Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
Data File : BN026553.D
Acq On : 18 Jul 2023 01:12
Operator : MA/JU
Sample : 03458-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46M5

Quant Time: Jul 18 04:23:55 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 : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration

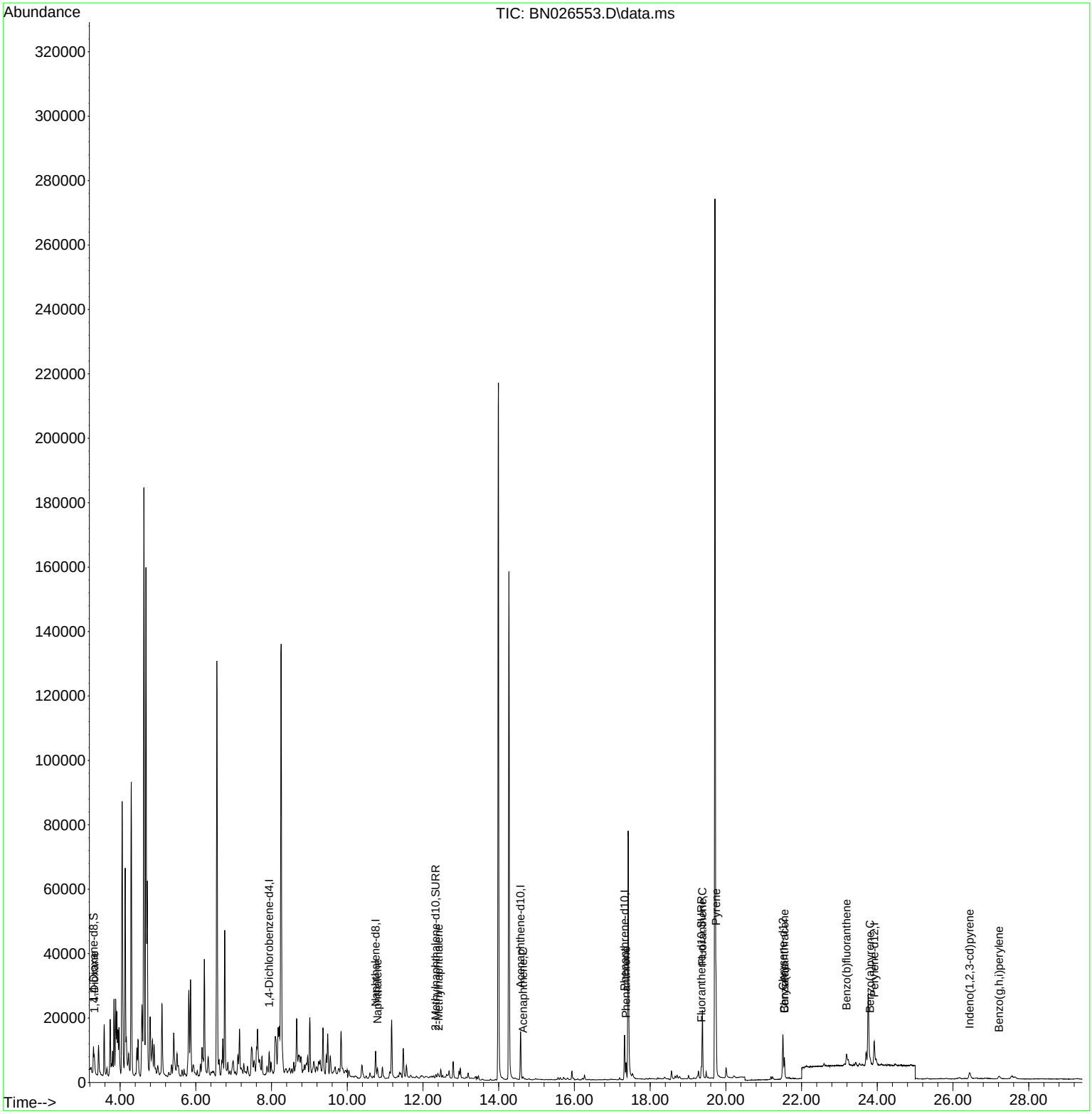
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.938	152	4243	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.748	136	13036	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.579	164	8598	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.326	188	18966	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.508	240	13753	0.400	ng/ul	#-0.01
23) Perylene-d12	23.919	264	10749	0.400	ng/ul	#-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.297	96	5374	0.962	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.337	152	1501	0.085	ng/ul	-0.01
18) Fluoranthene-d10	19.353	212	4118	0.086	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.322	88	853	0.161	ng/ul#	1
5) Naphthalene	10.797	128	4456	0.124	ng/ul	96
7) 2-Methylnaphthalene	12.414	142	484	0.024	ng/ul	97
11) Acenaphthene	14.644	153	918	0.029	ng/ul	97
15) Phenanthrene	17.364	178	5512	0.091	ng/ul	97
19) Fluoranthene	19.381	202	19622	0.304	ng/ul#	96
20) Pyrene	19.739	202	25900	0.370	ng/ul	98
21) Benzo(a)anthracene	21.546	228	7061	0.140	ng/ul	94
22) Chrysene	21.546	228	6937	0.121	ng/ul	96
24) Benzo(b)fluoranthene	23.188	252	9265	0.221	ng/ul	77
26) Benzo(a)pyrene	23.808	252	2364	0.063	ng/ul#	50
27) Indeno(1,2,3-cd)pyrene	26.436	276	4378	0.090	ng/ul#	77
29) Benzo(g,h,i)perylene	27.218	276	2049	0.048	ng/ul#	81

