Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070123\
Data File : BN026141.D
Acq On : 30 Jun 2023 22:01
Operator : MA/JU
Sample : 03161-12
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFW8

Quant Time: Jul 01 01:48:24 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN062223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.959	152	6695	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	21360	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.603	164	12693	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.347	188	26333	0.400	ng/ul	0.00
17) Chrysene-d12	21.535	240	15137	0.400	ng/ul	# 0.00
23) Perylene-d12	23.987	264	14423	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.322	96	24973	3.312	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.359	152	7766	0.236	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	17237	0.299	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.820	128	12407	0.203	ng/ul	98
7) 2-Methylnaphthalene	12.436	142	8034	0.206	ng/ul	100
8) 1-Methylnaphthalene	12.651	142	5948	0.147	ng/ul	99
10) Acenaphthylene	14.325	152	15139	0.255	ng/ul	97
11) Acenaphthene	14.663	153	5307	0.109	ng/ul	98
12) Fluorene	15.648	166	4287	0.077	ng/ul#	98
15) Phenanthrene	17.389	178	137064	1.576	ng/ul	100
16) Anthracene	17.482	178	20682	0.268	ng/ul	97
19) Fluoranthene	19.405	202	398156	4.925	ng/ul	99
20) Pyrene	19.768	202	318724	3.790	ng/ul	99
21) Benzo(a)anthracene	21.517	228	142577	2.283	ng/ul#	93
22) Chrysene	21.570	228	178998	2.755	ng/ul#	96
24) Benzo(b)fluoranthene	23.239	252	351731	5.714	ng/ul	92
26) Benzo(a)pyrene	23.876	252	153750	2.876	ng/ul#	87
27) Indeno(1,2,3-cd)pyrene	26.547	276	138667	2.374	ng/ul#	82
28) Dibenzo(a,h)anthracene	26.557	278	32618	0.738	ng/ul	95
29) Benzo(g,h,i)perylene	27.342	276	134732	2.593	ng/ul	95

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

Quantitation Report (Not Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 01 01:46:24 2023
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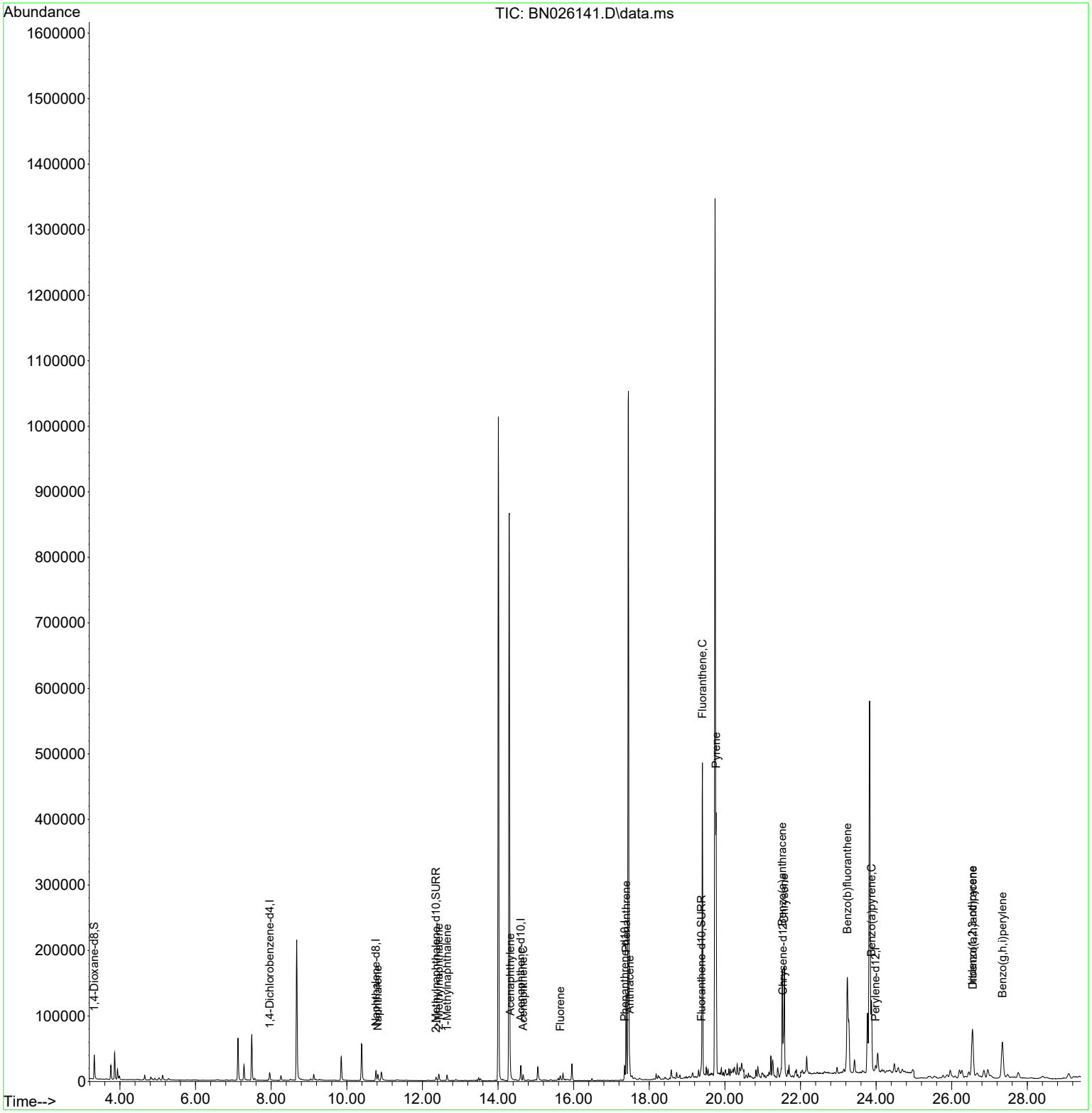
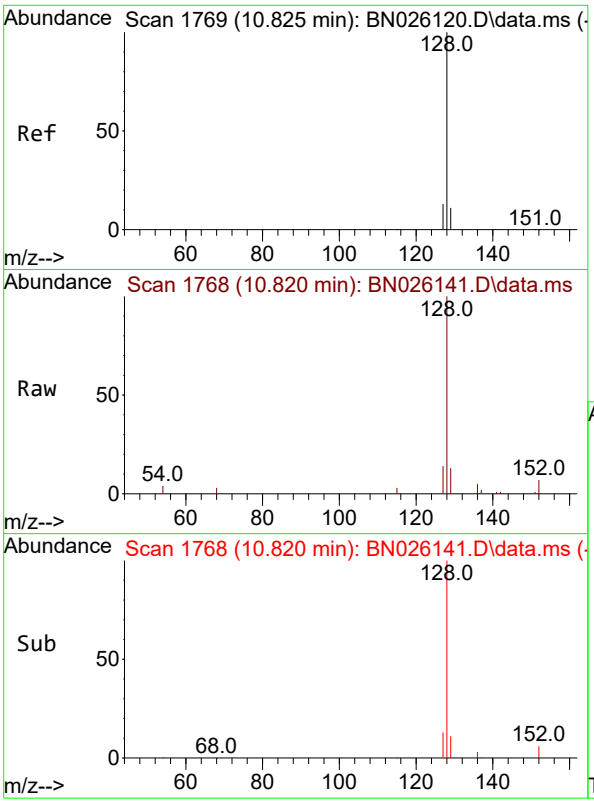


