Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026571.D
Acq On : 18 Jul 2023 19:14
Operator : MA/JU
Sample : 03458-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 19 00:18:29 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	2422	0.400	ng/ul	-0.03
4) Naphthalene-d8	10.737	136	7272	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.574	164	4770	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.325	188	12277	0.400	ng/ul	0.00
17) Chrysene-d12	21.525	240	10928	0.400	ng/ul	# 0.00
23) Perylene-d12	23.960	264	8709	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.288	96	1278	0.401	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.332	152	1009	0.102	ng/ul	-0.01
18) Fluoranthene-d10	19.358	212	3428	0.090	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.309	88	848	0.281	ng/ul#	1
5) Naphthalene	10.792	128	1094	0.055	ng/ul#	74
10) Acenaphthylene	14.292	152	664	0.028	ng/ul#	50
11) Acenaphthene	14.690	153	17219	0.968	ng/ul#	1
12) Fluorene	15.624	166	444	0.024	ng/ul#	83
15) Phenanthrene	17.367	178	4505	0.115	ng/ul	95
19) Fluoranthene	19.386	202	13332	0.260	ng/ul	99
20) Pyrene	19.748	202	4921	0.088	ng/ul#	92
21) Benzo(a)anthracene	21.508	228	6425	0.160	ng/ul#	87
22) Chrysene	21.560	228	5724	0.125	ng/ul#	78
24) Benzo(b)fluoranthene	23.223	252	10425	0.307	ng/ul	75
27) Indeno(1,2,3-cd)pyrene	26.503	276	876	0.022	ng/ul#	66
28) Dibenzo(a,h)anthracene	26.510	278	886	0.029	ng/ul#	1

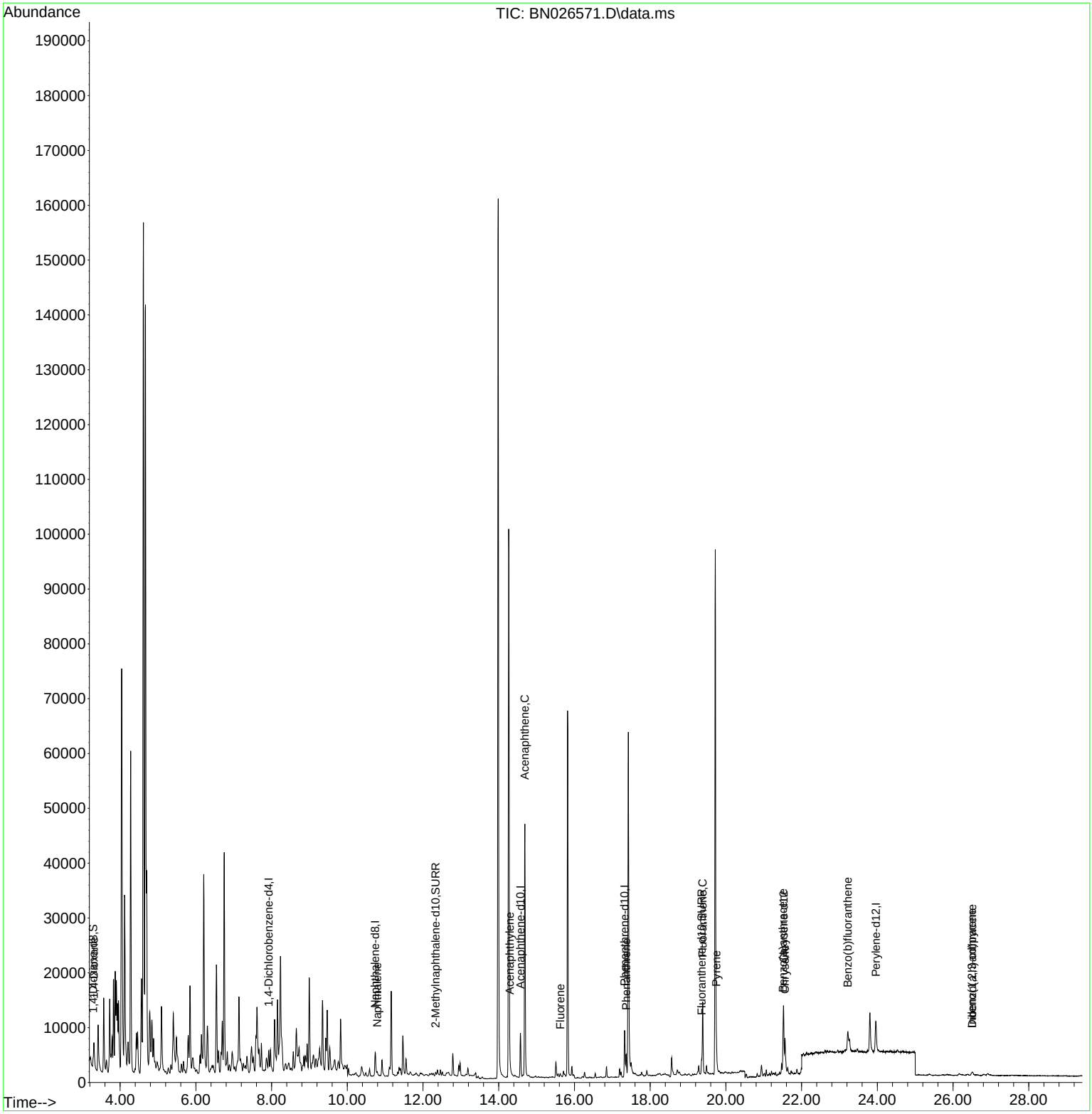
(#) = qualifier out of range (m) = manual integration (+) = signals summed

