Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070223\
Data File : BN026148.D
Acq On : 01 Jul 2023 13:00
Operator : MA/JU
Sample : 03161-13DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DCFW9DL

Quant Time: Jul 01 22:34:38 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	10361	0.400	ng/ul	0.00
4) Naphthalene-d8	10.770	136	31189	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.602	164	15321	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.351	188	25633	0.400	ng/ul	0.00
17) Chrysene-d12	21.532	240	17906	0.400	ng/ul	0.00
23) Perylene-d12	23.981	264	19716	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.326	96	3710	0.318	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.370	152	833	0.017	ng/ul	0.00
18) Fluoranthene-d10	19.377	212	1325	0.019	ng/ul	0.00
Target Compounds						Qvalue
5) Naphthalene	10.819	128	2993	0.033	ng/ul#	90
10) Acenaphthylene	14.320	152	3214	0.045	ng/ul#	92
15) Phenanthrene	17.389	178	8769	0.104	ng/ul	95
16) Anthracene	17.482	178	3393	0.045	ng/ul#	85
19) Fluoranthene	19.405	202	24710	0.258	ng/ul	100
20) Pyrene	19.768	202	22469	0.226	ng/ul	99
21) Benzo(a)anthracene	21.570	228	22086	0.299	ng/ul	91
22) Chrysene	21.570	228	21667	0.282	ng/ul	95
24) Benzo(b)fluoranthene	23.236	252	57185	0.680	ng/ul	97
26) Benzo(a)pyrene	23.870	252	22811	0.312	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.537	276	22377	0.280	ng/ul#	85
28) Dibenzo(a,h)anthracene	26.544	278	5259	0.087	ng/ul#	62
29) Benzo(g,h,i)perylene	27.332	276	21116	0.297	ng/ul	98

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

Quantitation Report (Not Reviewed)

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Misc :
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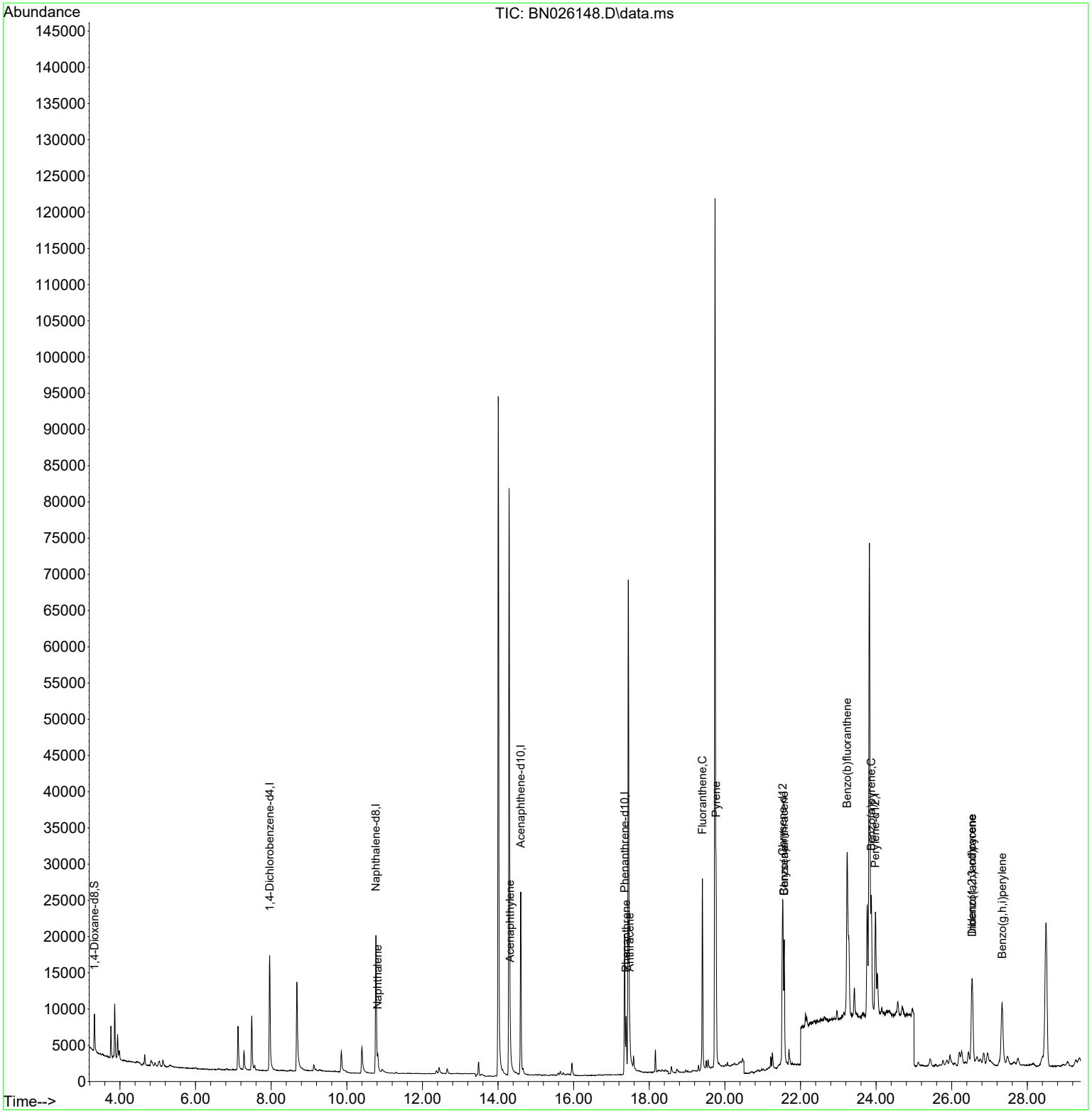
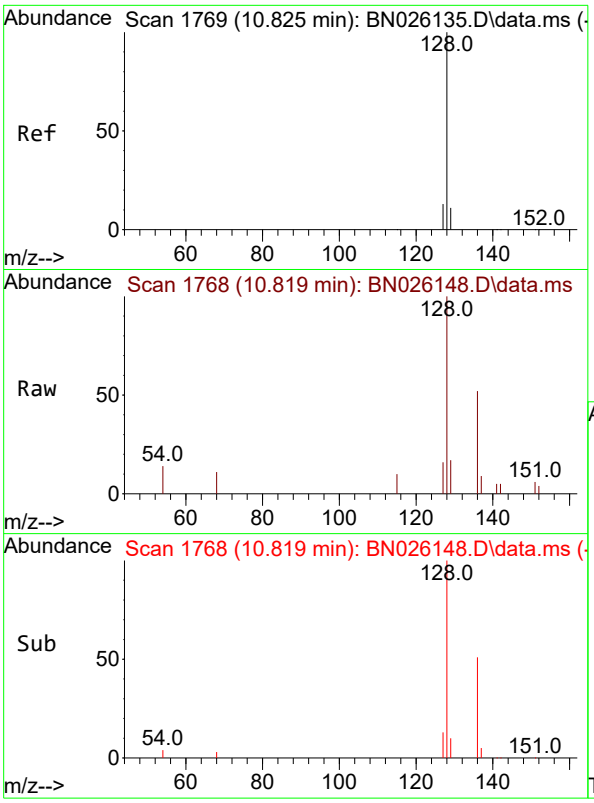
DCFW9DL

