Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025947.D
Acq On : 22 Jun 2023 20:59
Operator : MA/JU
Sample : 03083-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFK4DL

Quant Time: Jun 23 01:04:56 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	8825	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	27521	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.616	164	16381	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.364	188	35269	0.400	ng/ul	0.00
17) Chrysene-d12	21.541	240	23680	0.400	ng/ul	0.00
23) Perylene-d12	23.999	264	18422	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.335	96	5202	0.523	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	1506	0.036	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	3635	0.040	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.842	128	7523	0.095	ng/ul	96
7) 2-Methylnaphthalene	12.453	142	3567	0.071	ng/ul	99
8) 1-Methylnaphthalene	12.673	142	2603	0.050	ng/ul	99
10) Acenaphthylene	14.339	152	26589	0.347	ng/ul	100
15) Phenanthrene	17.406	178	36028	0.309	ng/ul	100
16) Anthracene	17.495	178	11316	0.109	ng/ul	95
19) Fluoranthene	19.419	202	165041	1.305	ng/ul	97
20) Pyrene	19.777	202	157010	1.194	ng/ul	99
21) Benzo(a)anthracene	21.523	228	85101	0.871	ng/ul	95
22) Chrysene	21.576	228	96118	0.946	ng/ul	97
24) Benzo(b)fluoranthene	23.245	252	182156	2.317	ng/ul	93
26) Benzo(a)pyrene	23.885	252	72993	1.069	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.557	276	55206	0.740	ng/ul#	90
28) Dibenzo(a,h)anthracene	26.561	278	13605	0.241	ng/ul	92
29) Benzo(g,h,i)perylene	27.346	276	52336	0.789	ng/ul	98

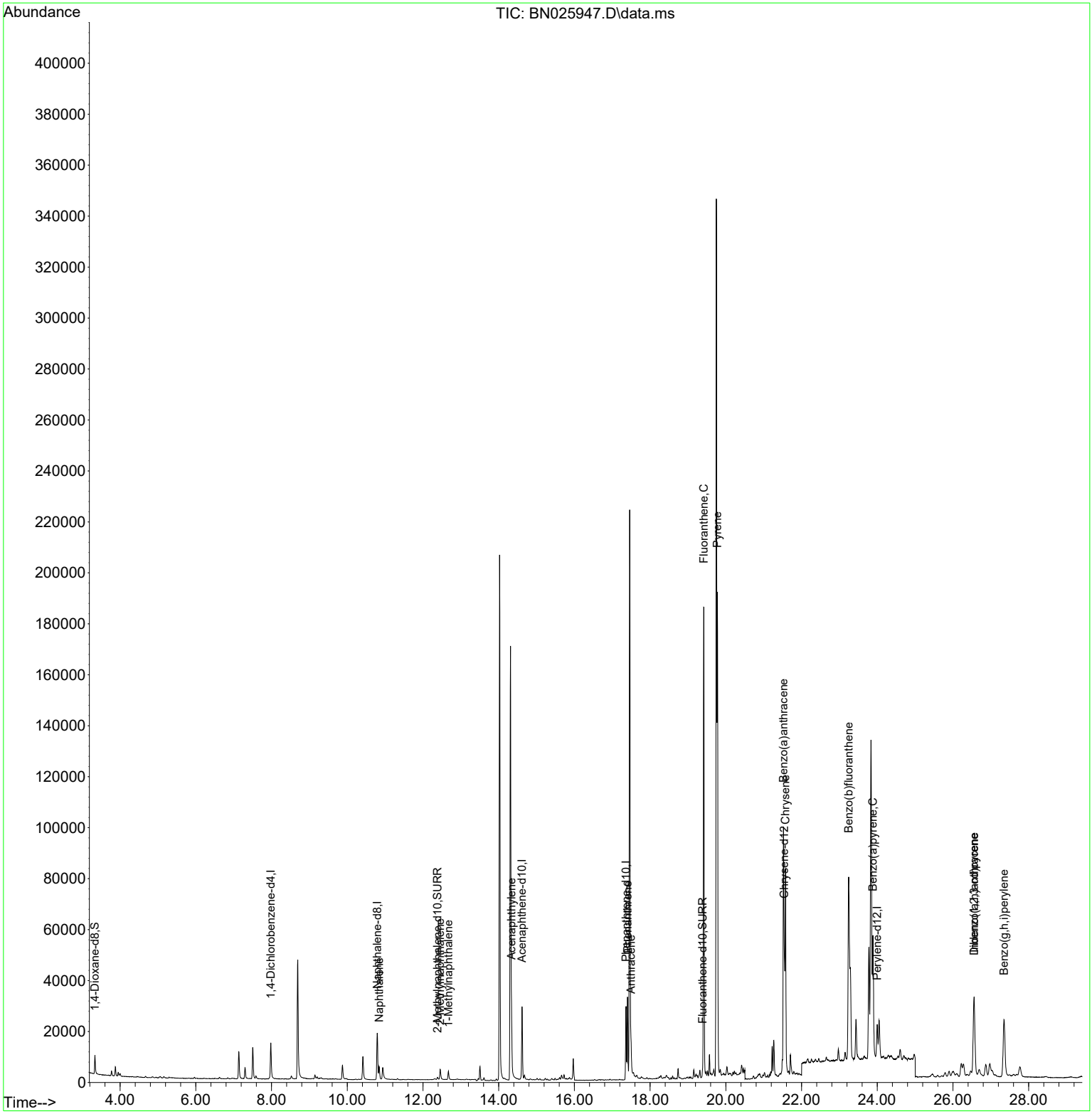
(#) = qualifier out of range (m) = manual integration (+) = signals summed