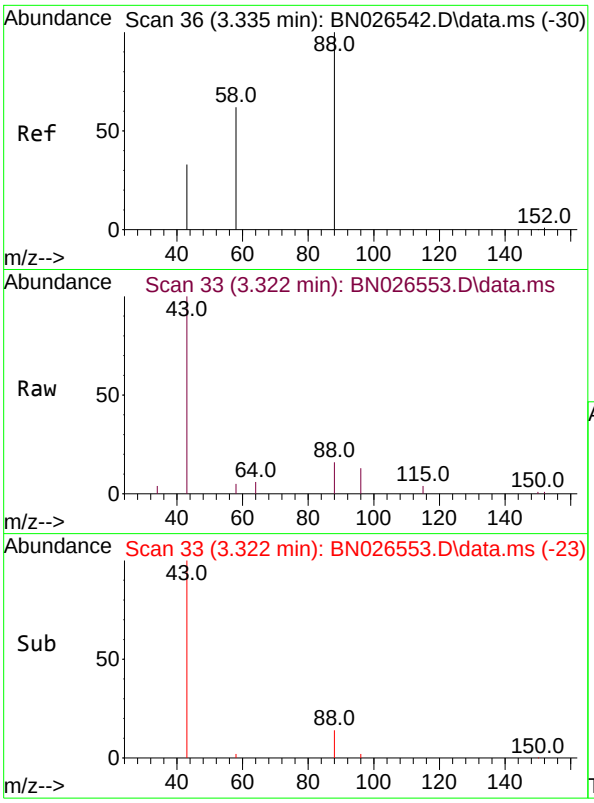
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071723\
Data File : BN026553.D
Acq On : 18 Jul 2023 01:12
Operator : MA/JU
Sample : 03458-12
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A46M5

Quant Time: Jul 18 04:23:55 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 : Mon Jul 17 17:14:21 2023
Response via : Initial Calibration



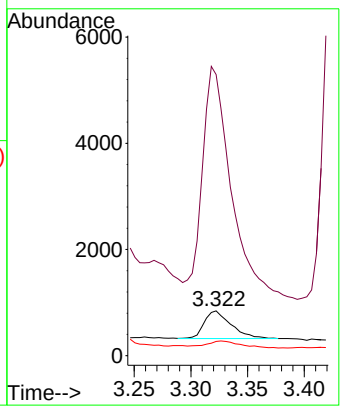


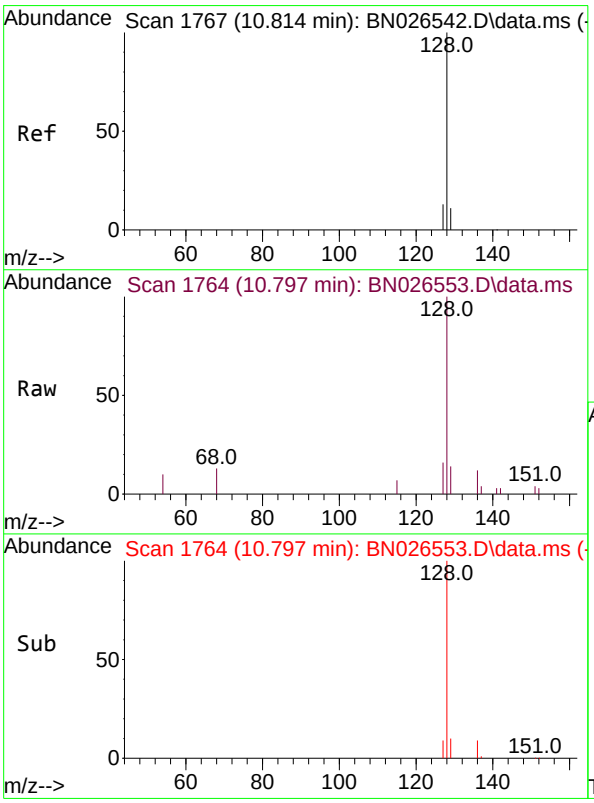
#2
1,4-Dioxane
Concen: 0.161 ng/ul
RT: 3.322 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