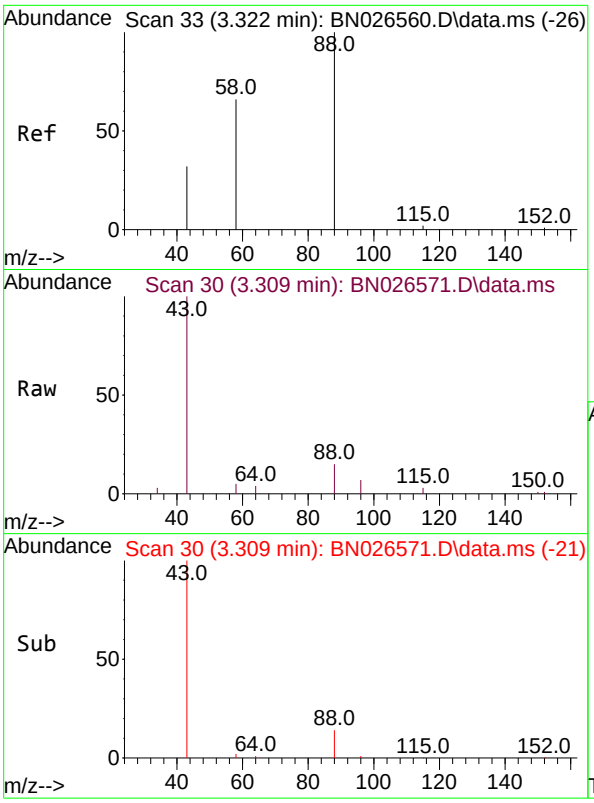
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071823\
Data File : BN026571.D
Acq On : 18 Jul 2023 19:14
Operator : MA/JU
Sample : 03458-13
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Jul 19 00:18:29 2023
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN071223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 00:15:47 2023
Response via : Initial Calibration



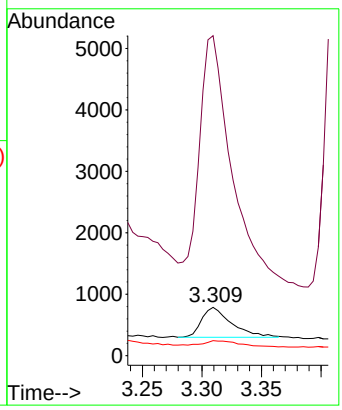


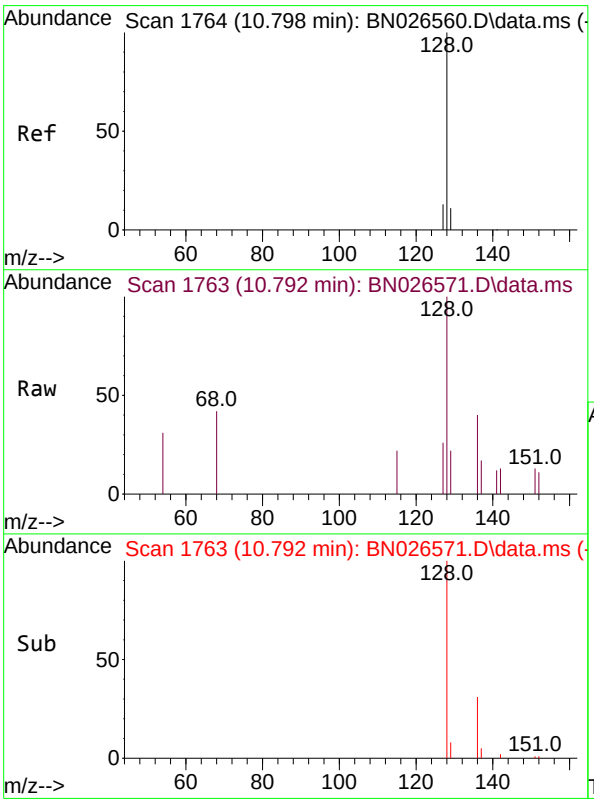
#2
1,4-Dioxane
Concen: 0.281 ng/ul
RT: 3.309 min Scan# 3
Delta R.T. -0.013 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 848