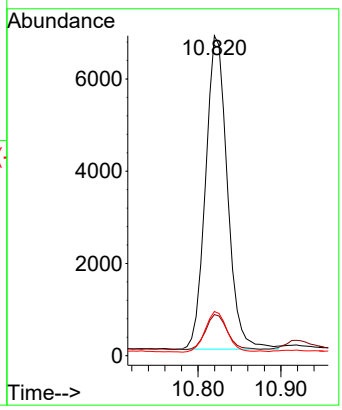


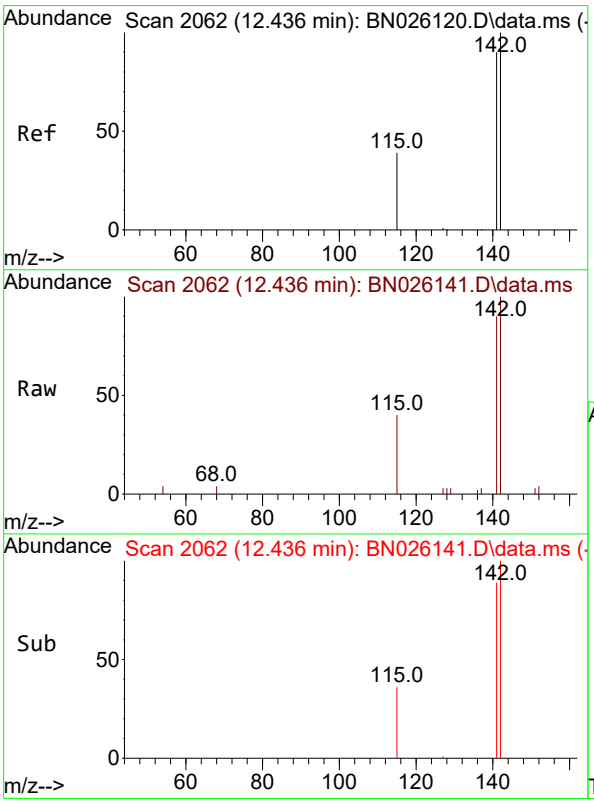
#5
Naphthalene
Concen: 0.203 ng/ul
RT: 10.820 min Scan# 1
Delta R.T. -0.005 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Instrument :
BNA_N
ClientSampleId :
DCFW8

Tgt Ion:128 Resp: 12407

Ion	Ratio	Lower	Upper
128	100		
129	12.9	9.1	13.7
127	13.8	10.7	16.1

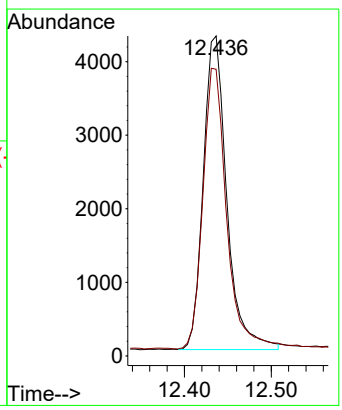


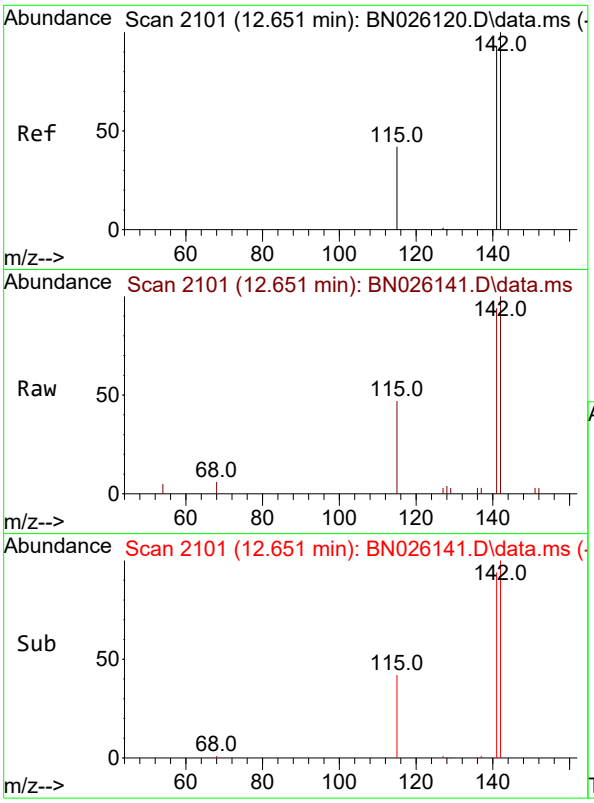


#7
2-Methylnaphthalene
Concen: 0.206 ng/ul
RT: 12.436 min Scan# 2062
Delta R.T. 0.000 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Tgt Ion:142 Resp: 8034