Instrument :
BNA_N
ClientSampleId :
A46M5

Tgt Ion: 88 Resp: 853

Ion	Ratio	Lower	Upper
88	100		
43	628.2	33.0	49.6#
58	31.7	41.7	62.5#

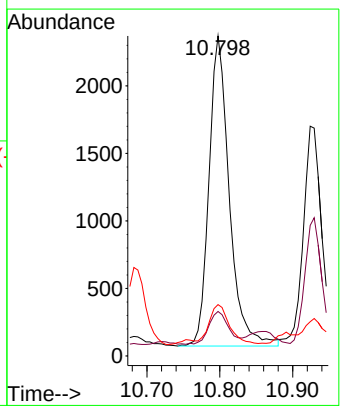


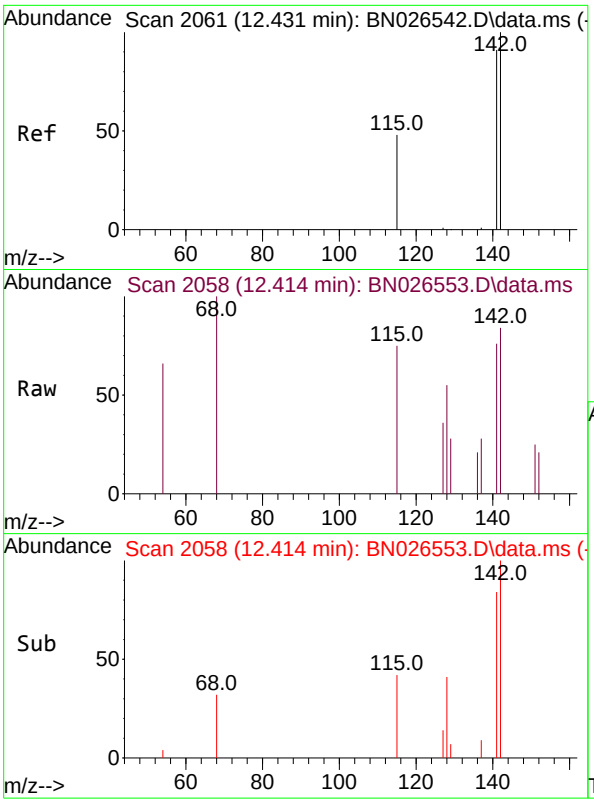


#5
Naphthalene
Concen: 0.124 ng/ul
RT: 10.797 min Scan# 1764
Delta R.T. -0.000 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

Tgt Ion:128 Resp: 4456

Ion	Ratio	Lower	Upper
128	100		
129	13.9	10.2	15.2
127	16.0	11.4	17.0



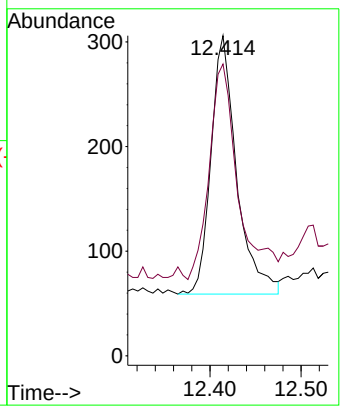


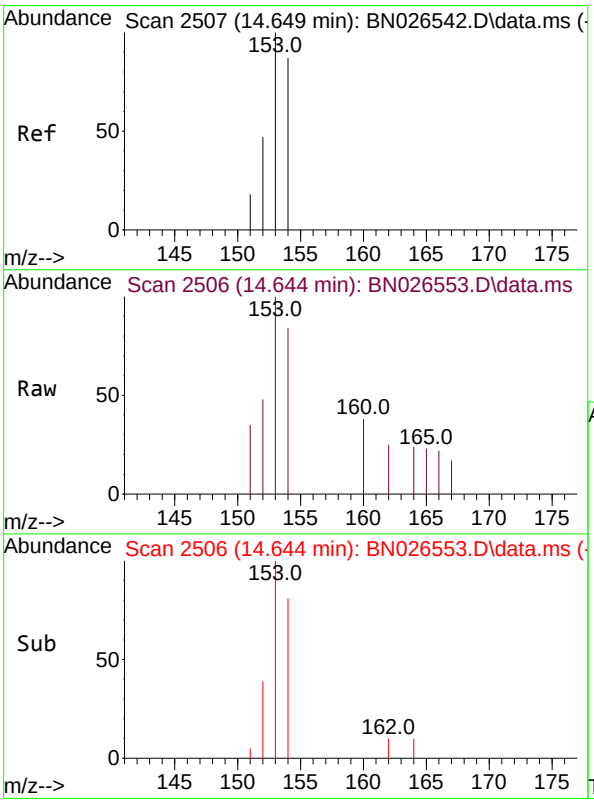
#7
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 12.414 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