Quant Time: Jul 01 22:34:38 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



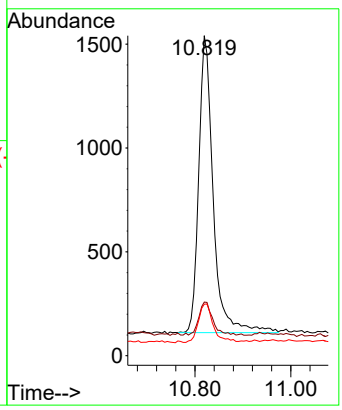


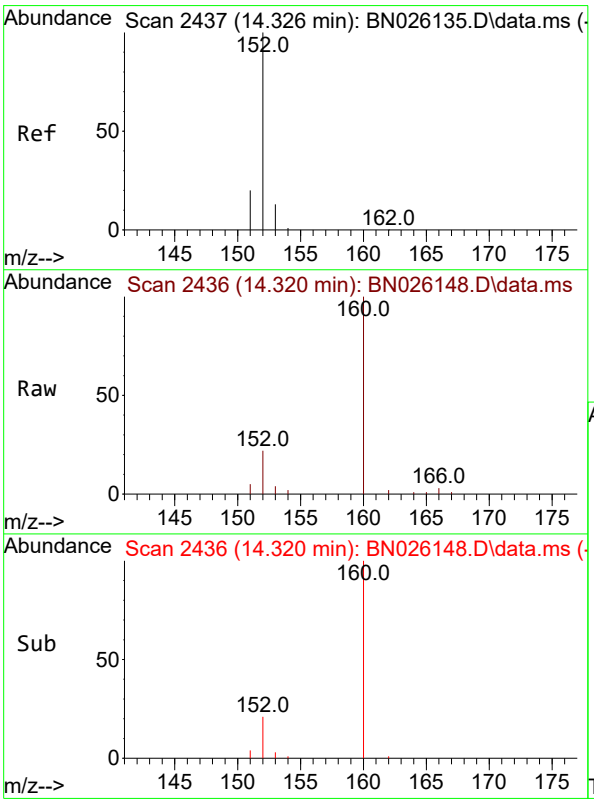
#5
Naphthalene
Concen: 0.033 ng/ul
RT: 10.819 min Scan# 1
Delta R.T. -0.006 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Instrument :
BNA_N
ClientSampleId :
DCFW9DL

