Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025946.D
Acq On : 22 Jun 2023 20:23
Operator : MA/JU
Sample : 03083-04DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFK2DL

Quant Time: Jun 23 01:04:46 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 : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.980	152	7919	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	24672	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	15328	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.360	188	32967	0.400	ng/ul	0.00
17) Chrysene-d12	21.550	240	21191	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	16809	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	6698	0.751	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	1985	0.052	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	4485	0.056	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.842	128	11242	0.159	ng/ul	98
7) 2-Methylnaphthalene	12.453	142	8734	0.194	ng/ul	98
8) 1-Methylnaphthalene	12.673	142	8090	0.173	ng/ul	99
10) Acenaphthylene	14.340	152	22765	0.317	ng/ul	98
11) Acenaphthene	14.682	153	1763	0.030	ng/ul	96
12) Fluorene	15.663	166	2196	0.033	ng/ul#	85
15) Phenanthrene	17.403	178	77978	0.716	ng/ul	99
16) Anthracene	17.495	178	10346	0.107	ng/ul#	94
19) Fluoranthene	19.420	202	197386	1.744	ng/ul	97
20) Pyrene	19.782	202	167029	1.419	ng/ul	95
21) Benzo(a)anthracene	21.533	228	79059	0.904	ng/ul	96
22) Chrysene	21.588	228	92989	1.022	ng/ul	97
24) Benzo(b)fluoranthene	23.260	252	154013	2.147	ng/ul	94
26) Benzo(a)pyrene	23.900	252	62594	1.005	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.568	276	48394	0.711	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.575	278	11746	0.228	ng/ul#	88
29) Benzo(g,h,i)perylene	27.370	276	47142	0.779	ng/ul	96

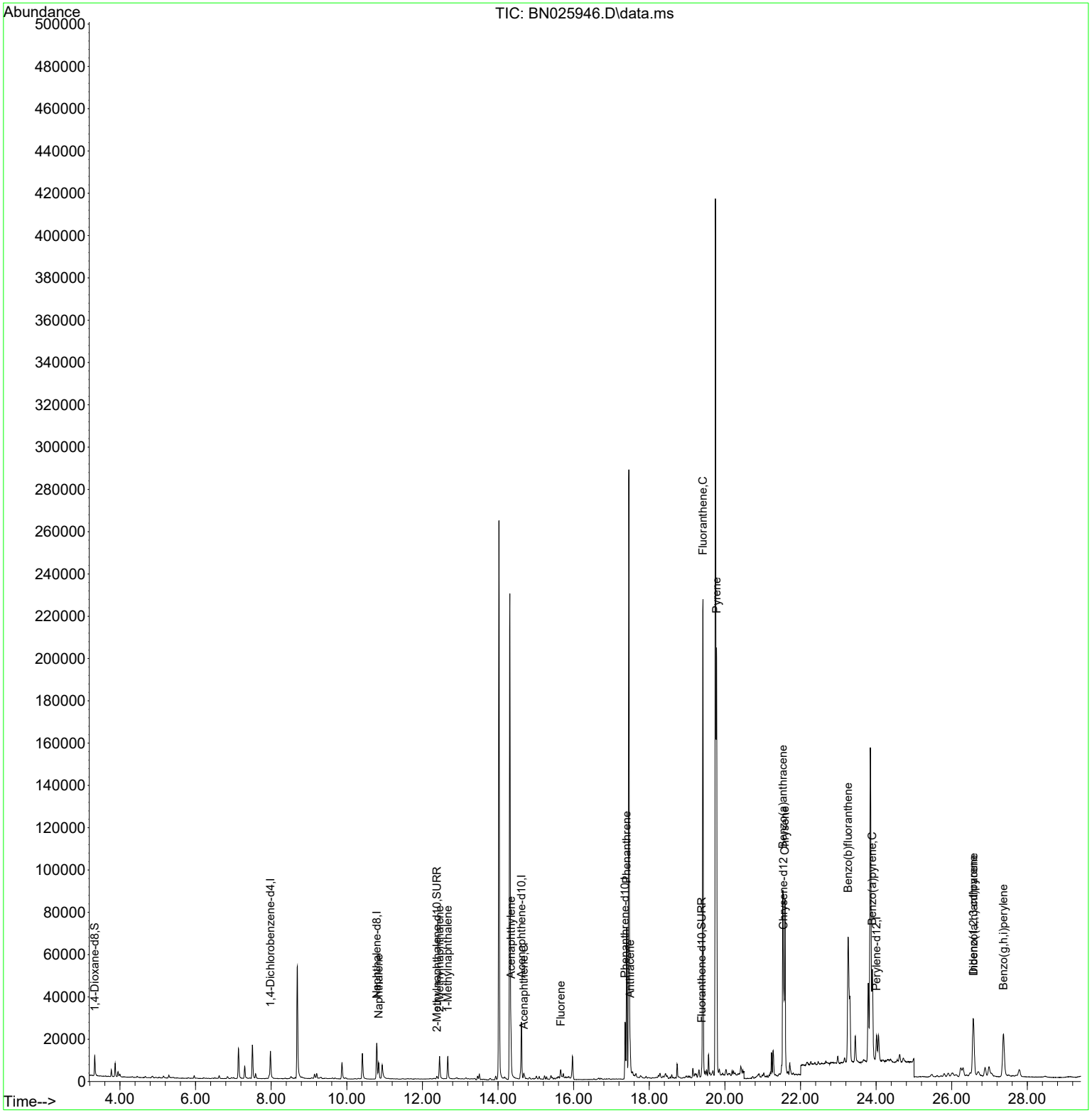
(#) = qualifier out of range (m) = manual integration (+) = signals summed