Ion	Ratio	Lower	Upper
88	100		
43	661.0	33.0	49.6#
58	31.0	41.7	62.5#

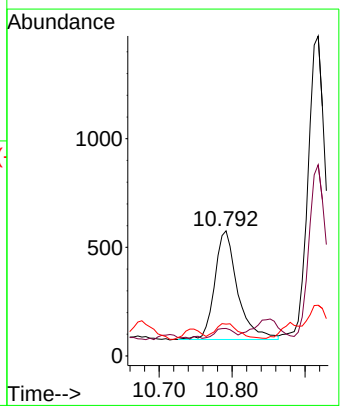


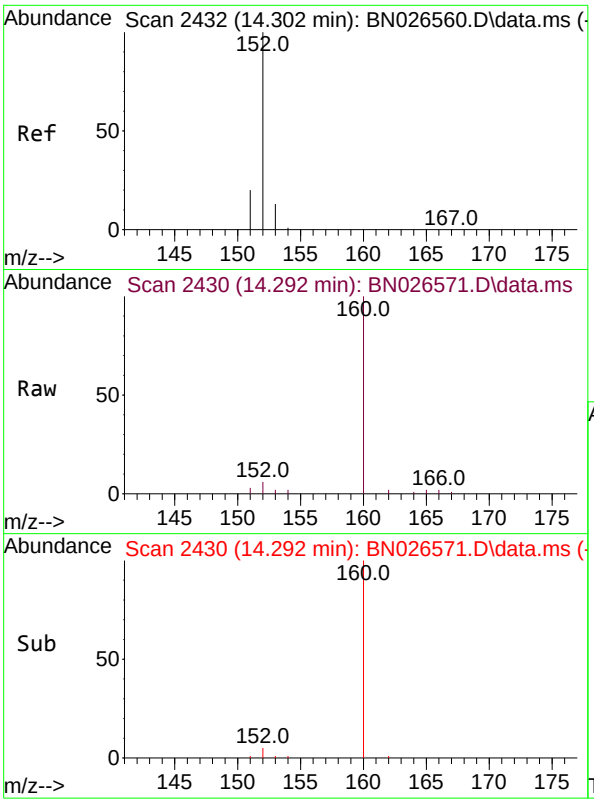


#5
Naphthalene
Concen: 0.055 ng/ul
RT: 10.792 min Scan# 1763
Delta R.T. -0.006 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Tgt Ion:128 Resp: 1094

Ion	Ratio	Lower	Upper
128	100		
129	22.0	10.2	15.2#
127	25.5	11.4	17.0#



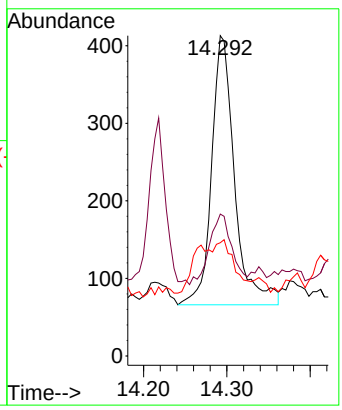


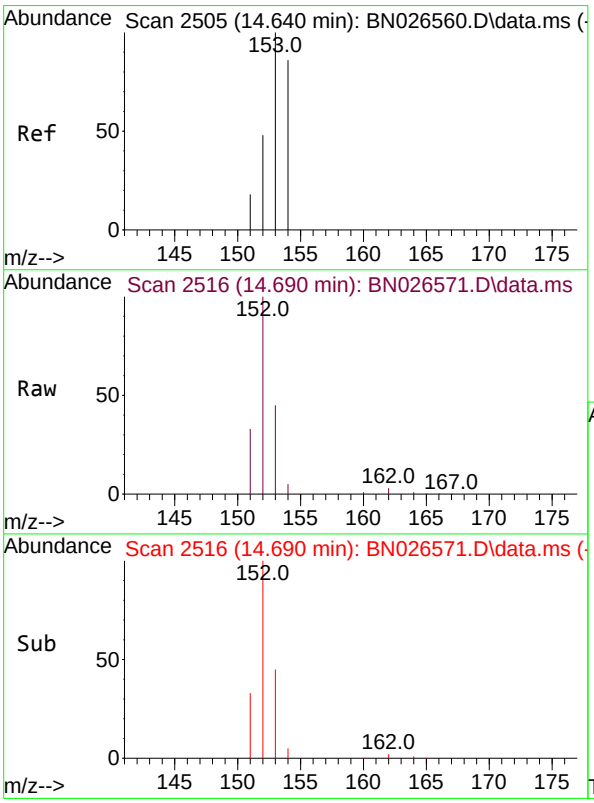
#10
Acenaphthylene
Concen: 0.028 ng/ul
RT: 14.292 min Scan# 24
Delta R.T. -0.010 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 664

