Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025950.D
Acq On : 22 Jun 2023 22:48
Operator : MA/JU
Sample : 03083-09DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFK7DL

Quant Time: Jun 23 01:05:26 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	8374	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	26562	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	15912	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.365	188	34120	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	21201	0.400	ng/ul	0.00
23) Perylene-d12	24.012	264	16869	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	4623	0.490	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.387	152	1420	0.035	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	3295	0.041	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.842	128	4473	0.059	ng/ul#	94
7) 2-Methylnaphthalene	12.458	142	3244	0.067	ng/ul	98
8) 1-Methylnaphthalene	12.673	142	2808	0.056	ng/ul	99
10) Acenaphthylene	14.340	152	6259	0.084	ng/ul	94
15) Phenanthrene	17.403	178	35102	0.311	ng/ul	99
16) Anthracene	17.496	178	4629	0.046	ng/ul#	91
19) Fluoranthene	19.415	202	83465	0.737	ng/ul	100
20) Pyrene	19.778	202	69164	0.587	ng/ul	99
21) Benzo(a)anthracene	21.530	228	32660	0.373	ng/ul	96
22) Chrysene	21.582	228	39721	0.436	ng/ul	96
24) Benzo(b)fluoranthene	23.257	252	61618	0.856	ng/ul	96
26) Benzo(a)pyrene	23.909	252	26573	0.425	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.595	276	21958	0.321	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.609	278	5946	0.115	ng/ul#	66
29) Benzo(g,h,i)perylene	27.394	276	26041	0.429	ng/ul	99

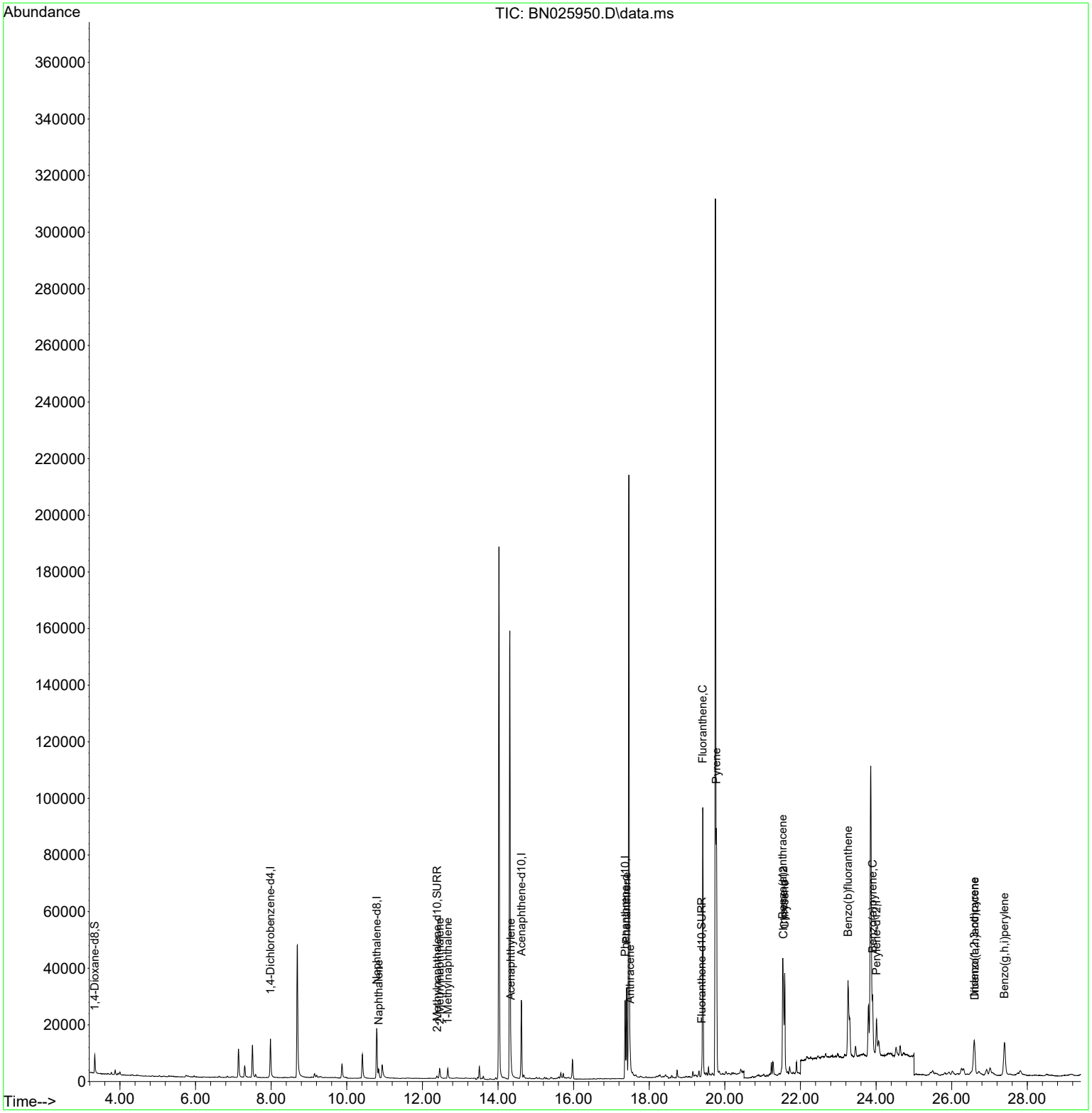
(#) = qualifier out of range (m) = manual integration (+) = signals summed