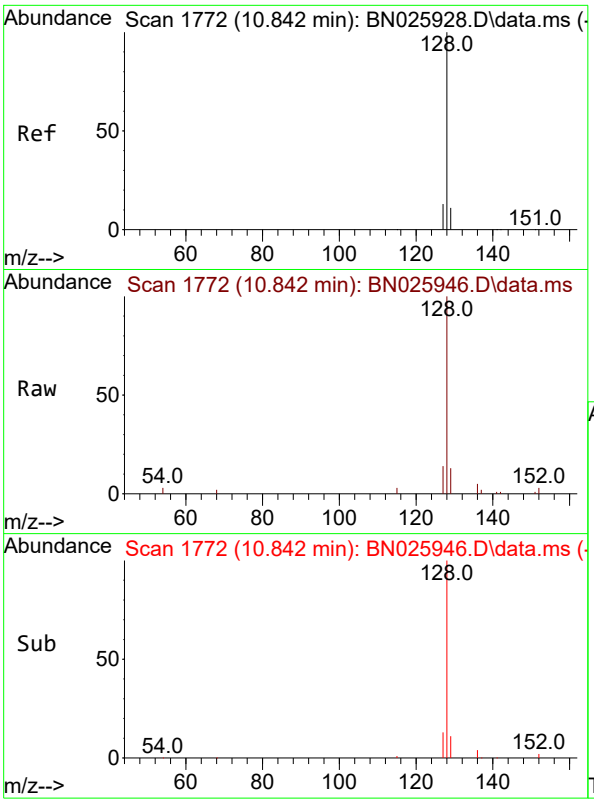
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025946.D
Acq On : 22 Jun 2023 20:23
Operator : MA/JU
Sample : 03083-04DL 5X
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFK2DL

Quant Time: Jun 23 01:04:46 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 : Thu Jun 22 01:27:41 2023
Response via : Initial Calibration



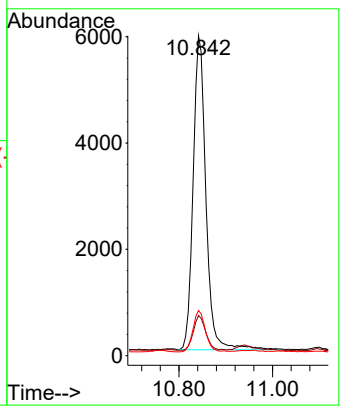


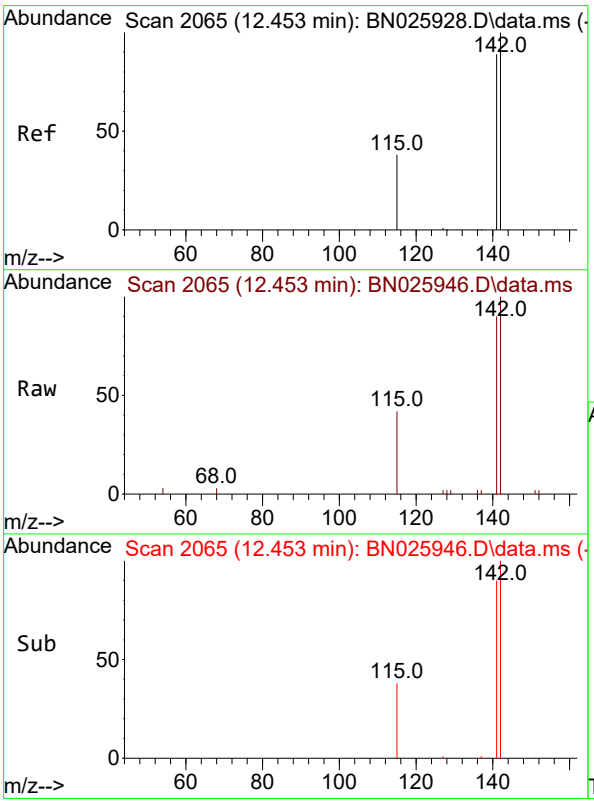
#5
Naphthalene
Concen: 0.159 ng/ul
RT: 10.842 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Instrument :
BNA_N
ClientSampleId :
DCFK2DL

Tgt Ion:128 Resp: 11242

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.1	13.7
127	14.1	10.7	16.1

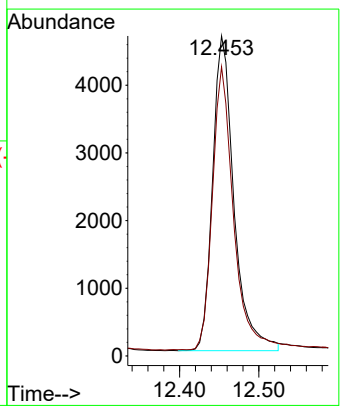


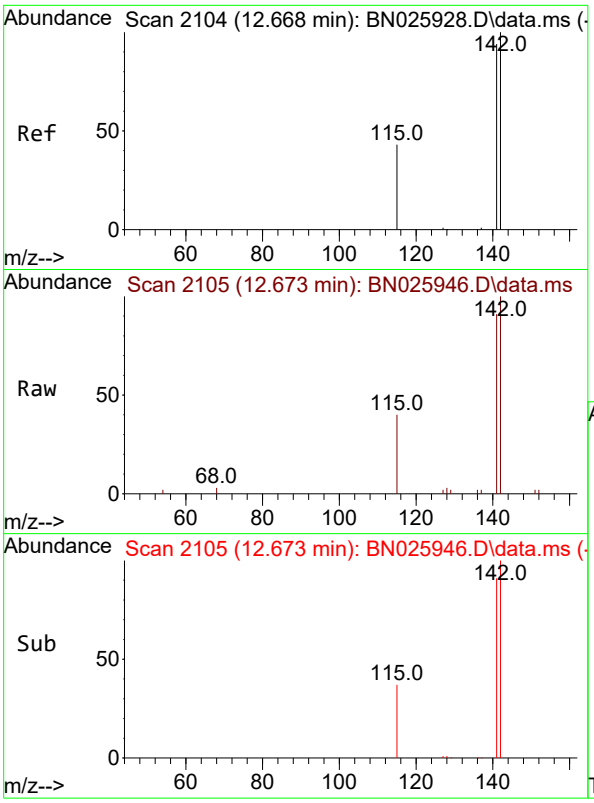


#7
2-Methylnaphthalene
Concen: 0.194 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Tgt Ion:142 Resp: 8734