Ion	Ratio	Lower	Upper
142	100		
141	90.0	71.9	107.9



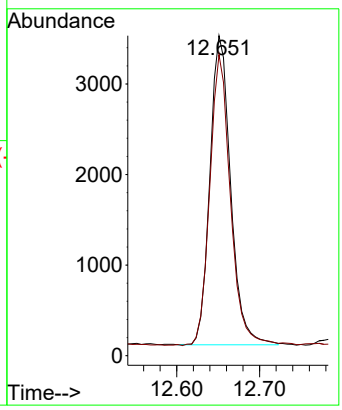


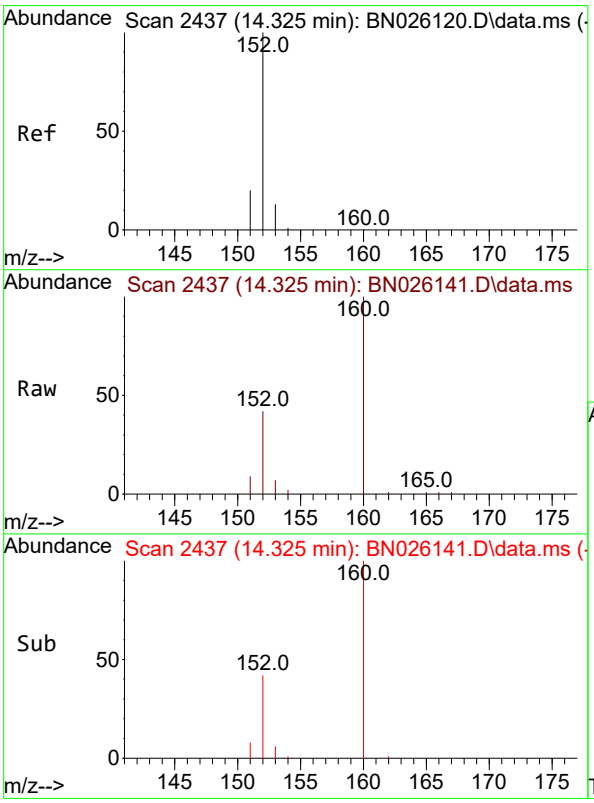
#8
1-Methylnaphthalene
Concen: 0.147 ng/ul
RT: 12.651 min Scan# 21
Delta R.T. 0.000 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Instrument :
BNA_N
ClientSampleId :
DCFW8

Tgt Ion:142 Resp: 5948

Ion	Ratio	Lower	Upper
142	100		
141	93.5	74.2	111.4

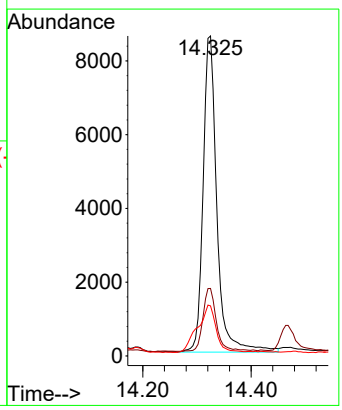


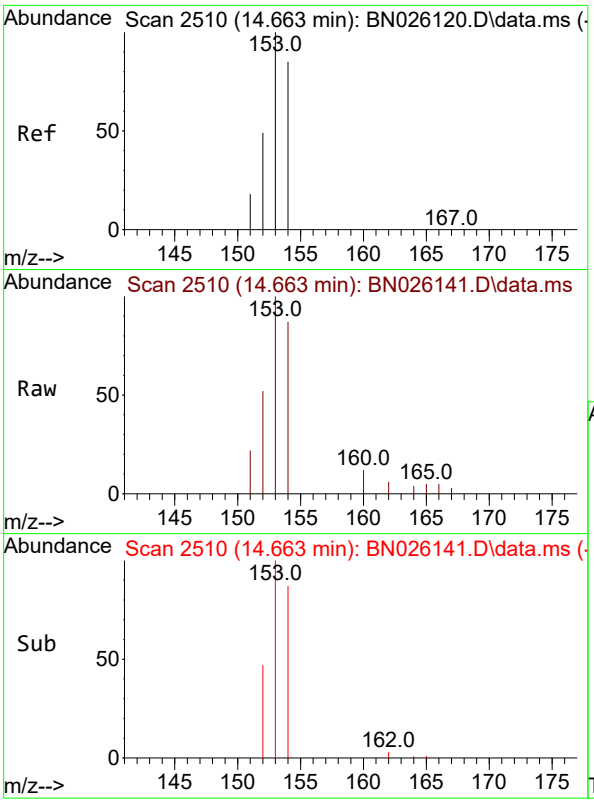


#10
Acenaphthylene
Concen: 0.255 ng/ul
RT: 14.325 min Scan# 2437
Delta R.T. -0.001 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Tgt Ion:152 Resp: 15139