Tgt Ion:128 Resp: 2993

Ion	Ratio	Lower	Upper
128	100		
129	16.7	9.1	13.7#
127	16.1	10.7	16.1#

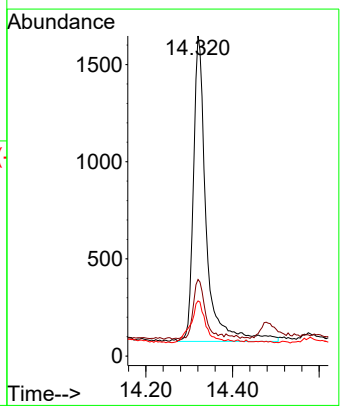


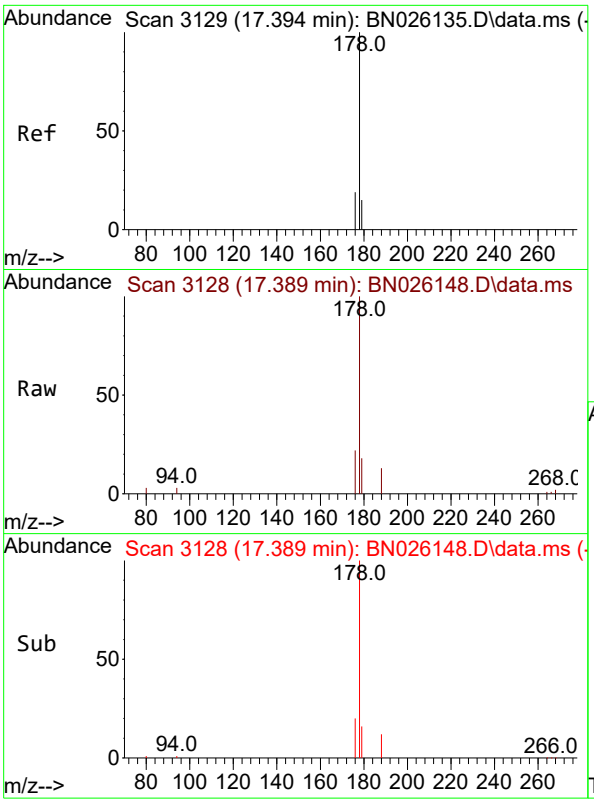


#10
Acenaphthylene
Concen: 0.045 ng/ul
RT: 14.320 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Tgt Ion:152 Resp: 3214

Ion	Ratio	Lower	Upper
152	100		
151	23.9	16.2	24.4
153	17.2	10.9	16.3#



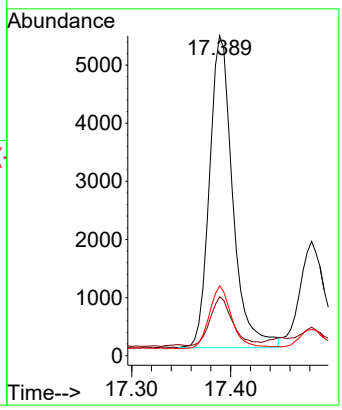


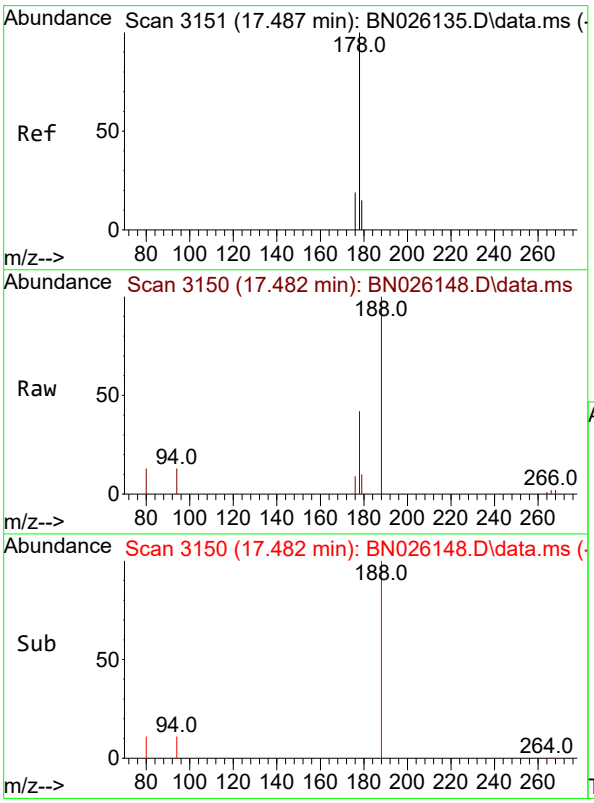
#15
Phenanthrene
Concen: 0.104 ng/ul
RT: 17.389 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Instrument :
BNA_N
ClientSampleId :
DCFW9DL