Ion	Ratio	Lower	Upper
142	100		
141	88.2	71.9	107.9



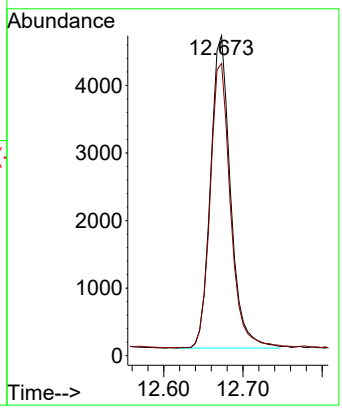


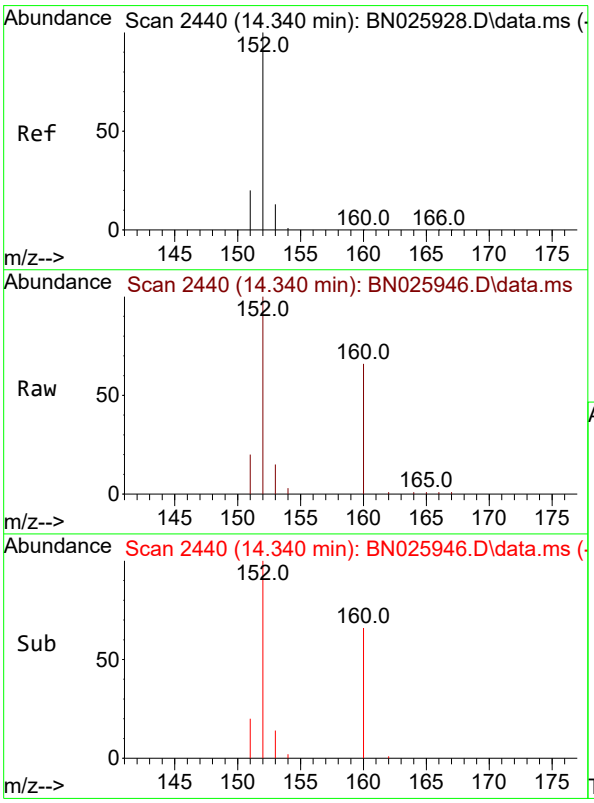
#8
1-Methylnaphthalene
Concen: 0.173 ng/ul
RT: 12.673 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Instrument :
BNA_N
ClientSampleId :
DCFK2DL

Tgt Ion:142 Resp: 8090

Ion	Ratio	Lower	Upper
142	100		
141	92.2	74.2	111.4

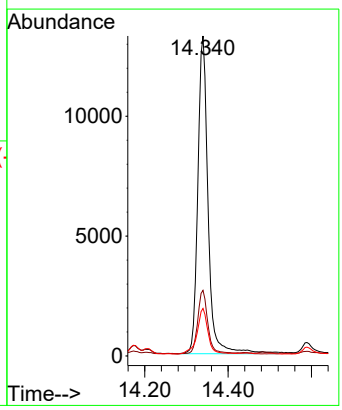


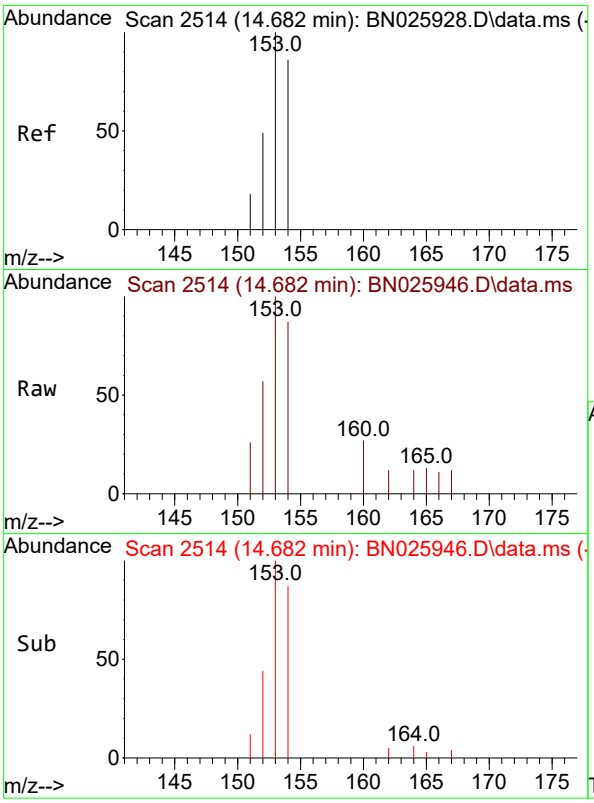


#10
Acenaphthylene
Concen: 0.317 ng/ul
RT: 14.340 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Tgt Ion:152 Resp: 22765