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.4
153	15.7	10.9	16.3



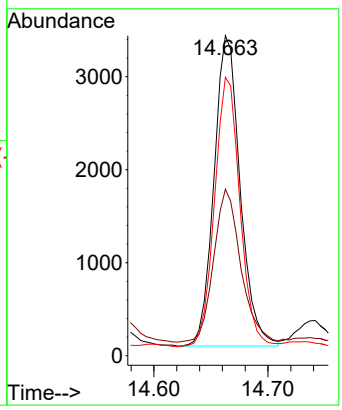


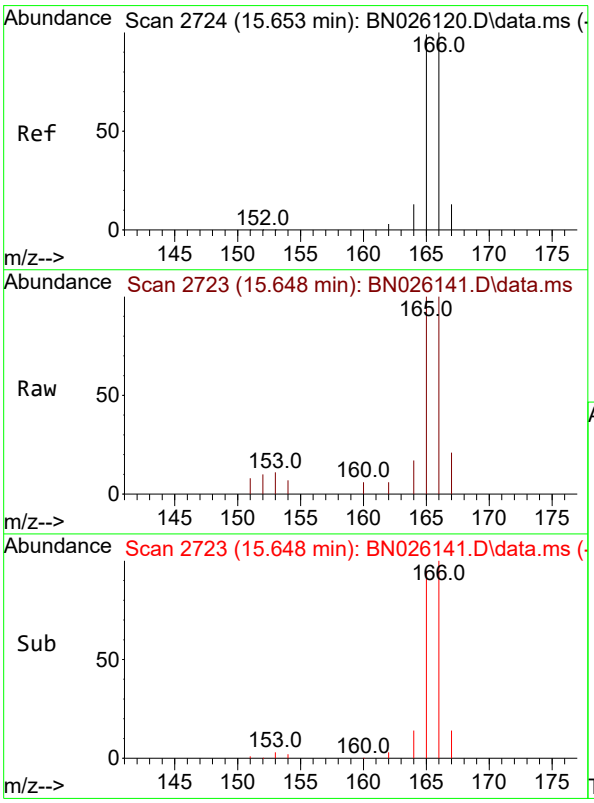
#11
Acenaphthene
Concen: 0.109 ng/ul
RT: 14.663 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Instrument :
BNA_N
ClientSampleId :
DCFW8

Tgt Ion:153 Resp: 5307

Ion	Ratio	Lower	Upper
153	100		
152	52.0	39.4	59.0
154	87.0	68.9	103.3

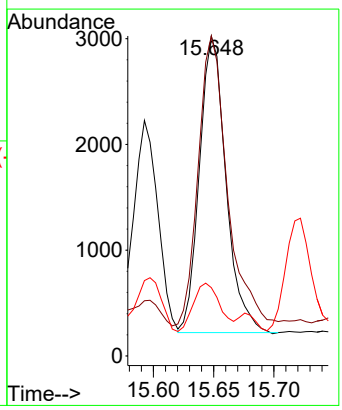


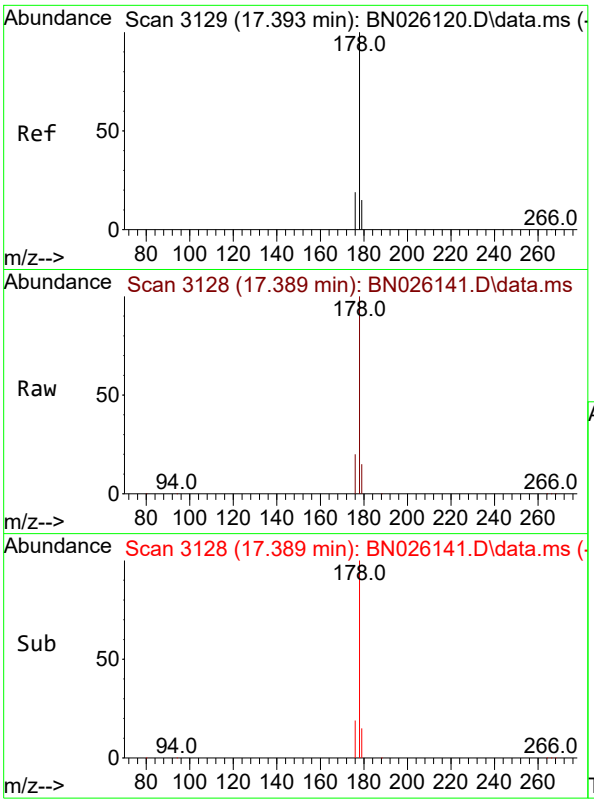


#12
Fluorene
Concen: 0.077 ng/ul
RT: 15.648 min Scan# 2723
Delta R.T. -0.005 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Tgt Ion:166 Resp: 4287

