Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071123\
Data File : BN026461.D
Acq On : 11 Jul 2023 14:04
Operator : MA/JU
Sample : 03477-08
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 12 02:12:03 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 : Sun Jul 09 15:51:14 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.917	152	4718	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.721	136	15817	0.400	ng/ul	#-0.02
9) Acenaphthene-d10	14.561	164	8974	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.309	188	16400	0.400	ng/ul	-0.02
17) Chrysene-d12	21.514	240	10229	0.400	ng/ul	0.00
23) Perylene-d12	23.961	264	12106	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	31704	5.967	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.315	152	7167	0.295	ng/ul	-0.02
18) Fluoranthene-d10	19.340	212	13716	0.352	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.331	88	164545	29.166	ng/ul#	79
5) Naphthalene	10.869	128	3396	0.075	ng/ul#	20
15) Phenanthrene	17.355	178	2580	0.048	ng/ul#	75
16) Anthracene	17.444	178	1075	0.022	ng/ul#	67
20) Pyrene	19.707	202	2626	0.046	ng/ul#	1
22) Chrysene	21.552	228	1455	0.033	ng/ul#	61
26) Benzo(a)pyrene	23.806	252	4414	0.098	ng/ul#	1

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

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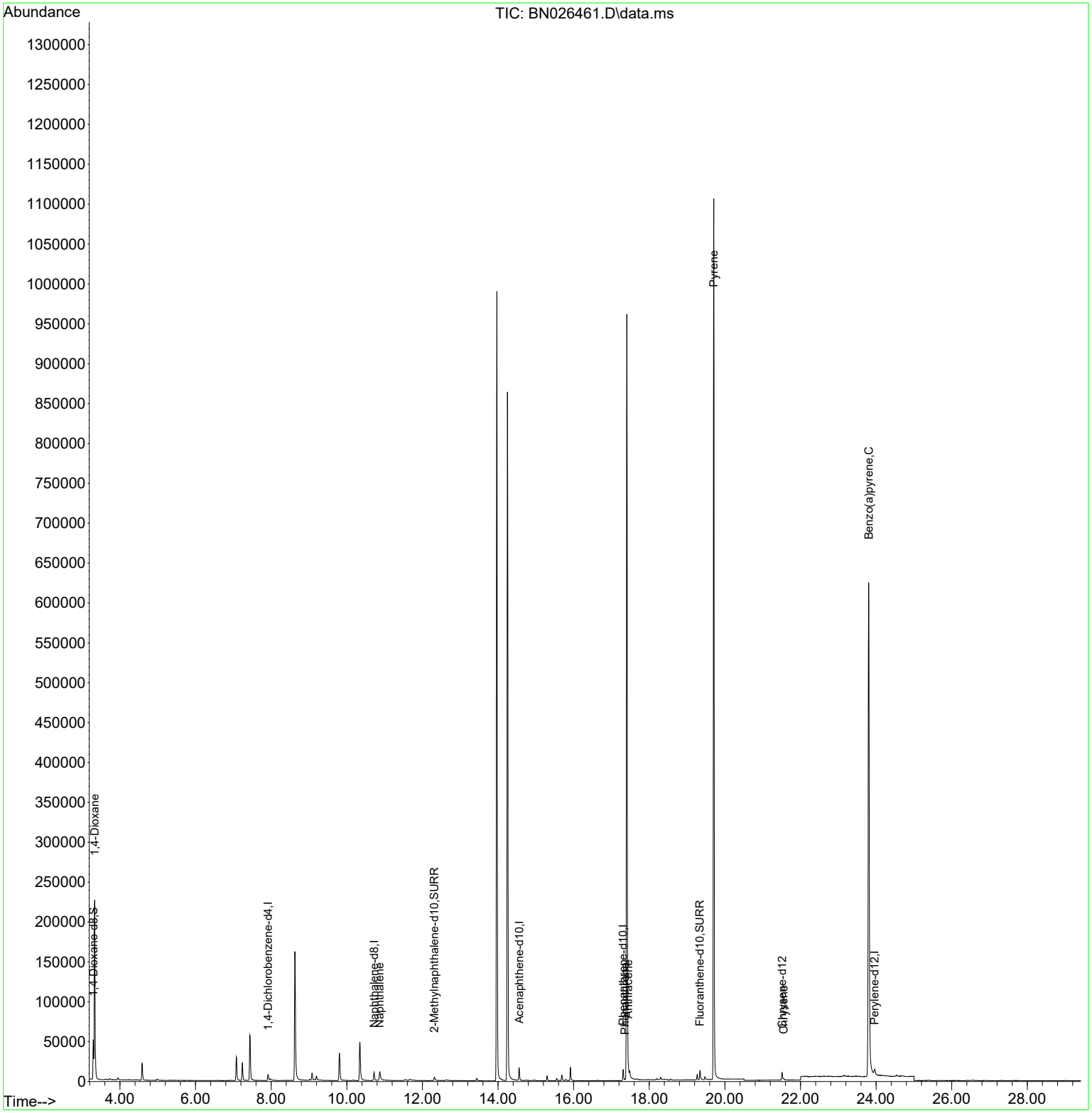
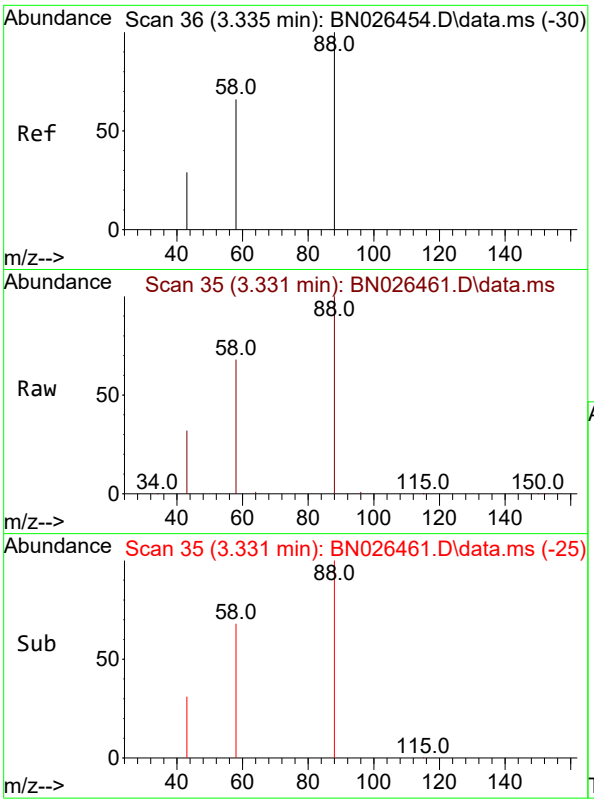