Tgt Ion:178 Resp: 8769

Ion	Ratio	Lower	Upper
178	100		
179	18.4	12.6	19.0
176	21.8	15.8	23.6

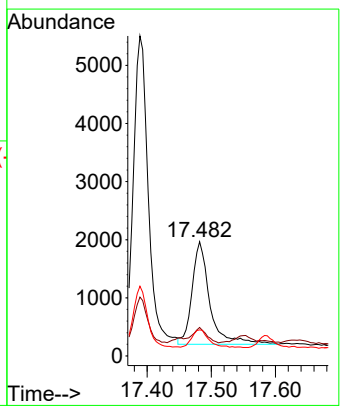


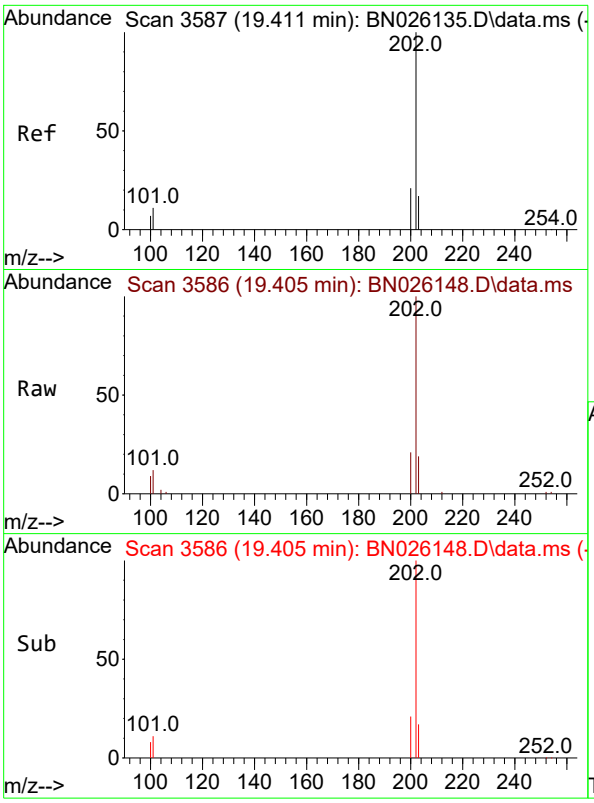


#16
Anthracene
Concen: 0.045 ng/ul
RT: 17.482 min Scan# 3150
Delta R.T. -0.005 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Tgt Ion:178 Resp: 3393

Ion	Ratio	Lower	Upper
178	100		
179	24.9	12.6	18.8#
176	22.8	15.1	22.7#



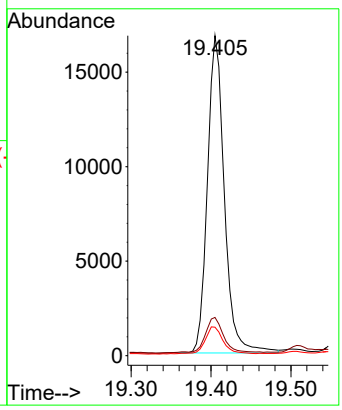


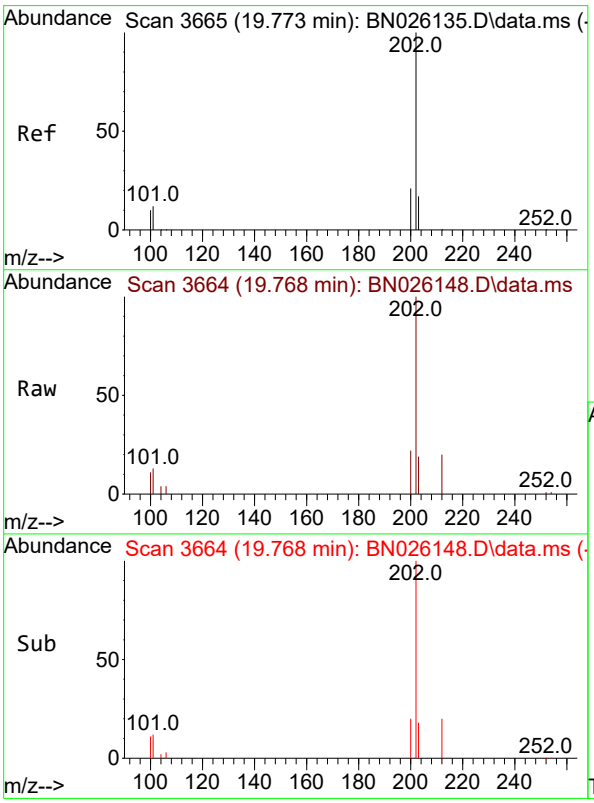
#19
Fluoranthene
Concen: 0.258 ng/ul
RT: 19.405 min Scan# 3
Delta R.T. -0.006 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Instrument :
BNA_N
ClientSampleId :
DCFW9DL