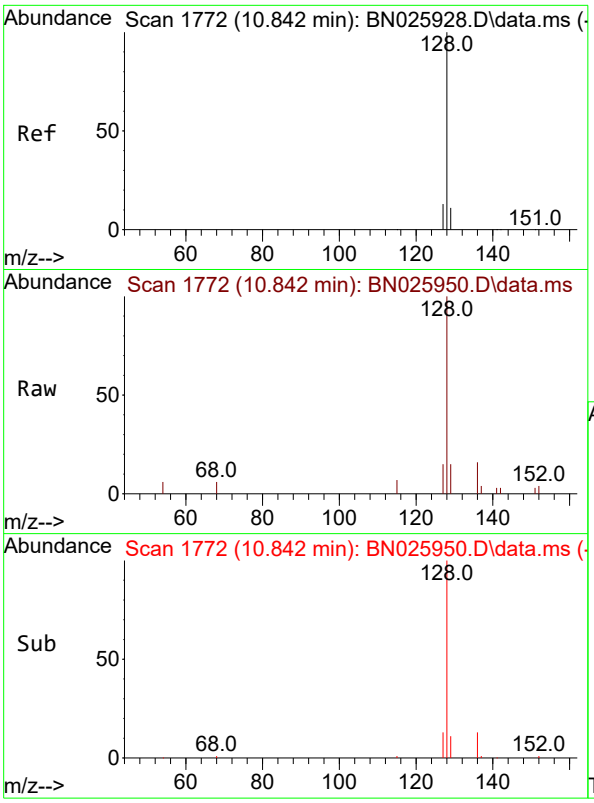
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025950.D
Acq On : 22 Jun 2023 22:48
Operator : MA/JU
Sample : 03083-09DL 5X
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFK7DL

Quant Time: Jun 23 01:05:26 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



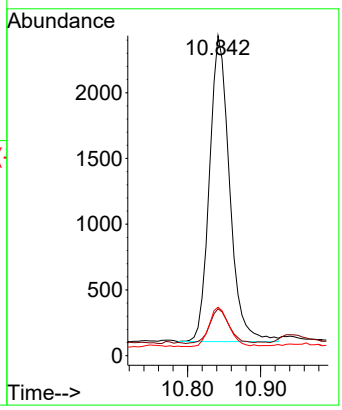


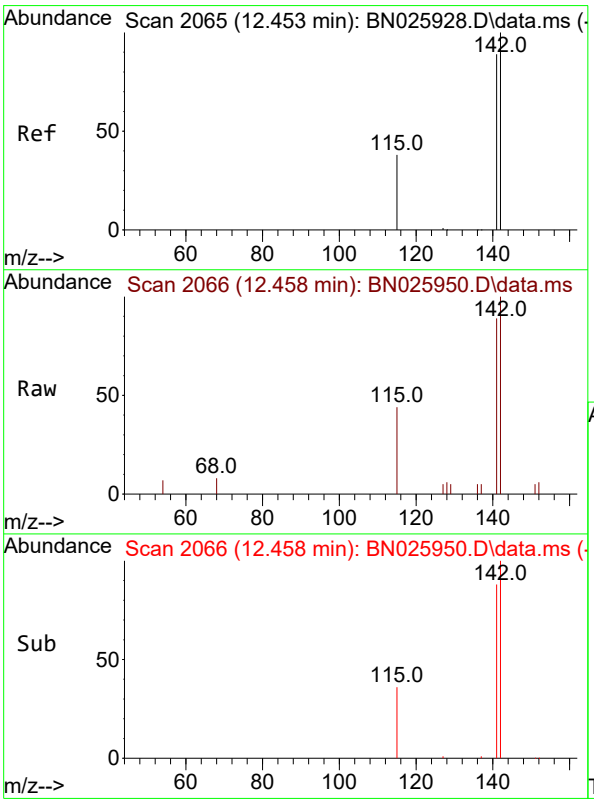
#5
Naphthalene
Concen: 0.059 ng/ul
RT: 10.842 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Instrument :
BNA_N
ClientSampleId :
DCFK7DL