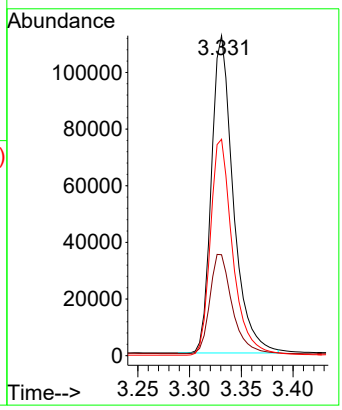


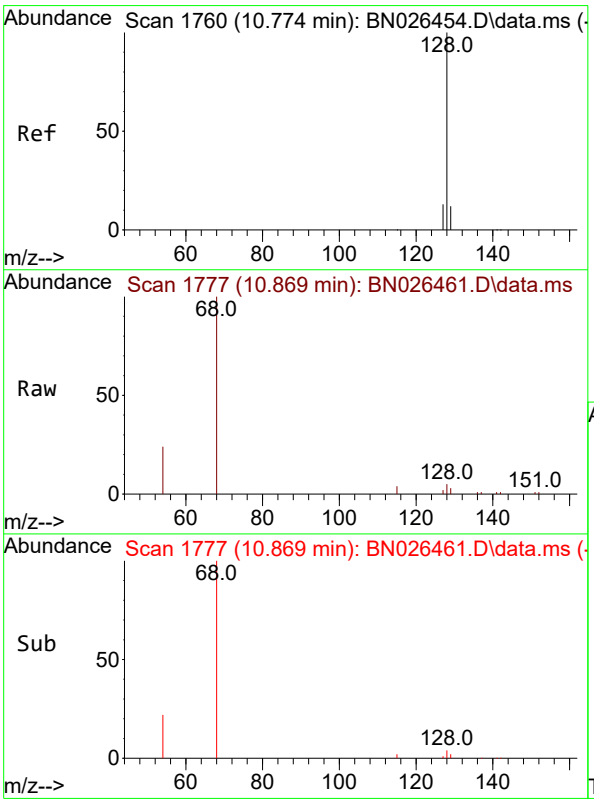
#2
1,4-Dioxane
Concen: 29.166 ng/ul
RT: 3.331 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN026461.D
Acq: 11 Jul 2023 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 164545