Instrument :
BNA_N
ClientSampleId :
A46M5

Tgt Ion:142 Resp: 484

Ion	Ratio	Lower	Upper
142	100		
141	93.2	72.3	108.5

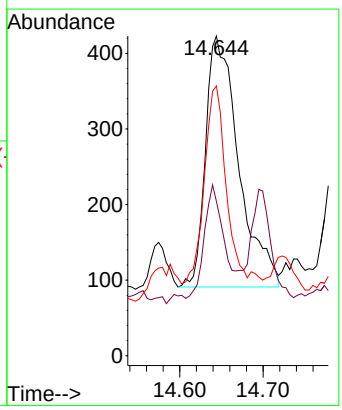


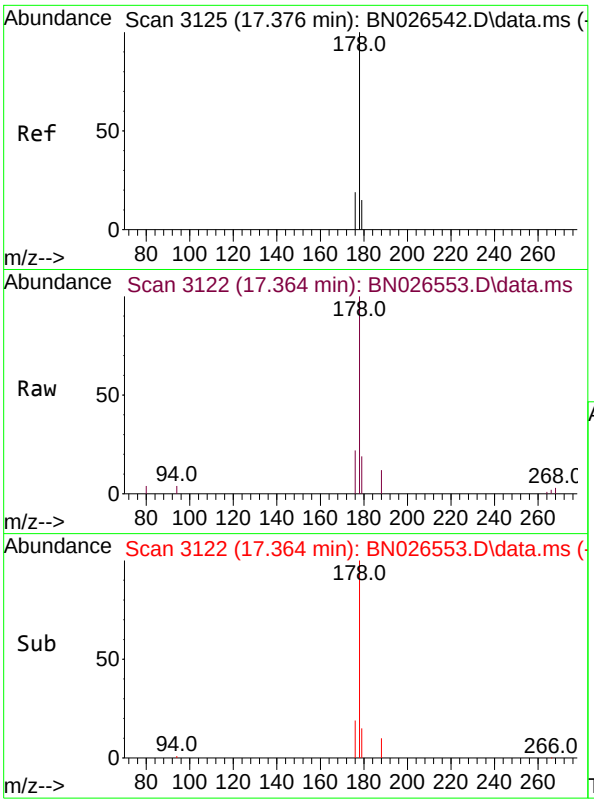


#11
Acenaphthene
Concen: 0.029 ng/ul
RT: 14.644 min Scan# 2506
Delta R.T. 0.004 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

Tgt Ion:153 Resp: 918

Ion	Ratio	Lower	Upper
153	100		
152	48.2	40.2	60.4
154	84.4	69.3	103.9



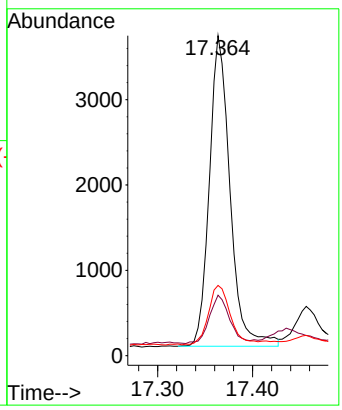


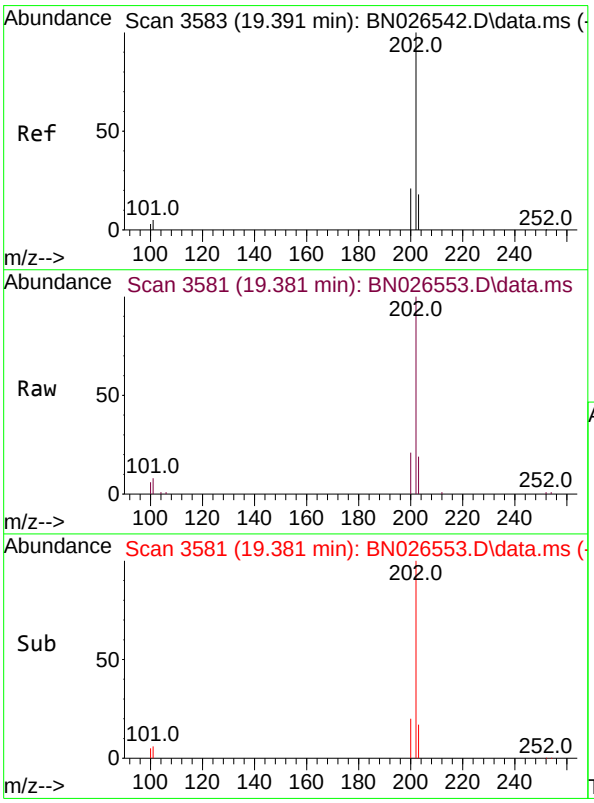
#15
Phenanthrene
Concen: 0.091 ng/ul
RT: 17.364 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