Ion	Ratio	Lower	Upper
166	100		
165	100.0	79.9	119.9
167	21.4	10.8	16.2#



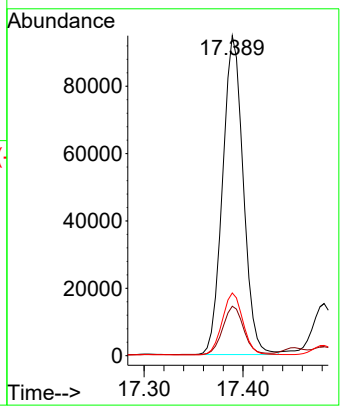


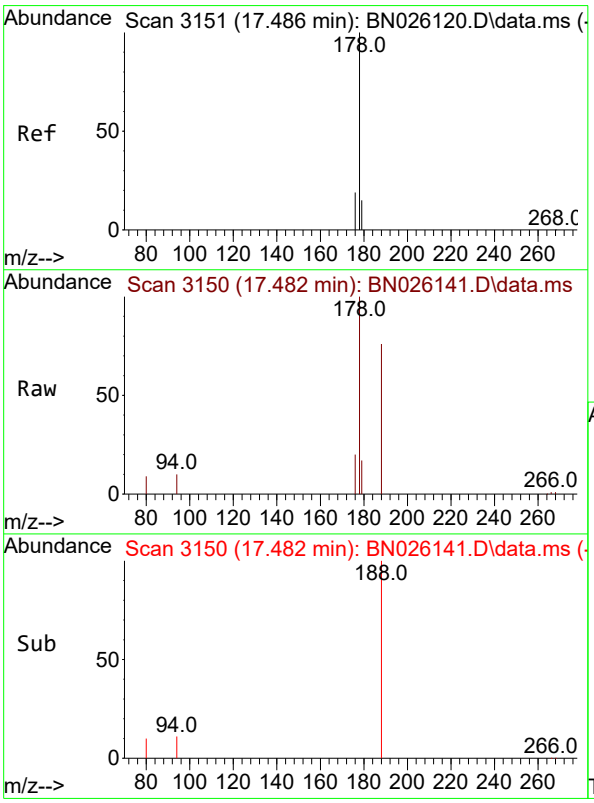
#15
Phenanthrene
Concen: 1.576 ng/ul
RT: 17.389 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Instrument :
BNA_N
ClientSampleId :
DCFW8

Tgt Ion:178 Resp: 137064

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.6	19.0
176	19.6	15.8	23.6

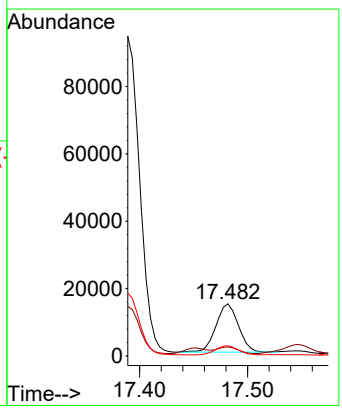


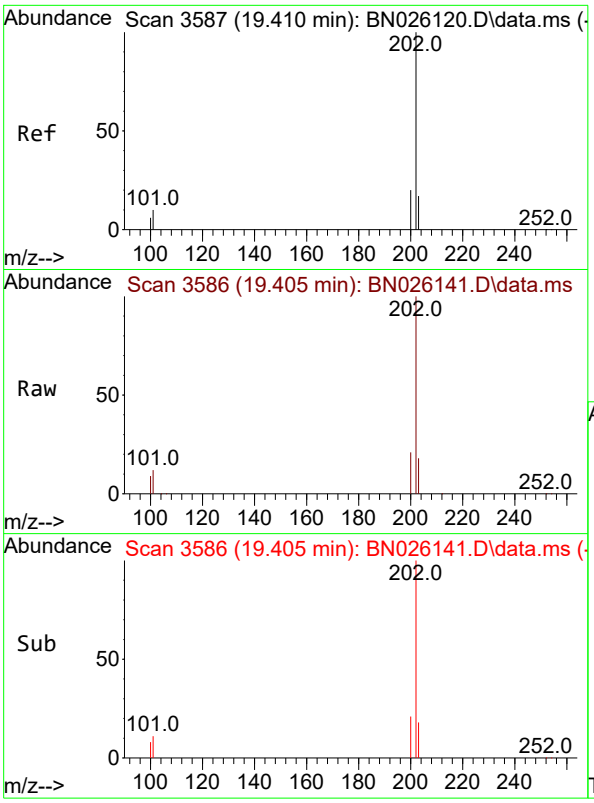


#16
Anthracene
Concen: 0.268 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Tgt Ion:178 Resp: 20682

Ion	Ratio	Lower	Upper
178	100		
179	17.2	12.6	18.8
176	19.7	15.1	22.7



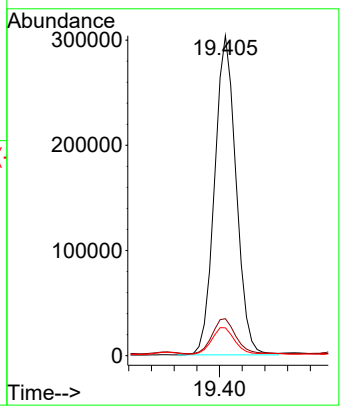


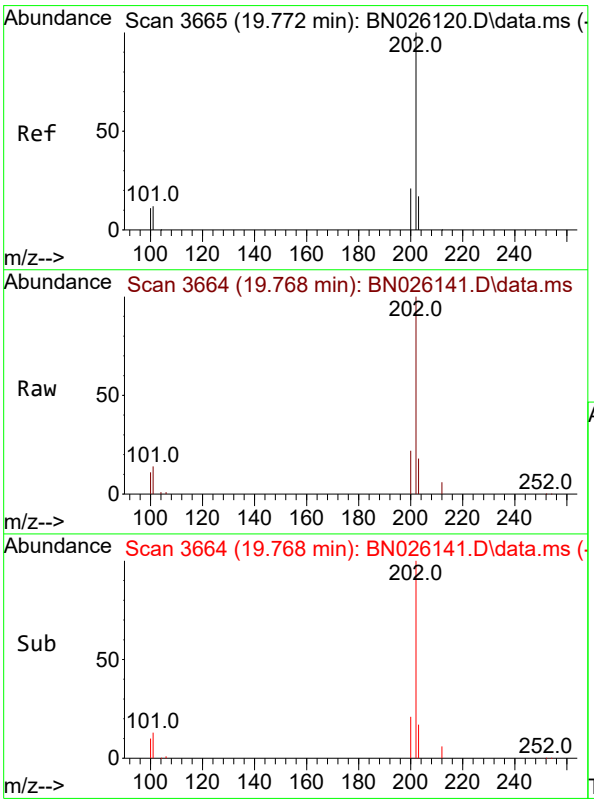
#19
Fluoranthene
Concen: 4.925 ng/ul
RT: 19.405 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Instrument :
BNA_N
ClientSampleId :
DCFW8