Ion	Ratio	Lower	Upper
88	100		
43	31.5	29.5	44.3
58	67.6	37.4	56.2#

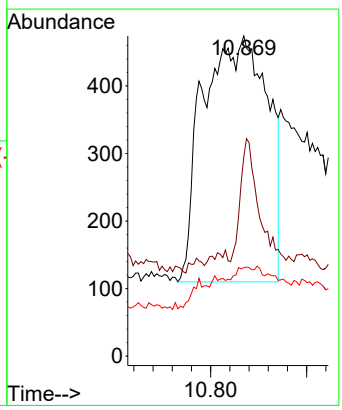


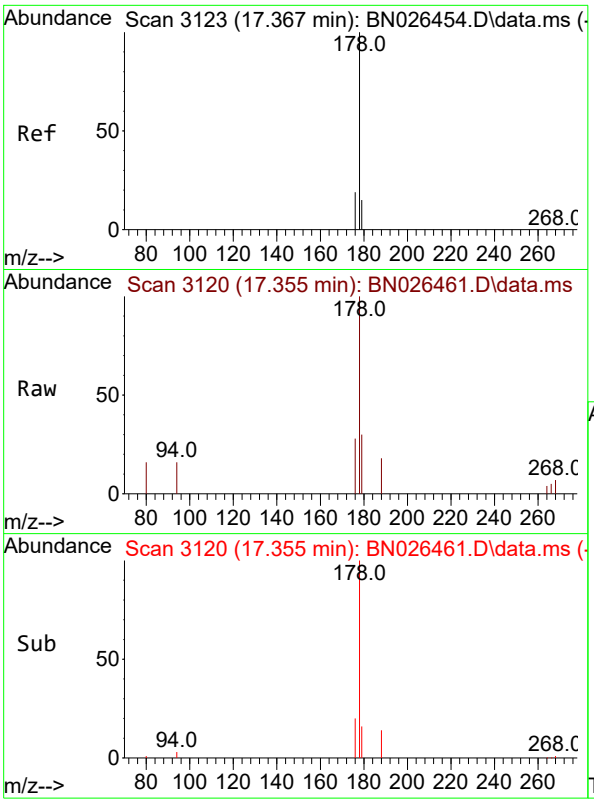


#5
Naphthalene
Concen: 0.075 ng/ul
RT: 10.869 min Scan# 1777
Delta R.T. 0.083 min
Lab File: BN026461.D
Acq: 11 Jul 2023 14:04

Tgt Ion:128 Resp: 3396

Ion	Ratio	Lower	Upper
128	100		
129	62.2	9.1	13.7#
127	27.6	10.7	16.1#



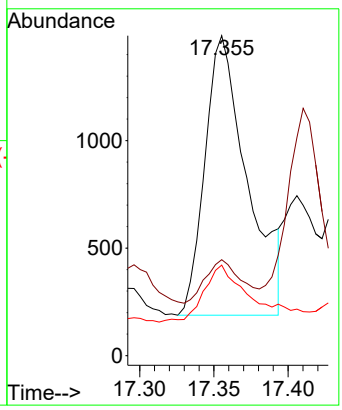


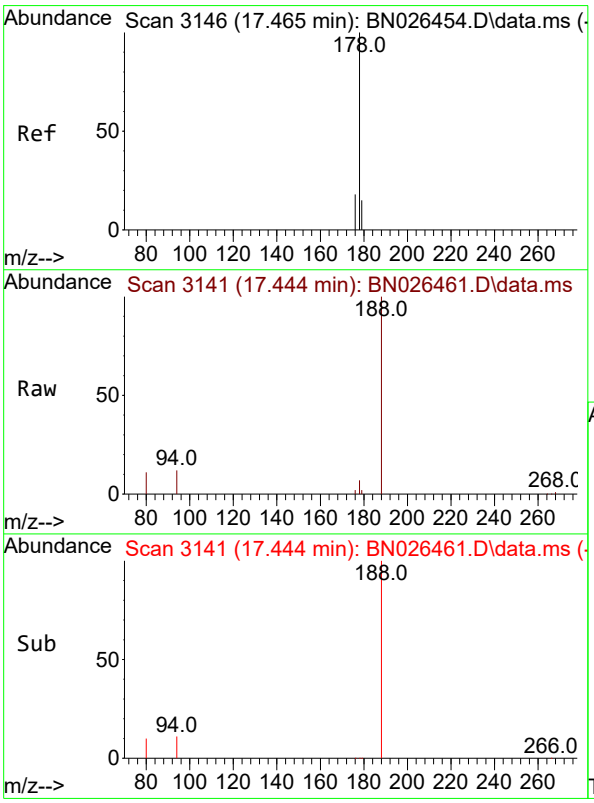
#15
Phenanthrene
Concen: 0.048 ng/ul
RT: 17.355 min Scan# 3
Delta R.T. -0.013 min
Lab File: BN026461.D
Acq: 11 Jul 2023 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 2580

