Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062423\
Data File : BN025982.D
Acq On : 23 Jun 2023 23:53
Operator : MA/JU
Sample : 03085-05
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFP1

Quant Time: Jun 24 01:02:14 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	7375	0.400	ng/ul	0.00
4) Naphthalene-d8	10.792	136	23773	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.617	164	14659	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.365	188	31688	0.400	ng/ul	0.00
17) Chrysene-d12	21.547	240	19963	0.400	ng/ul	0.00
23) Perylene-d12	24.011	264	16815	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.331	96	12718	1.531	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.381	152	4310	0.118	ng/ul	0.00
18) Fluoranthene-d10	19.387	212	10103	0.133	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.842	128	1407	0.021	ng/ul#	79
10) Acenaphthylene	14.340	152	5426	0.079	ng/ul#	95
15) Phenanthrene	17.403	178	11464	0.110	ng/ul	97
16) Anthracene	17.495	178	3568	0.038	ng/ul#	86
19) Fluoranthene	19.420	202	68418	0.642	ng/ul	98
20) Pyrene	19.778	202	69852	0.630	ng/ul	99
21) Benzo(a)anthracene	21.530	228	25580	0.311	ng/ul	95
22) Chrysene	21.582	228	29045	0.339	ng/ul#	93
24) Benzo(b)fluoranthene	23.257	252	51329	0.715	ng/ul	91
26) Benzo(a)pyrene	23.909	252	23329	0.374	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.599	276	18178	0.267	ng/ul#	95
28) Dibenzo(a,h)anthracene	26.612	278	4252	0.083	ng/ul#	48
29) Benzo(g,h,i)perylene	27.397	276	18481	0.305	ng/ul	94

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

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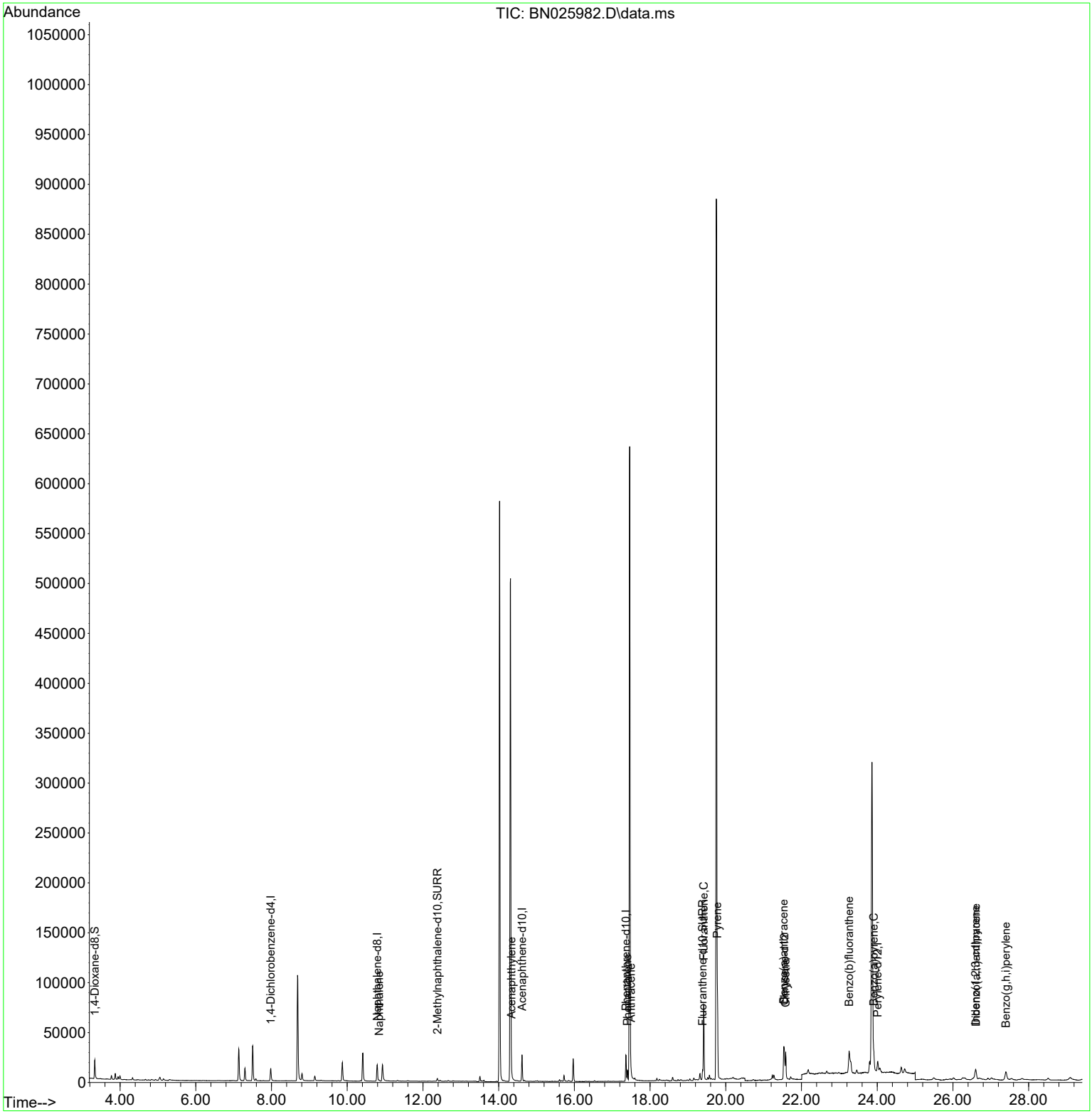
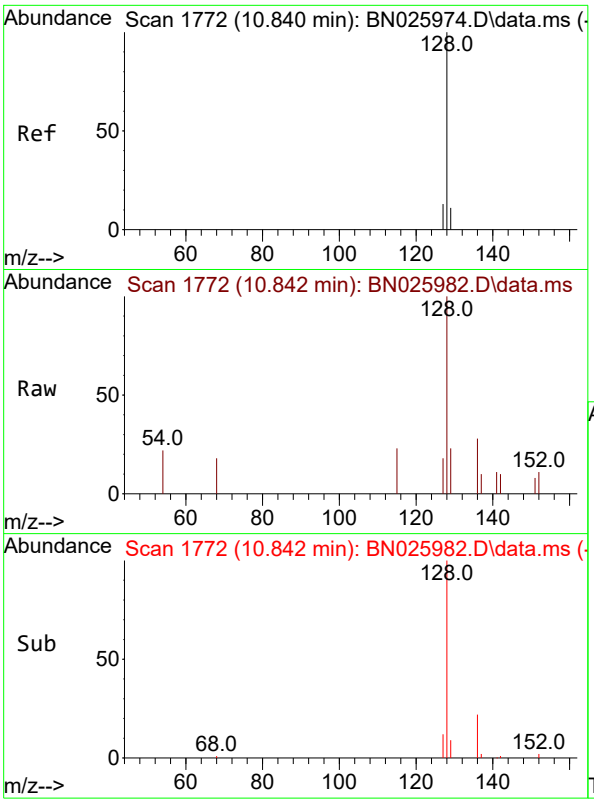