Instrument :
BNA_N
ClientSampleId :
A46M5

Tgt Ion:178 Resp: 5512

Ion	Ratio	Lower	Upper
178	100		
179	18.9	13.7	20.5
176	21.9	16.5	24.7

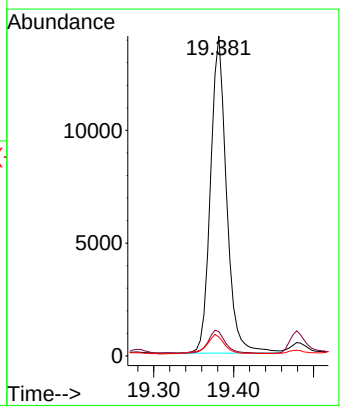


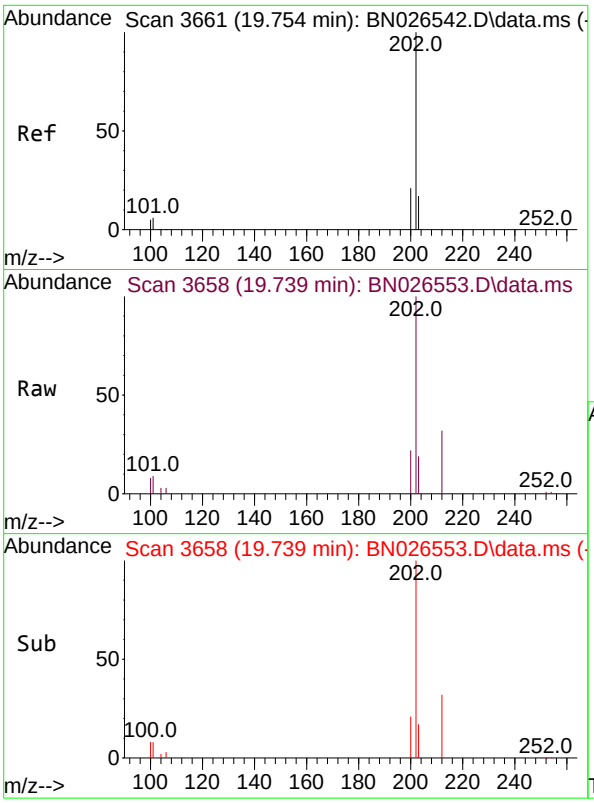


#19
Fluoranthene
Concen: 0.304 ng/ul
RT: 19.381 min Scan# 3581
Delta R.T. -0.005 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