Ion	Ratio	Lower	Upper
152	100		
151	44.3	17.0	25.6#
153	35.4	11.4	17.2#

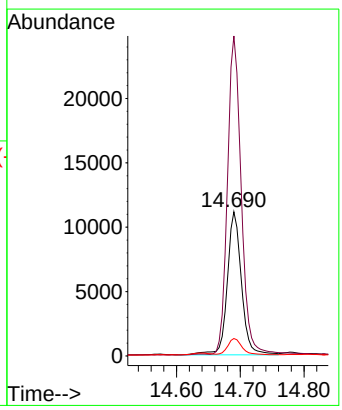


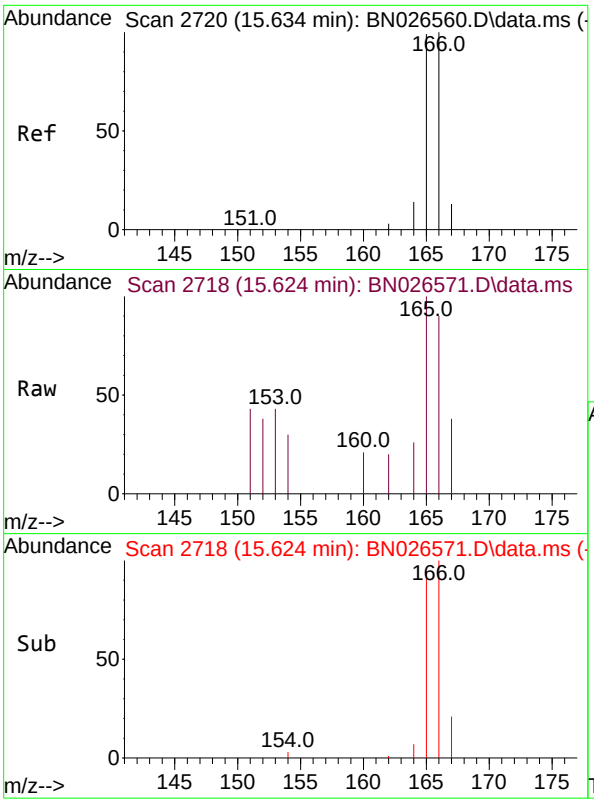


#11
Acenaphthene
Concen: 0.968 ng/ul
RT: 14.690 min Scan# 2516
Delta R.T. 0.050 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Tgt Ion:153 Resp: 17219