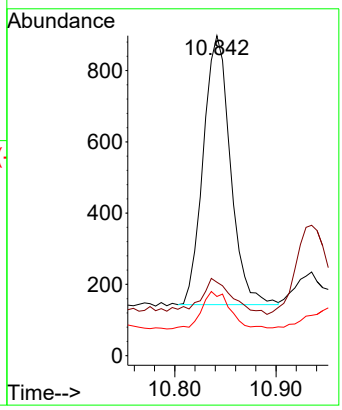


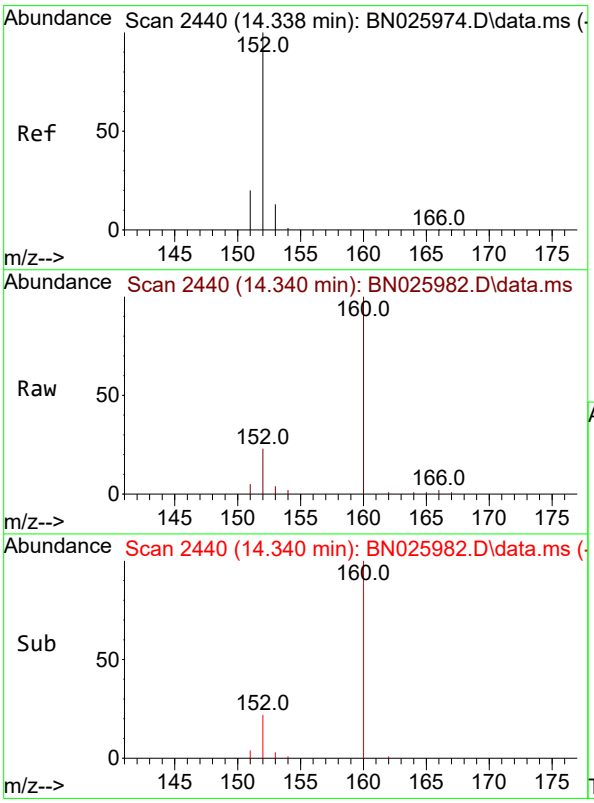
#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.842 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

