Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
Data File : BN025274.D
Acq On : 05 May 2023 11:20
Operator : CG/JU
Sample : 02447-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW912DL

Quant Time: May 06 04:06:16 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	9224	0.400	ng/ul	0.00
4) Naphthalene-d8	10.719	136	29245	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.556	164	17231	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.304	188	37594	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.508	240	19988	0.400	ng/ul	# 0.00
23) Perylene-d12	23.945	264	24194	0.400	ng/ul	# 0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.289	96	4225	0.442	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.309	152	1267	0.034	ng/ul	0.00
18) Fluoranthene-d10	19.335	212	2491	0.047	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.769	128	79451	1.060	ng/ul	100
7) 2-Methylnaphthalene	12.380	142	40227	0.876	ng/ul	99
8) 1-Methylnaphthalene	12.600	142	37463	0.766	ng/ul	100
10) Acenaphthylene	14.278	152	71540	1.114	ng/ul	98
11) Acenaphthene	14.616	153	92223	1.704	ng/ul	99
12) Fluorene	15.606	166	126119	2.085	ng/ul	100
15) Phenanthrene	17.346	178	2291979	21.599	ng/ul	100
16) Anthracene	17.439	178	535391	6.167	ng/ul	99
19) Fluoranthene	19.367	202	3936358	54.460	ng/ul	97
20) Pyrene	19.734	202	3585097	48.275	ng/ul	98
21) Benzo(a)anthracene	21.490	228	1545751	25.664	ng/ul	98
22) Chrysene	21.543	228	1496671	22.779	ng/ul	98
24) Benzo(b)fluoranthene	23.209	252	2503593	25.506	ng/ul	95
26) Benzo(a)pyrene	23.846	252	1352975	16.659	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.493	276	954850	10.204	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.496	278	242359	3.316	ng/ul	98
29) Benzo(g,h,i)perylene	27.281	276	877579	11.030	ng/ul	100

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

Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050523\
Data File : BN025274.D
Acq On : 05 May 2023 11:20
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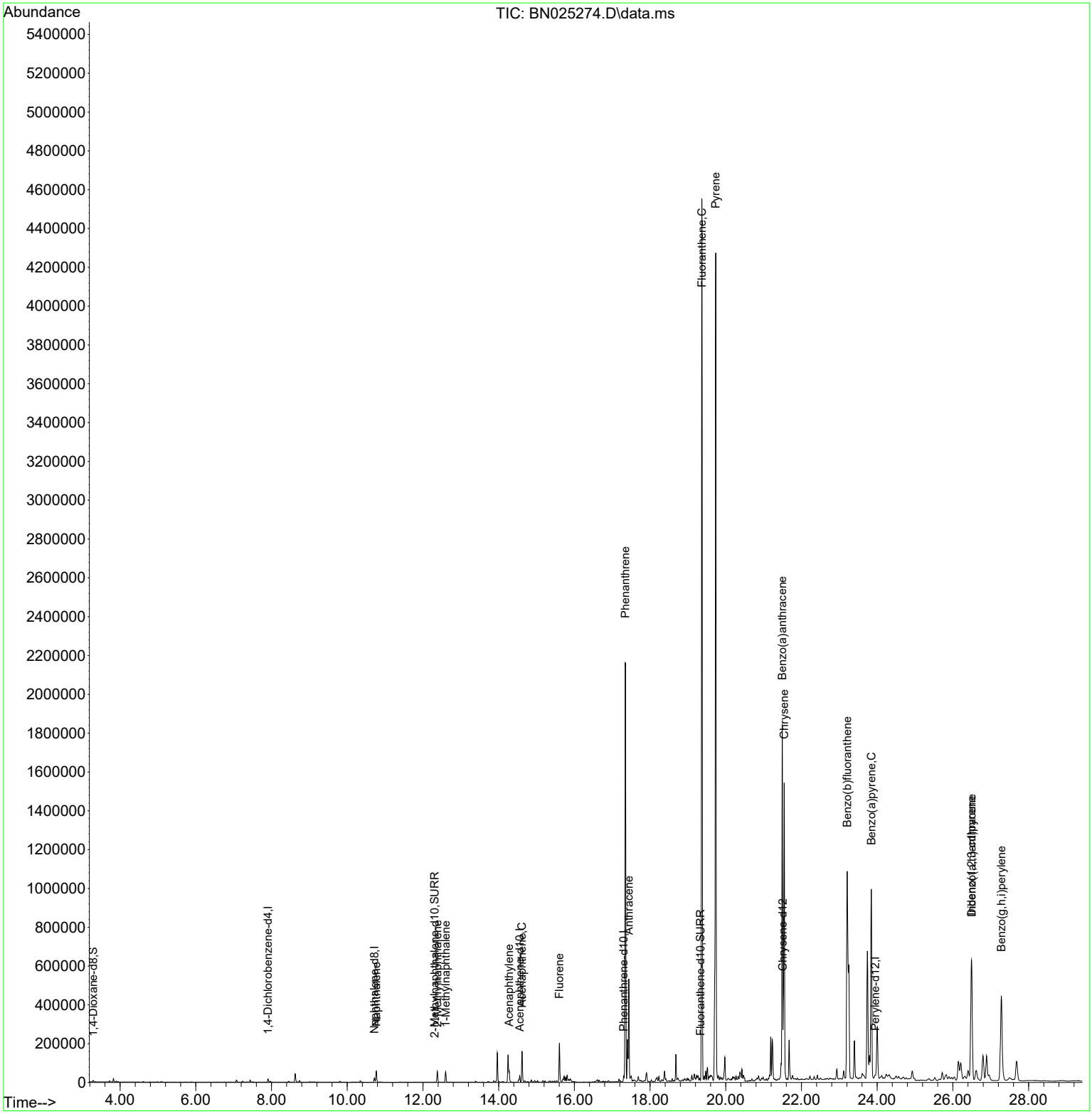
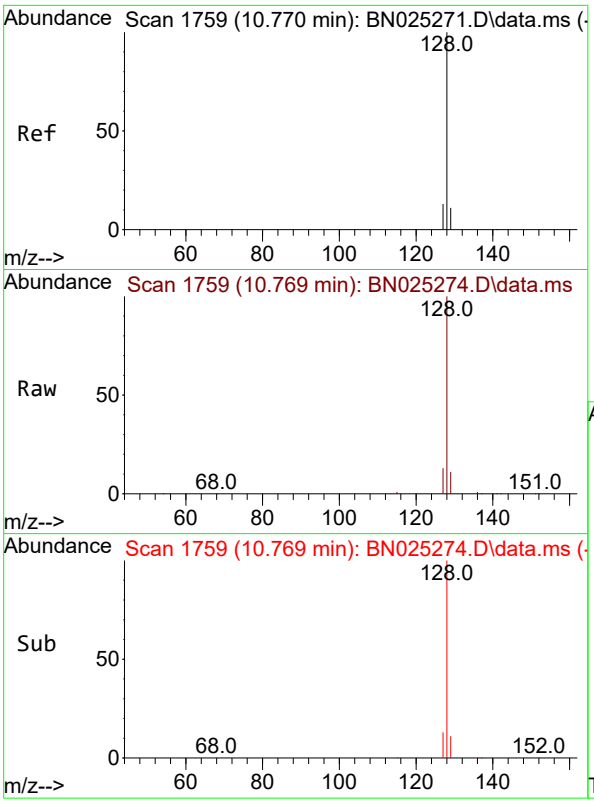
Sample : 02447-07DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EW912DL

