Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071923\
Data File : BN026596.D
Acq On : 19 Jul 2023 13:24
Operator : MA/JU
Sample : 03606-03
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD

Quant Time: Jul 19 14:35:12 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 09:49:57 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	2615	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.737	136	8014	0.400	ng/ul	#-0.01
9) Acenaphthene-d10	14.571	164	5384	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.323	188	12367	0.400	ng/ul	-0.01
17) Chrysene-d12	21.524	240	11566	0.400	ng/ul	# 0.00
23) Perylene-d12	23.962	264	12414	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.327	152	3769	0.346	ng/ul	-0.02
18) Fluoranthene-d10	19.355	212	12462	0.311	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	12703	3.898	ng/ul#	82
5) Naphthalene	10.787	128	623	0.028	ng/ul#	60
7) 2-Methylnaphthalene	12.404	142	189	0.015	ng/ul	89
8) 1-Methylnaphthalene	12.624	142	163	0.012	ng/ul#	79
10) Acenaphthylene	14.298	152	165	0.006	ng/ul#	1
11) Acenaphthene	14.650	153	236	0.012	ng/ul#	70
12) Fluorene	15.626	166	120	0.006	ng/ul#	64
14) Pentachlorophenol	16.993	266	23	0.007	ng/ul#	67
15) Phenanthrene	17.365	178	970	0.025	ng/ul#	73
16) Anthracene	17.458	178	192	0.006	ng/ul#	15
19) Fluoranthene	19.388	202	1099	0.020	ng/ul#	41
20) Pyrene	19.750	202	720	0.012	ng/ul#	39
21) Benzo(a)anthracene	21.509	228	440	0.010	ng/ul#	31
22) Chrysene	21.565	228	482	0.010	ng/ul#	42
24) Benzo(b)fluoranthene	23.222	252	415	0.009	ng/ul#	1
25) Benzo(k)fluoranthene	23.272	252	190	0.004	ng/ul#	1
26) Benzo(a)pyrene	23.851	252	121	0.003	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.518	276	260	0.005	ng/ul#	49
28) Dibenzo(a,h)anthracene	26.522	278	169	0.004	ng/ul#	1
29) Benzo(g,h,i)perylene	27.293	276	210	0.004	ng/ul#	1

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071923\
Data File : BN026596.D
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GWBR-04-293-308-071223-FD

Quant Time: Jul 19 14:35:12 2023
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 09:49:57 2023
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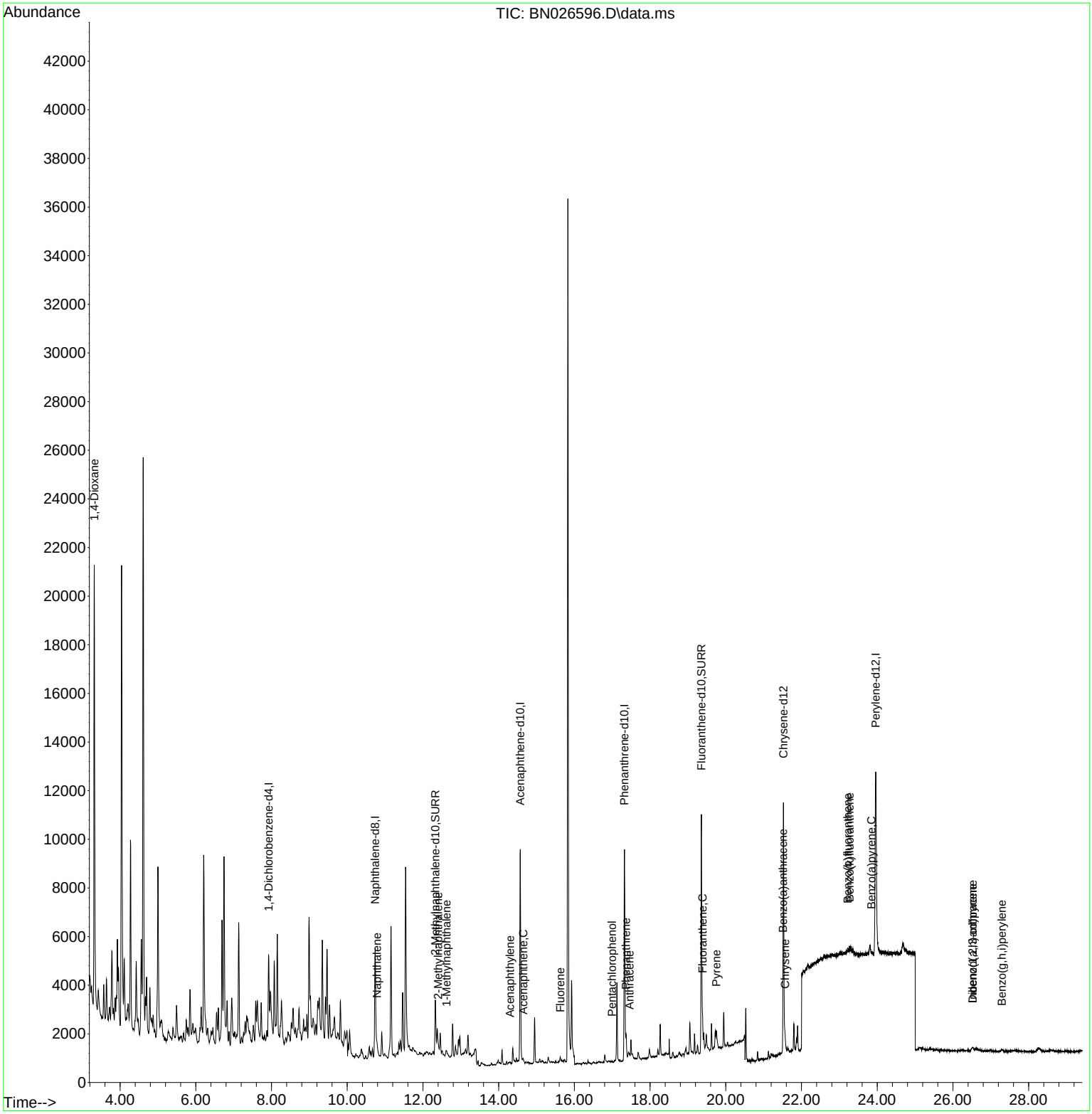
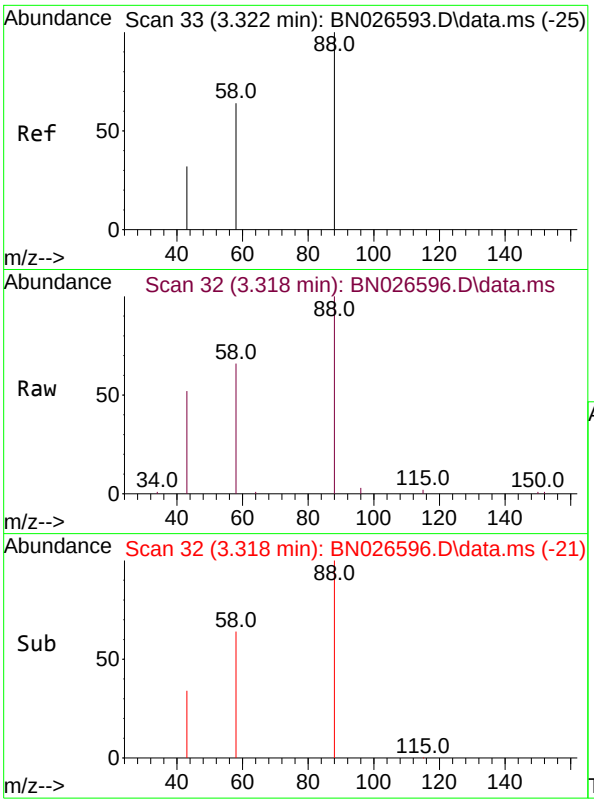