Instrument :
BNA_N
ClientSampleId :
DCFP1

Tgt Ion:128 Resp: 1407

Ion	Ratio	Lower	Upper
128	100		
129	22.9	9.1	13.7#
127	18.5	10.7	16.1#

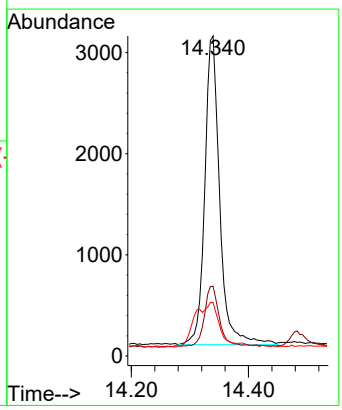


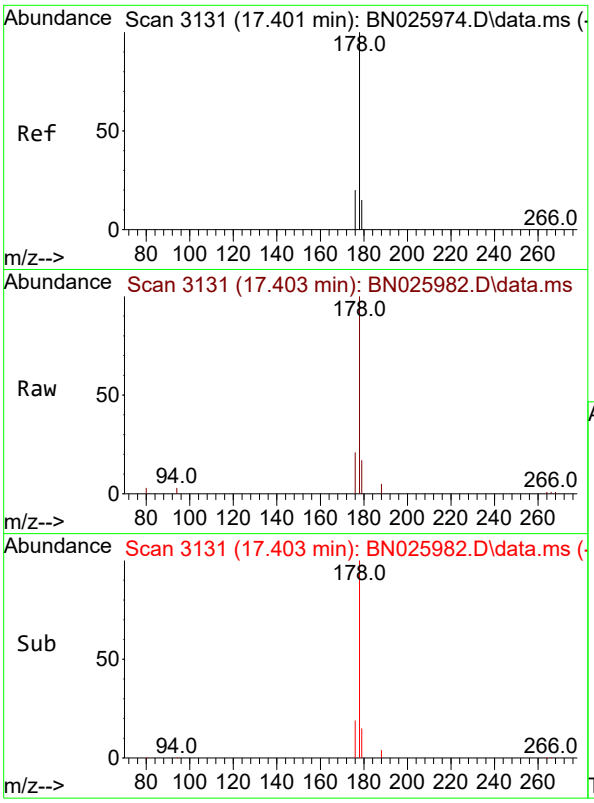


#10
Acenaphthylene
Concen: 0.079 ng/ul
RT: 14.340 min Scan# 2440
Delta R.T. -0.004 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

Tgt Ion:152 Resp: 5426

Ion	Ratio	Lower	Upper
152	100		
151	21.8	16.2	24.4
153	16.7	10.9	16.3#



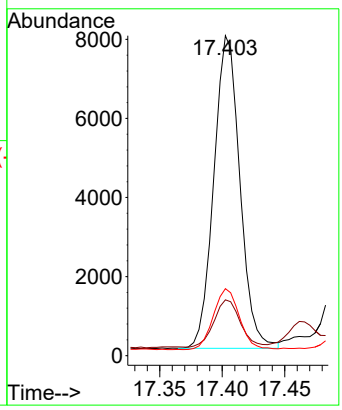


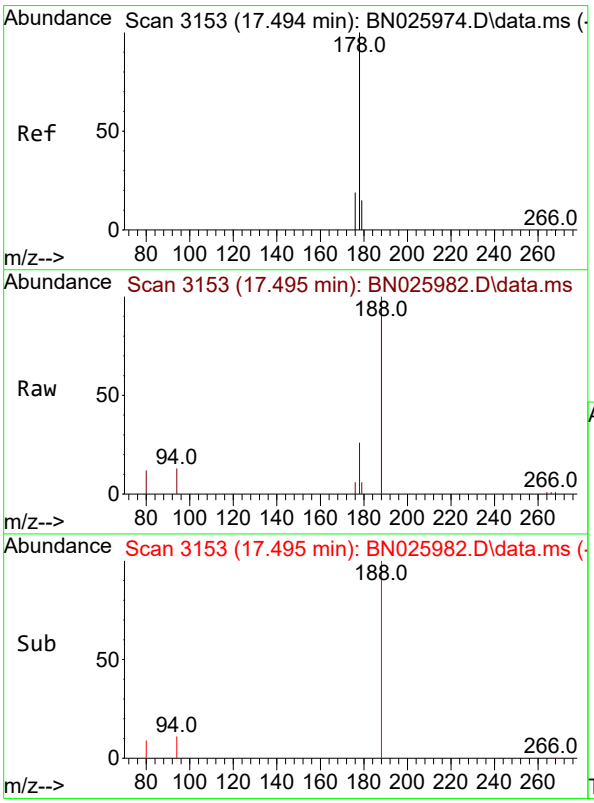
#15
Phenanthrene
Concen: 0.110 ng/ul
RT: 17.403 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