Quant Time: May 06 04:06:16 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



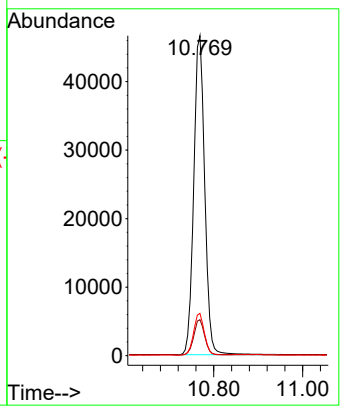


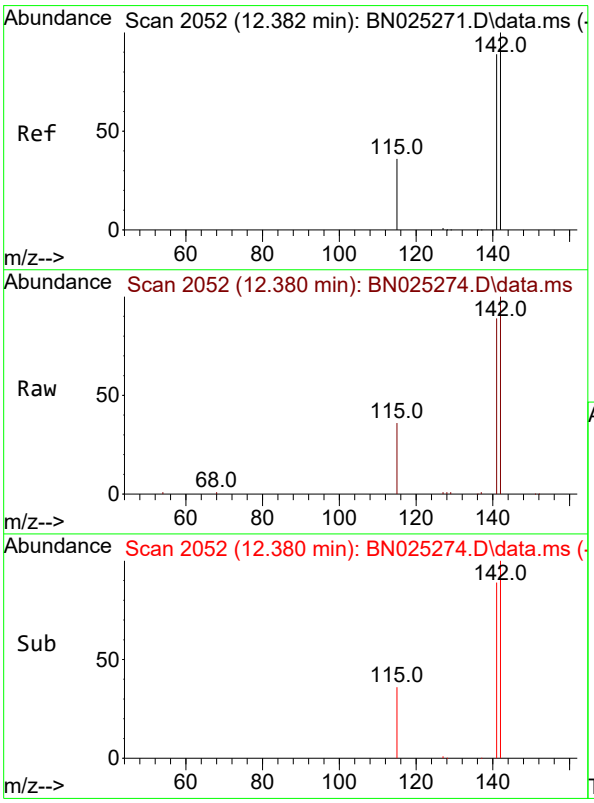
#5
Naphthalene
Concen: 1.060 ng/ul
RT: 10.769 min Scan# 1
Delta R.T. -0.001 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Instrument :
BNA_N
ClientSampleId :
EW912DL

Tgt Ion:128 Resp: 79451

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.6
127	13.2	10.7	16.1

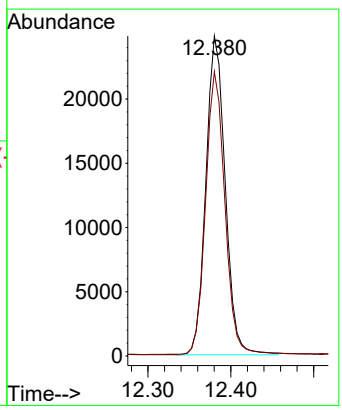


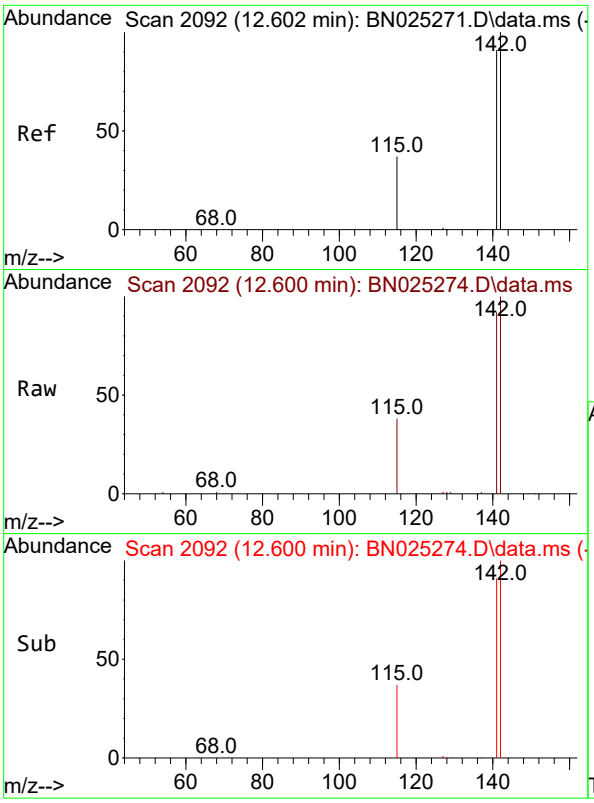


#7
2-Methylnaphthalene
Concen: 0.876 ng/ul
RT: 12.380 min Scan# 2052
Delta R.T. -0.001 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Tgt Ion:142 Resp: 40227