Tgt Ion:202 Resp: 24710

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.5	14.3
100	8.9	7.3	10.9

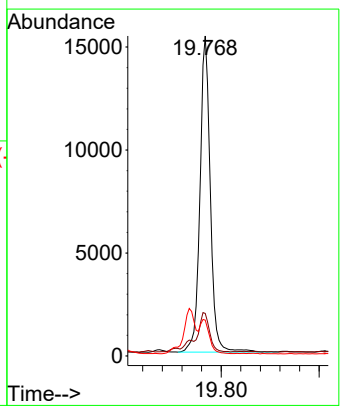


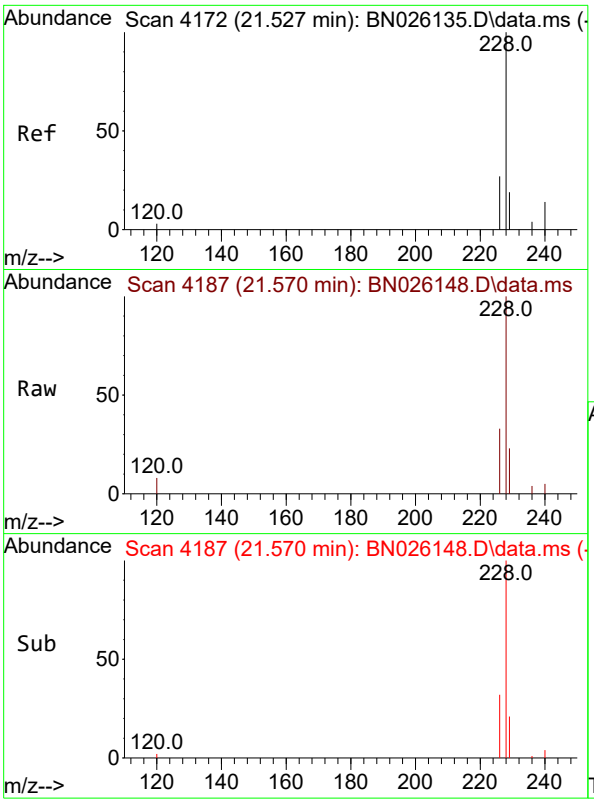


#20
Pyrene
Concen: 0.226 ng/ul
RT: 19.768 min Scan# 3664
Delta R.T. -0.006 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Tgt Ion:202 Resp: 22469