Instrument :
BNA_N
ClientSampleId :
DCFP1

Tgt Ion:178 Resp: 11464

Ion	Ratio	Lower	Upper
178	100		
179	17.4	12.6	19.0
176	20.9	15.8	23.6

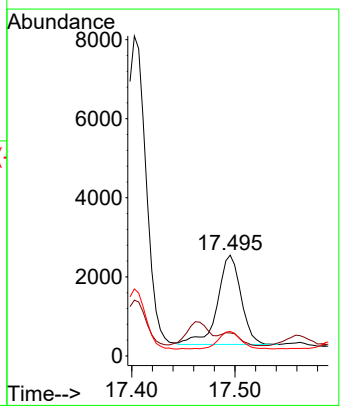


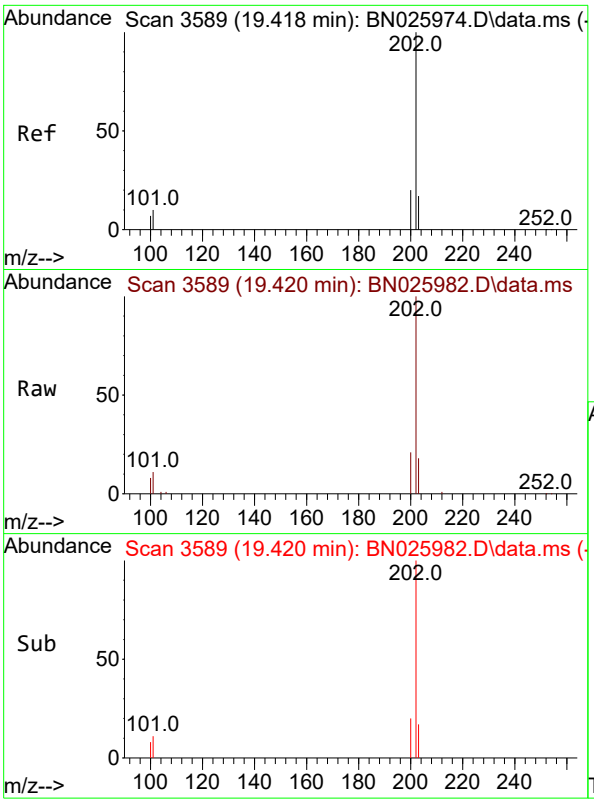


#16
Anthracene
Concen: 0.038 ng/ul
RT: 17.495 min Scan# 3153
Delta R.T. -0.004 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

Tgt Ion:178 Resp: 3568

Ion	Ratio	Lower	Upper
178	100		
179	22.9	12.6	18.8#
176	24.2	15.1	22.7#



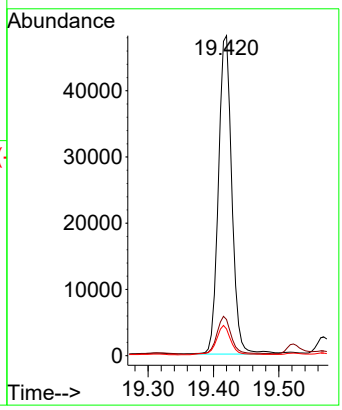


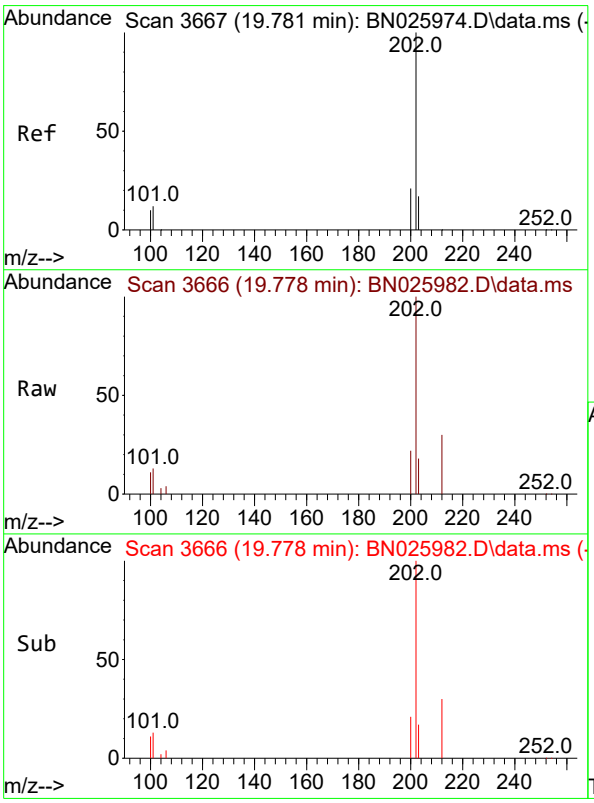
#19
Fluoranthene
Concen: 0.642 ng/ul
RT: 19.420 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