Ion	Ratio	Lower	Upper
178	100		
179	30.0	12.6	19.0#
176	28.3	15.8	23.6#

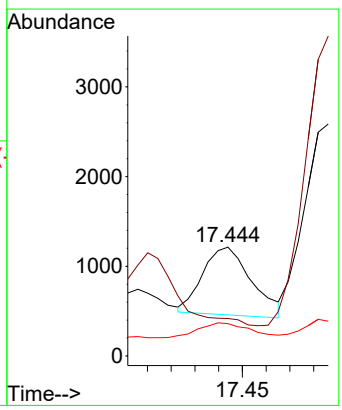


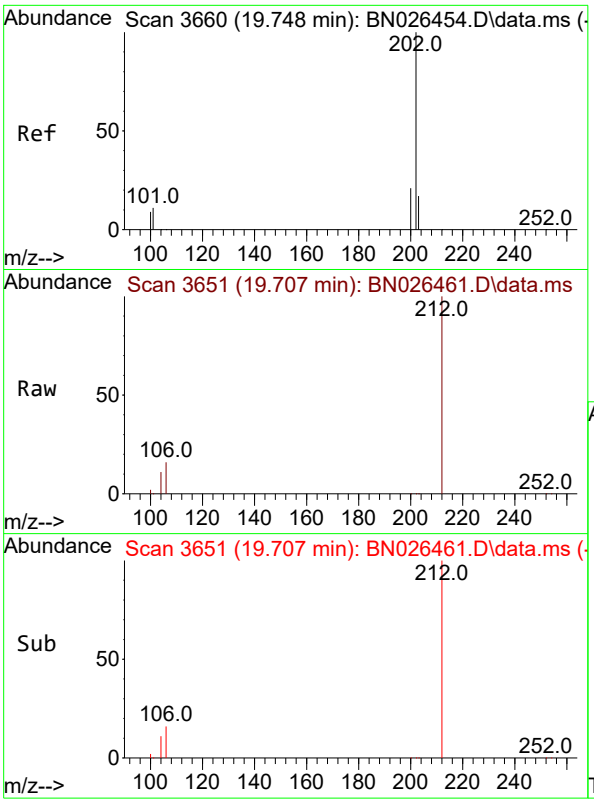


#16
Anthracene
Concen: 0.022 ng/ul
RT: 17.444 min Scan# 3141
Delta R.T. -0.021 min
Lab File: BN026461.D
Acq: 11 Jul 2023 14:04