Tgt Ion:202 Resp: 19622

Ion	Ratio	Lower	Upper
202	100		
101	7.6	7.0	10.4
100	5.9	6.0	9.0#



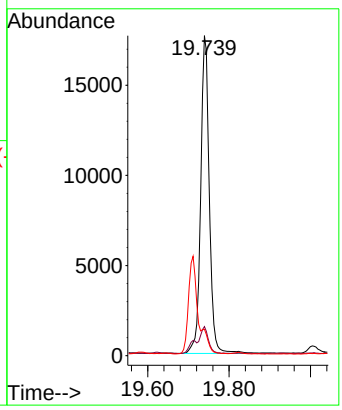


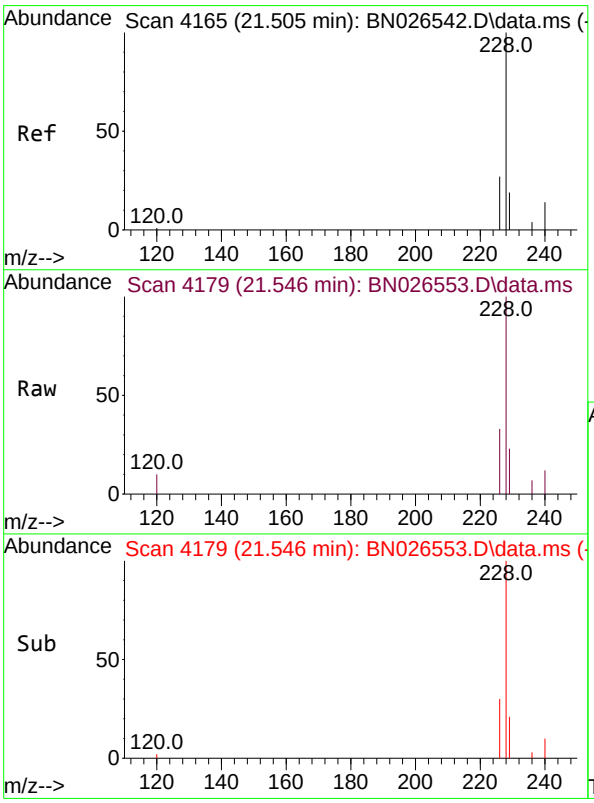
#20
Pyrene
Concen: 0.370 ng/ul
RT: 19.739 min Scan# 3
Delta R.T. -0.010 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

Instrument :
BNA_N
ClientSampleId :
A46M5

Tgt Ion:202 Resp: 25900

Ion	Ratio	Lower	Upper
202	100		
101	9.1	8.0	12.0
100	8.2	6.2	9.2

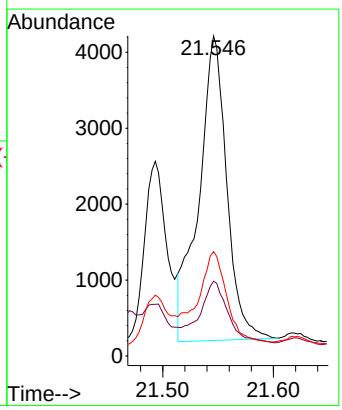


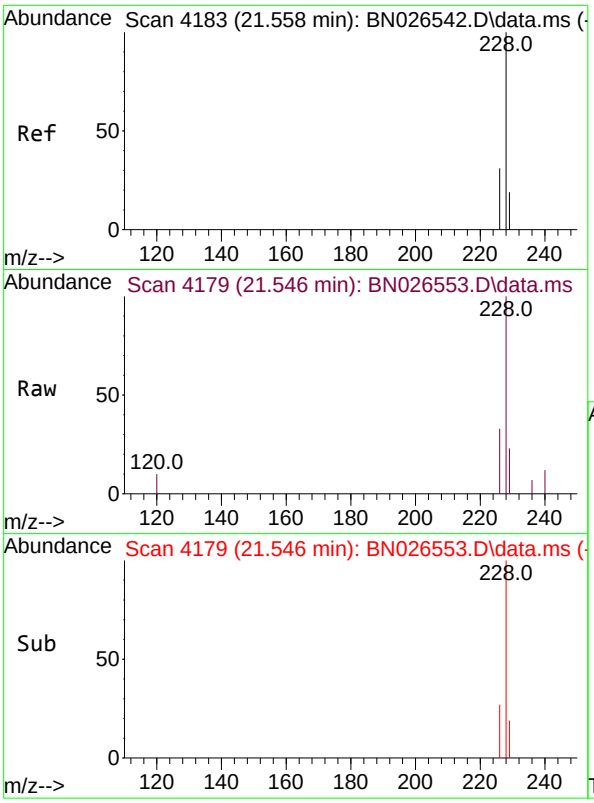


#21
Benzo(a)anthracene
Concen: 0.140 ng/ul
RT: 21.546 min Scan# 4179
Delta R.T. 0.043 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