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.4	107.0



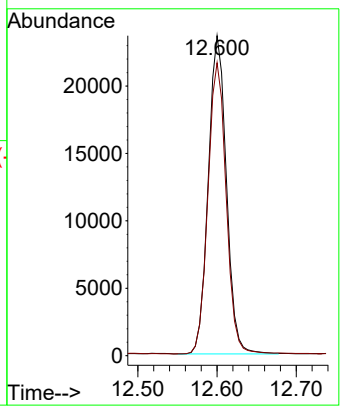


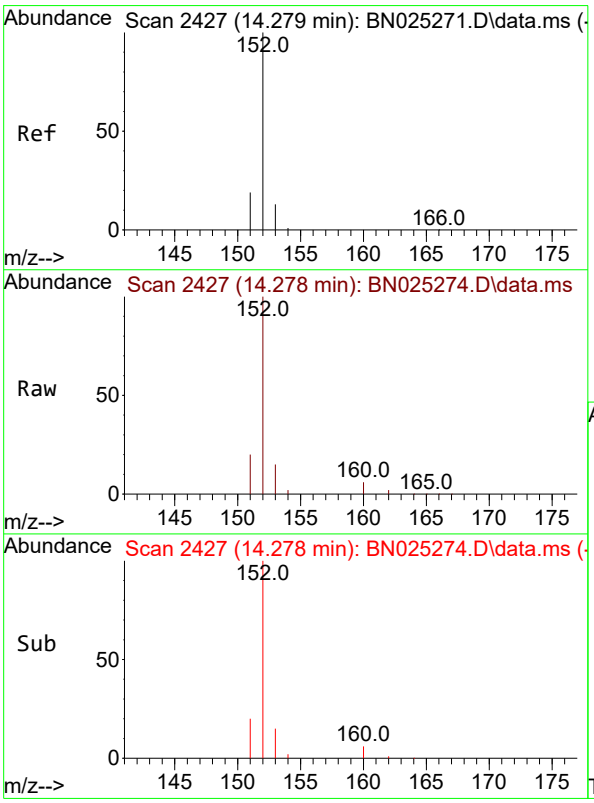
#8
1-Methylnaphthalene
Concen: 0.766 ng/ul
RT: 12.600 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Instrument :
BNA_N
ClientSampleId :
EW912DL

Tgt Ion:142 Resp: 37463

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.6

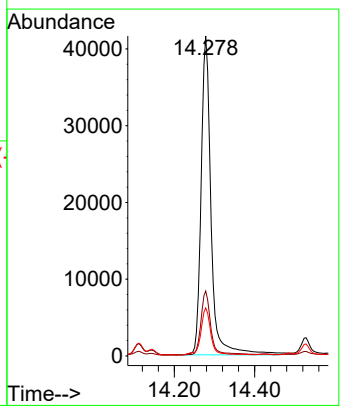


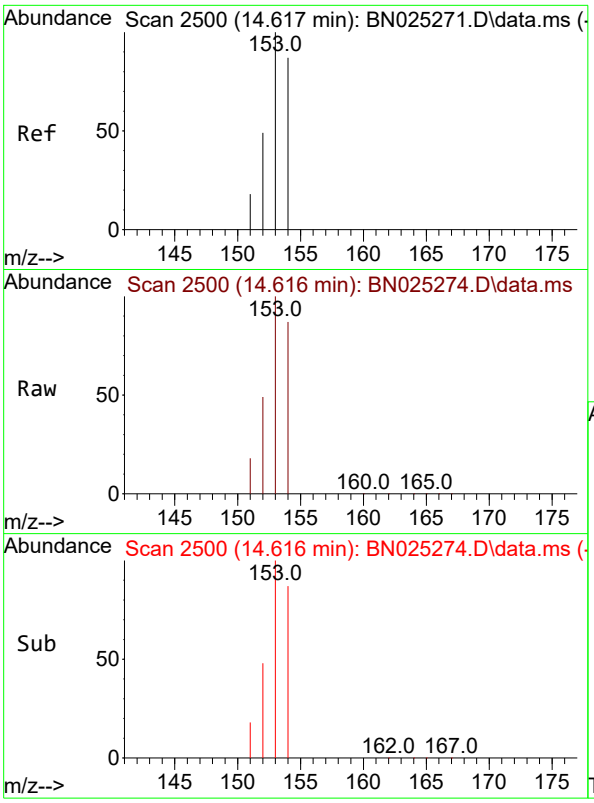


#10
Acenaphthylene
Concen: 1.114 ng/ul
RT: 14.278 min Scan# 2427
Delta R.T. -0.001 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Tgt Ion:152 Resp: 71540