Ion	Ratio	Lower	Upper
153	100		
152	222.1	40.2	60.4#
154	12.1	69.3	103.9#



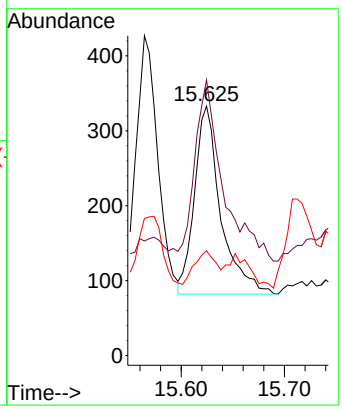


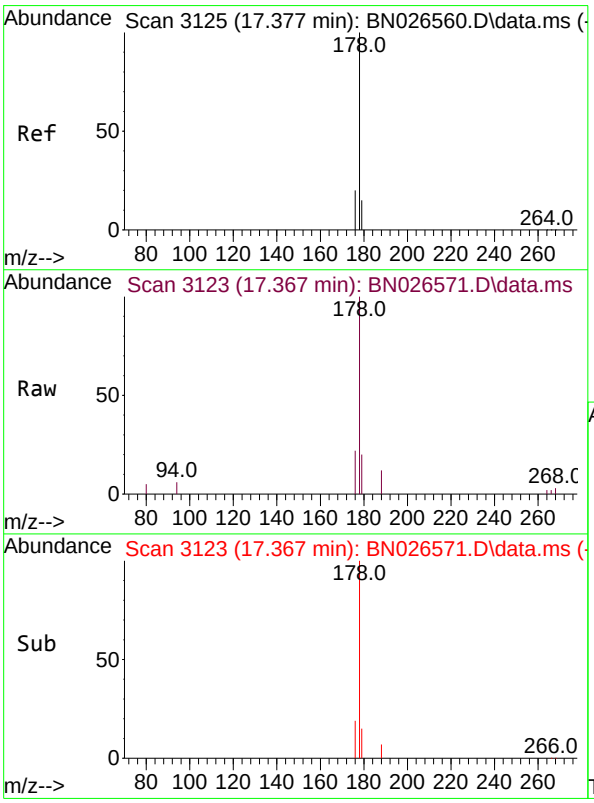
#12
Fluorene
Concen: 0.024 ng/ul
RT: 15.624 min Scan# 2
Delta R.T. -0.010 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 444

Ion	Ratio	Lower	Upper
166	100		
165	110.5	80.6	120.8
167	42.0	12.0	18.0#

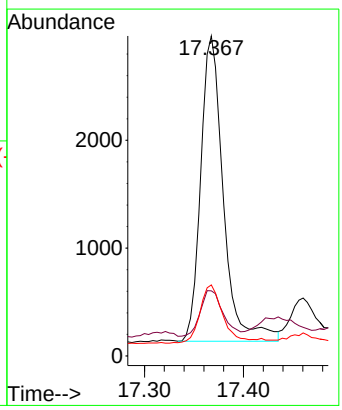


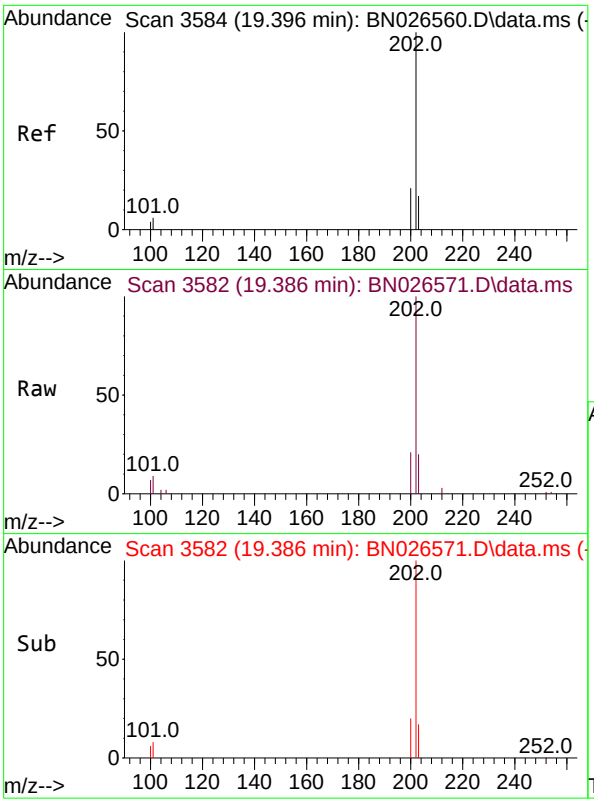


#15
Phenanthrene
Concen: 0.115 ng/ul
RT: 17.367 min Scan# 3123
Delta R.T. -0.009 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Tgt Ion:178 Resp: 4505