Tgt Ion:228 Resp: 7061

Ion	Ratio	Lower	Upper
228	100		
229	23.4	16.7	25.1
226	32.6	23.5	35.3



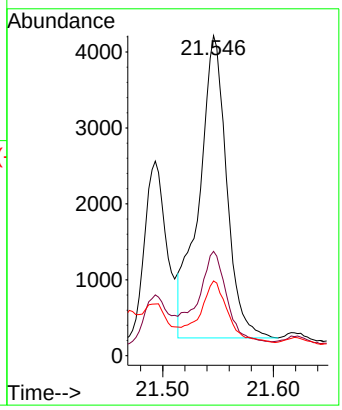


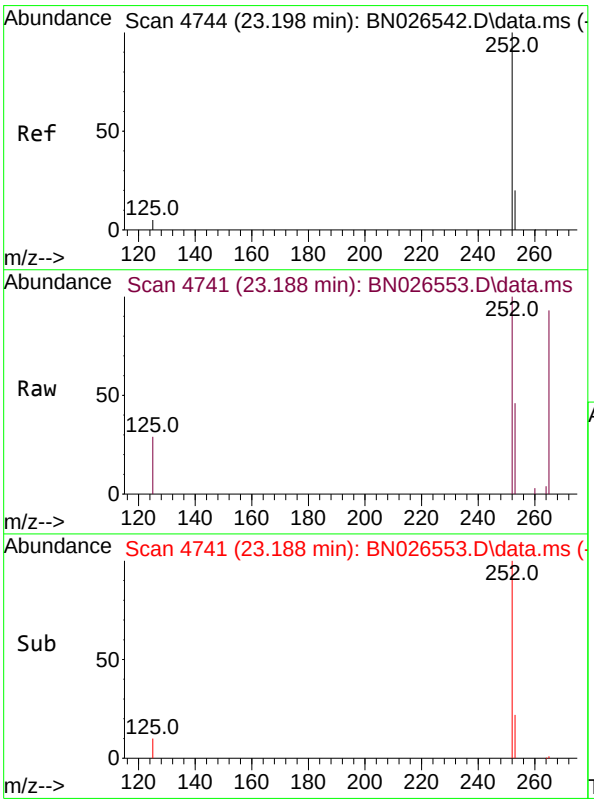
#22
Chrysene
Concen: 0.121 ng/ul
RT: 21.546 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

Instrument :
BNA_N
ClientSampleId :
A46M5

Tgt Ion:228 Resp: 6937

Ion	Ratio	Lower	Upper
228	100		
226	32.6	25.2	37.8
229	23.4	16.4	24.6

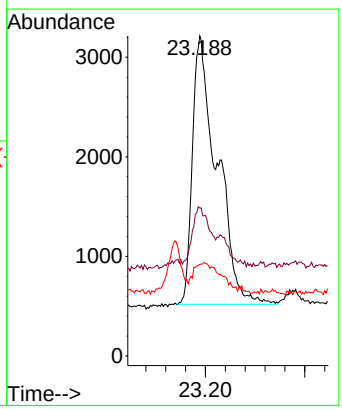


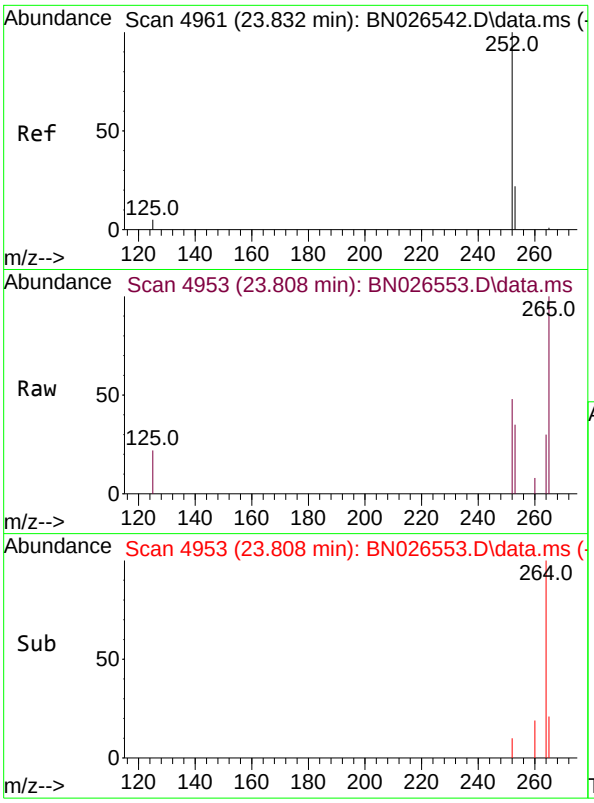


#24
Benzo(b)fluoranthene
Concen: 0.221 ng/ul
RT: 23.188 min Scan# 4741
Delta R.T. -0.006 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