Instrument :
BNA_N
ClientSampleId :
DCFP1

Tgt Ion:202 Resp: 68418

Ion	Ratio	Lower	Upper
202	100		
101	11.3	9.5	14.3
100	8.4	7.3	10.9

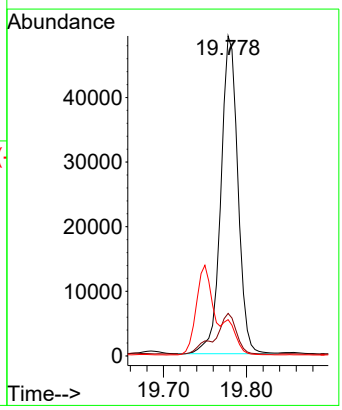


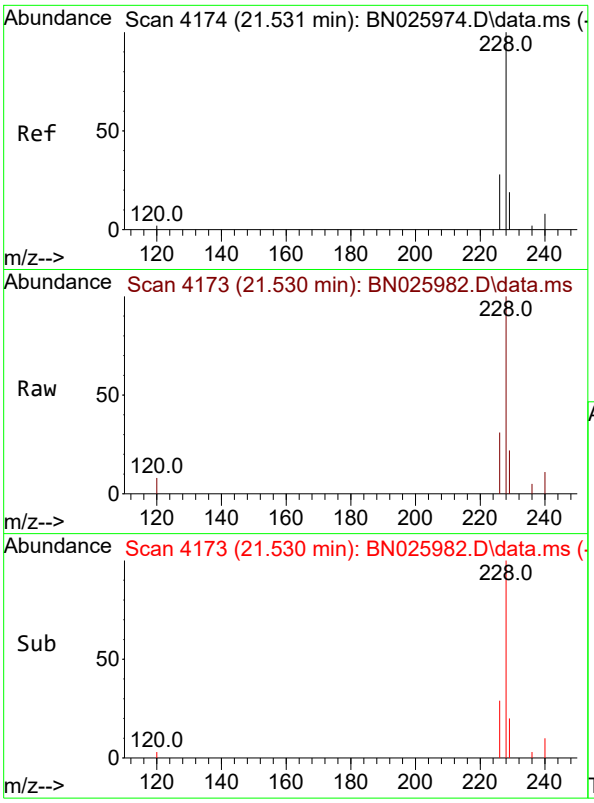


#20
Pyrene
Concen: 0.630 ng/ul
RT: 19.778 min Scan# 3666
Delta R.T. -0.004 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