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.4
153	14.9	10.9	16.3



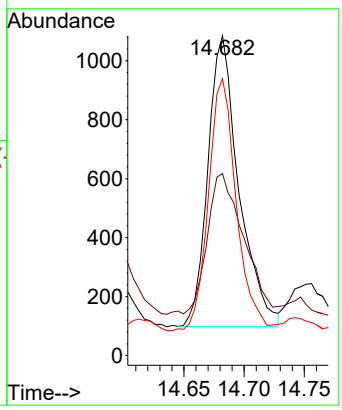


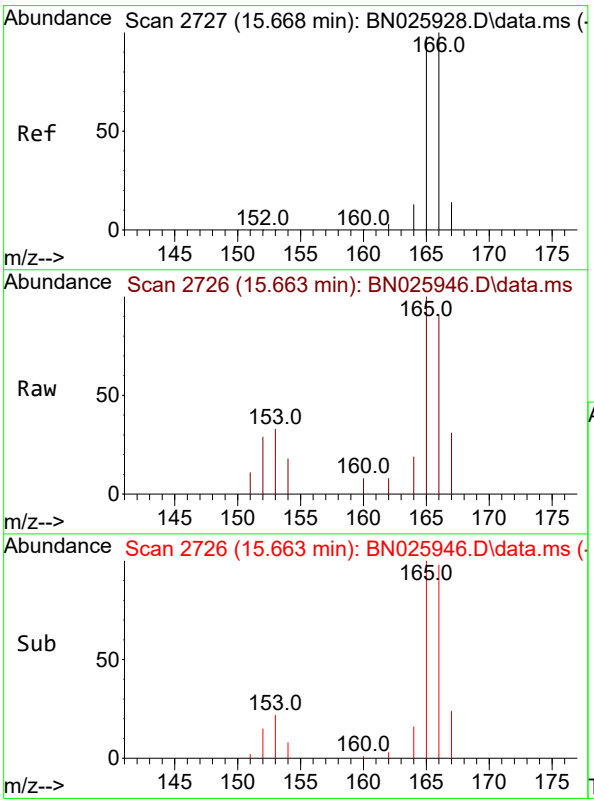
#11
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.682 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Instrument :
BNA_N
ClientSampleId :
DCFK2DL

Tgt Ion:153 Resp: 1763

Ion	Ratio	Lower	Upper
153	100		
152	56.9	39.4	59.0
154	86.5	68.9	103.3

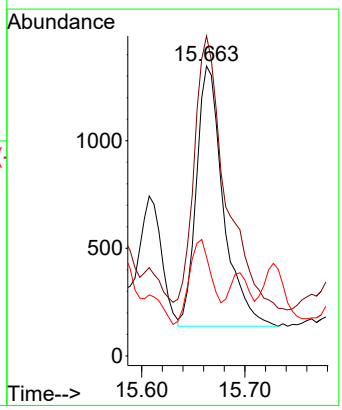


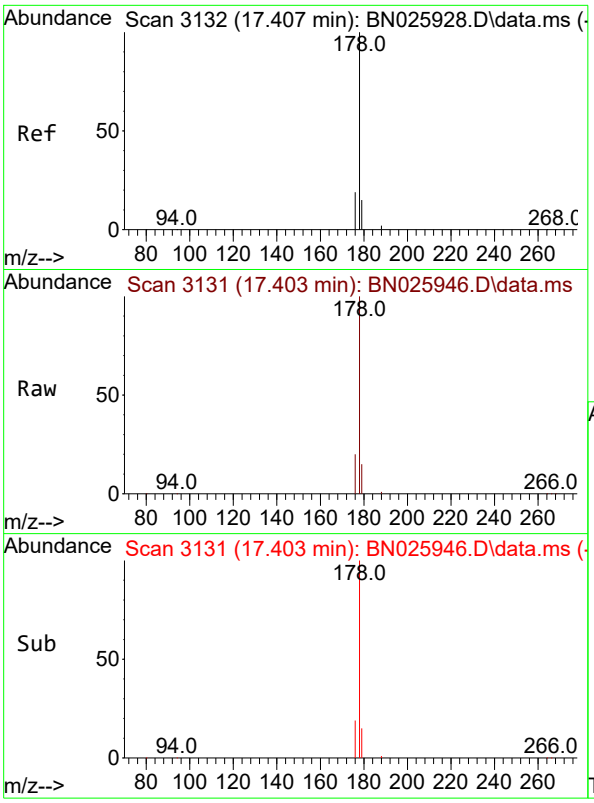


#12
Fluorene
Concen: 0.033 ng/ul
RT: 15.663 min Scan# 2726
Delta R.T. -0.004 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Tgt Ion:166 Resp: 2196

Ion	Ratio	Lower	Upper
166	100		
165	110.4	79.9	119.9
167	34.2	10.8	16.2#



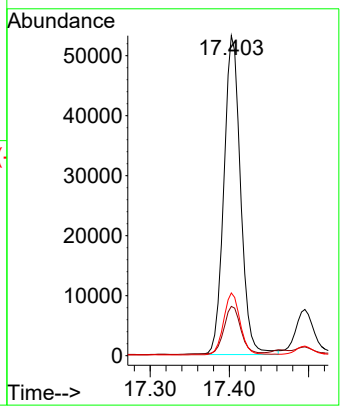


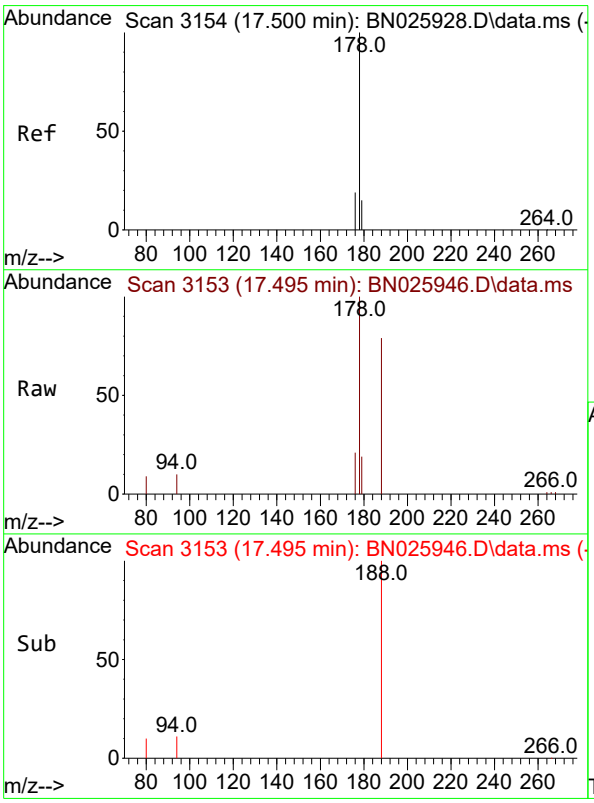
#15
Phenanthrene
Concen: 0.716 ng/ul
RT: 17.403 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Instrument :
BNA_N
ClientSampleId :
DCFK2DL