Ion	Ratio	Lower	Upper
178	100		
179	20.4	13.7	20.5
176	22.2	16.5	24.7



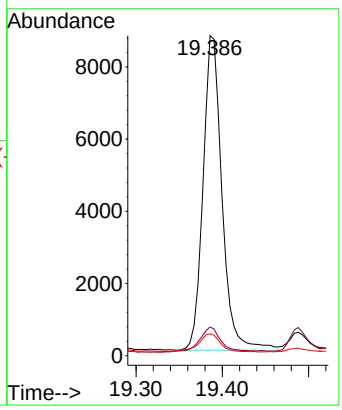


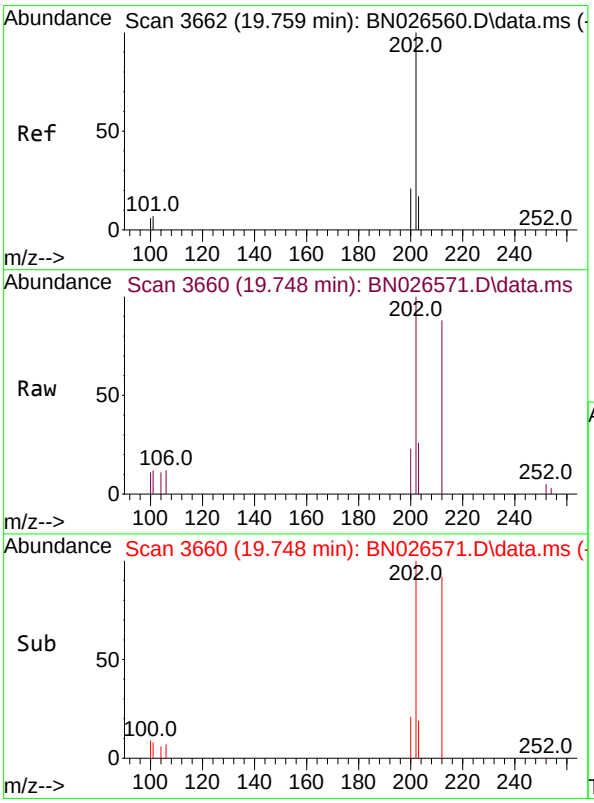
#19
Fluoranthene
Concen: 0.260 ng/ul
RT: 19.386 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 13332

Ion	Ratio	Lower	Upper
202	100		
101	8.9	7.0	10.4
100	6.8	6.0	9.0

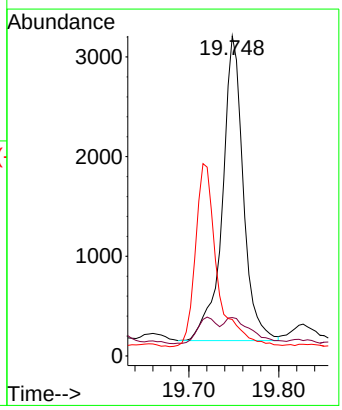


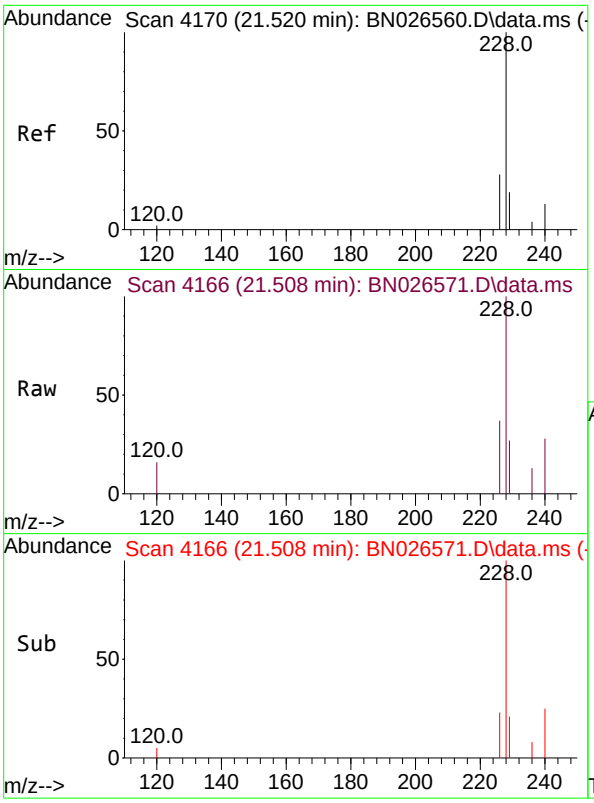


#20
Pyrene
Concen: 0.088 ng/ul
RT: 19.748 min Scan# 3660
Delta R.T. -0.010 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Tgt Ion:202 Resp: 4921