Tgt Ion:202 Resp: 69852

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.4	17.0
100	11.4	9.1	13.7



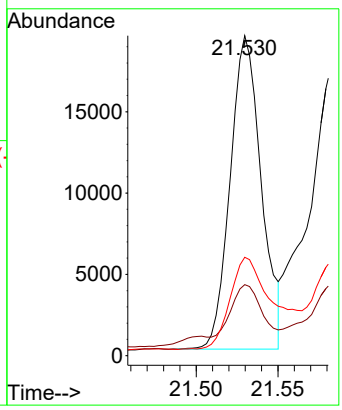


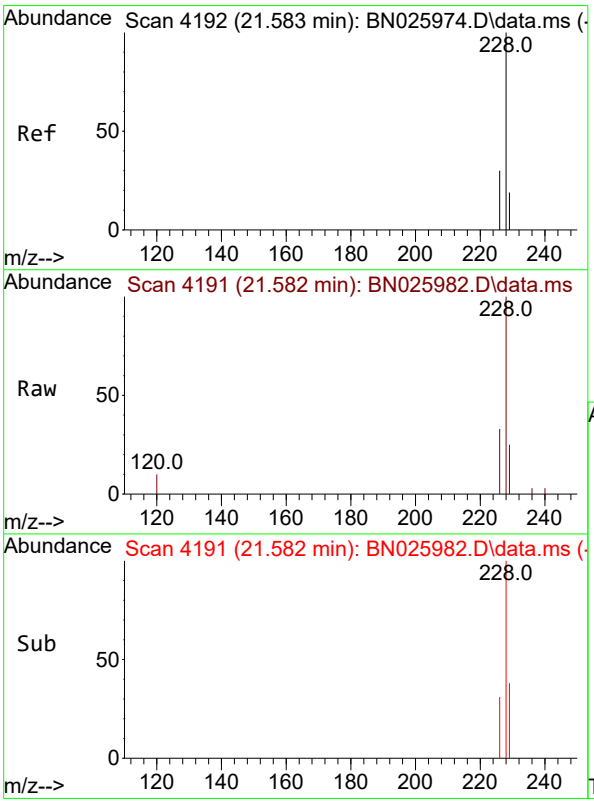
#21
Benzo(a)anthracene
Concen: 0.311 ng/ul
RT: 21.530 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

Instrument :
BNA_N
ClientSampleId :
DCFP1

Tgt Ion:228 Resp: 25580

Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.8	23.6
226	30.8	22.5	33.7

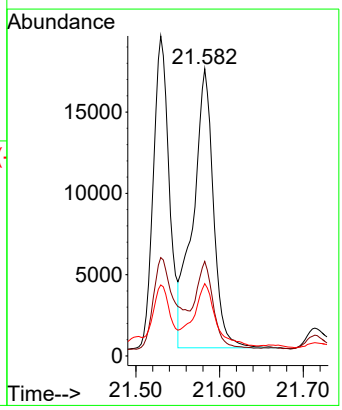


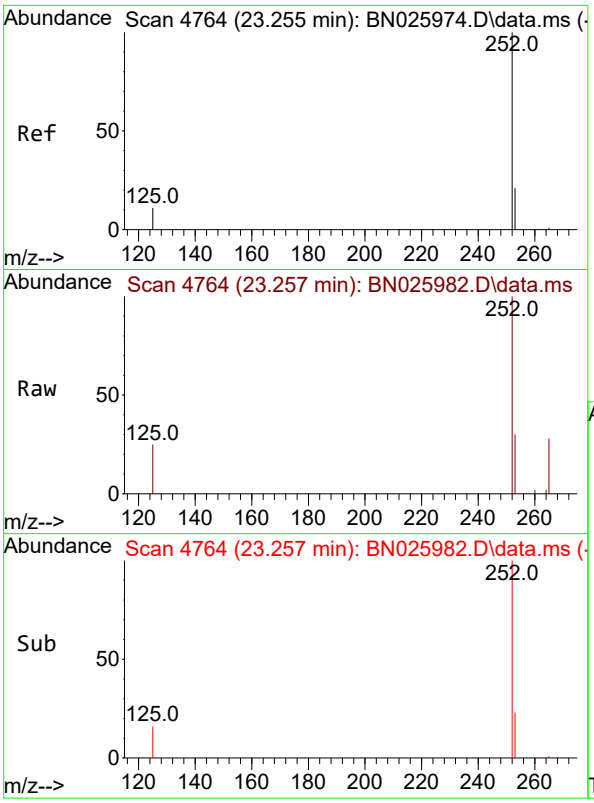


#22
Chrysene
Concen: 0.339 ng/ul
RT: 21.582 min Scan# 4191
Delta R.T. -0.002 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