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.0	24.0
153	15.0	10.8	16.2



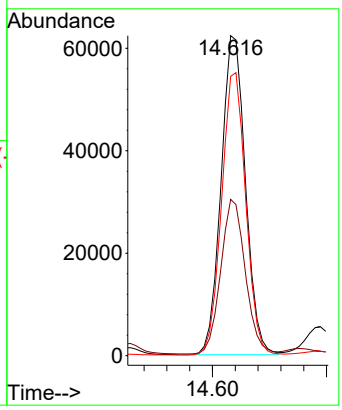


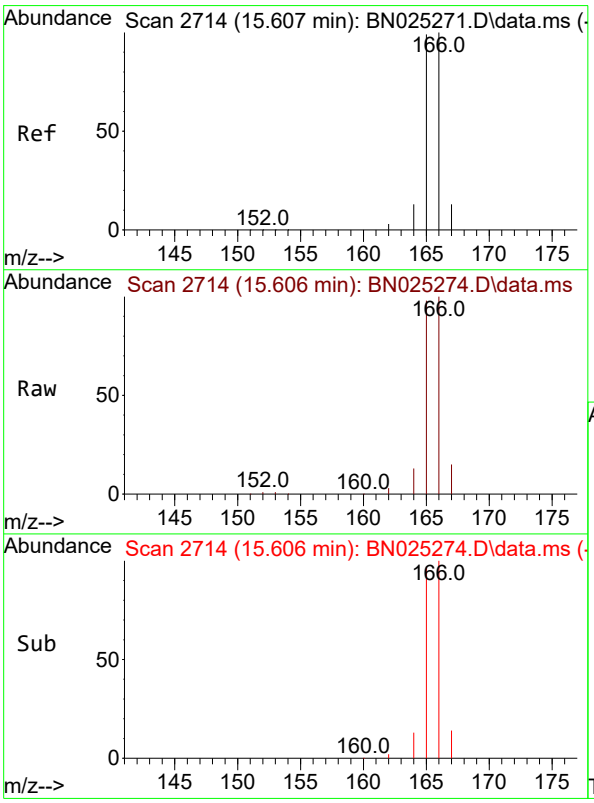
#11
Acenaphthene
Concen: 1.704 ng/ul
RT: 14.616 min Scan# 2
Delta R.T. -0.001 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Instrument :
BNA_N
ClientSampleId :
EW912DL

Tgt Ion:153 Resp: 92223

Ion	Ratio	Lower	Upper
153	100		
152	48.8	40.2	60.4
154	87.3	69.4	104.2

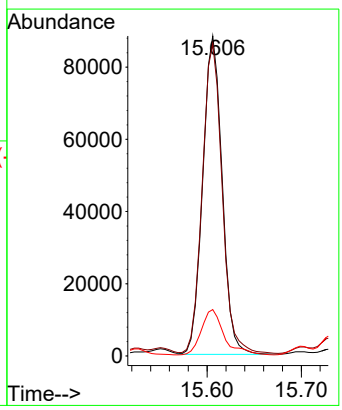


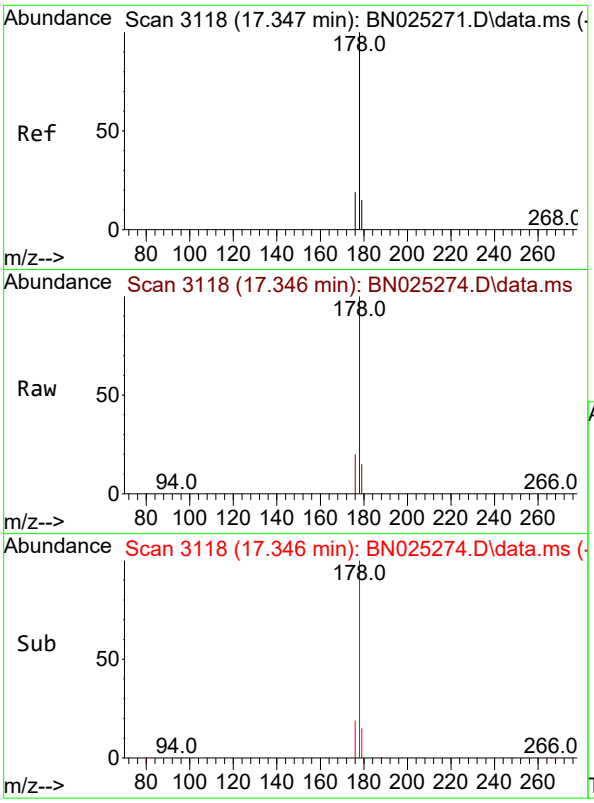


#12
Fluorene
Concen: 2.085 ng/ul
RT: 15.606 min Scan# 2714
Delta R.T. -0.001 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Tgt Ion:166 Resp: 126119