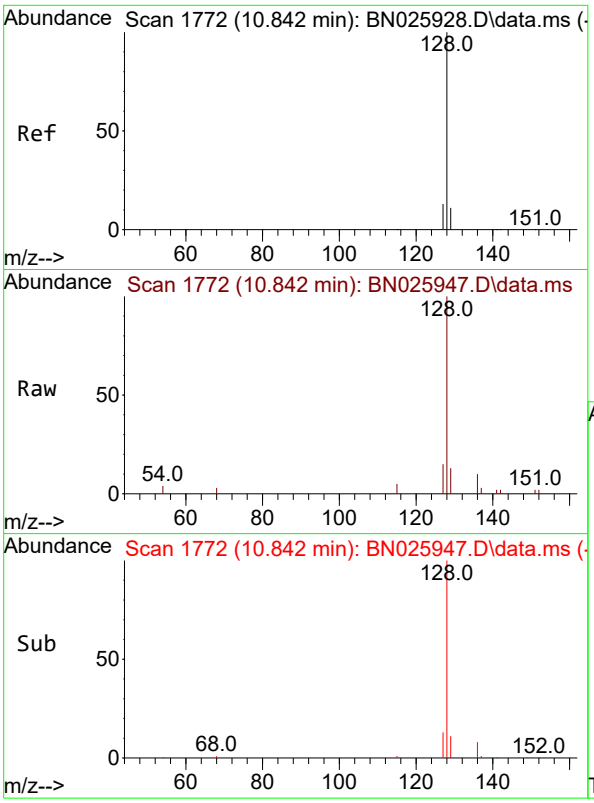
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062223\
Data File : BN025947.D
Acq On : 22 Jun 2023 20:59
Operator : MA/JU
Sample : 03083-06DL 5X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFK4DL

Quant Time: Jun 23 01:04:56 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



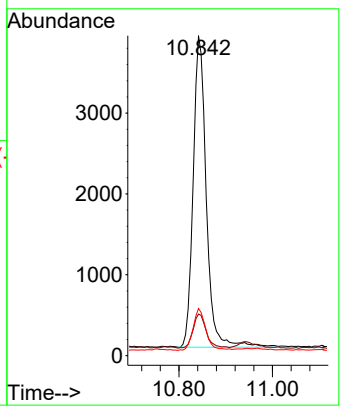


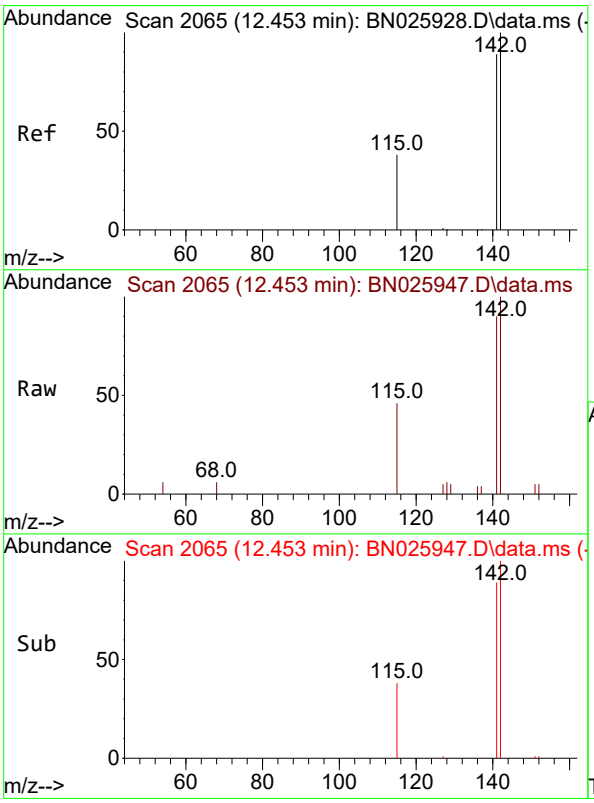
#5
Naphthalene
Concen: 0.095 ng/ul
RT: 10.842 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Instrument :
BNA_N
ClientSampleId :
DCFK4DL