Tgt Ion:228 Resp: 29045

Ion	Ratio	Lower	Upper
228	100		
226	32.9	24.8	37.2
229	25.2	15.7	23.5#



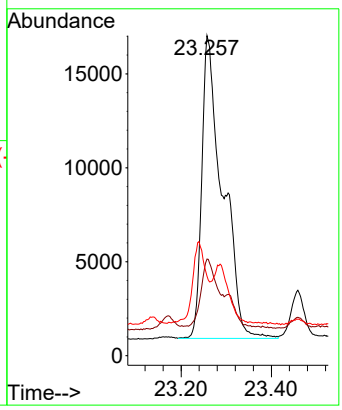


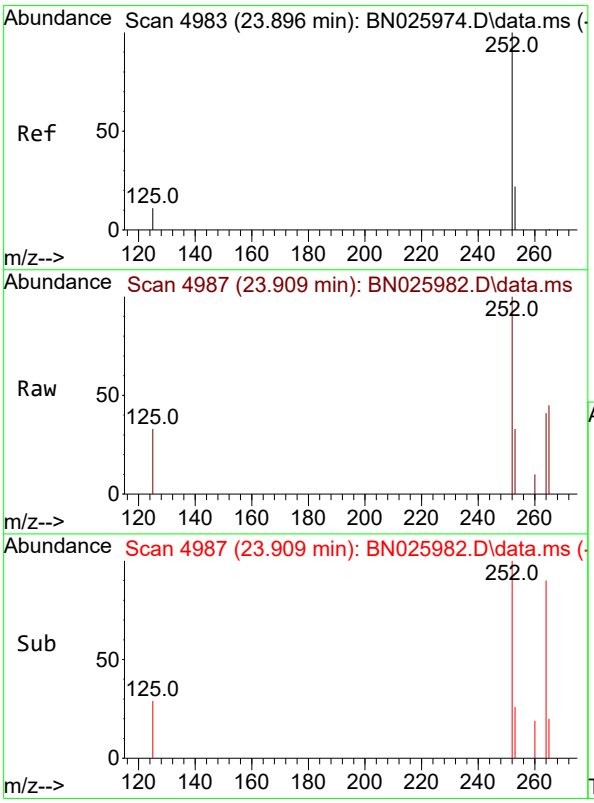
#24
Benzo(b)fluoranthene
Concen: 0.715 ng/ul
RT: 23.257 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

Instrument :
BNA_N
ClientSampleId :
DCFP1

Tgt Ion:252 Resp: 51329

Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	55.6
125	24.9	0.0	35.8

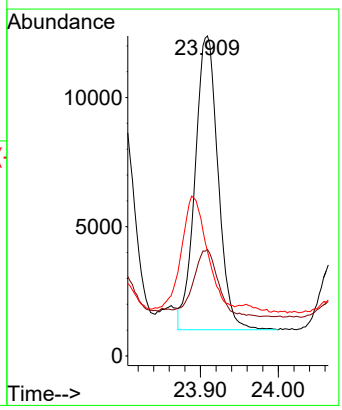


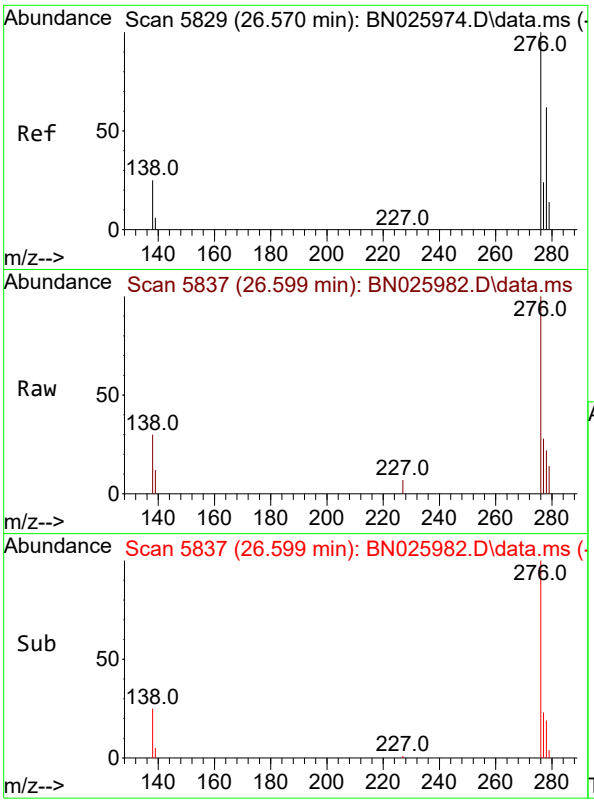


#26
Benzo(a)pyrene
Concen: 0.374 ng/ul
RT: 23.909 min Scan# 4987
Delta R.T. 0.001 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