Ion	Ratio	Lower	Upper
202	100		
101	13.3	11.4	17.0
100	11.2	9.1	13.7



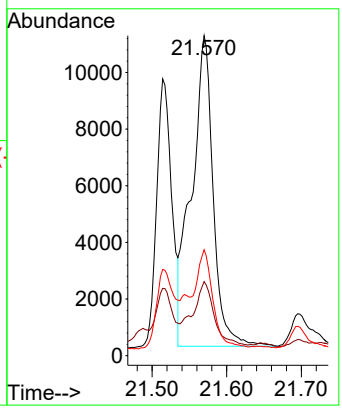


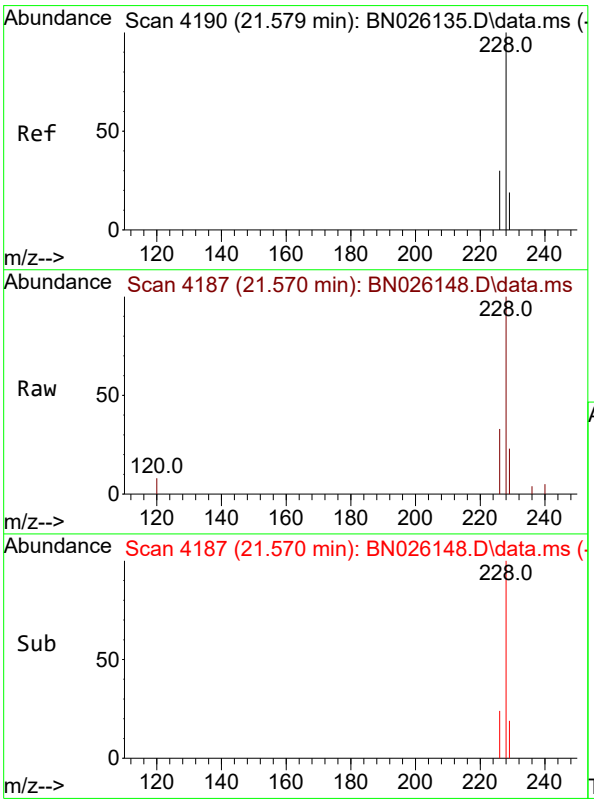
#21
Benzo(a)anthracene
Concen: 0.299 ng/ul
RT: 21.570 min Scan# 4
Delta R.T. 0.043 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Instrument :
BNA_N
ClientSampleId :
DCFW9DL

Tgt Ion:228 Resp: 22086

Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.8	23.6
226	33.1	22.5	33.7

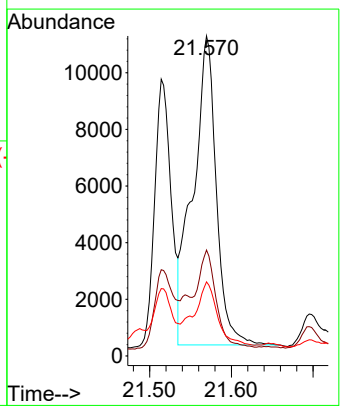


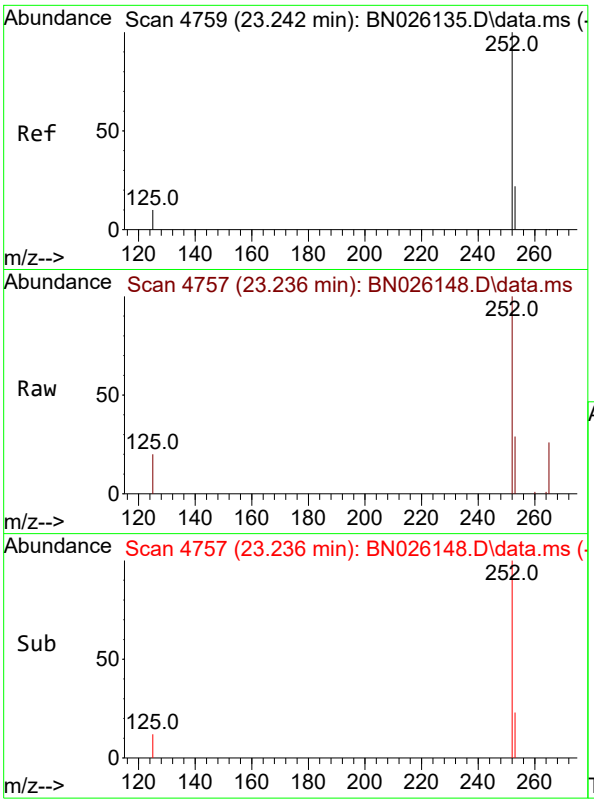


#22
Chrysene
Concen: 0.282 ng/ul
RT: 21.570 min Scan# 4187
Delta R.T. -0.010 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Tgt Ion:228 Resp: 21667