Ion	Ratio	Lower	Upper
166	100		
165	97.6	78.1	117.1
167	14.5	11.0	16.6



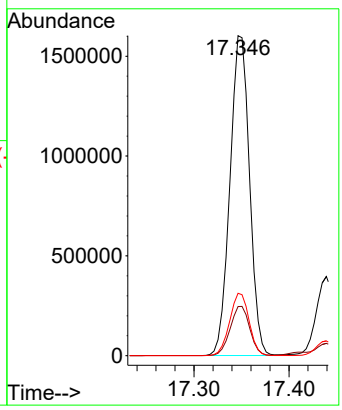


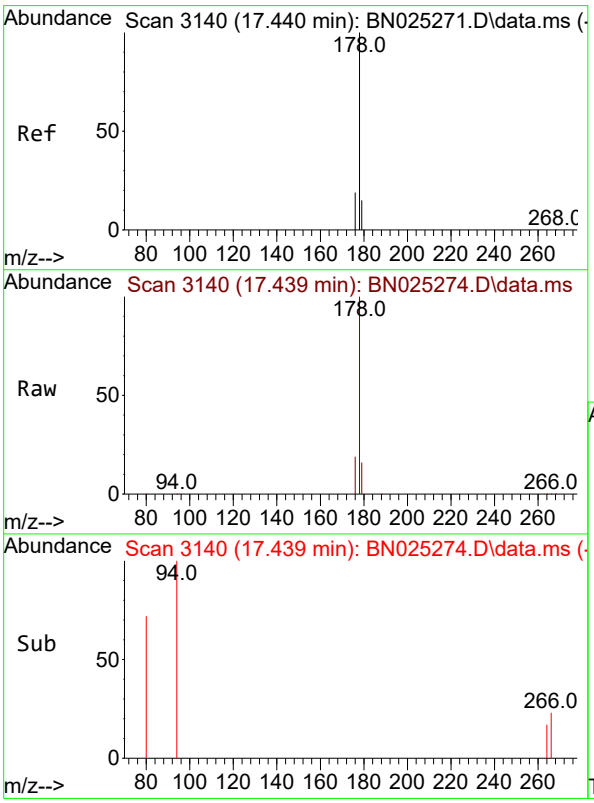
#15
Phenanthrene
Concen: 21.599 ng/ul
RT: 17.346 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Instrument :
BNA_N
ClientSampleId :
EW912DL

Tgt Ion:178 Resp: 2291979

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.5	15.6	23.4

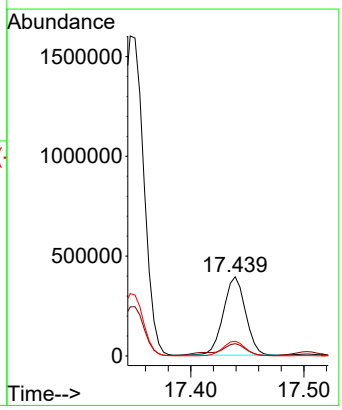


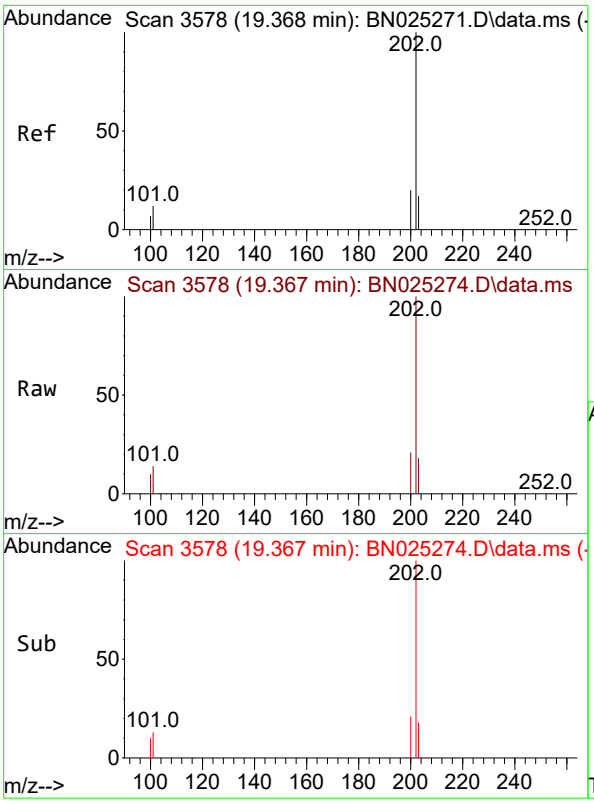


#16
Anthracene
Concen: 6.167 ng/ul
RT: 17.439 min Scan# 3140
Delta R.T. -0.001 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Tgt Ion:178 Resp: 535391

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.7	19.1
176	18.5	15.3	22.9



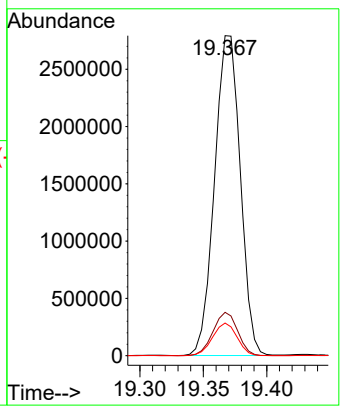


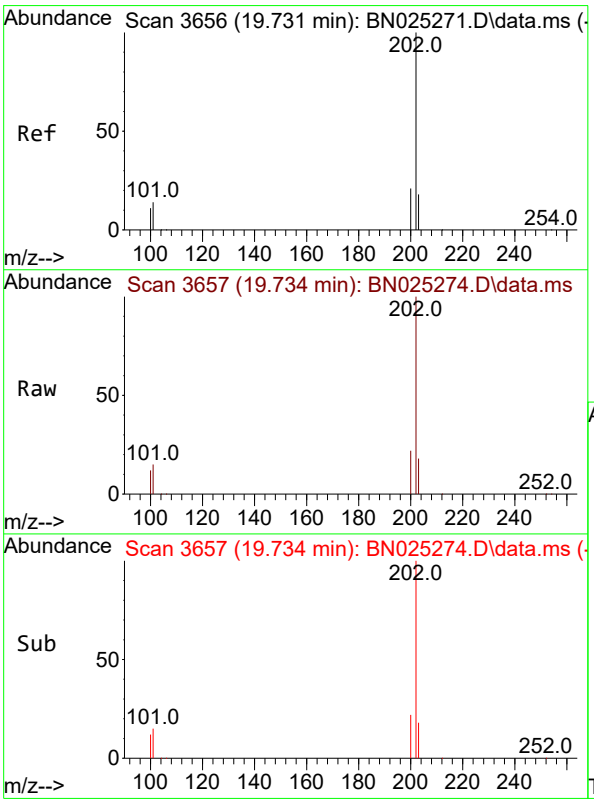
#19
Fluoranthene
Concen: 54.460 ng/ul
RT: 19.367 min Scan# 3
Delta R.T. -0.001 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Instrument :
BNA_N
ClientSampleId :
EW912DL