Tgt Ion:252 Resp: 23329

Ion	Ratio	Lower	Upper
252	100		
253	33.3	26.0	39.0
125	32.7	17.3	25.9#



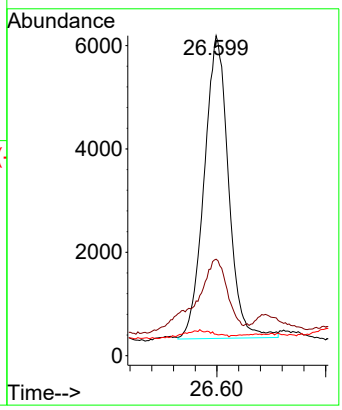


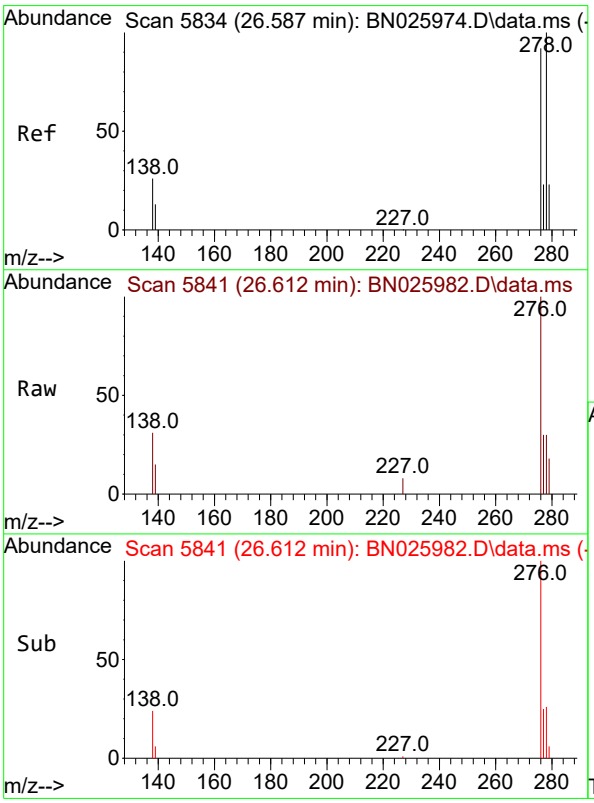
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.267 ng/ul
RT: 26.599 min Scan# 5
Delta R.T. 0.004 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

Instrument :
BNA_N
ClientSampleId :
DCFP1

Tgt Ion:276 Resp: 18178

Ion	Ratio	Lower	Upper
276	100		
138	33.2	24.5	36.7
227	0.0	0.0	0.0

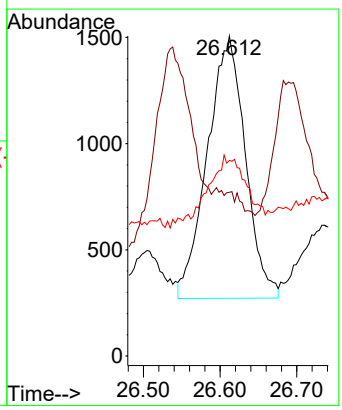


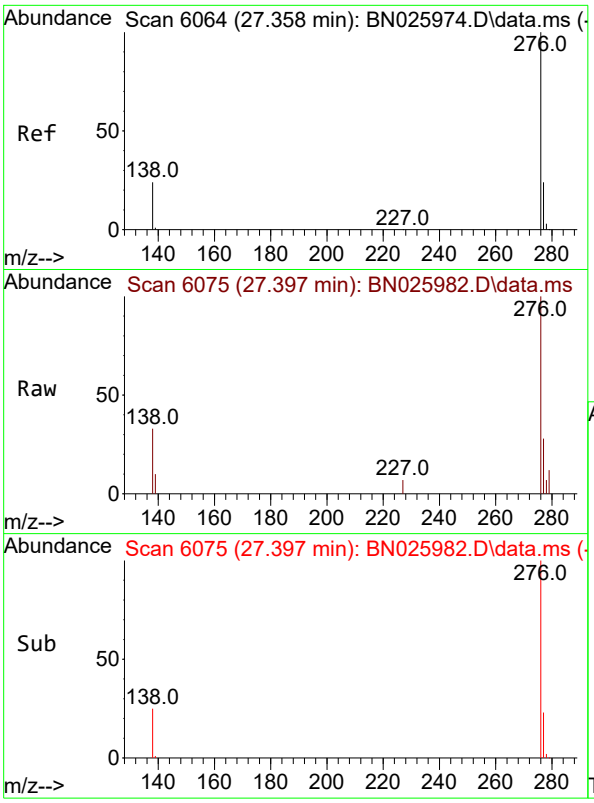


#28
Dibenzo(a,h)anthracene
Concen: 0.083 ng/ul
RT: 26.612 min Scan# 5841
Delta R.T. -0.009 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

Tgt Ion:278 Resp: 4252

Ion	Ratio	Lower	Upper
278	100		
139	51.2	19.0	28.4#
279	61.1	26.7	40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.305 ng/ul
RT: 27.397 min Scan# 6
Delta R.T. 0.011 min
Lab File: BN025982.D
Acq: 23 Jun 2023 23:53

Instrument :
BNA_N
ClientSampleId :
DCFP1

Tgt Ion:276 Resp: 18481

Ion	Ratio	Lower	Upper
276	100		
138	32.5	23.4	35.0
277	28.1	20.0	30.0