Ion	Ratio	Lower	Upper
228	100		
226	33.1	24.8	37.2
229	23.2	15.7	23.5



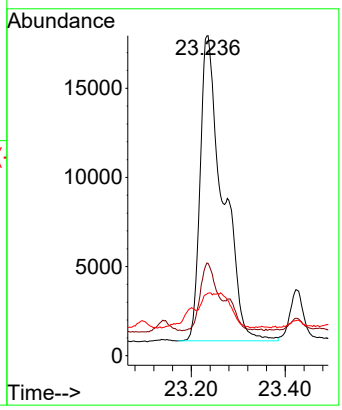


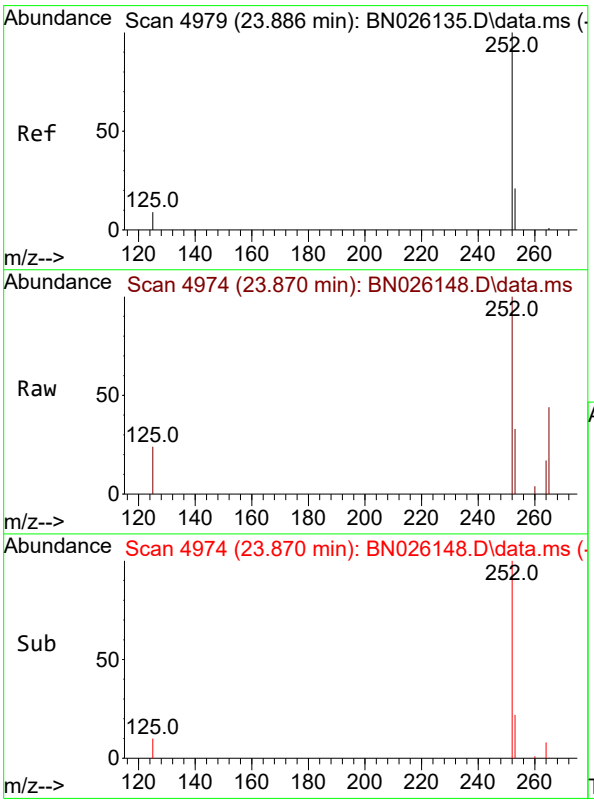
#24
Benzo(b)fluoranthene
Concen: 0.680 ng/ul
RT: 23.236 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Instrument :
BNA_N
ClientSampleId :
DCFW9DL

Tgt Ion:252 Resp: 57185

Ion	Ratio	Lower	Upper
252	100		
253	28.9	0.0	55.6
125	19.6	0.0	35.8

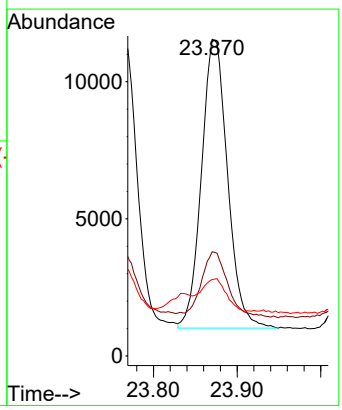


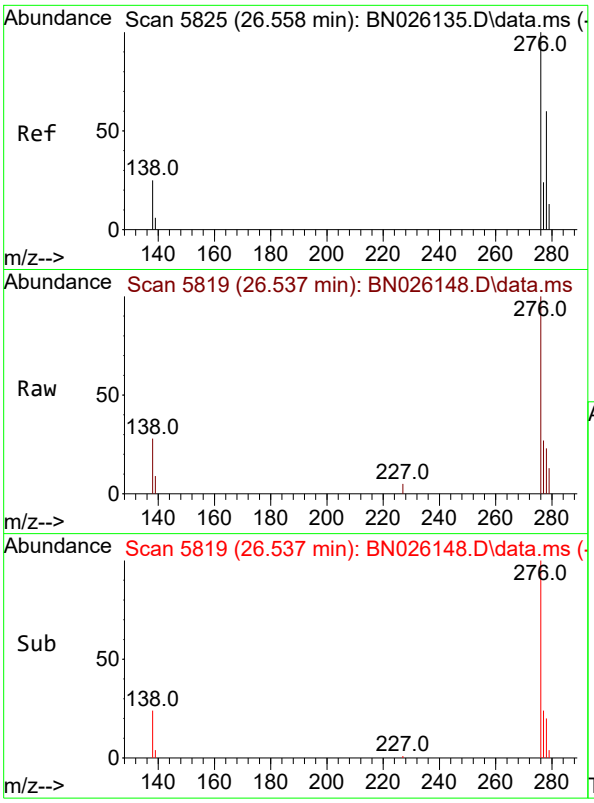


#26
Benzo(a)pyrene
Concen: 0.312 ng/ul
RT: 23.870 min Scan# 4974
Delta R.T. -0.015 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Tgt Ion:252 Resp: 22811