Tgt Ion:128 Resp: 4473

Ion	Ratio	Lower	Upper
128	100		
129	14.7	9.1	13.7#
127	15.2	10.7	16.1

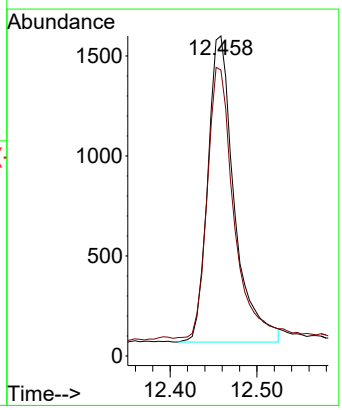


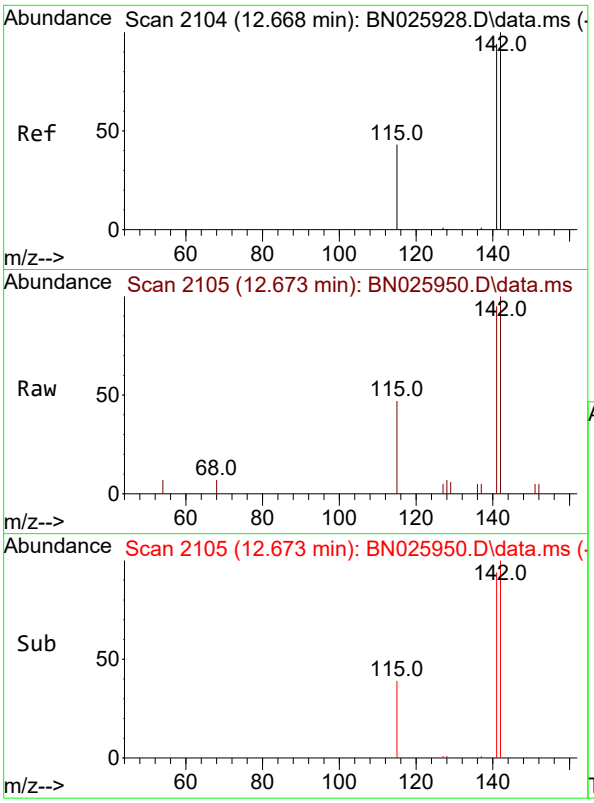


#7
2-Methylnaphthalene
Concen: 0.067 ng/ul
RT: 12.458 min Scan# 2066
Delta R.T. 0.005 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Tgt Ion:142 Resp: 3244

Ion	Ratio	Lower	Upper
142	100		
141	88.0	71.9	107.9



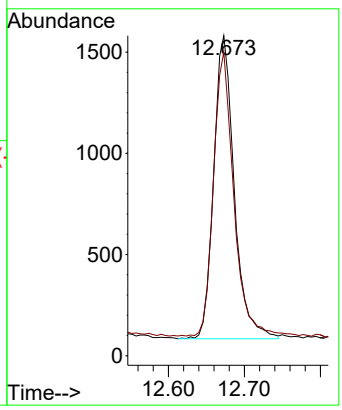


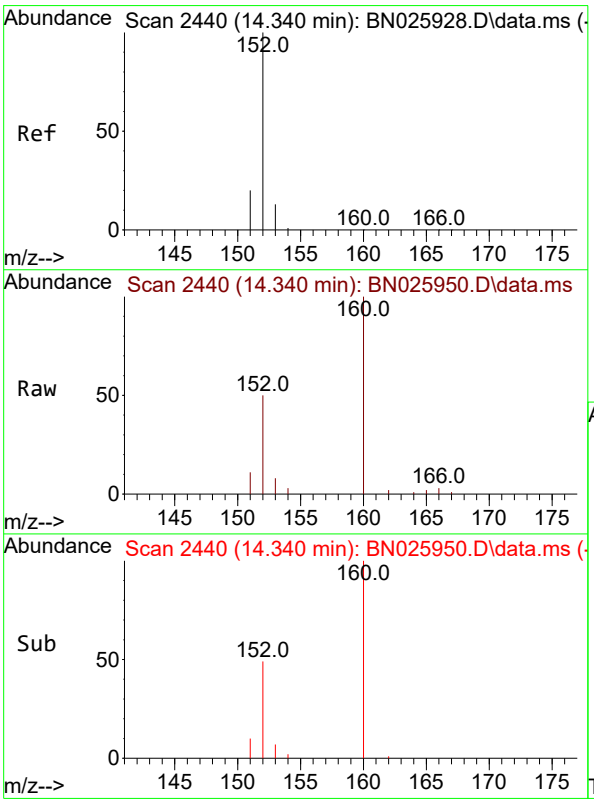
#8
1-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.673 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Instrument :
BNA_N
ClientSampleId :
DCFK7DL