Tgt Ion:128 Resp: 7523

Ion	Ratio	Lower	Upper
128	100		
129	13.0	9.1	13.7
127	14.8	10.7	16.1

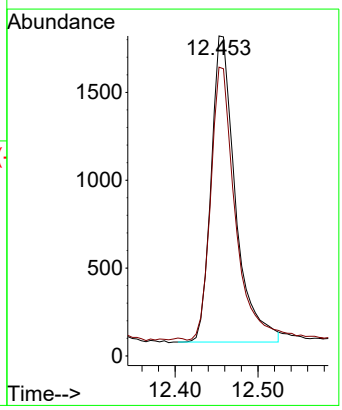


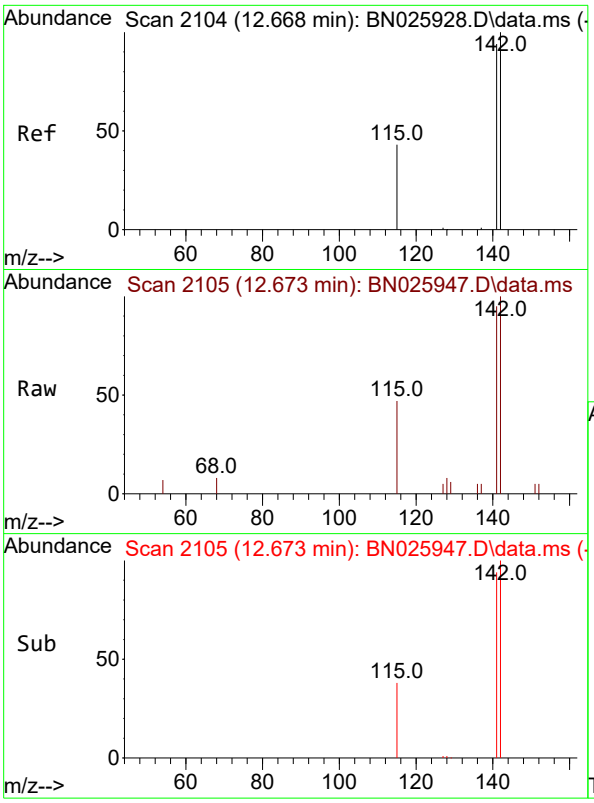


#7
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.453 min Scan# 2065
Delta R.T. -0.000 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Tgt Ion:142 Resp: 3567

Ion	Ratio	Lower	Upper
142	100		
141	89.1	71.9	107.9



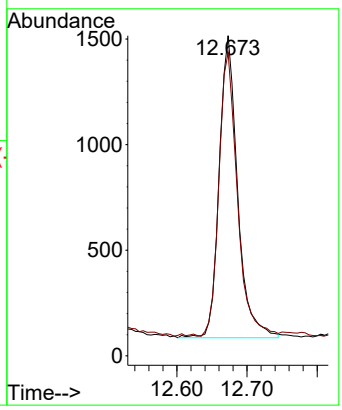


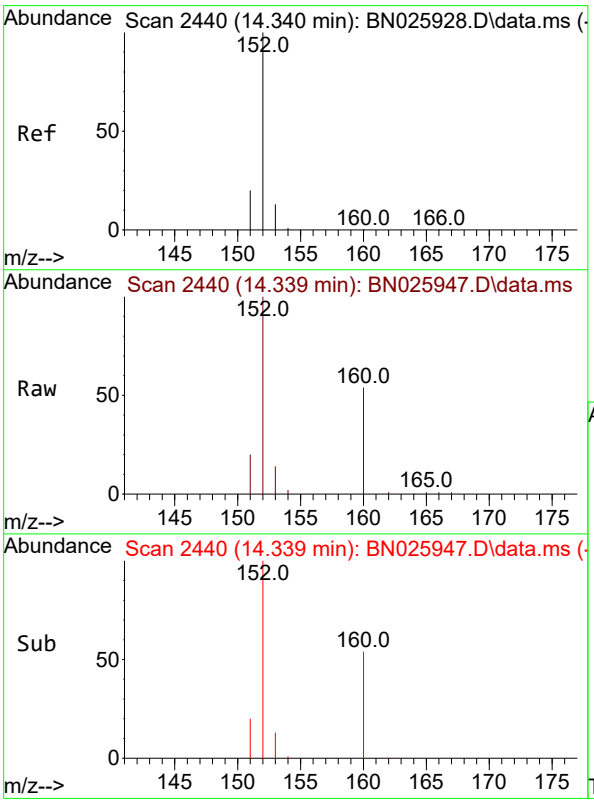
#8
1-Methylnaphthalene
Concen: 0.050 ng/ul
RT: 12.673 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Instrument :
BNA_N
ClientSampleId :
DCFK4DL