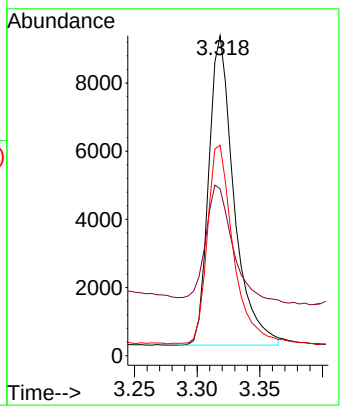


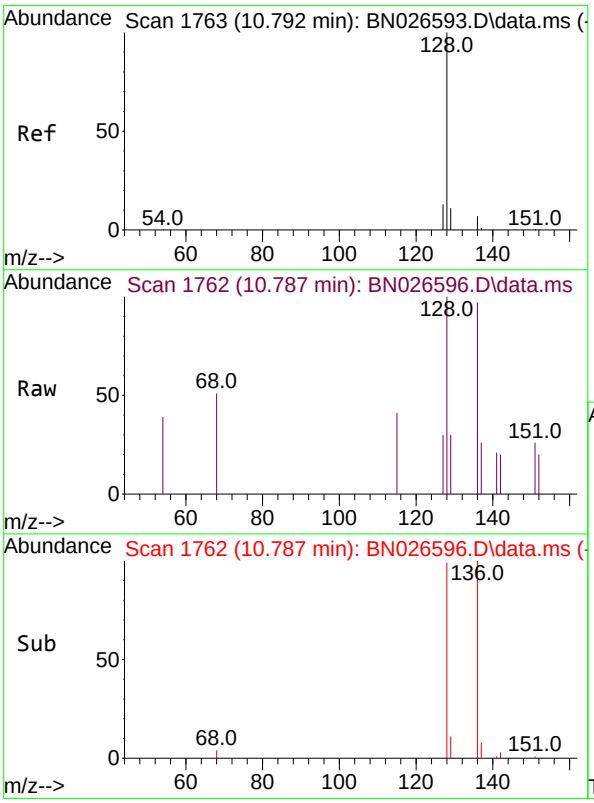
#2
1,4-Dioxane
Concen: 3.898 ng/ul
RT: 3.318 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD

Tgt Ion: 88 Resp: 12703

Ion	Ratio	Lower	Upper
88	100		
43	52.1	33.0	49.6#
58	65.8	41.7	62.5#

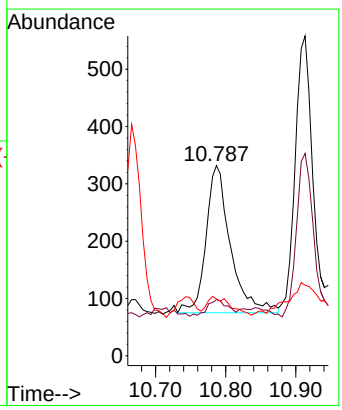


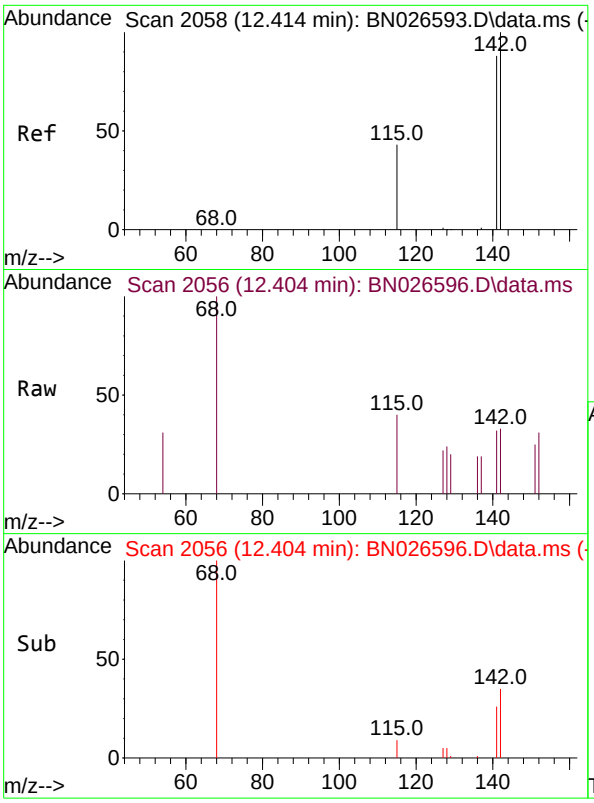


#5
Naphthalene
Concen: 0.028 ng/ul
RT: 10.787 min Scan# 1762
Delta R.T. -0.011 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Tgt Ion:128 Resp: 623