Tgt Ion:142 Resp: 2808

Ion	Ratio	Lower	Upper
142	100		
141	91.5	74.2	111.4

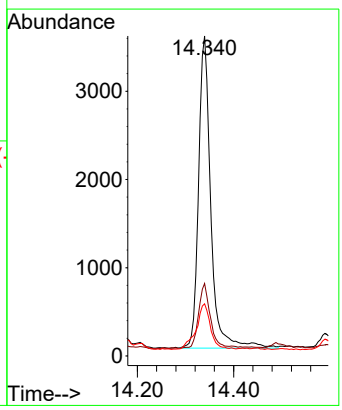


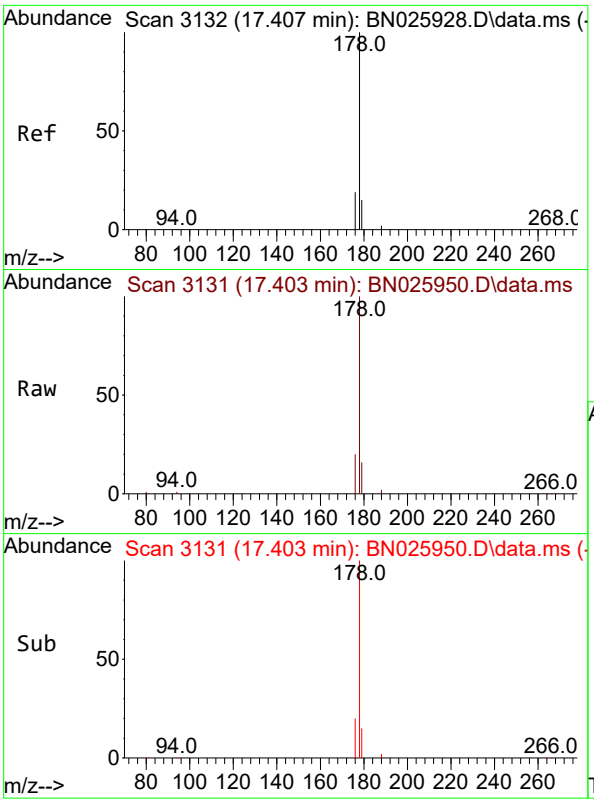


#10
Acenaphthylene
Concen: 0.084 ng/ul
RT: 14.340 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Tgt Ion:152 Resp: 6259

Ion	Ratio	Lower	Upper
152	100		
151	22.6	16.2	24.4
153	16.3	10.9	16.3



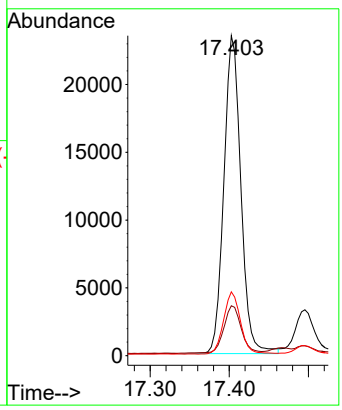


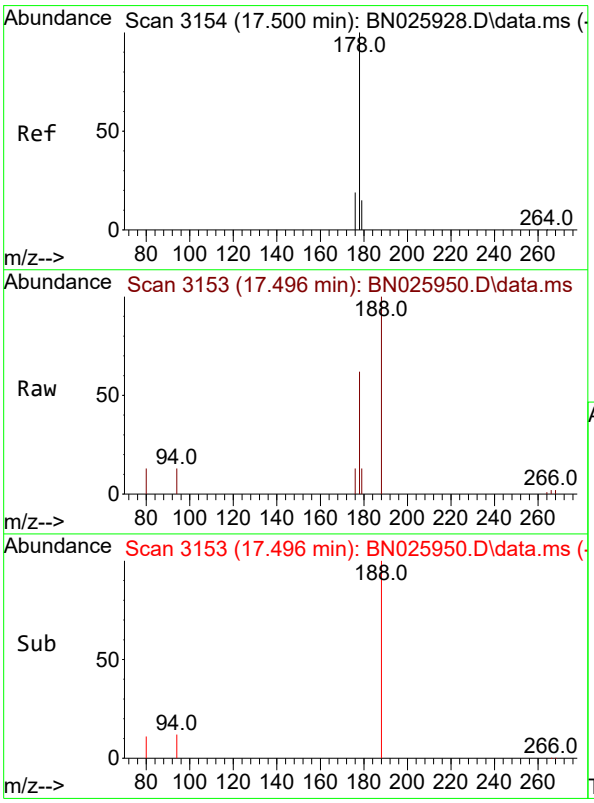
#15
Phenanthrene
Concen: 0.311 ng/ul
RT: 17.403 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Instrument :
BNA_N
ClientSampleId :
DCFK7DL