Tgt Ion:142 Resp: 2603

Ion	Ratio	Lower	Upper
142	100		
141	94.0	74.2	111.4

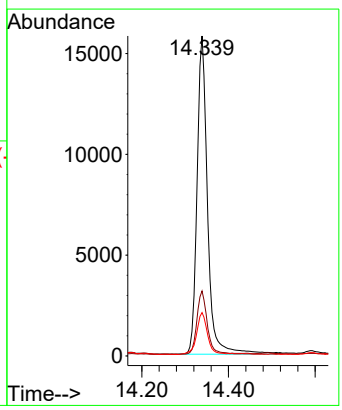


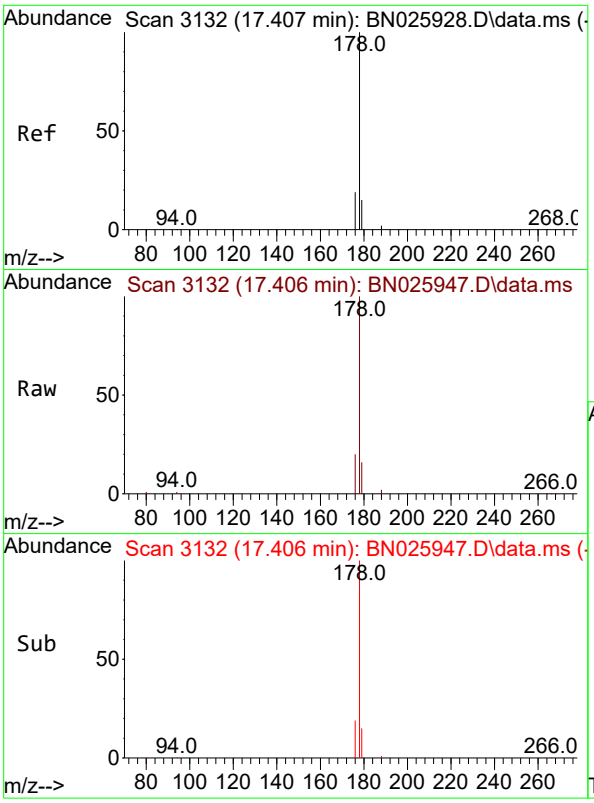


#10
Acenaphthylene
Concen: 0.347 ng/ul
RT: 14.339 min Scan# 2440
Delta R.T. -0.005 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Tgt Ion:152 Resp: 26589

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.4
153	13.6	10.9	16.3



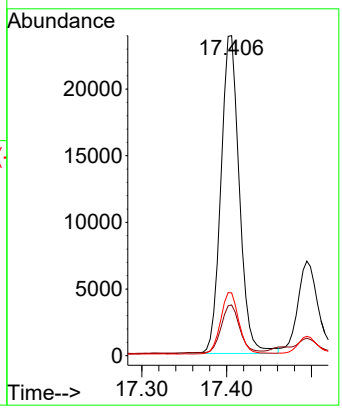


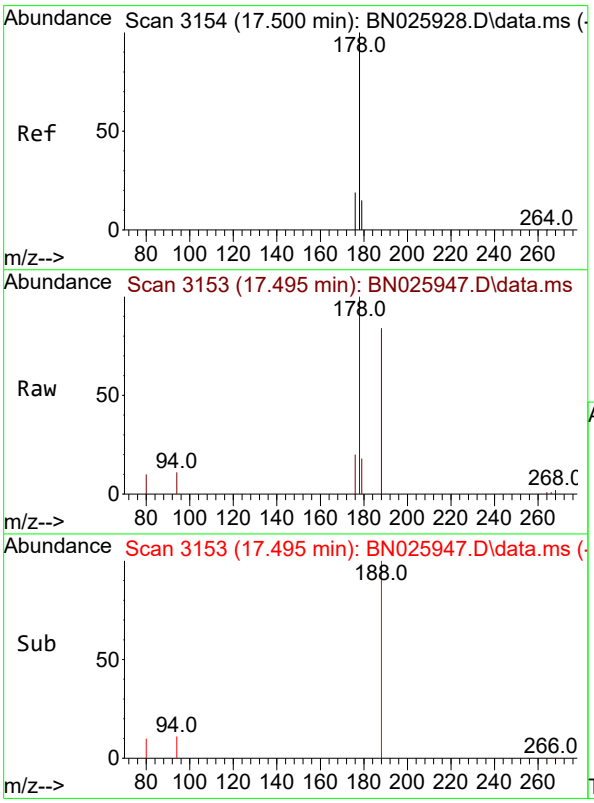
#15
Phenanthrene
Concen: 0.309 ng/ul
RT: 17.406 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Instrument :
BNA_N
ClientSampleId :
DCFK4DL