Ion	Ratio	Lower	Upper
128	100		
129	29.5	10.2	15.2#
127	29.8	11.4	17.0#



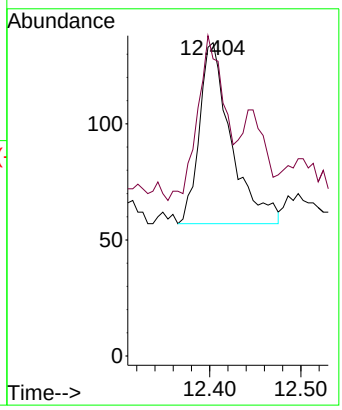


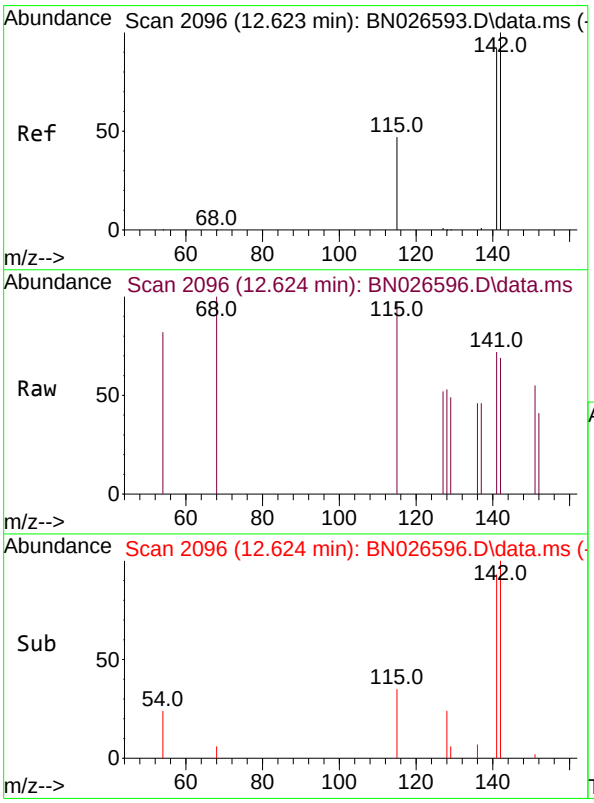
#7
2-Methylnaphthalene
Concen: 0.015 ng/ul
RT: 12.404 min Scan# 2
Delta R.T. -0.016 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD

Tgt Ion:142 Resp: 189

Ion	Ratio	Lower	Upper
142	100		
141	80.4	72.3	108.5

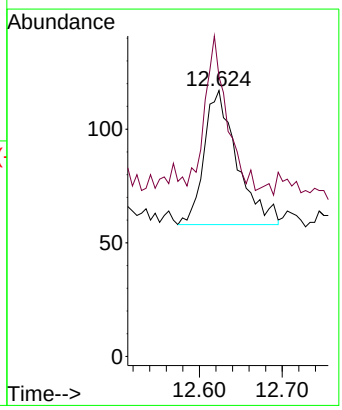


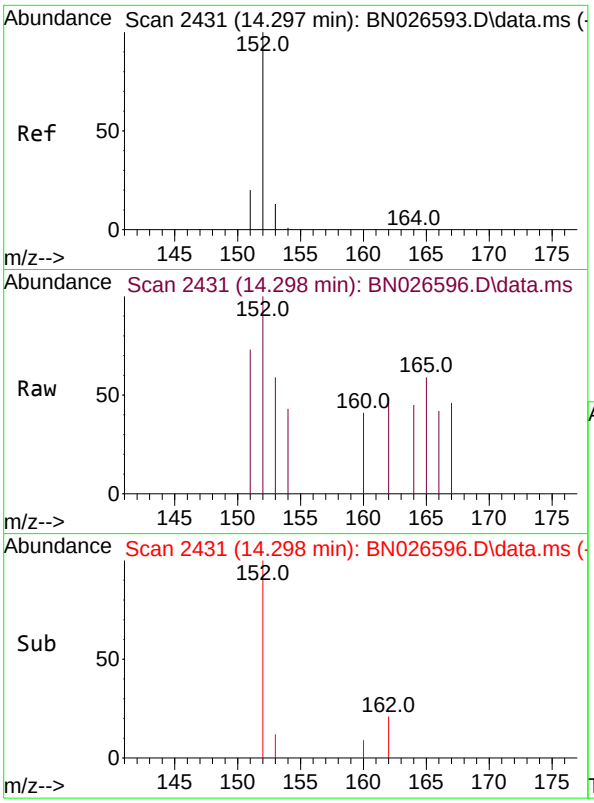


#8
1-Methylnaphthalene
Concen: 0.012 ng/ul
RT: 12.624 min Scan# 2096
Delta R.T. -0.005 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Tgt Ion:142 Resp: 163

Ion	Ratio	Lower	Upper
142	100		
141	73.0	74.5	111.7#



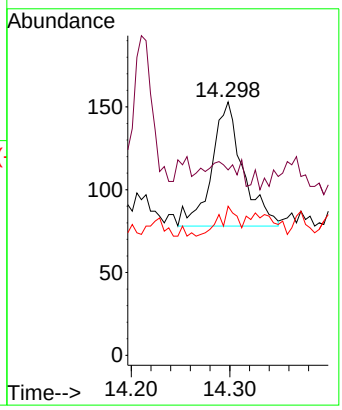


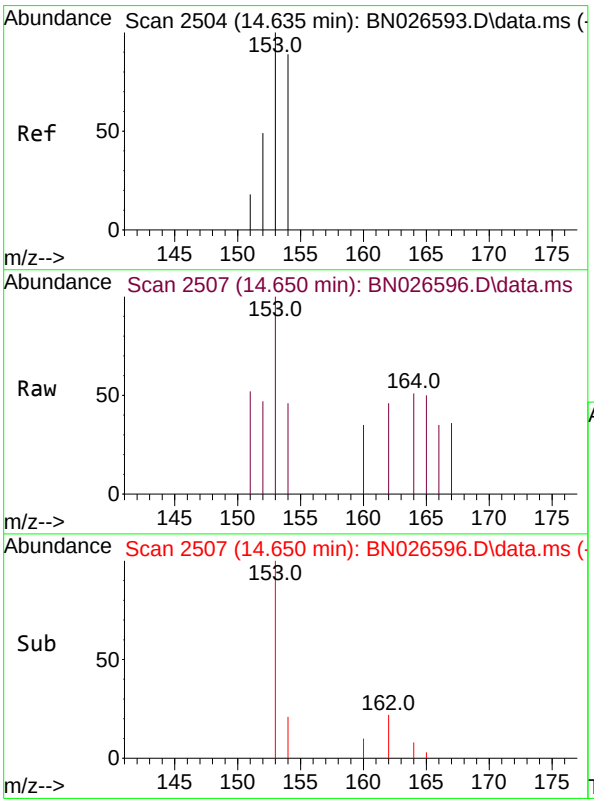
#10
Acenaphthylene
Concen: 0.006 ng/ul
RT: 14.298 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD

Tgt Ion:152 Resp: 165

Ion	Ratio	Lower	Upper
152	100		
151	73.2	17.0	25.6#
153	58.8	11.4	17.2#

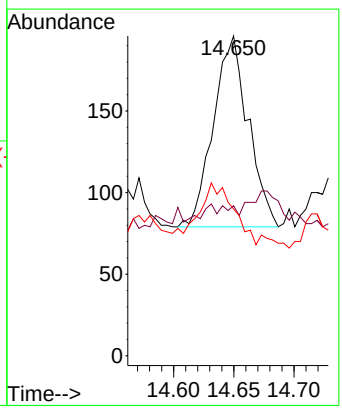


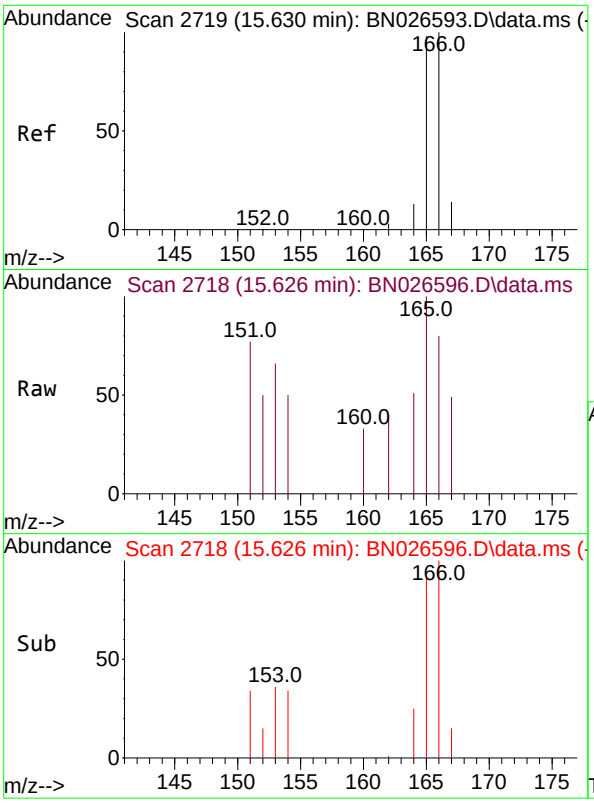


#11
Acenaphthene
Concen: 0.012 ng/ul
RT: 14.650 min Scan# 2507
Delta R.T. 0.010 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Tgt Ion:153 Resp: 236

Ion	Ratio	Lower	Upper
153	100		
152	46.9	40.2	60.4
154	45.9	69.3	103.9#



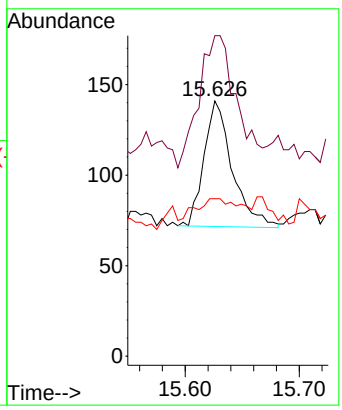


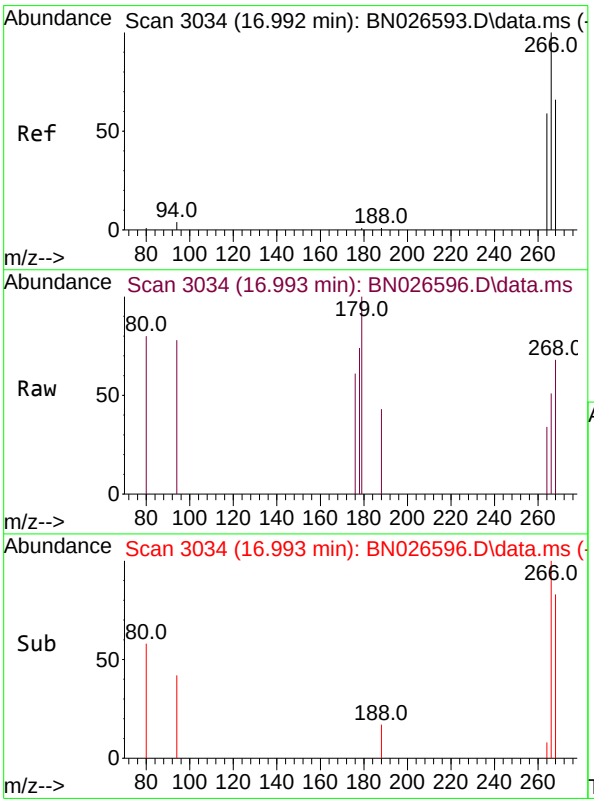
#12
Fluorene
Concen: 0.006 ng/ul
RT: 15.626 min Scan# 2
Delta R.T. -0.013 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD

Tgt Ion:166 Resp: 120

Ion	Ratio	Lower	Upper
166	100		
165	125.5	80.6	120.8#
167	61.7	12.0	18.0#

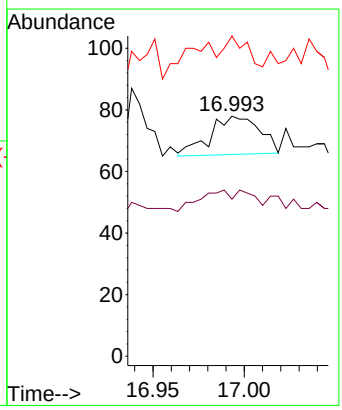


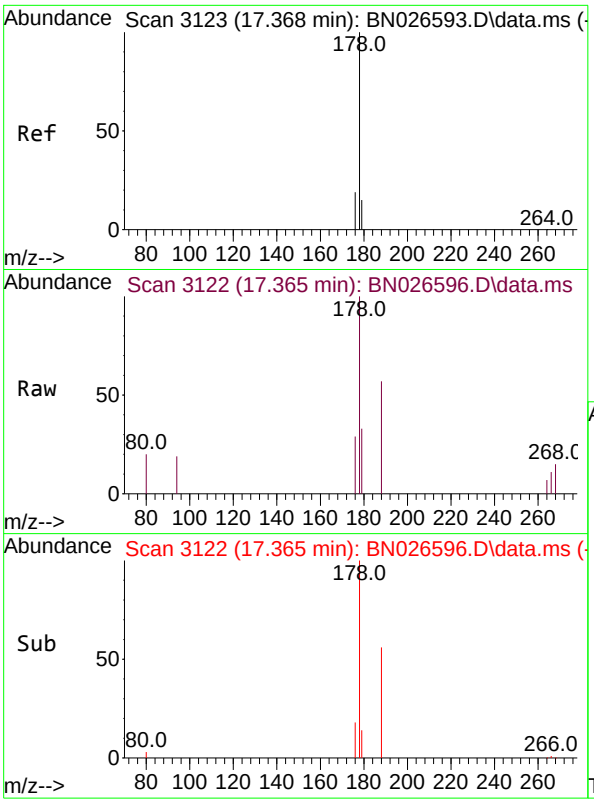


#14
Pentachlorophenol
Concen: 0.007 ng/ul
RT: 16.993 min Scan# 3034
Delta R.T. -0.007 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Tgt Ion:266 Resp: 23