Tgt Ion:178 Resp: 35102

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	19.0
176	20.0	15.8	23.6

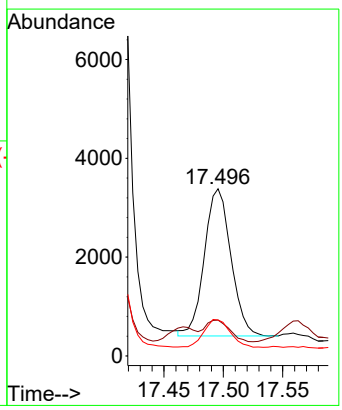


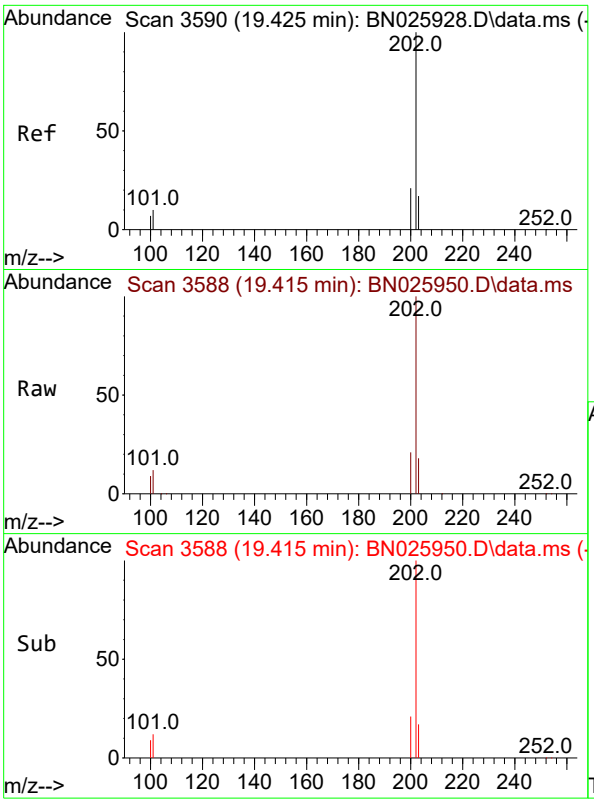


#16
Anthracene
Concen: 0.046 ng/ul
RT: 17.496 min Scan# 3153
Delta R.T. -0.003 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Tgt Ion:178 Resp: 4629

Ion	Ratio	Lower	Upper
178	100		
179	21.5	12.6	18.8#
176	21.5	15.1	22.7



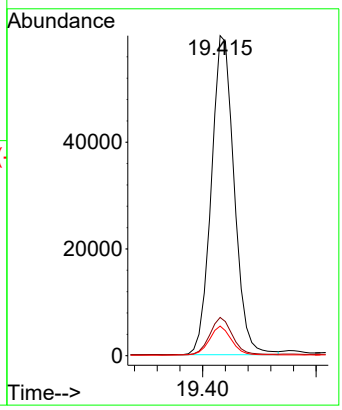


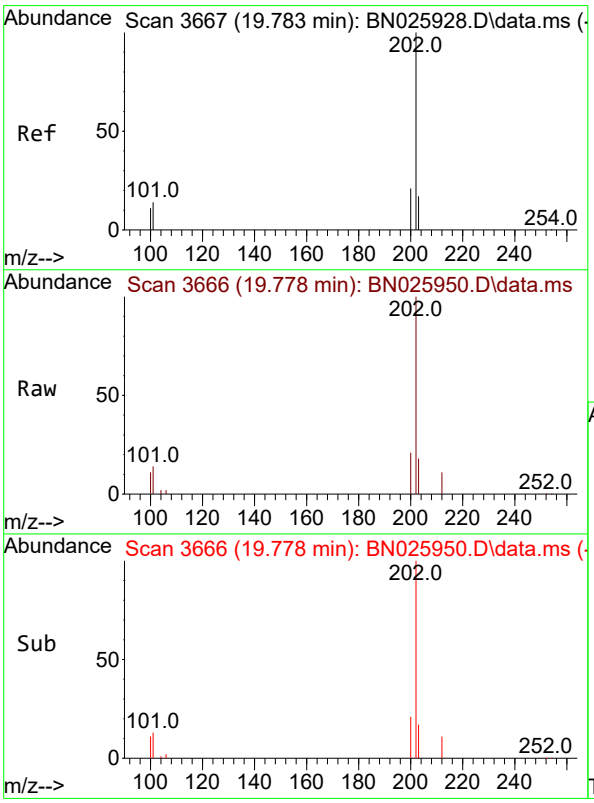
#19
Fluoranthene
Concen: 0.737 ng/ul
RT: 19.415 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Instrument :
BNA_N
ClientSampleId :
DCFK7DL

Tgt Ion:202 Resp: 83465

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.5	14.3
100	9.3	7.3	10.9

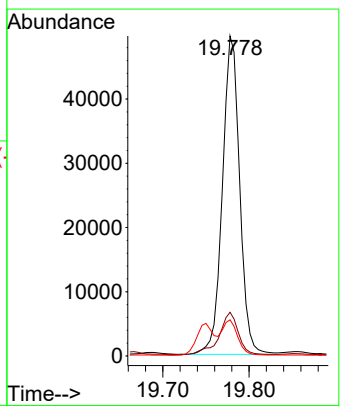


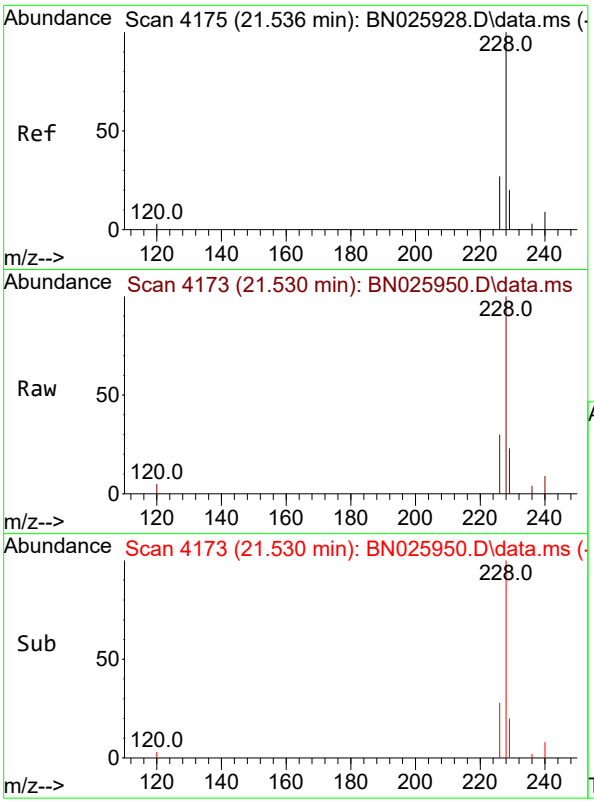


#20
Pyrene
Concen: 0.587 ng/ul
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Tgt Ion:202 Resp: 69164