Tgt Ion:202 Resp: 3936358

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.7	14.5
100	10.2	7.3	10.9

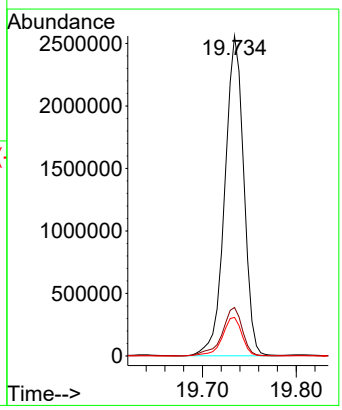


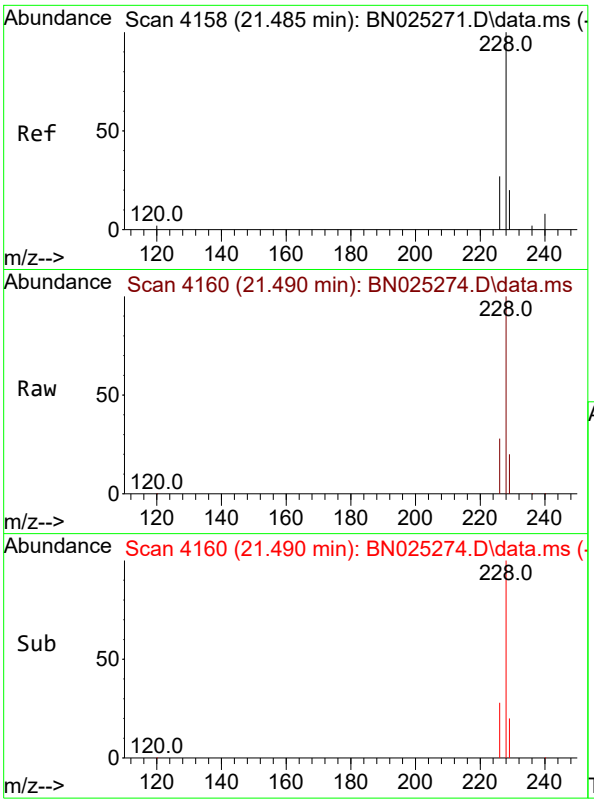


#20
Pyrene
Concen: 48.275 ng/ul
RT: 19.734 min Scan# 3657
Delta R.T. 0.004 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Tgt Ion:202 Resp: 3585097

Ion	Ratio	Lower	Upper
202	100		
101	15.2	11.3	16.9
100	12.1	9.2	13.8



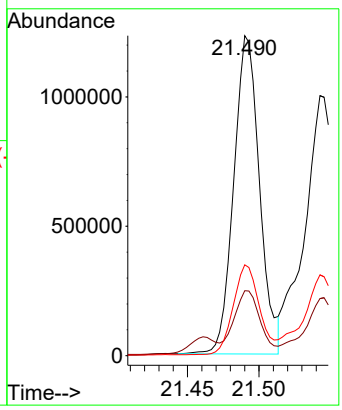


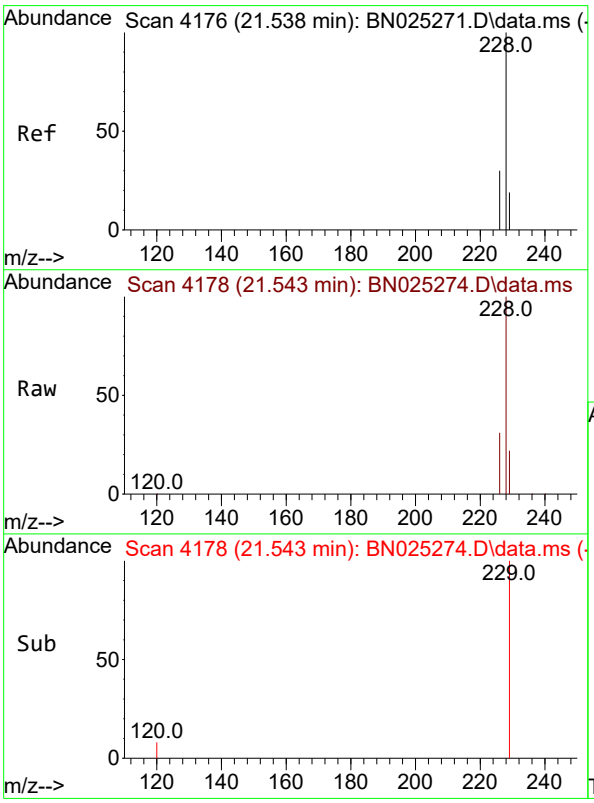
#21
Benzo(a)anthracene
Concen: 25.664 ng/ul
RT: 21.490 min Scan# 4
Delta R.T. 0.005 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Instrument :
BNA_N
ClientSampleId :
EW912DL