Tgt Ion:178 Resp: 36028

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

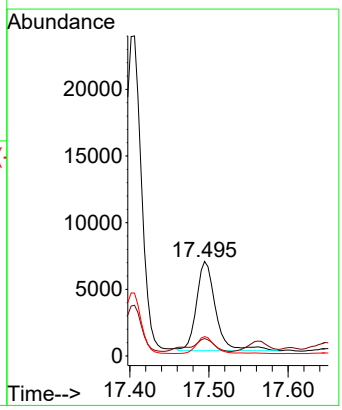


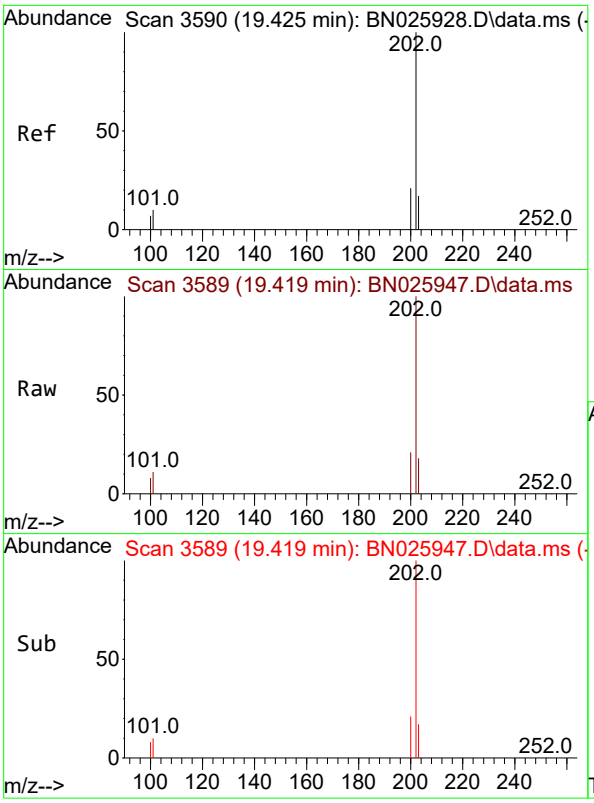


#16
Anthracene
Concen: 0.109 ng/ul
RT: 17.495 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Tgt Ion:178 Resp: 11316

Ion	Ratio	Lower	Upper
178	100		
179	18.5	12.6	18.8
176	20.4	15.1	22.7



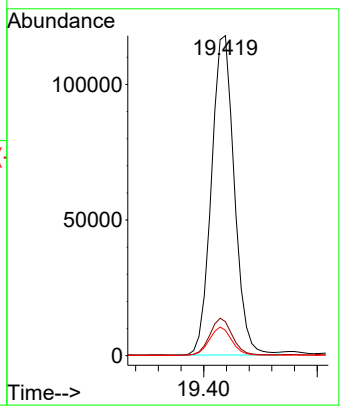


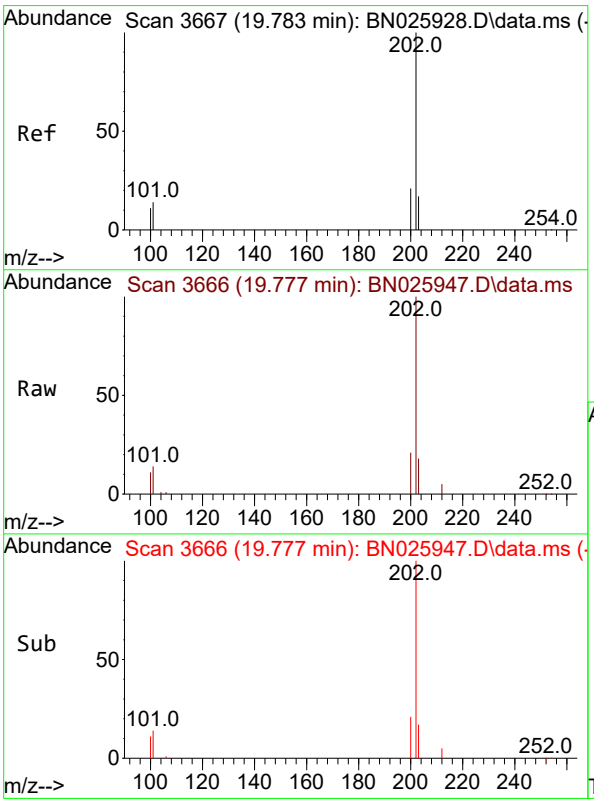
#19
Fluoranthene
Concen: 1.305 ng/ul
RT: 19.419 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Instrument :
BNA_N
ClientSampleId :
DCFK4DL

Tgt Ion:202 Resp: 165041

Ion	Ratio	Lower	Upper
202	100		
101	10.7	9.5	14.3
100	8.0	7.3	10.9

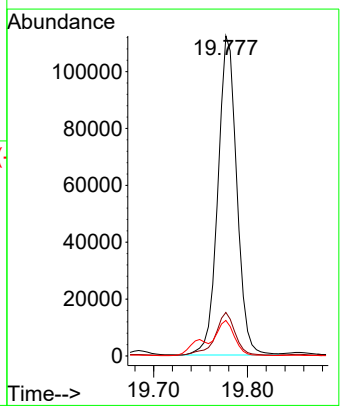


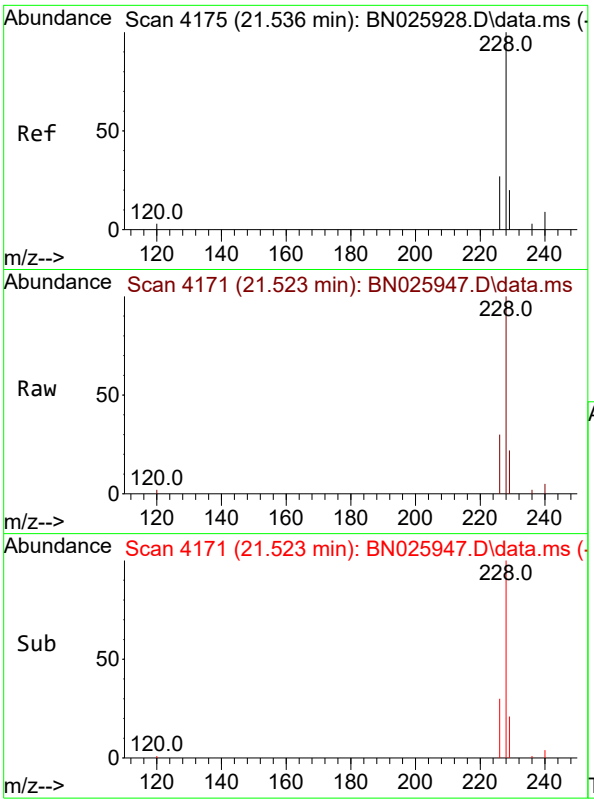


#20
Pyrene
Concen: 1.194 ng/ul
RT: 19.777 min Scan# 3666
Delta R.T. -0.005 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Tgt Ion:202 Resp: 157010