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.4	17.0
100	11.3	9.1	13.7



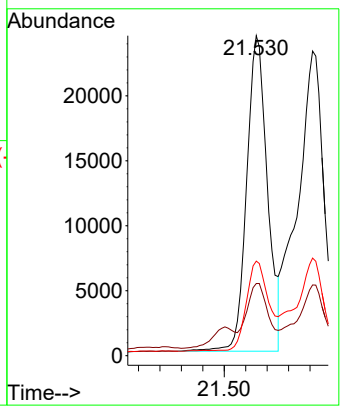


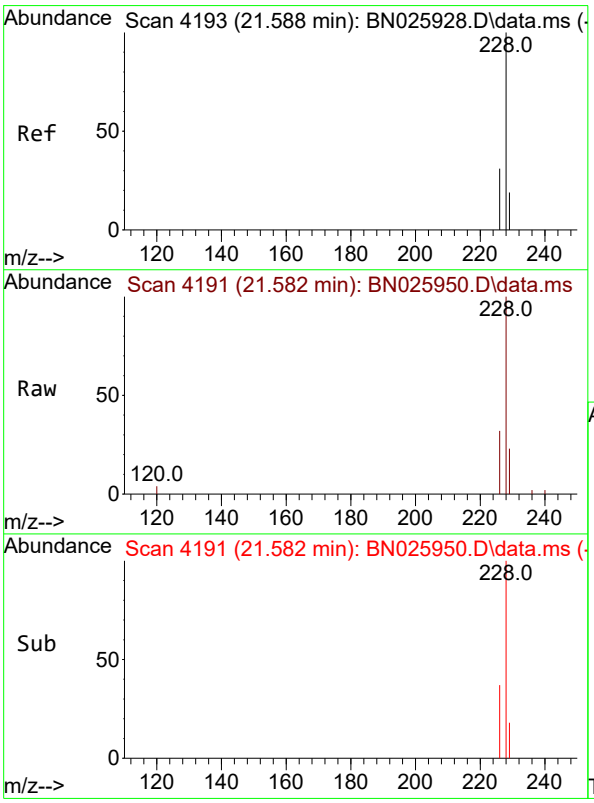
#21
Benzo(a)anthracene
Concen: 0.373 ng/ul
RT: 21.530 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Instrument :
BNA_N
ClientSampleId :
DCFK7DL

Tgt Ion:228 Resp: 32660

Ion	Ratio	Lower	Upper
228	100		
229	22.6	15.8	23.6
226	29.5	22.5	33.7

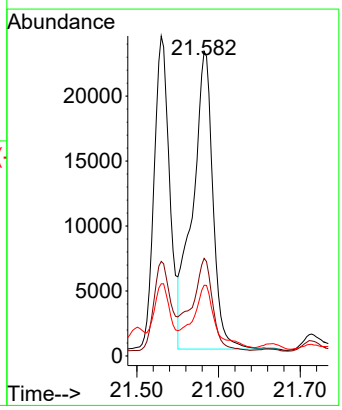


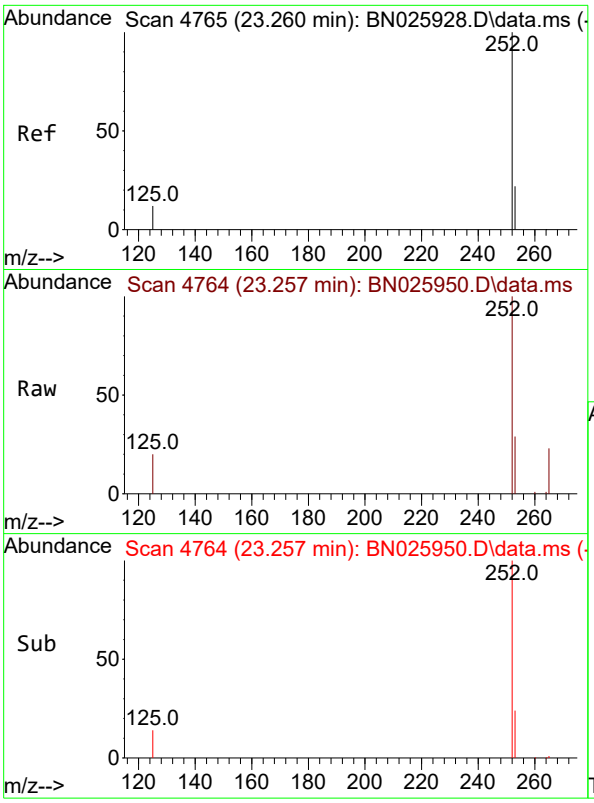


#22
Chrysene
Concen: 0.436 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. -0.002 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Tgt Ion:228 Resp: 39721