Tgt Ion:178 Resp: 77978

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	19.0
176	19.6	15.8	23.6

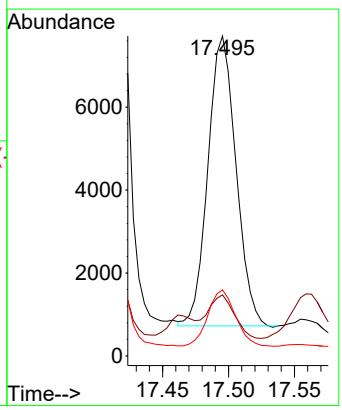


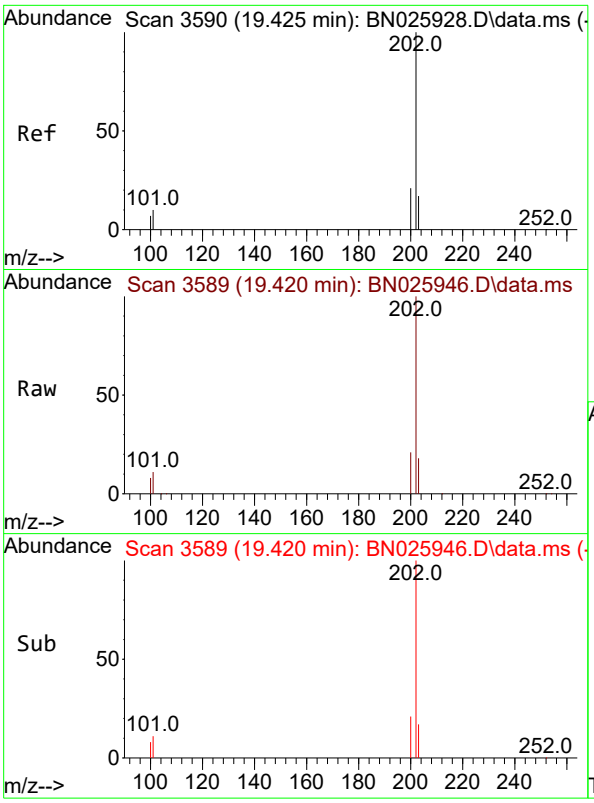


#16
Anthracene
Concen: 0.107 ng/ul
RT: 17.495 min Scan# 3153
Delta R.T. -0.003 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Tgt Ion:178 Resp: 10346

Ion	Ratio	Lower	Upper
178	100		
179	19.1	12.6	18.8#
176	20.7	15.1	22.7



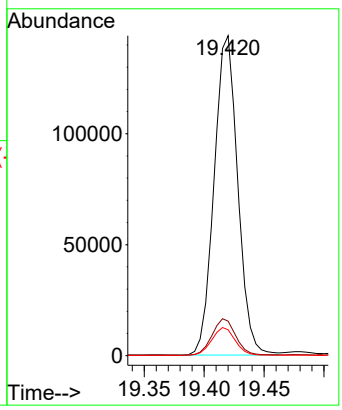


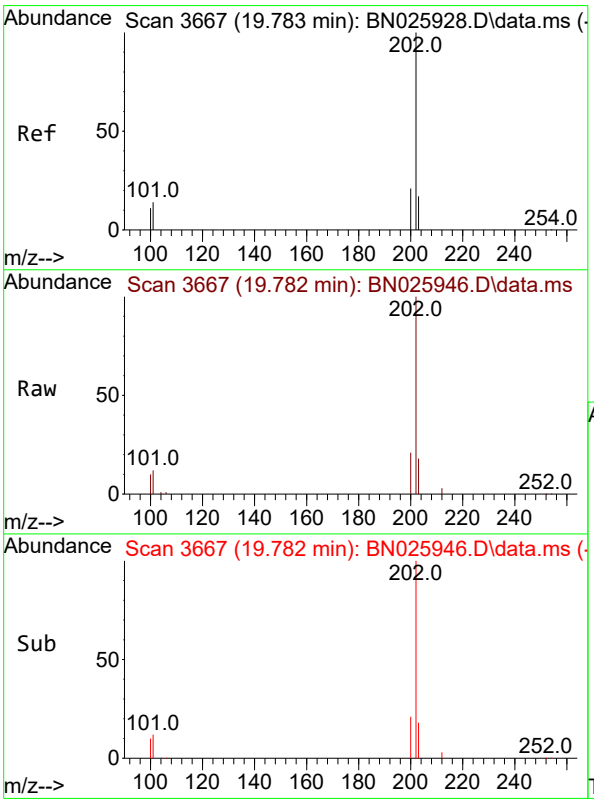
#19
Fluoranthene
Concen: 1.744 ng/ul
RT: 19.420 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Instrument :
BNA_N
ClientSampleId :
DCFK2DL