Tgt Ion:178 Resp: 1075

Ion	Ratio	Lower	Upper
178	100		
179	34.4	12.6	18.8#
176	29.7	15.1	22.7#



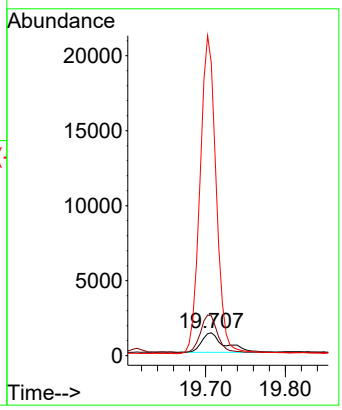


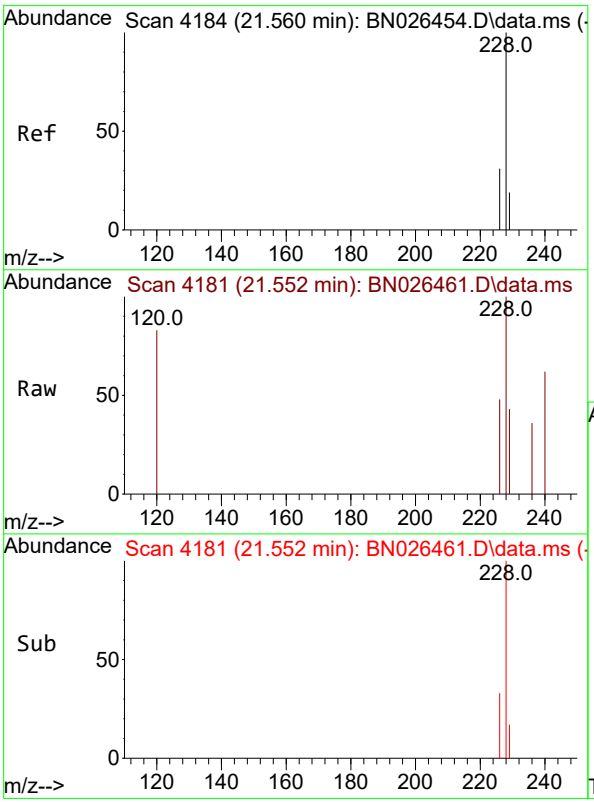
#20
Pyrene
Concen: 0.046 ng/ul
RT: 19.707 min Scan# 3
Delta R.T. -0.042 min
Lab File: BN026461.D
Acq: 11 Jul 2023 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 2626

Ion	Ratio	Lower	Upper
202	100		
101	174.2	11.4	17.0#
100	1277.1	9.1	13.7#

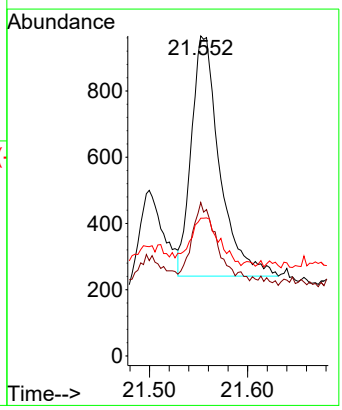


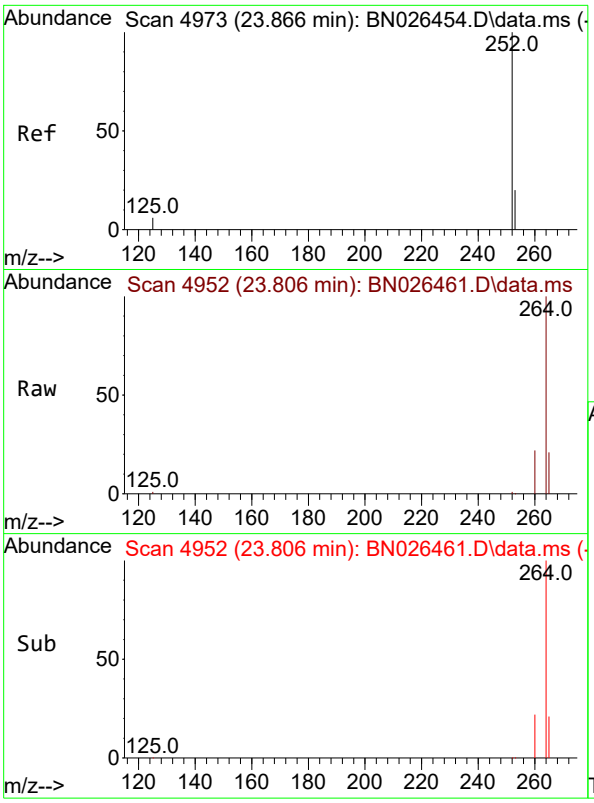


#22
Chrysene
Concen: 0.033 ng/ul
RT: 21.552 min Scan# 4181
Delta R.T. 0.000 min
Lab File: BN026461.D
Acq: 11 Jul 2023 14:04

Tgt Ion:228 Resp: 1455

Ion	Ratio	Lower	Upper
228	100		
226	47.9	24.8	37.2#
229	43.1	15.7	23.5#





#26
Benzo(a)pyrene
Concen: 0.098 ng/ul
RT: 23.806 min Scan# 4
Delta R.T. -0.064 min
Lab File: BN026461.D
Acq: 11 Jul 2023 14:04

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 4414

Ion	Ratio	Lower	Upper
252	100		
253	66.9	26.0	39.0#
125	100.5	17.3	25.9#