Ion	Ratio	Lower	Upper
228	100		
226	32.0	24.8	37.2
229	23.2	15.7	23.5



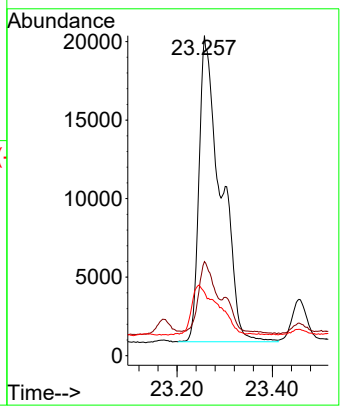


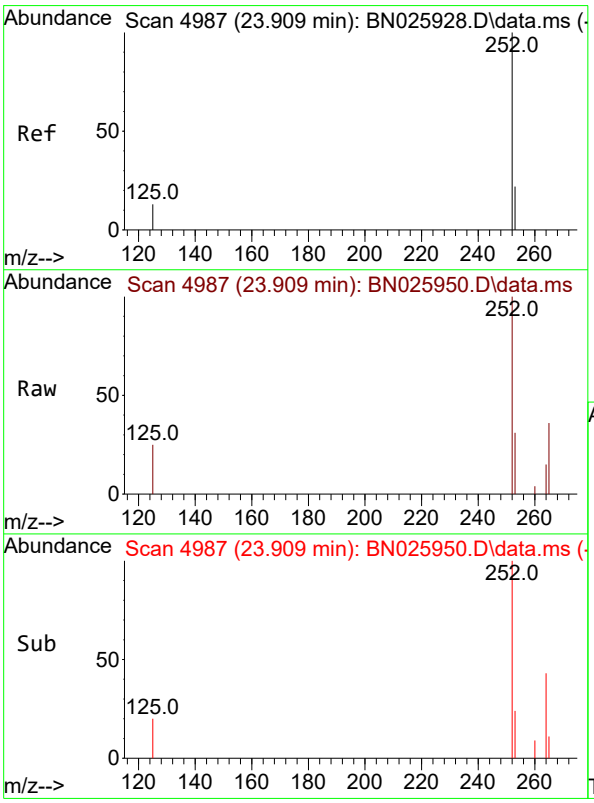
#24
Benzo(b)fluoranthene
Concen: 0.856 ng/ul
RT: 23.257 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Instrument :
BNA_N
ClientSampleId :
DCFK7DL

Tgt Ion:252 Resp: 61618

Ion	Ratio	Lower	Upper
252	100		
253	29.4	0.0	55.6
125	19.8	0.0	35.8

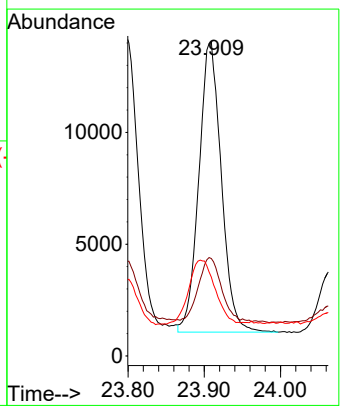


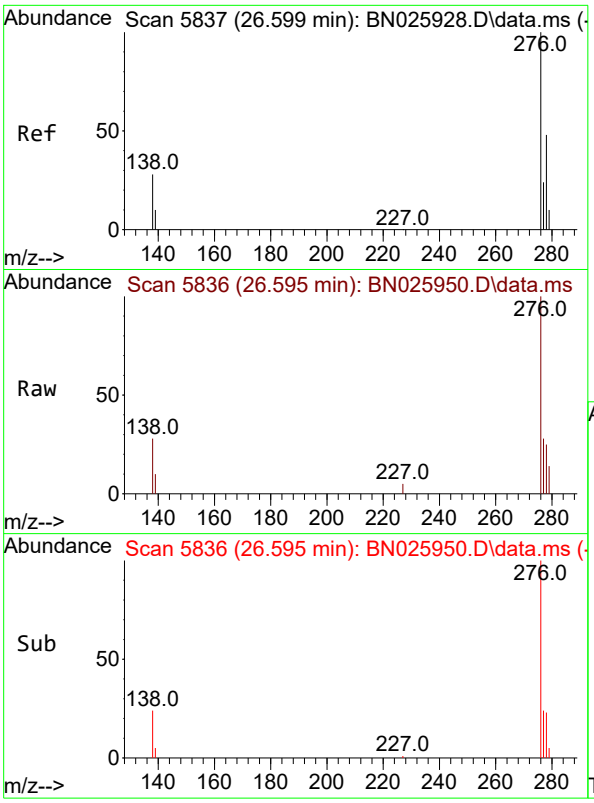


#26
Benzo(a)pyrene
Concen: 0.425 ng/ul
RT: 23.909 min Scan# 4987
Delta R.T. 0.001 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Tgt Ion:252 Resp: 26573