Tgt Ion:202 Resp: 197386

Ion	Ratio	Lower	Upper
202	100		
101	10.8	9.5	14.3
100	8.1	7.3	10.9

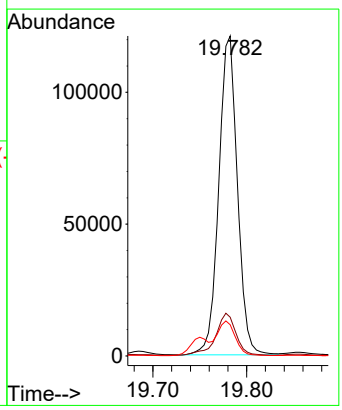


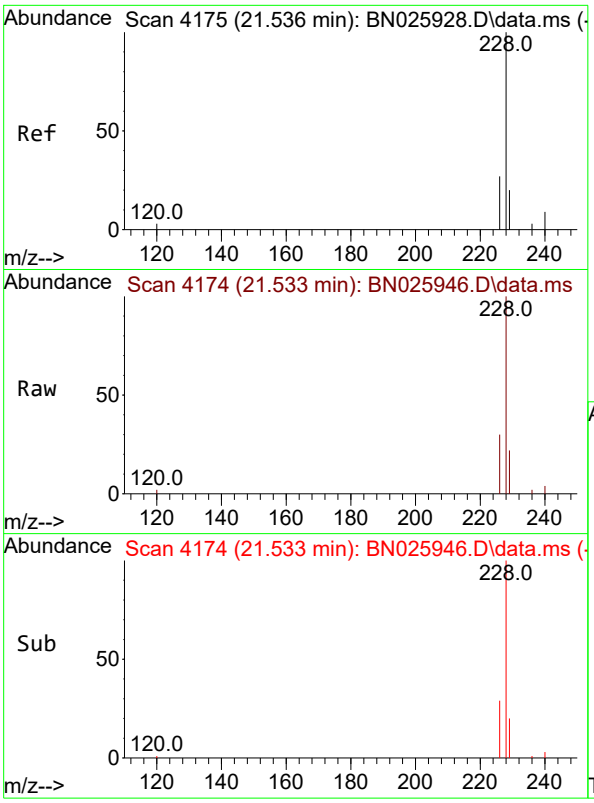


#20
Pyrene
Concen: 1.419 ng/ul
RT: 19.782 min Scan# 3667
Delta R.T. 0.001 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Tgt Ion:202 Resp: 167029

Ion	Ratio	Lower	Upper
202	100		
101	12.1	11.4	17.0
100	9.7	9.1	13.7



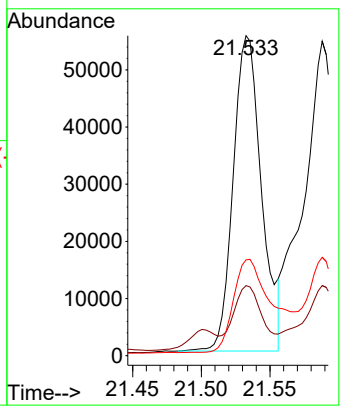


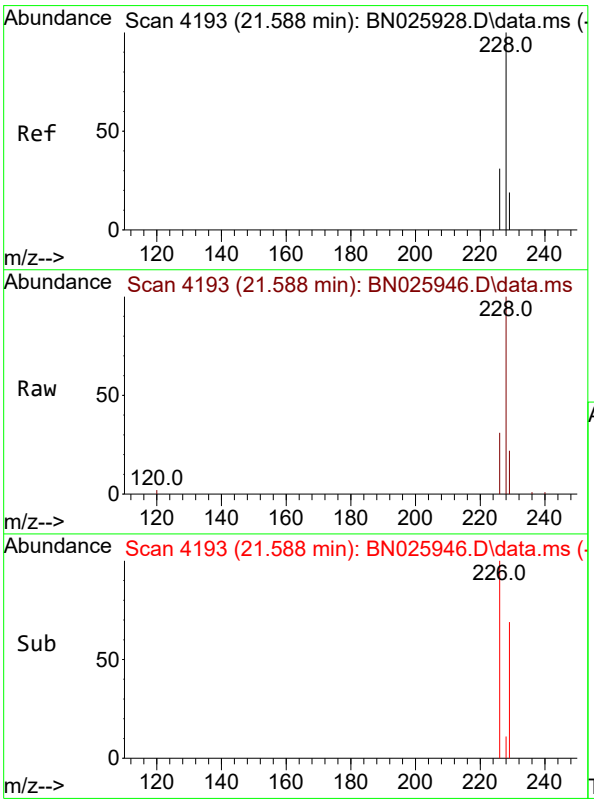
#21
Benzo(a)anthracene
Concen: 0.904 ng/ul
RT: 21.533 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Instrument :
BNA_N
ClientSampleId :
DCFK2DL