Tgt Ion:228 Resp: 1545751

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.6	23.4
226	28.4	22.1	33.1

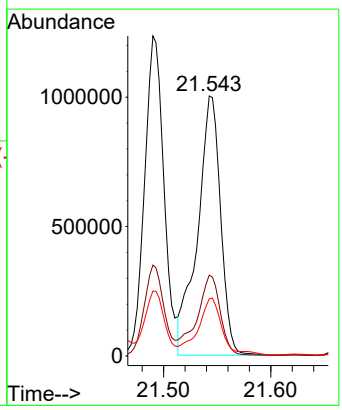


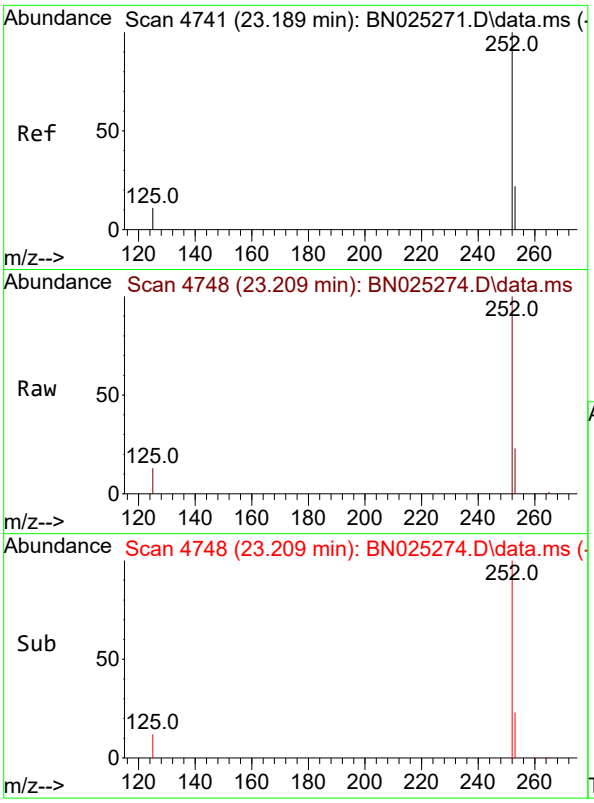


#22
Chrysene
Concen: 22.779 ng/ul
RT: 21.543 min Scan# 4178
Delta R.T. 0.005 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Tgt Ion:228 Resp: 1496671

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.5	36.7
229	22.0	15.8	23.6



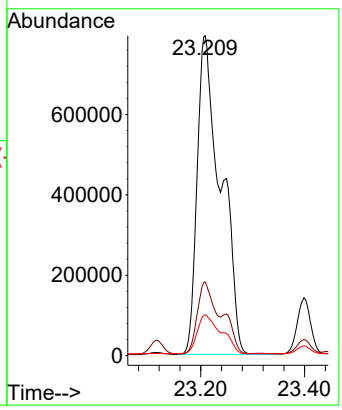


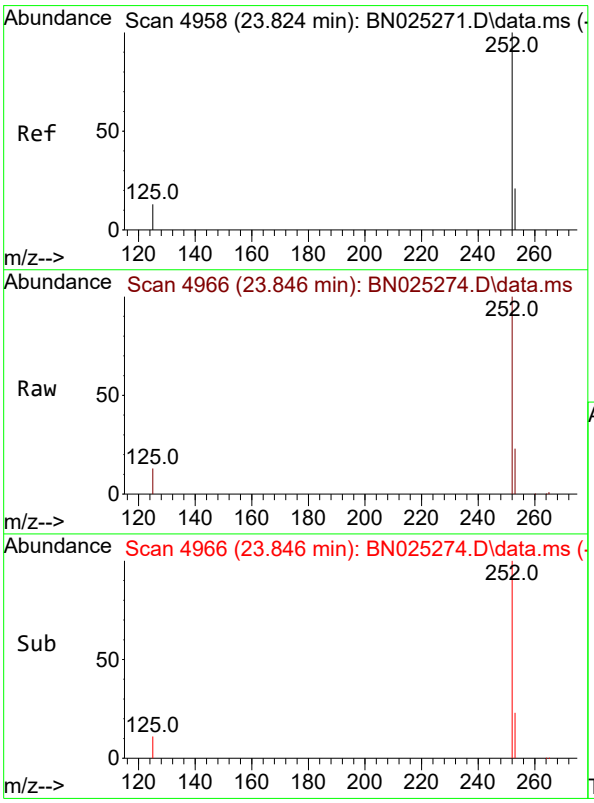
#24
Benzo(b)fluoranthene
Concen: 25.506 ng/ul
RT: 23.209 min Scan# 4
Delta R.T. 0.020 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Instrument :
BNA_N
ClientSampleId :
EW912DL

Tgt Ion:252 Resp: 2503593

Ion	Ratio	Lower	Upper
252	100		
253	23.1	0.0	50.2
125	12.8	0.0	30.4

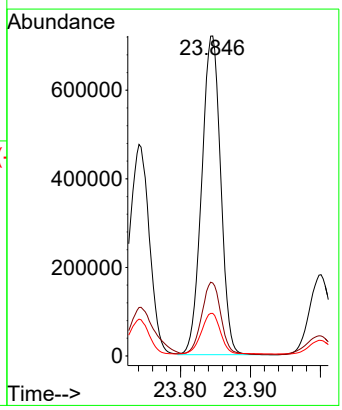


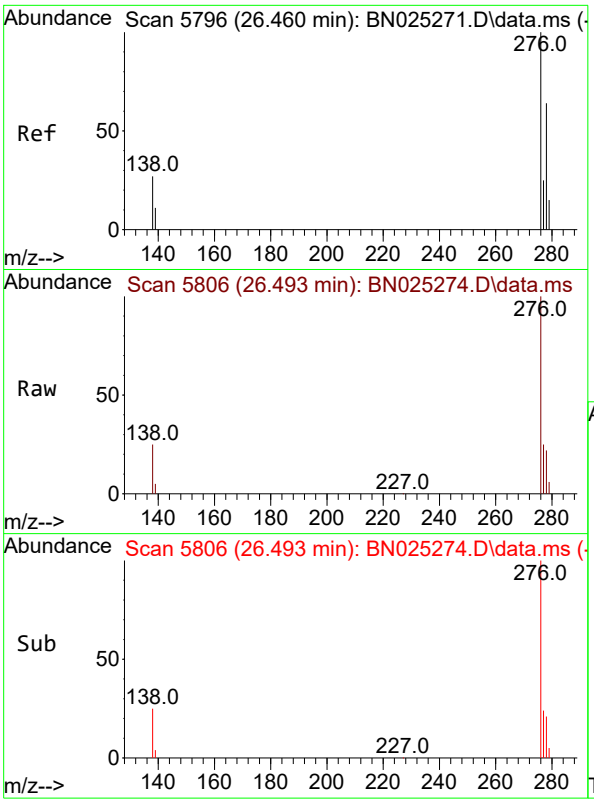


#26
Benzo(a)pyrene
Concen: 16.659 ng/ul
RT: 23.846 min Scan# 4966
Delta R.T. 0.022 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Tgt Ion:252 Resp: 1352975