Ion	Ratio	Lower	Upper
202	100		
101	13.6	11.4	17.0
100	11.1	9.1	13.7



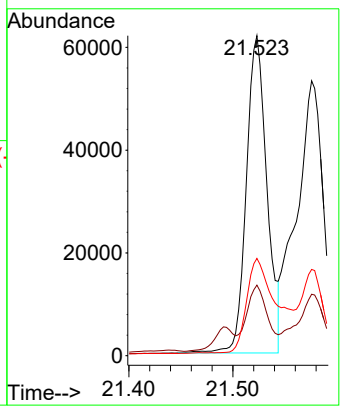


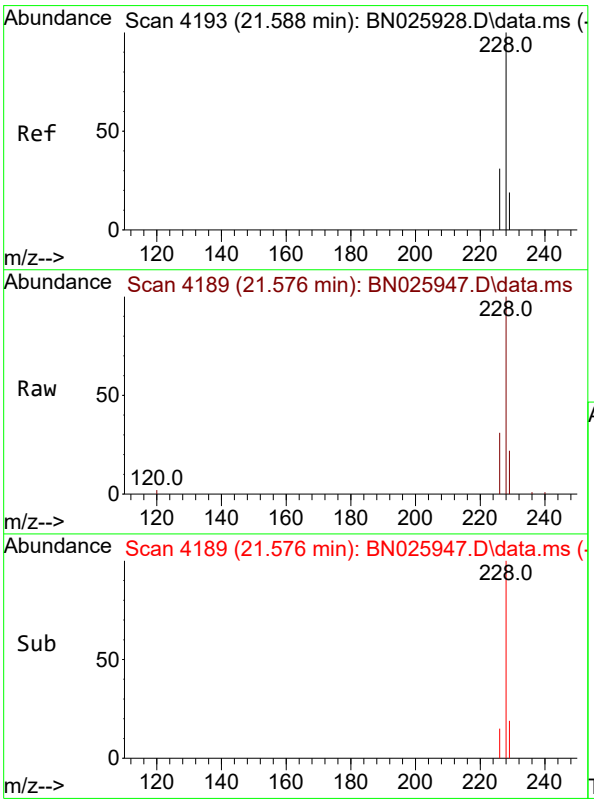
#21
Benzo(a)anthracene
Concen: 0.871 ng/ul
RT: 21.523 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Instrument :
BNA_N
ClientSampleId :
DCFK4DL

Tgt Ion:228 Resp: 85101

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.8	23.6
226	30.4	22.5	33.7

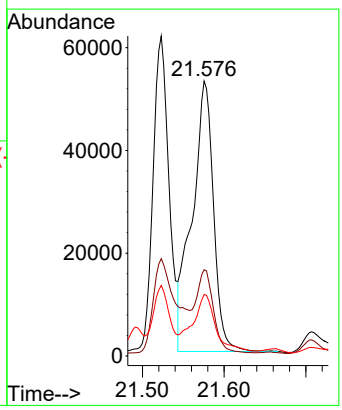


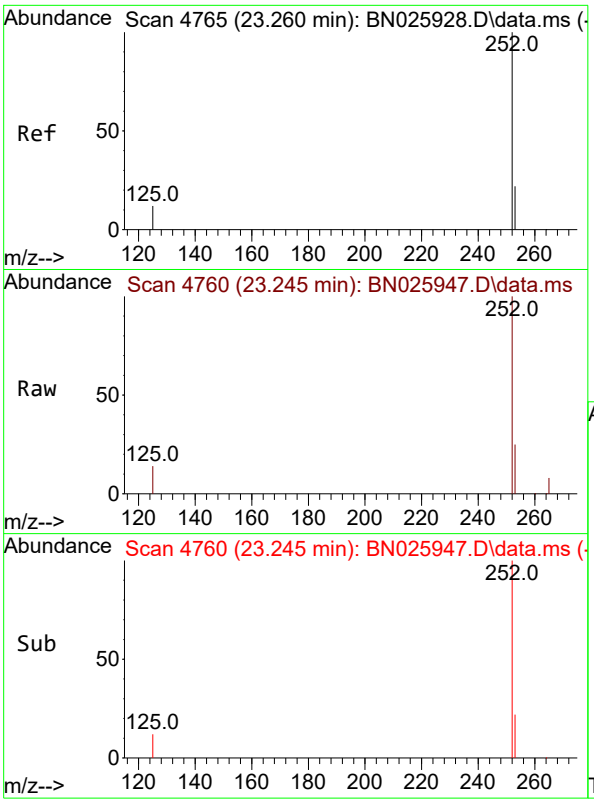


#22
Chrysene
Concen: 0.946 ng/ul
RT: 21.576 min Scan# 4189
Delta R.T. -0.009 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Tgt Ion:228 Resp: 96118