Tgt Ion:228 Resp: 79059

Ion	Ratio	Lower	Upper
228	100		
229	21.9	15.8	23.6
226	30.0	22.5	33.7

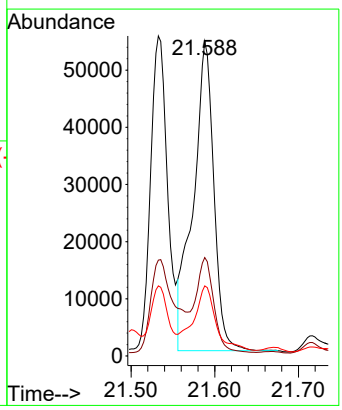


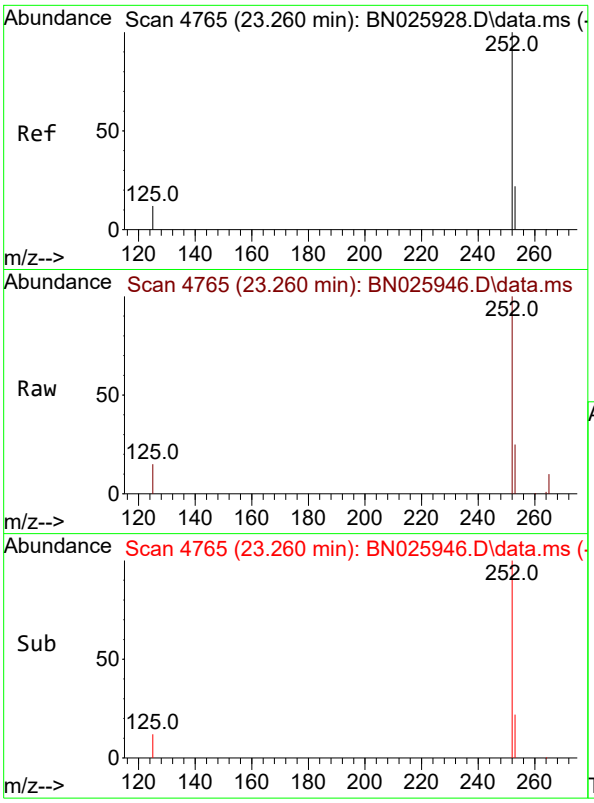


#22
Chrysene
Concen: 1.022 ng/ul
RT: 21.588 min Scan# 4193
Delta R.T. 0.004 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Tgt Ion:228 Resp: 92989

Ion	Ratio	Lower	Upper
228	100		
226	31.3	24.8	37.2
229	22.3	15.7	23.5



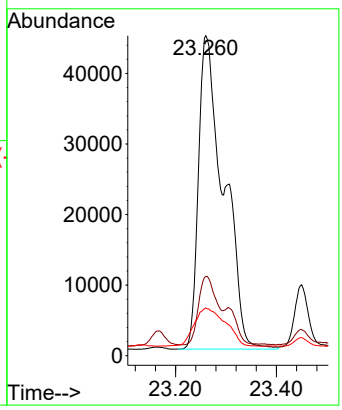


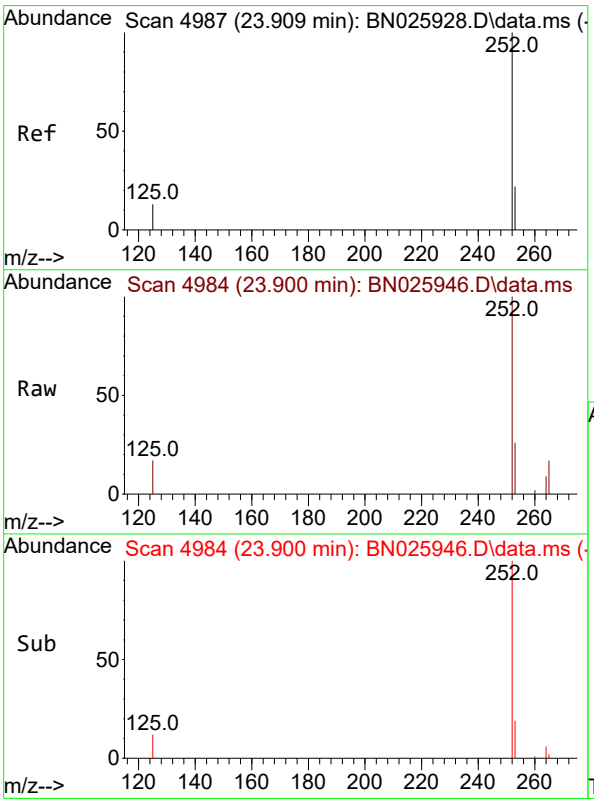
#24
Benzo(b)fluoranthene
Concen: 2.147 ng/ul
RT: 23.260 min Scan# 4
Delta R.T. 0.004 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Instrument :
BNA_N
ClientSampleId :
DCFK2DL

Tgt Ion:252 Resp: 154013

Ion	Ratio	Lower	Upper
252	100		
253	24.8	0.0	55.6
125	14.9	0.0	35.8

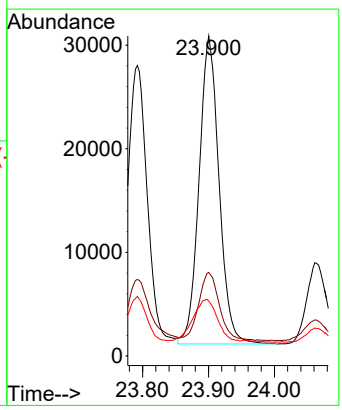


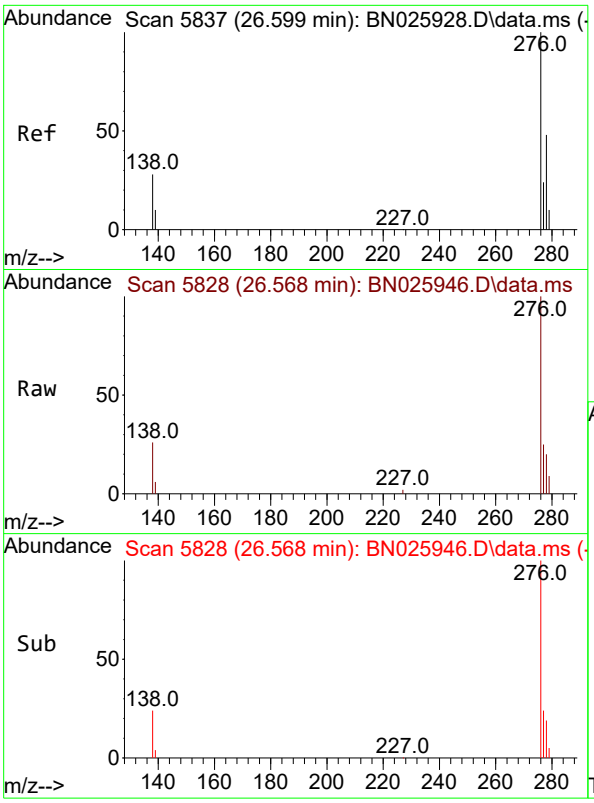


#26
Benzo(a)pyrene
Concen: 1.005 ng/ul
RT: 23.900 min Scan# 4984
Delta R.T. -0.008 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Tgt Ion:252 Resp: 62594