Ion	Ratio	Lower	Upper
252	100		
253	31.0	26.0	39.0
125	25.1	17.3	25.9



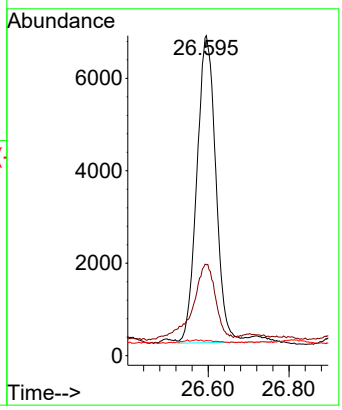


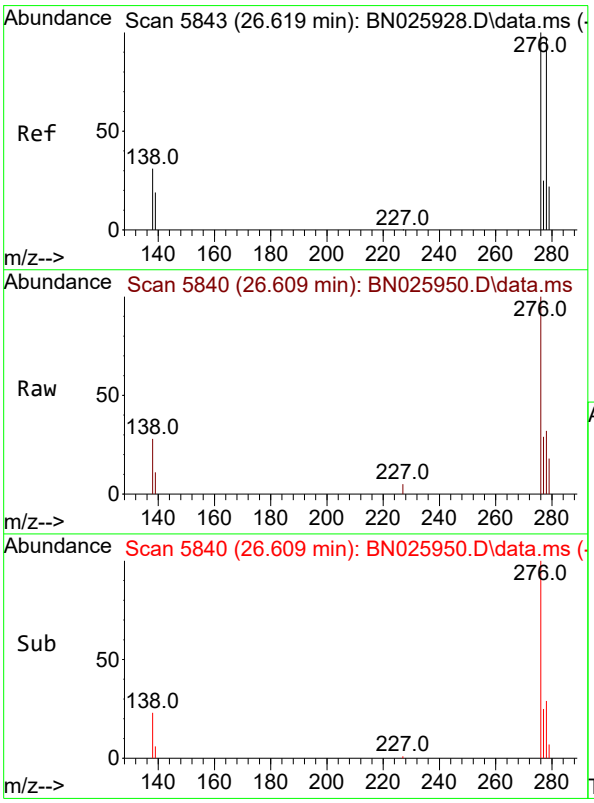
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.321 ng/ul
RT: 26.595 min Scan# 5
Delta R.T. 0.001 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Instrument :
BNA_N
ClientSampleId :
DCFK7DL

Tgt Ion:276 Resp: 21958

Ion	Ratio	Lower	Upper
276	100		
138	30.3	24.5	36.7
227	0.0	0.0	0.0

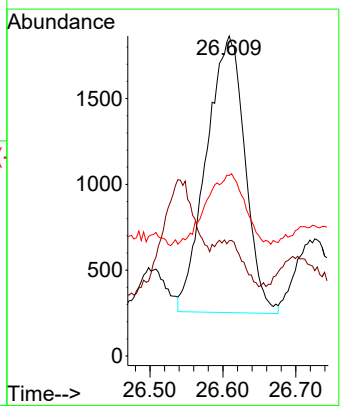


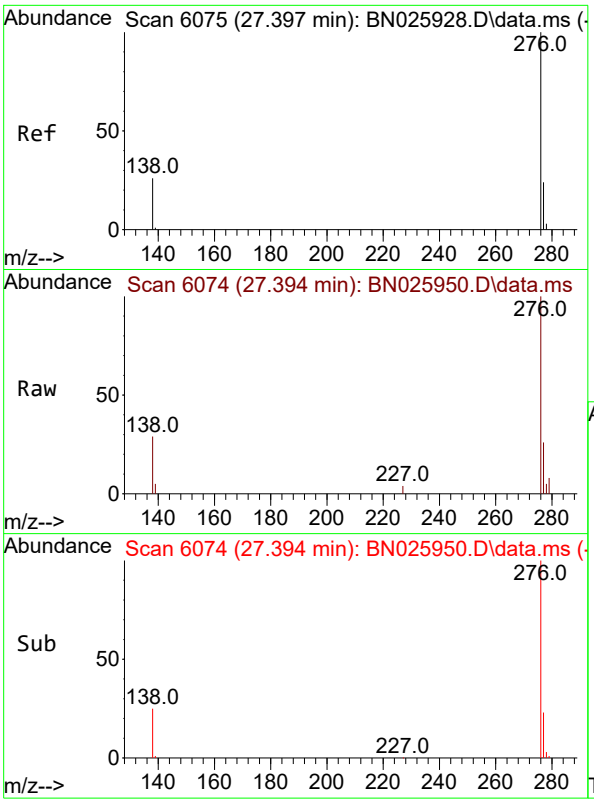


#28
Dibenzo(a,h)anthracene
Concen: 0.115 ng/ul
RT: 26.609 min Scan# 5840
Delta R.T. -0.013 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Tgt Ion:278 Resp: 5946

Ion	Ratio	Lower	Upper
278	100		
139	36.0	19.0	28.4#
279	56.4	26.7	40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.429 ng/ul
RT: 27.394 min Scan# 6
Delta R.T. 0.008 min
Lab File: BN025950.D
Acq: 22 Jun 2023 22:48

Instrument :
BNA_N
ClientSampleId :
DCFK7DL

Tgt Ion:276 Resp: 26041

Ion	Ratio	Lower	Upper
276	100		
138	28.5	23.4	35.0
277	25.9	20.0	30.0