Ion	Ratio	Lower	Upper
252	100		
253	22.8	21.4	32.2
125	13.3	14.6	22.0#



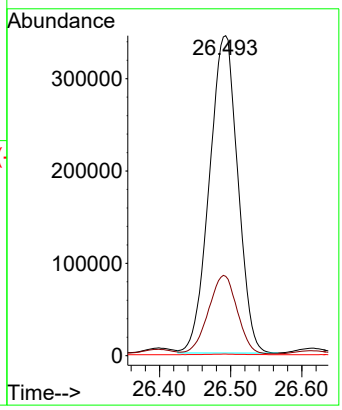


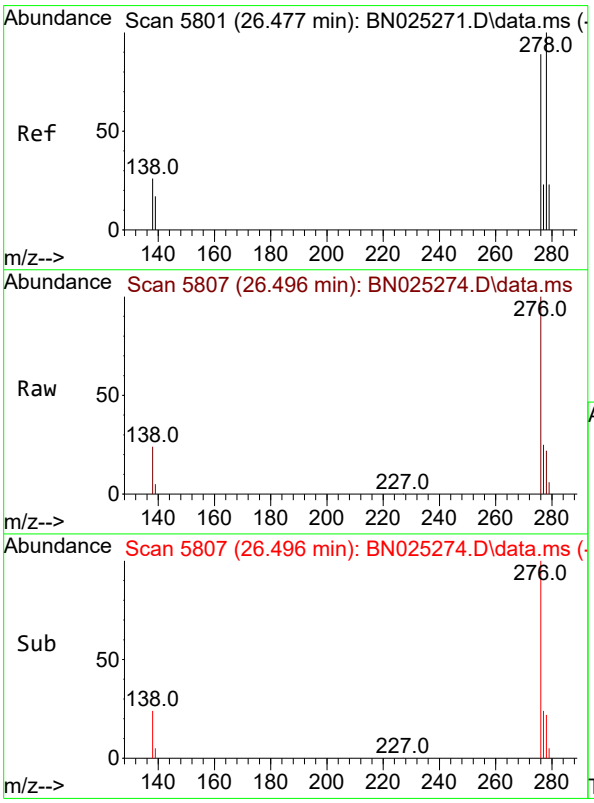
#27
Indeno(1,2,3-cd)pyrene
Concen: 10.204 ng/ul
RT: 26.493 min Scan# 5
Delta R.T. 0.033 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Instrument :
BNA_N
ClientSampleId :
EW912DL

Tgt Ion:276 Resp: 954850

Ion	Ratio	Lower	Upper
276	100		
138	25.0	21.9	32.9
227	0.3	0.1	0.1#

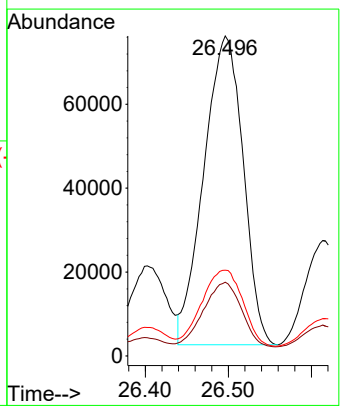


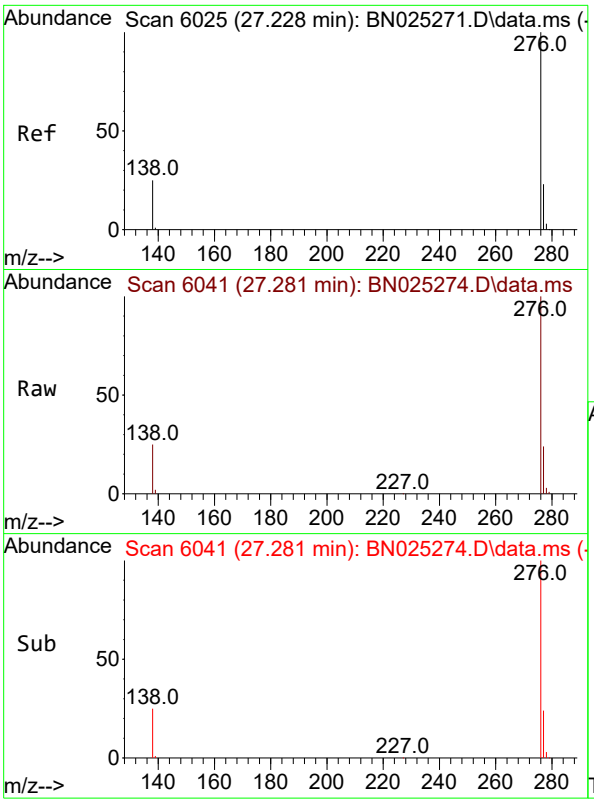


#28
Dibenzo(a,h)anthracene
Concen: 3.316 ng/ul
RT: 26.496 min Scan# 5807
Delta R.T. 0.019 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Tgt Ion:278 Resp: 242359

Ion	Ratio	Lower	Upper
278	100		
139	23.0	17.0	25.6
279	26.8	21.8	32.8





#29
Benzo(g,h,i)perylene
Concen: 11.030 ng/ul
RT: 27.281 min Scan# 6
Delta R.T. 0.053 min
Lab File: BN025274.D
Acq: 05 May 2023 11:20

Instrument :
BNA_N
ClientSampleId :
EW912DL

Tgt Ion:276 Resp: 877579

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