Ion	Ratio	Lower	Upper
252	100		
253	26.1	26.0	39.0
125	17.1	17.3	25.9#



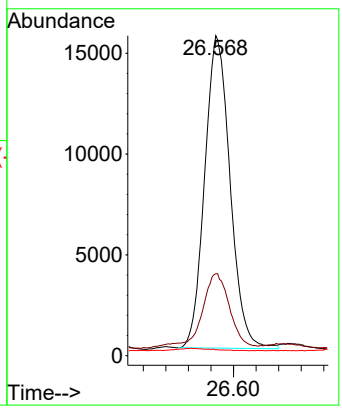


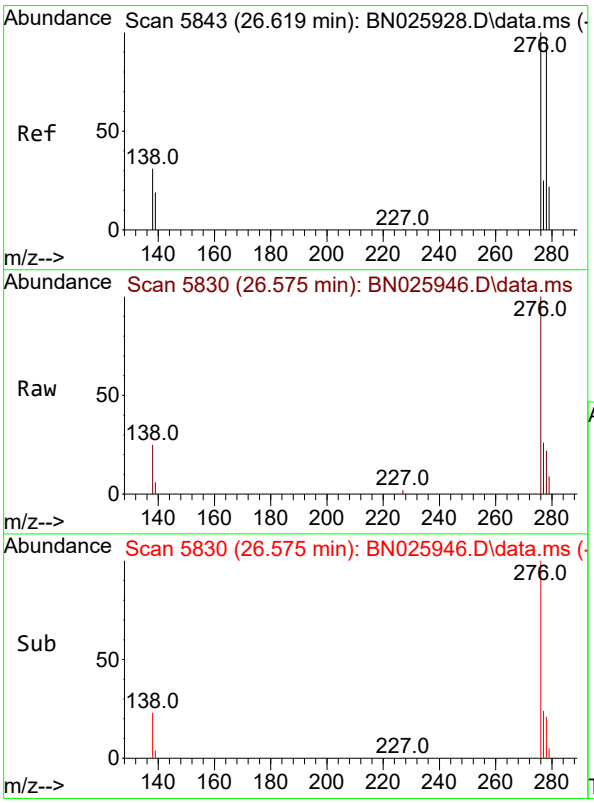
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.711 ng/ul
RT: 26.568 min Scan# 5
Delta R.T. -0.026 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Instrument :
BNA_N
ClientSampleId :
DCFK2DL

Tgt Ion:276 Resp: 48394

Ion	Ratio	Lower	Upper
276	100		
138	26.2	24.5	36.7
227	0.0	0.0	0.0

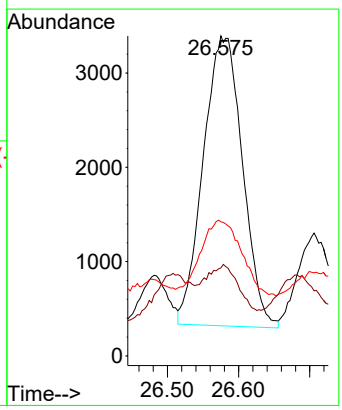


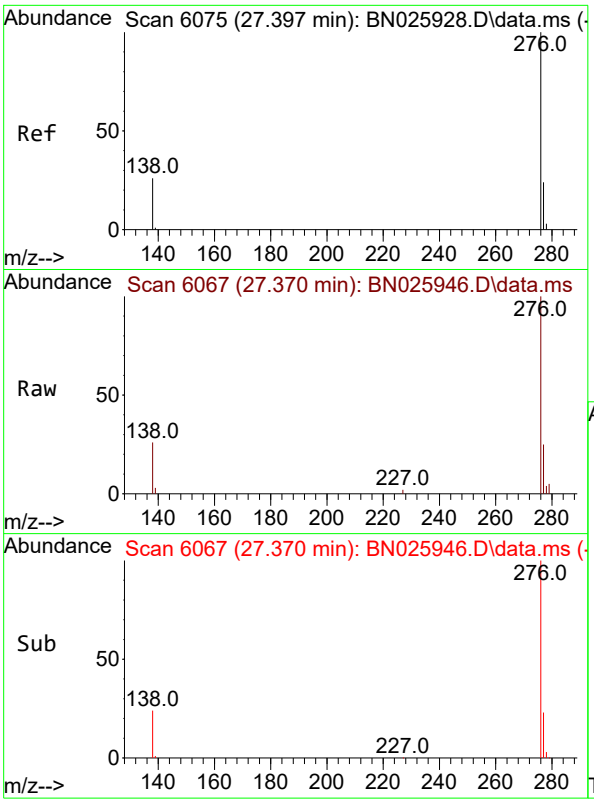


#28
Dibenzo(a,h)anthracene
Concen: 0.228 ng/ul
RT: 26.575 min Scan# 5830
Delta R.T. -0.046 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Tgt Ion:278 Resp: 11746

Ion	Ratio	Lower	Upper
278	100		
139	27.6	19.0	28.4
279	41.9	26.7	40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.779 ng/ul
RT: 27.370 min Scan# 6
Delta R.T. -0.016 min
Lab File: BN025946.D
Acq: 22 Jun 2023 20:23

Instrument :
BNA_N
ClientSampleId :
DCFK2DL

Tgt Ion:276 Resp: 47142

Ion	Ratio	Lower	Upper
276	100		
138	25.6	23.4	35.0
277	24.7	20.0	30.0