Ion	Ratio	Lower	Upper
252	100		
253	32.9	26.0	39.0
125	24.2	17.3	25.9



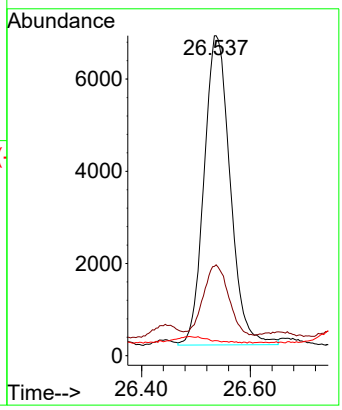


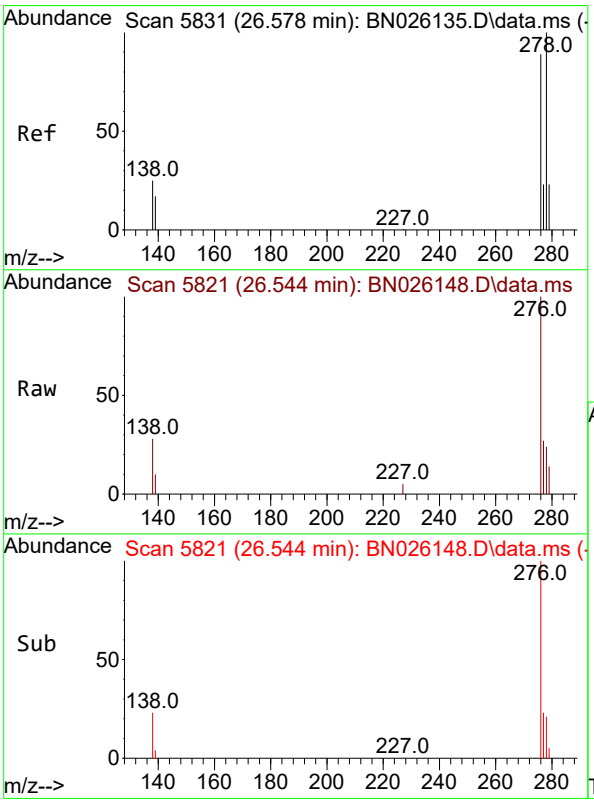
#27
Indeno(1,2,3-cd)pyrene
Concen: 0.280 ng/ul
RT: 26.537 min Scan# 5
Delta R.T. -0.021 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Instrument :
BNA_N
ClientSampleId :
DCFW9DL

Tgt Ion:276 Resp: 22377

Ion	Ratio	Lower	Upper
276	100		
138	22.1	24.5	36.7#
227	0.0	0.0	0.0

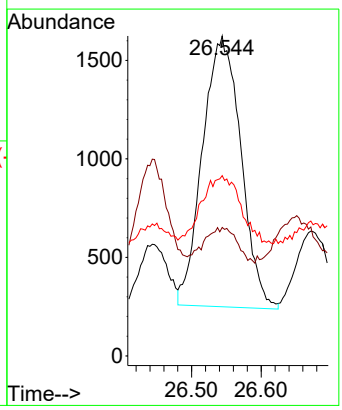


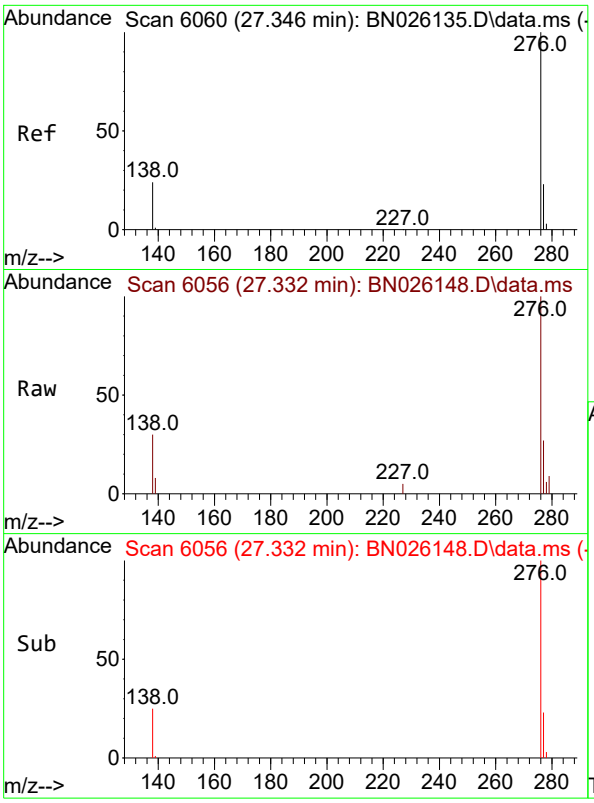


#28
Dibenzo(a,h)anthracene
Concen: 0.087 ng/ul
RT: 26.544 min Scan# 5821
Delta R.T. -0.034 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Tgt Ion:278 Resp: 5259

Ion	Ratio	Lower	Upper
278	100		
139	40.1	19.0	28.4#
279	56.3	26.7	40.1#





#29
Benzo(g,h,i)perylene
Concen: 0.297 ng/ul
RT: 27.332 min Scan# 6
Delta R.T. -0.014 min
Lab File: BN026148.D
Acq: 01 Jul 2023 13:00

Instrument :
BNA_N
ClientSampleId :
DCFW9DL

Tgt Ion:276 Resp: 21116

Ion	Ratio	Lower	Upper
276	100		
138	29.8	23.4	35.0
277	26.7	20.0	30.0