Tgt Ion:202 Resp: 398156

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.5	14.3
100	8.7	7.3	10.9

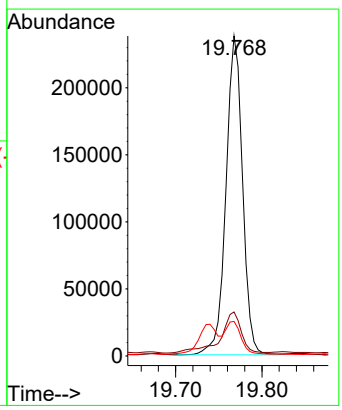


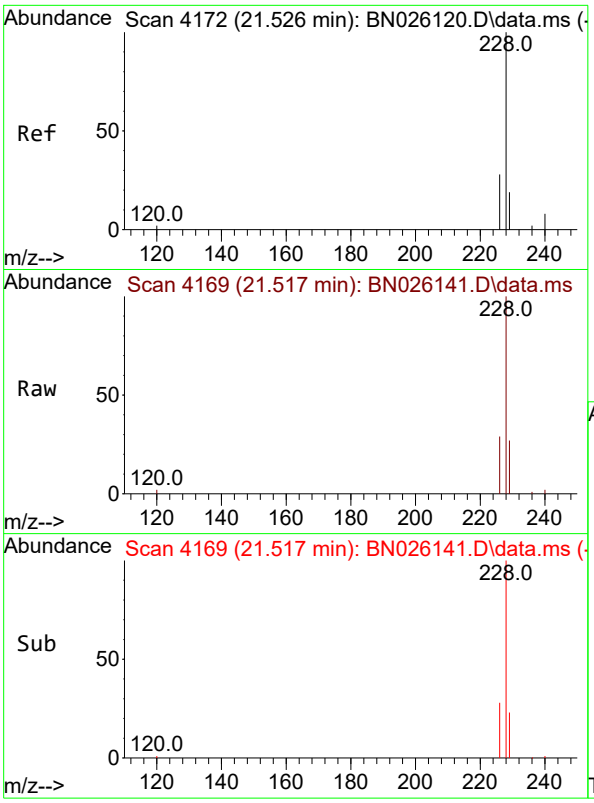


#20
Pyrene
Concen: 3.790 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.005 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Tgt Ion:202 Resp: 318724

Ion	Ratio	Lower	Upper
202	100		
101	13.8	11.4	17.0
100	10.8	9.1	13.7



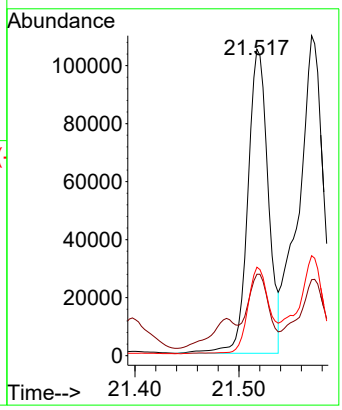


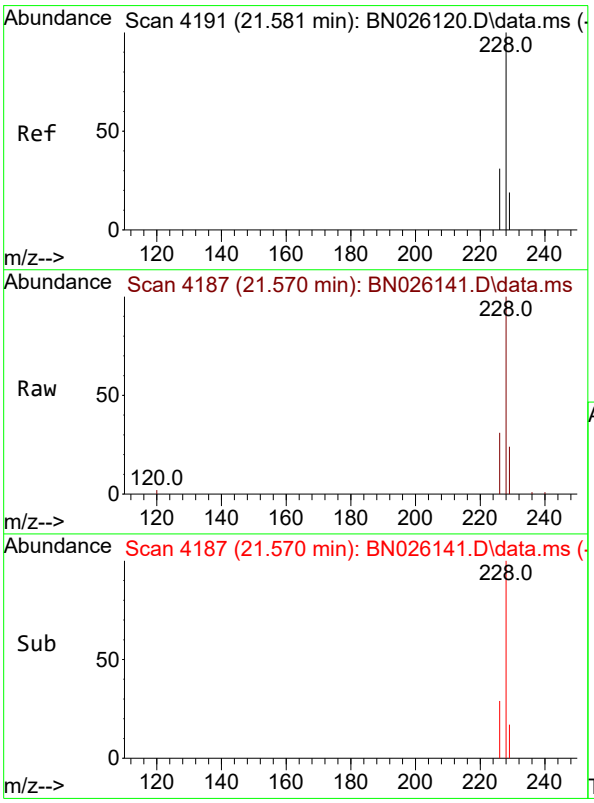
#21
Benzo(a)anthracene
Concen: 2.283 ng/ul
RT: 21.517 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Instrument :
BNA_N
ClientSampleId :
DCFW8