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.8	37.2
229	22.3	15.7	23.5



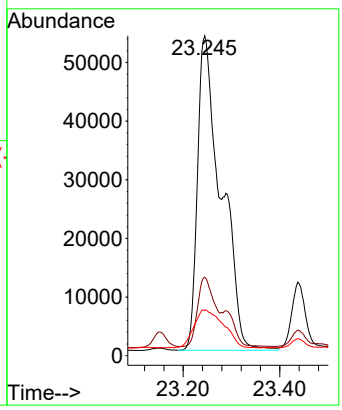


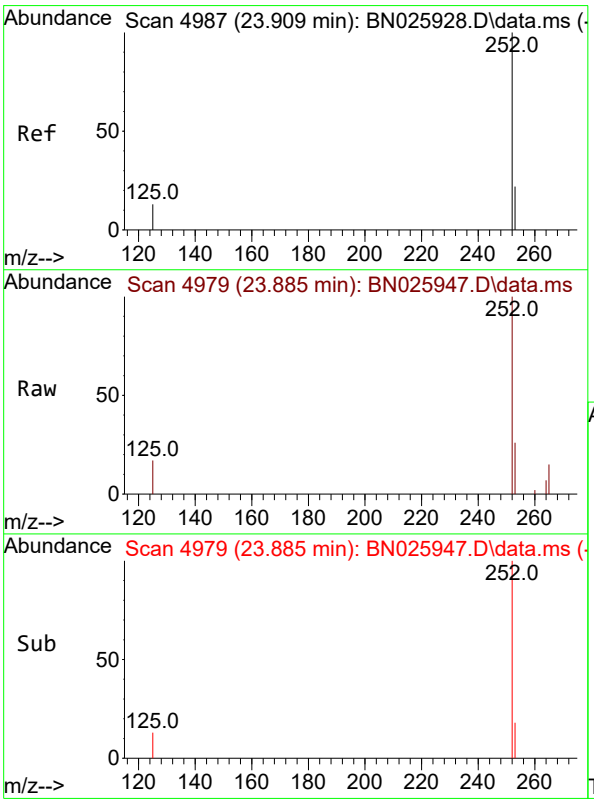
#24
Benzo(b)fluoranthene
Concen: 2.317 ng/ul
RT: 23.245 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Instrument :
BNA_N
ClientSampleId :
DCFK4DL

Tgt Ion:252 Resp: 182156

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	55.6
125	14.1	0.0	35.8

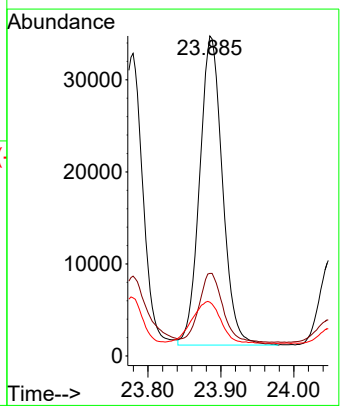


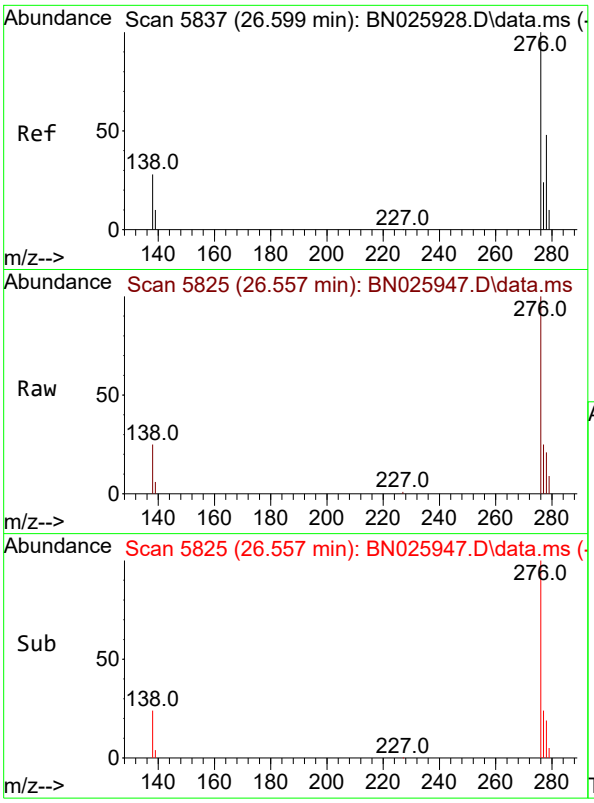


#26
Benzo(a)pyrene
Concen: 1.069 ng/ul
RT: 23.885 min Scan# 4979
Delta R.T. -0.024 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Tgt Ion:252 Resp: 72993