Ion	Ratio	Lower	Upper
202	100		
101	12.0	8.0	12.0#
100	11.4	6.2	9.2#



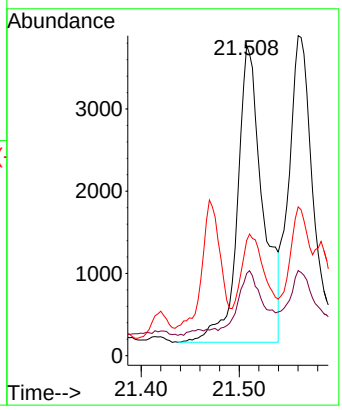


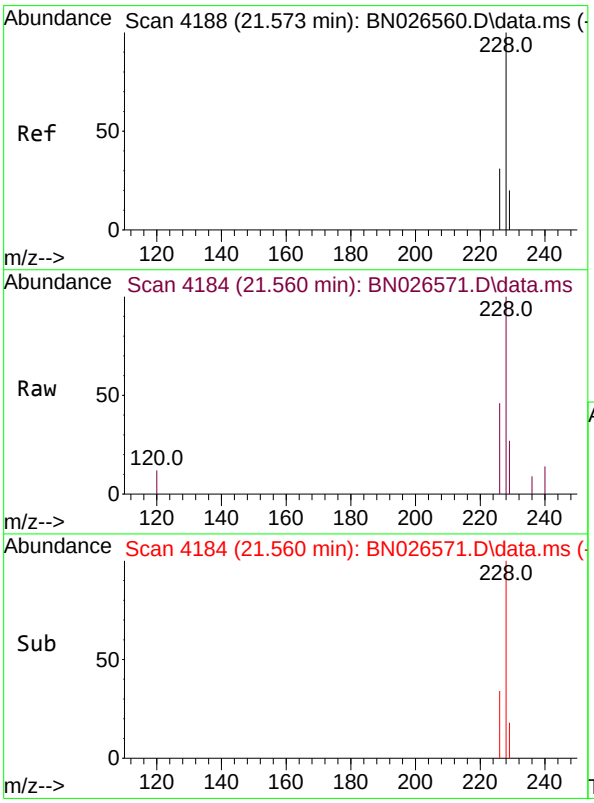
#21
Benzo(a)anthracene
Concen: 0.160 ng/ul
RT: 21.508 min Scan# 4
Delta R.T. -0.013 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 6425

Ion	Ratio	Lower	Upper
228	100		
229	26.5	16.7	25.1#
226	37.1	23.5	35.3#

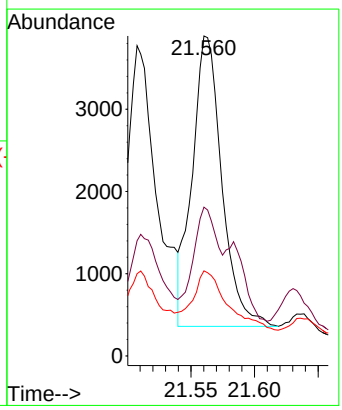


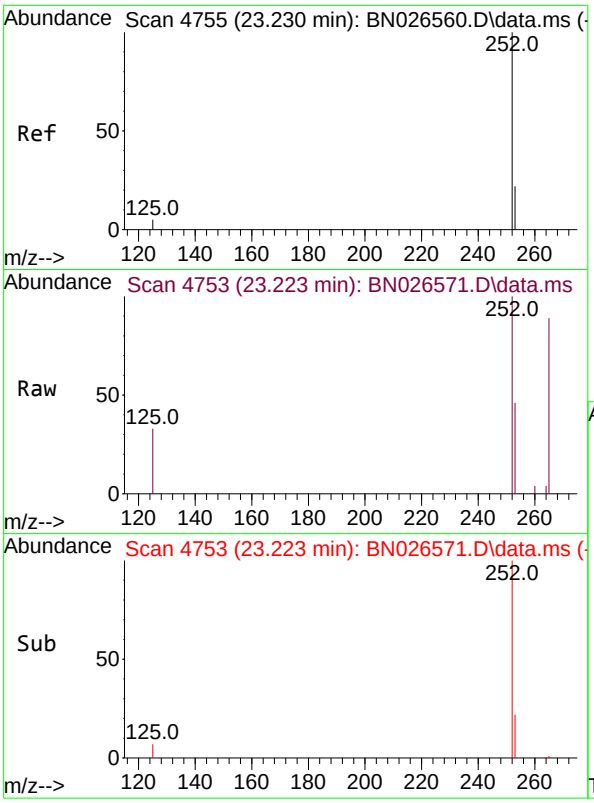


#22
Chrysene
Concen: 0.125 ng/ul
RT: 21.560 min Scan# 4184
Delta R.T. -0.013 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Tgt Ion:228 Resp: 5724