Tgt Ion:228 Resp: 142577

Ion	Ratio	Lower	Upper
228	100		
229	26.6	15.8	23.6#
226	28.9	22.5	33.7

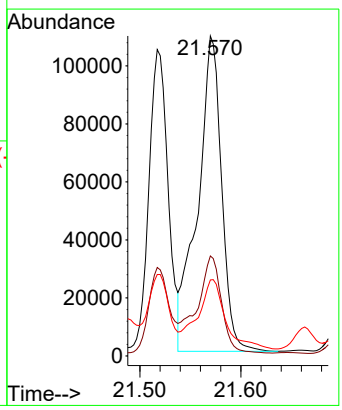


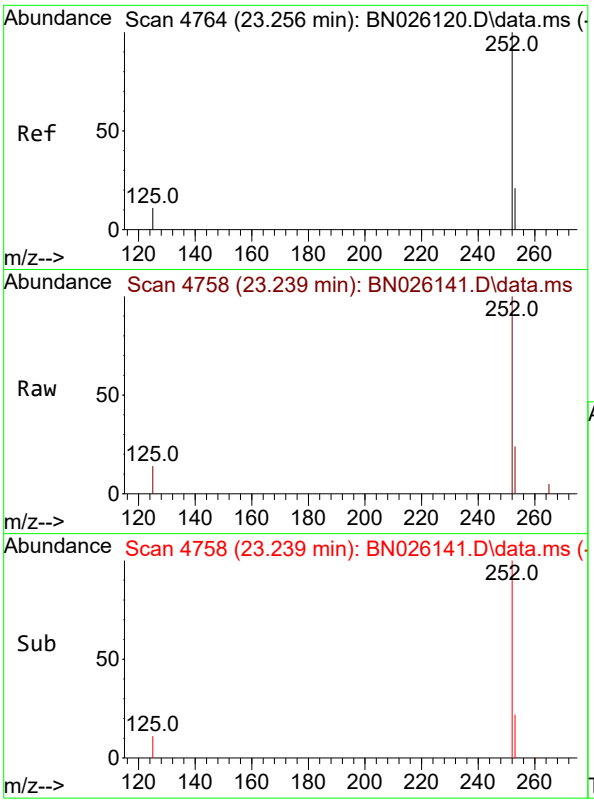


#22
Chrysene
Concen: 2.755 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.009 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Tgt Ion:228 Resp: 178998

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	23.7	15.7	23.5#



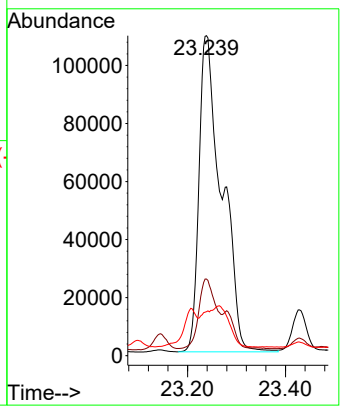


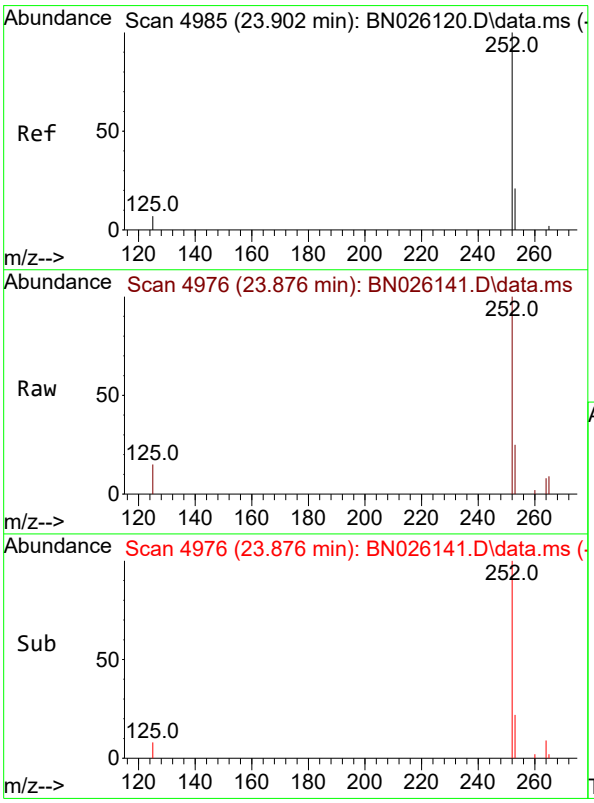
#24
Benzo(b)fluoranthene
Concen: 5.714 ng/ul
RT: 23.239 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Instrument :
BNA_N
ClientSampleId :
DCFW8

Tgt Ion:252 Resp: 351731

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	55.6
125	13.8	0.0	35.8

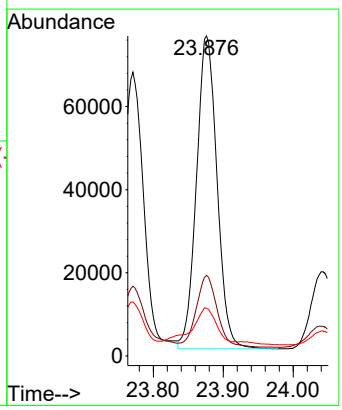


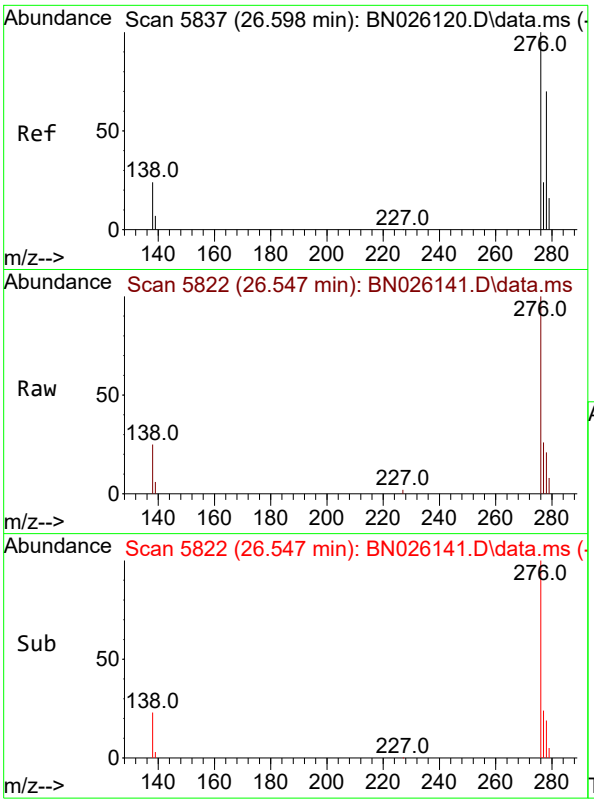


#26
Benzo(a)pyrene
Concen: 2.876 ng/ul
RT: 23.876 min Scan# 4976
Delta R.T. -0.009 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Tgt Ion:252 Resp: 153750