Ion	Ratio	Lower	Upper
252	100		
253	25.8	26.0	39.0#
125	16.8	17.3	25.9#



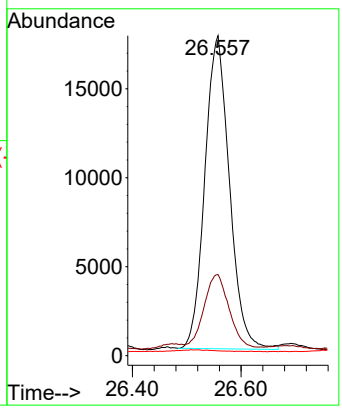


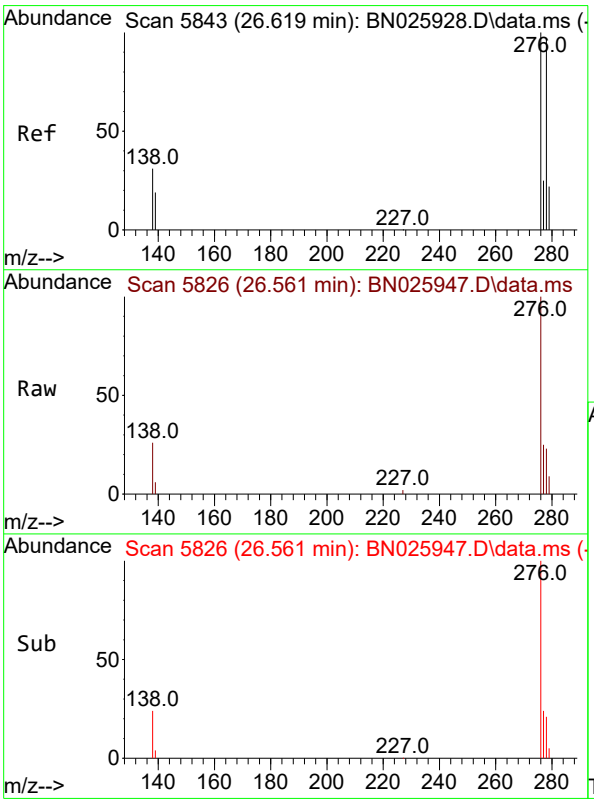
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.740 ng/ul
RT: 26.557 min Scan# 5
Delta R.T. -0.037 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Instrument :
BNA_N
ClientSampleId :
DCFK4DL

Tgt Ion:276 Resp: 55206

Ion	Ratio	Lower	Upper
276	100		
138	25.0	24.5	36.7
227	0.0	0.0	0.0

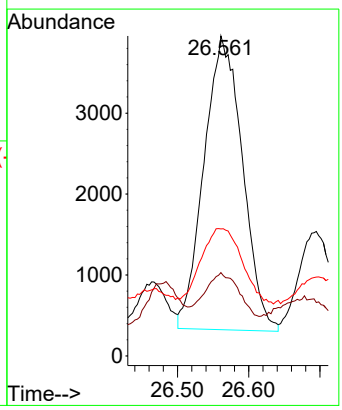


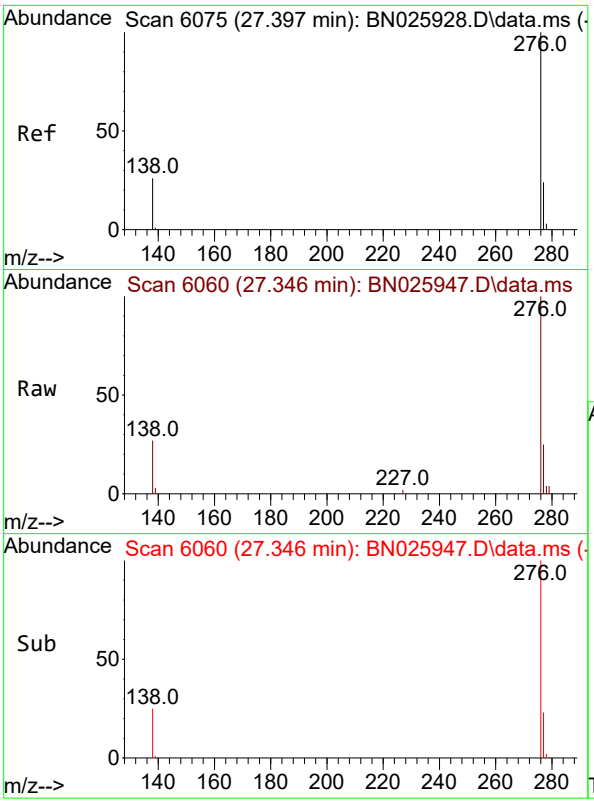


#28
Dibenzo(a,h)anthracene
Concen: 0.241 ng/ul
RT: 26.561 min Scan# 5826
Delta R.T. -0.061 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Tgt Ion:278 Resp: 13605

Ion	Ratio	Lower	Upper
278	100		
139	26.0	19.0	28.4
279	39.7	26.7	40.1





#29
Benzo(g,h,i)perylene
Concen: 0.789 ng/ul
RT: 27.346 min Scan# 6
Delta R.T. -0.040 min
Lab File: BN025947.D
Acq: 22 Jun 2023 20:59

Instrument :
BNA_N
ClientSampleId :
DCFK4DL

Tgt Ion:276 Resp: 52336

Ion	Ratio	Lower	Upper
276	100		
138	26.9	23.4	35.0
277	24.8	20.0	30.0