Tgt Ion:252 Resp: 9265

Ion	Ratio	Lower	Upper
252	100		
253	46.2	0.0	68.6
125	28.7	0.0	34.0



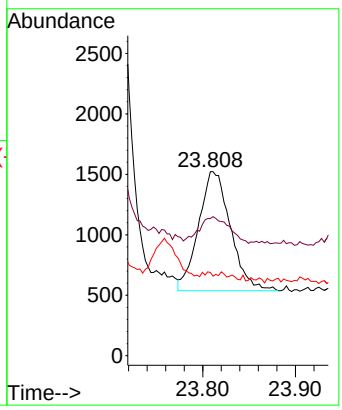


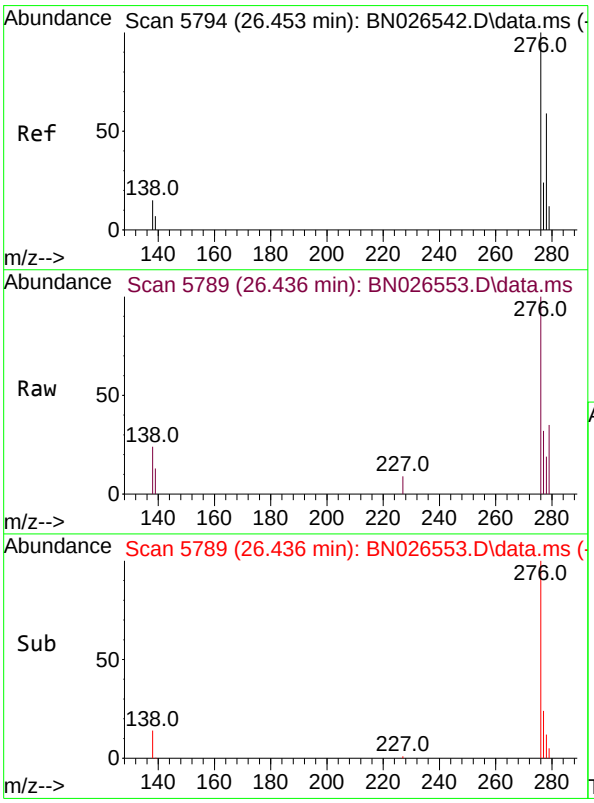
#26
Benzo(a)pyrene
Concen: 0.063 ng/ul
RT: 23.808 min Scan# 4
Delta R.T. -0.018 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

Instrument :
BNA_N
ClientSampleId :
A46M5

Tgt Ion:252 Resp: 2364

Ion	Ratio	Lower	Upper
252	100		
253	74.5	32.6	49.0#
125	45.2	19.3	28.9#

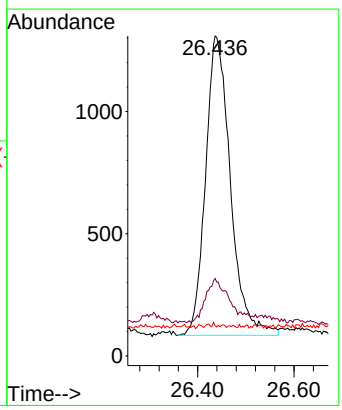


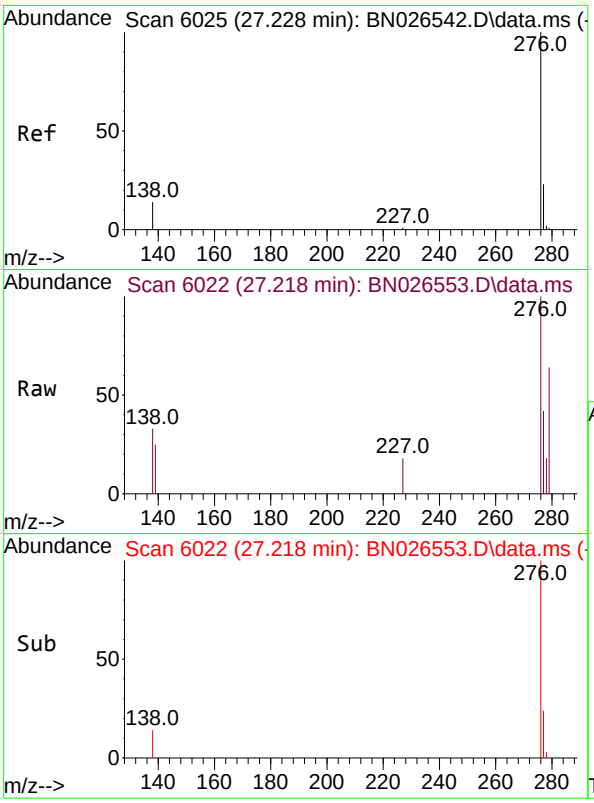


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.090 ng/ul
RT: 26.436 min Scan# 5789
Delta R.T. -0.017 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

Tgt Ion:276 Resp: 4378

Ion	Ratio	Lower	Upper
276	100		
138	15.5	22.2	33.4#
227	0.1	0.1	0.1





#29
Benzo(g,h,i)perylene
Concen: 0.048 ng/ul
RT: 27.218 min Scan# 6
Delta R.T. -0.007 min
Lab File: BN026553.D
Acq: 18 Jul 2023 01:12

Instrument :
BNA_N
ClientSampleId :
A46M5

Tgt Ion:276 Resp: 2049

Ion	Ratio	Lower	Upper
276	100		
138	33.1	22.6	34.0
277	42.3	21.8	32.8#