Ion	Ratio	Lower	Upper
266	100		
264	34.8	52.0	78.0#
268	43.5	53.0	79.6#



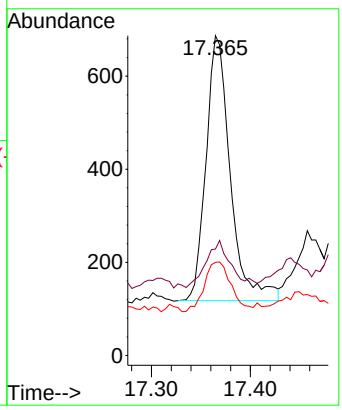


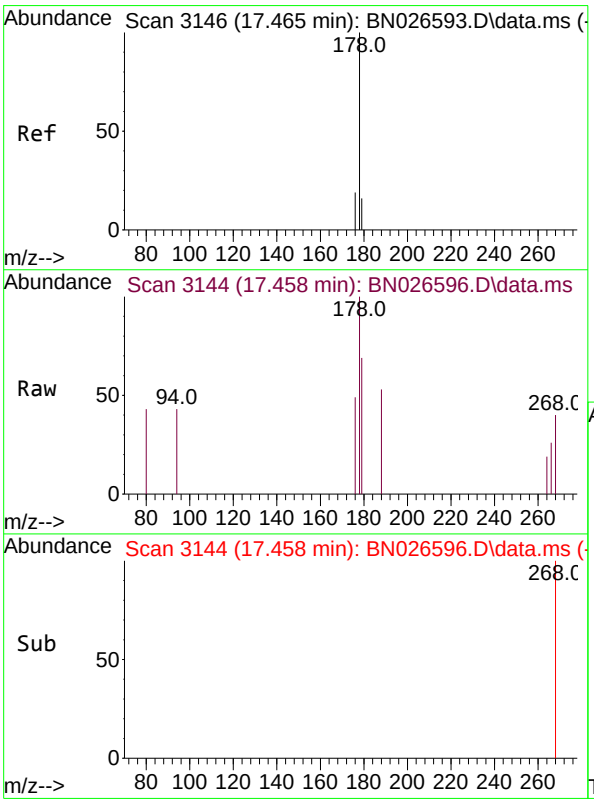
#15
Phenanthrene
Concen: 0.025 ng/ul
RT: 17.365 min Scan# 3
Delta R.T. -0.012 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD

Tgt Ion:178 Resp: 970

Ion	Ratio	Lower	Upper
178	100		
179	33.3	13.7	20.5#
176	29.1	16.5	24.7#

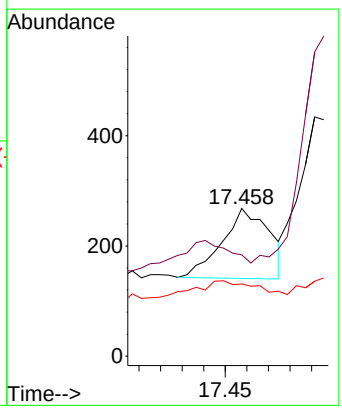


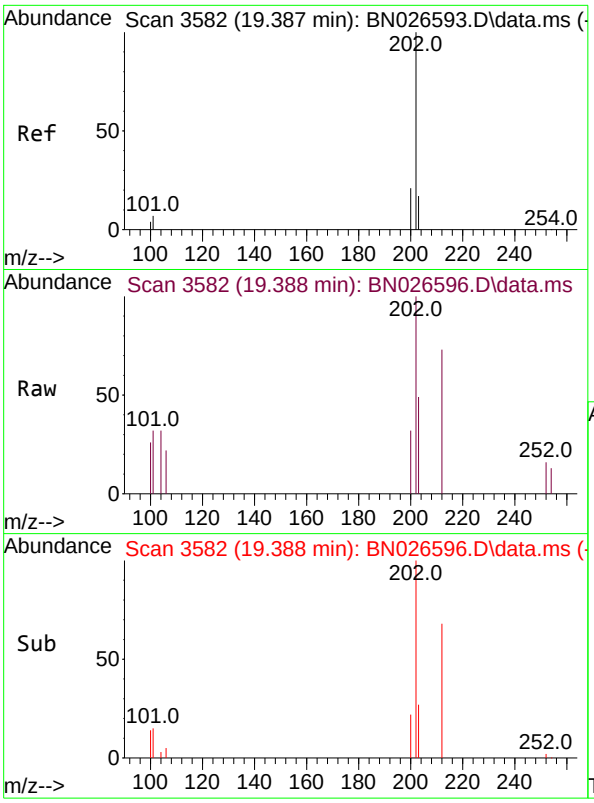


#16
Anthracene
Concen: 0.006 ng/ul
RT: 17.458 min Scan# 3144
Delta R.T. -0.016 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Tgt Ion:178 Resp: 192

Ion	Ratio	Lower	Upper
178	100		
179	68.7	14.8	22.2#
176	48.9	16.6	25.0#



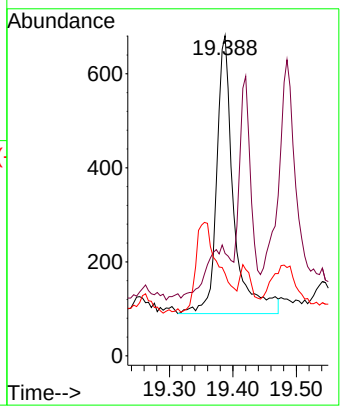


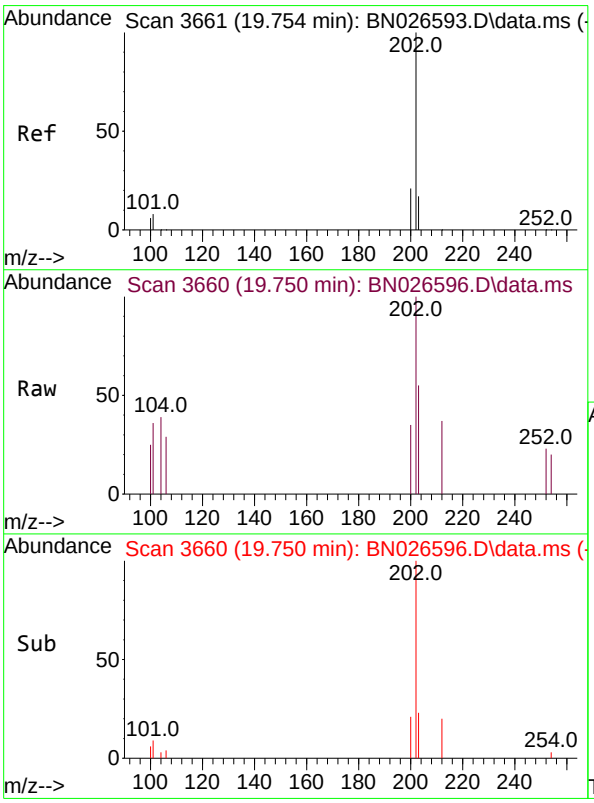
#19
Fluoranthene
Concen: 0.020 ng/ul
RT: 19.388 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD

Tgt Ion:202 Resp: 1099

Ion	Ratio	Lower	Upper
202	100		
101	32.0	7.0	10.4#
100	25.7	6.0	9.0#

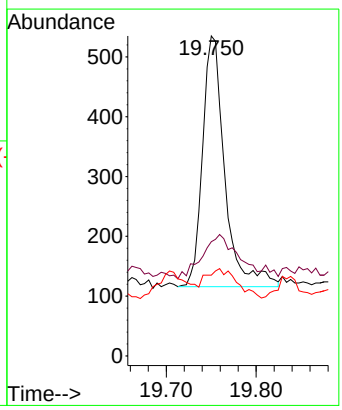


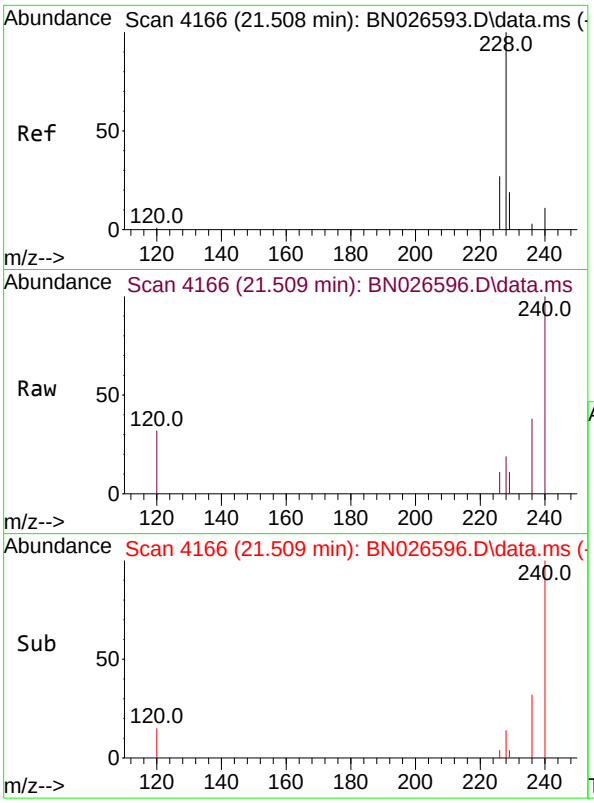


#20
Pyrene
Concen: 0.012 ng/ul
RT: 19.750 min Scan# 3660
Delta R.T. -0.003 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Tgt Ion:202 Resp: 720

Ion	Ratio	Lower	Upper
202	100		
101	35.7	8.0	12.0#
100	25.2	6.2	9.2#



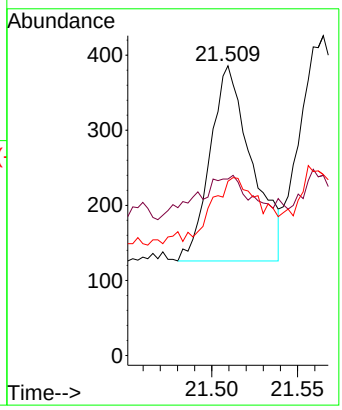


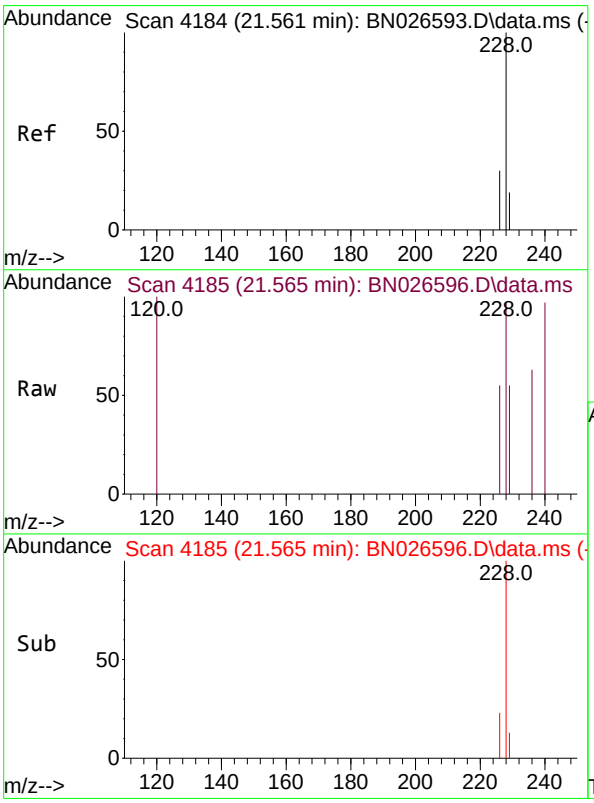
#21
Benzo(a)anthracene
Concen: 0.010 ng/ul
RT: 21.509 min Scan# 4
Delta R.T. 0.002 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD

Tgt Ion:228 Resp: 440

Ion	Ratio	Lower	Upper
228	100		
229	60.9	16.7	25.1#
226	60.1	23.5	35.3#

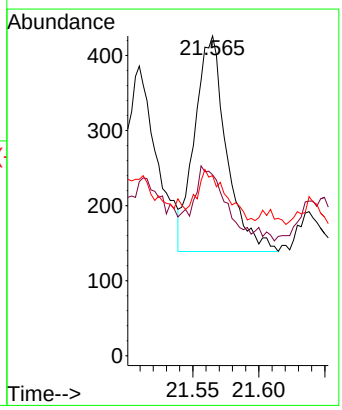


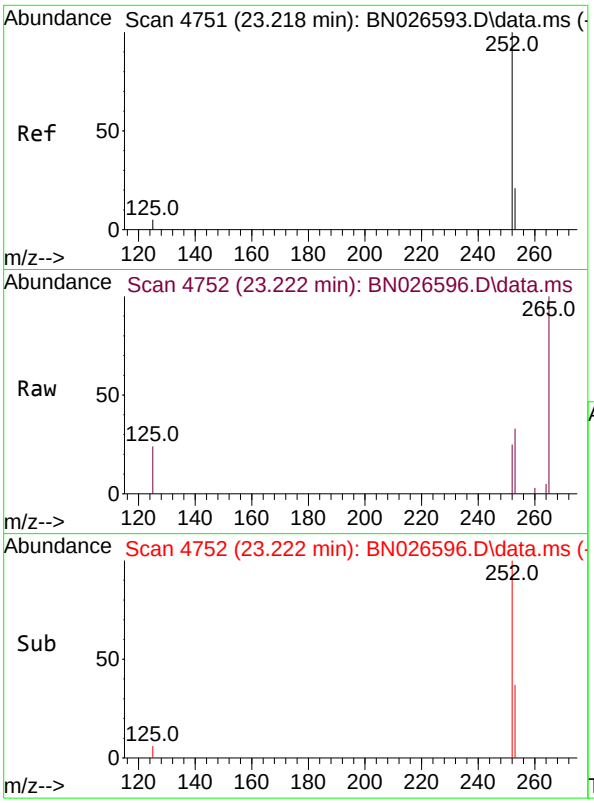


#22
Chrysene
Concen: 0.010 ng/ul
RT: 21.565 min Scan# 4185
Delta R.T. 0.004 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Tgt Ion:228 Resp: 482