Ion	Ratio	Lower	Upper
252	100		
253	25.2	26.0	39.0#
125	14.9	17.3	25.9#



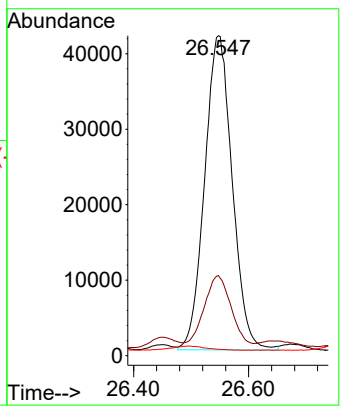


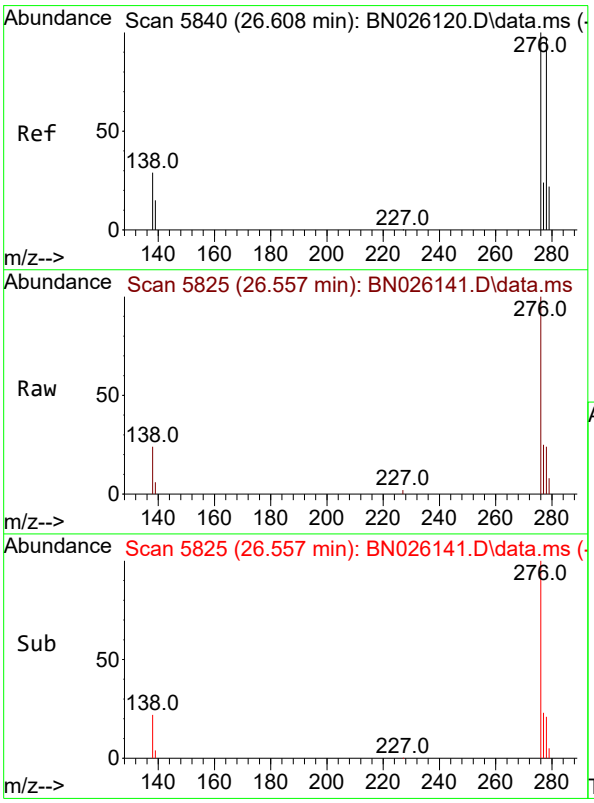
#27
Indeno(1,2,3-cd)pyrene
Concen: 2.374 ng/ul
RT: 26.547 min Scan# 5
Delta R.T. -0.011 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Instrument :
BNA_N
ClientSampleId :
DCFW8

Tgt Ion:276 Resp: 138667

Ion	Ratio	Lower	Upper
276	100		
138	20.8	24.5	36.7#
227	0.0	0.0	0.0

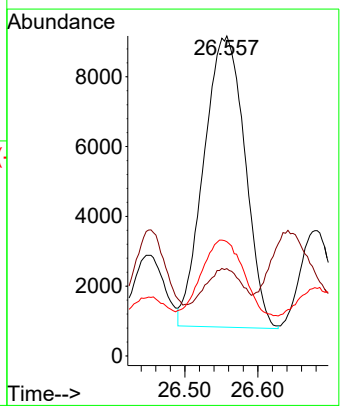


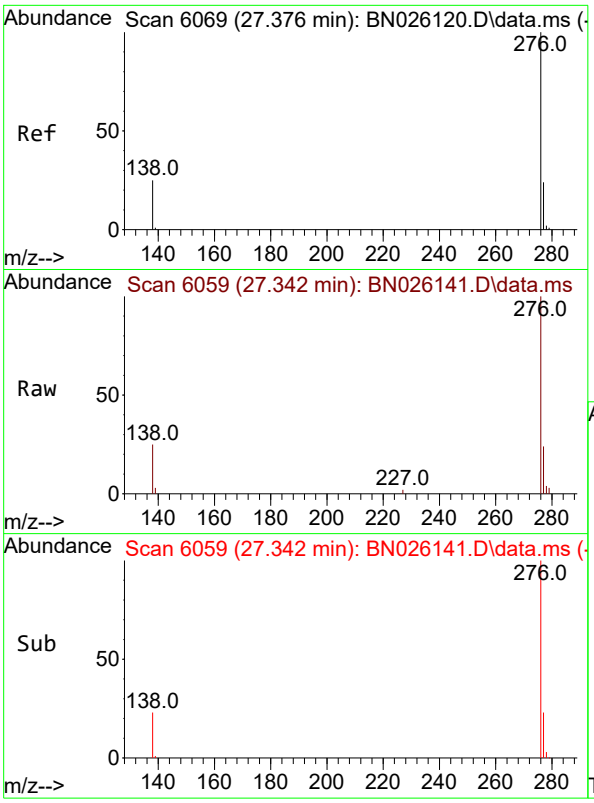


#28
Dibenzo(a,h)anthracene
Concen: 0.738 ng/ul
RT: 26.557 min Scan# 5825
Delta R.T. -0.021 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Tgt Ion:278 Resp: 32618

Ion	Ratio	Lower	Upper
278	100		
139	27.3	19.0	28.4
279	35.7	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 2.593 ng/ul
RT: 27.342 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN026141.D
Acq: 30 Jun 2023 22:01

Instrument :
BNA_N
ClientSampleId :
DCFW8

Tgt Ion:276 Resp: 134732

Ion	Ratio	Lower	Upper
276	100		
138	24.8	23.4	35.0
277	24.2	20.0	30.0