Ion	Ratio	Lower	Upper
228	100		
226	46.5	25.2	37.8#
229	26.6	16.4	24.6#



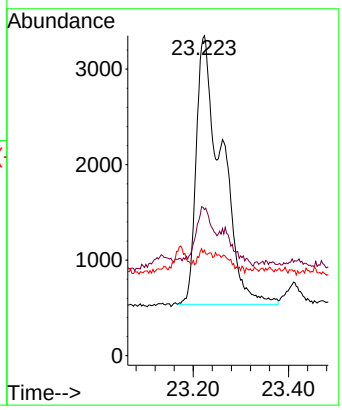


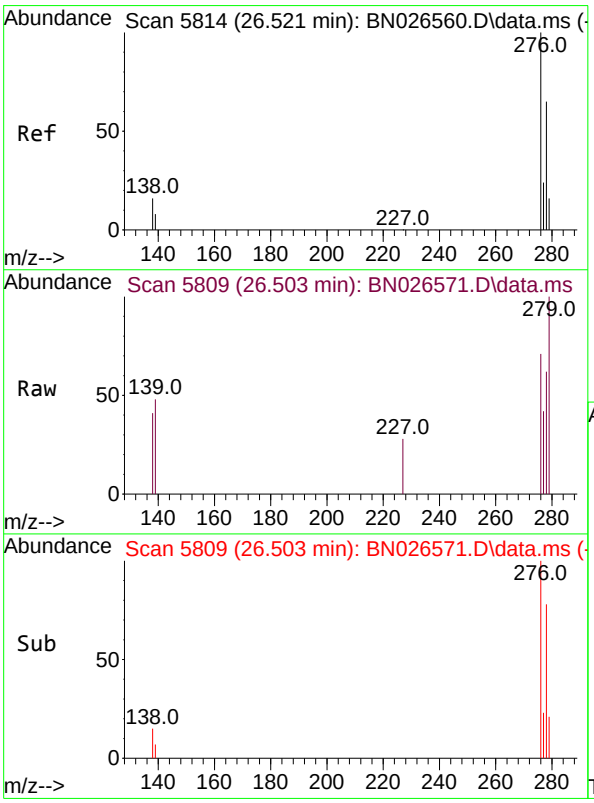
#24
Benzo(b)fluoranthene
Concen: 0.307 ng/ul
RT: 23.223 min Scan# 4
Delta R.T. -0.007 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10425

Ion	Ratio	Lower	Upper
252	100		
253	45.6	0.0	68.6
125	33.0	0.0	34.0

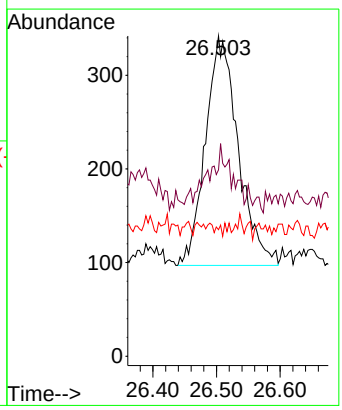


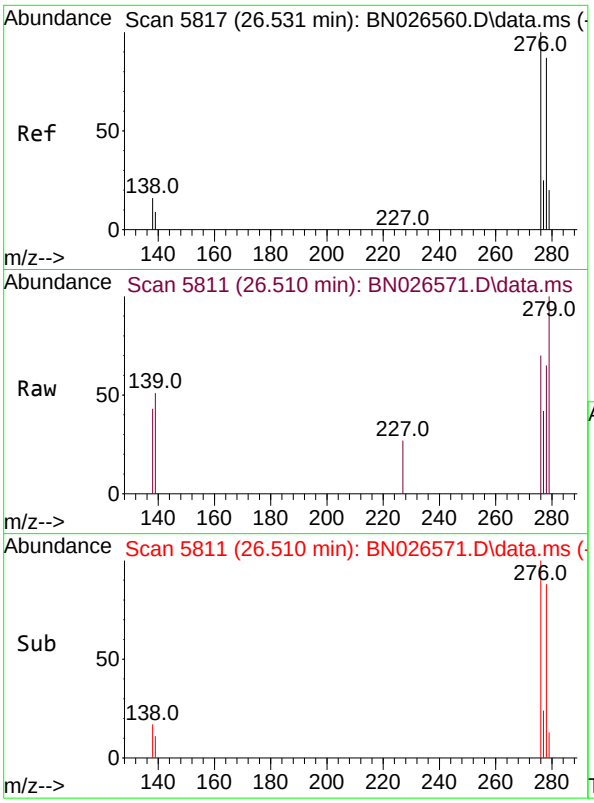


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul
RT: 26.503 min Scan# 5809
Delta R.T. -0.018 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Tgt Ion:276 Resp: 876

Ion	Ratio	Lower	Upper
276	100		
138	9.9	22.2	33.4#
227	1.0	0.1	0.1#





#28
Dibenzo(a,h)anthracene
Concen: 0.029 ng/ul
RT: 26.510 min Scan# 5
Delta R.T. -0.021 min
Lab File: BN026571.D
Acq: 18 Jul 2023 19:14

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 886

Ion	Ratio	Lower	Upper
278	100		
139	77.5	18.9	28.3#
279	153.0	31.3	46.9#