Ion	Ratio	Lower	Upper
228	100		
226	56.6	25.2	37.8#
229	56.3	16.4	24.6#



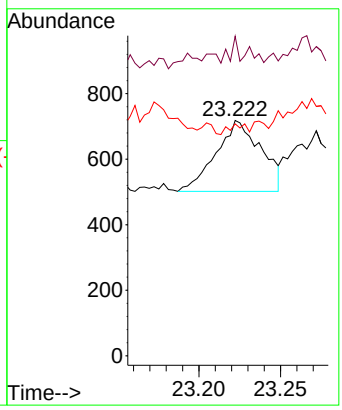


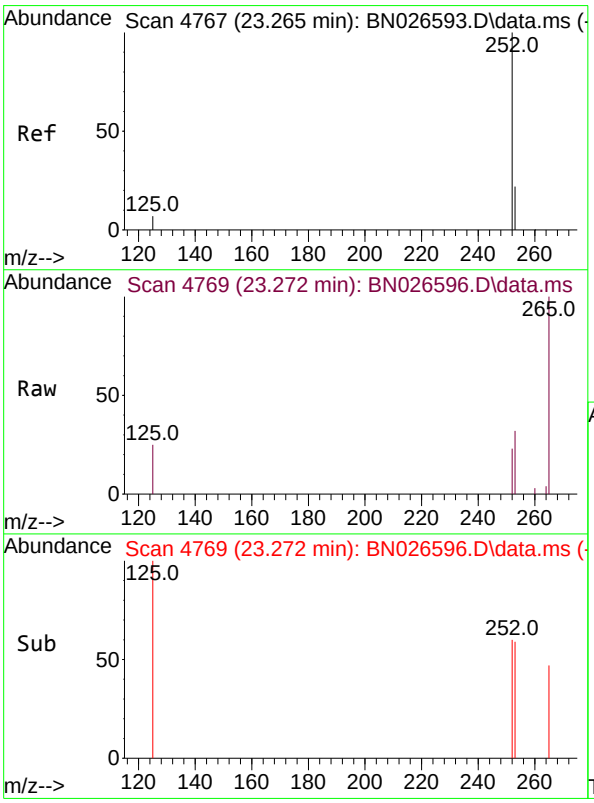
#24
Benzo(b)fluoranthene
Concen: 0.009 ng/ul
RT: 23.222 min Scan# 4
Delta R.T. 0.007 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD

Tgt Ion:252 Resp: 415

Ion	Ratio	Lower	Upper
252	100		
253	135.8	0.0	68.6#
125	98.6	0.0	34.0#

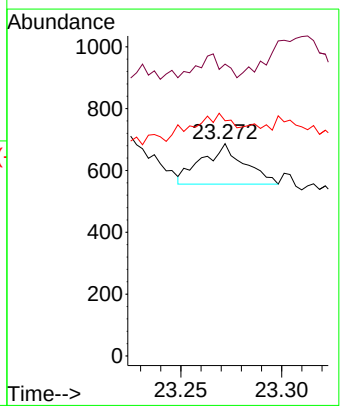


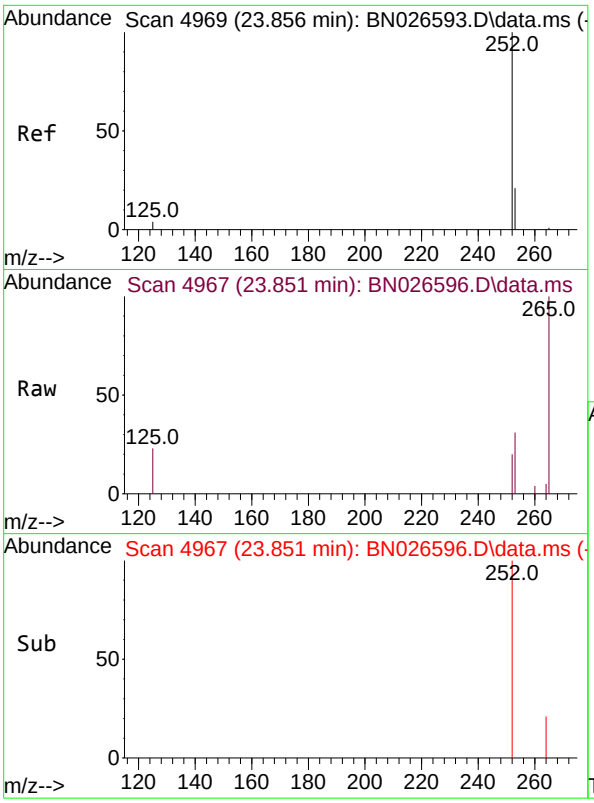


#25
Benzo(k)fluoranthene
Concen: 0.004 ng/ul
RT: 23.272 min Scan# 4769
Delta R.T. 0.007 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Tgt Ion:252 Resp: 190

