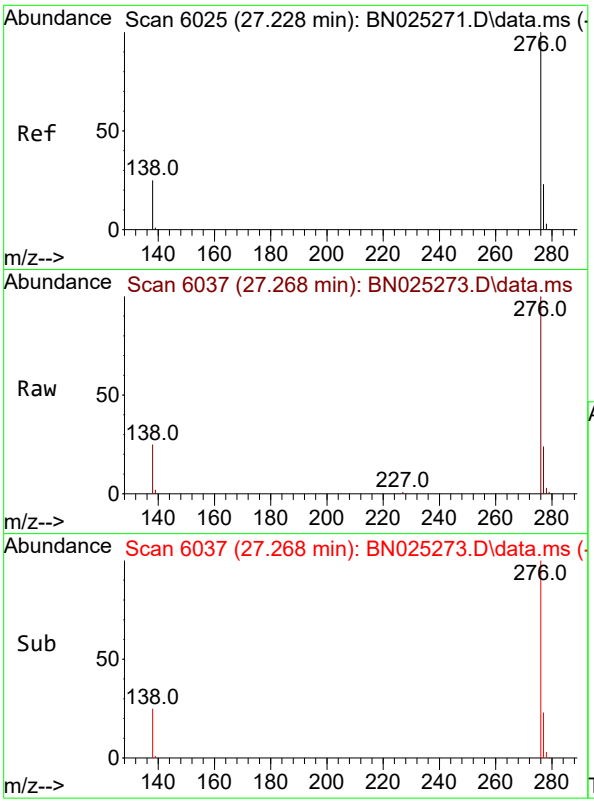


#28
Dibenzo(a,h)anthracene
Concen: 1.999 ng/ul
RT: 26.487 min Scan# 5804
Delta R.T. 0.010 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Tgt Ion:278 Resp: 145329

Ion	Ratio	Lower	Upper
278	100		
139	23.4	17.0	25.6
279	27.9	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 6.865 ng/ul
RT: 27.268 min Scan# 6
Delta R.T. 0.040 min
Lab File: BN025273.D
Acq: 05 May 2023 10:44

Instrument :
BNA_N
ClientSampleId :
EW905DL

Tgt Ion:276 Resp: 543379

Ion	Ratio	Lower	Upper
276	100		
138	25.3	20.3	30.5
277	24.1	19.8	29.6