Ion	Ratio	Lower	Upper
252	100		
253	137.4	27.2	40.8#
125	110.8	13.4	20.2#



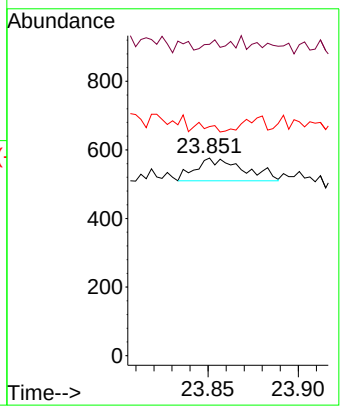


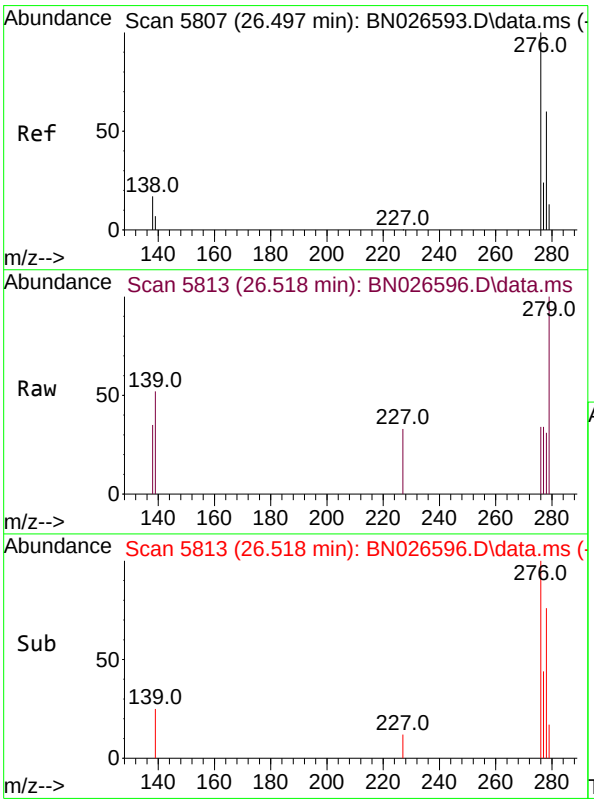
#26
Benzo(a)pyrene
Concen: 0.003 ng/ul
RT: 23.851 min Scan# 4
Delta R.T. -0.004 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD

Tgt Ion:252 Resp: 121

Ion	Ratio	Lower	Upper
252	100		
253	157.6	32.6	49.0#
125	116.0	19.3	28.9#

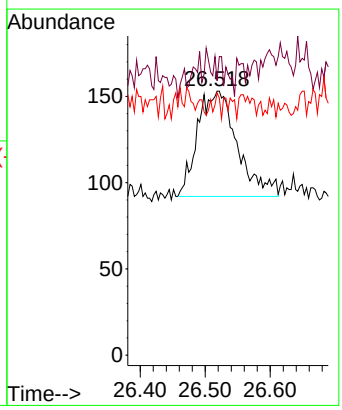


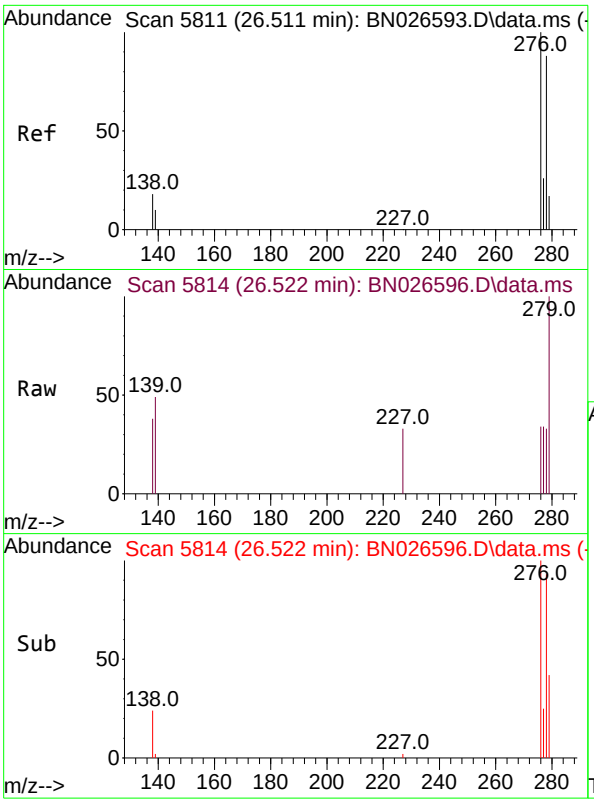


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.005 ng/ul
RT: 26.518 min Scan# 5813
Delta R.T. 0.018 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Tgt Ion:276 Resp: 260

Ion	Ratio	Lower	Upper
276	100		
138	1.2	22.2	33.4#
227	2.7	0.1	0.1#



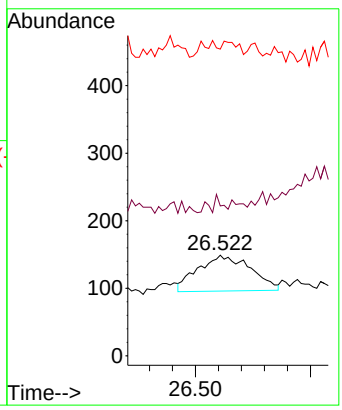


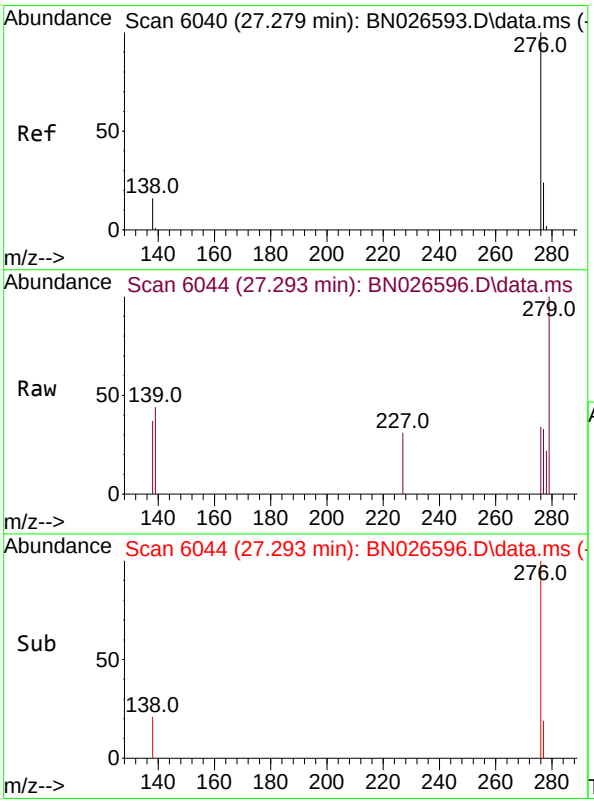
#28
Dibenzo(a,h)anthracene
Concen: 0.004 ng/ul
RT: 26.522 min Scan# 5
Delta R.T. 0.015 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Instrument :
BNA_N
ClientSampleId :
GWBR-04-293-308-071223-FD

Tgt Ion:278 Resp: 169

Ion	Ratio	Lower	Upper
278	100		
139	149.0	18.9	28.3#
279	304.7	31.3	46.9#





#29
Benzo(g,h,i)perylene
Concen: 0.004 ng/ul
RT: 27.293 min Scan# 6044
Delta R.T. 0.012 min
Lab File: BN026596.D
Acq: 19 Jul 2023 13:24

Tgt Ion:276 Resp: 210

Ion	Ratio	Lower	Upper
276	100		
138	109.9	22.6	34.0#
277	98.0	21.8	32.8#