Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071923\
Data File : BN026595.D
Acq On : 19 Jul 2023 12:47
Operator : MA/JU
Sample : 03606-02
Misc :
ALS Vial : 4 Sample Multiplier: 1

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

Quant Time: Jul 19 15:32:28 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 15:31:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.925	152	2799	0.400	ng/ul	-0.02
4) Naphthalene-d8	10.737	136	8284	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.571	164	5529	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.322	188	12965	0.400	ng/ul	0.00
17) Chrysene-d12	21.524	240	12296	0.400	ng/ul	# 0.00
23) Perylene-d12	23.962	264	13275	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	3074	0.273	ng/ul	-0.01
18) Fluoranthene-d10	19.355	212	11472	0.269	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	10472	3.002	ng/ul#	75
5) Naphthalene	10.787	128	468	0.021	ng/ul#	51
7) 2-Methylnaphthalene	12.404	142	132	0.010	ng/ul#	59
8) 1-Methylnaphthalene	12.623	142	130	0.009	ng/ul	82
10) Acenaphthylene	14.294	152	149	0.006	ng/ul#	1
11) Acenaphthene	14.650	153	211	0.010	ng/ul#	72
12) Fluorene	15.626	166	104	0.005	ng/ul#	60
14) Pentachlorophenol	16.989	266	92	0.028	ng/ul#	84
15) Phenanthrene	17.365	178	891	0.022	ng/ul#	72
16) Anthracene	17.462	178	225	0.006	ng/ul#	10
19) Fluoranthene	19.383	202	926	0.016	ng/ul#	33
20) Pyrene	19.750	202	732	0.012	ng/ul#	37
21) Benzo(a)anthracene	21.509	228	466	0.010	ng/ul#	31
22) Chrysene	21.559	228	412	0.008	ng/ul#	39
24) Benzo(b)fluoranthene	23.228	252	430	0.008	ng/ul#	1
25) Benzo(k)fluoranthene	23.272	252	210	0.004	ng/ul#	1
26) Benzo(a)pyrene	23.857	252	24	0.001	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.525	276	258	0.004	ng/ul#	54
28) Dibenzo(a,h)anthracene	26.522	278	185	0.004	ng/ul#	1
29) Benzo(g,h,i)perylene	27.283	276	161	0.003	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\
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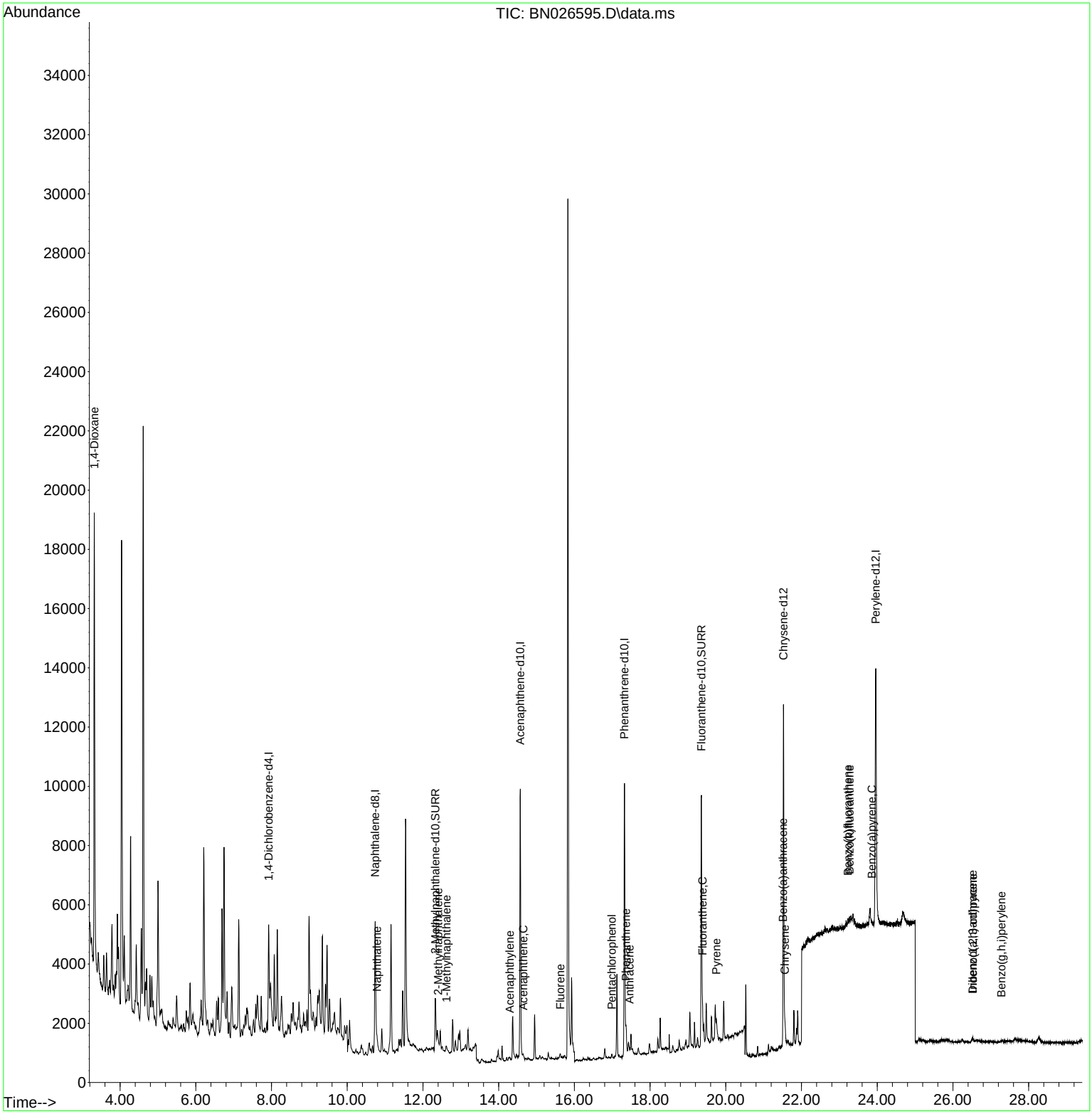
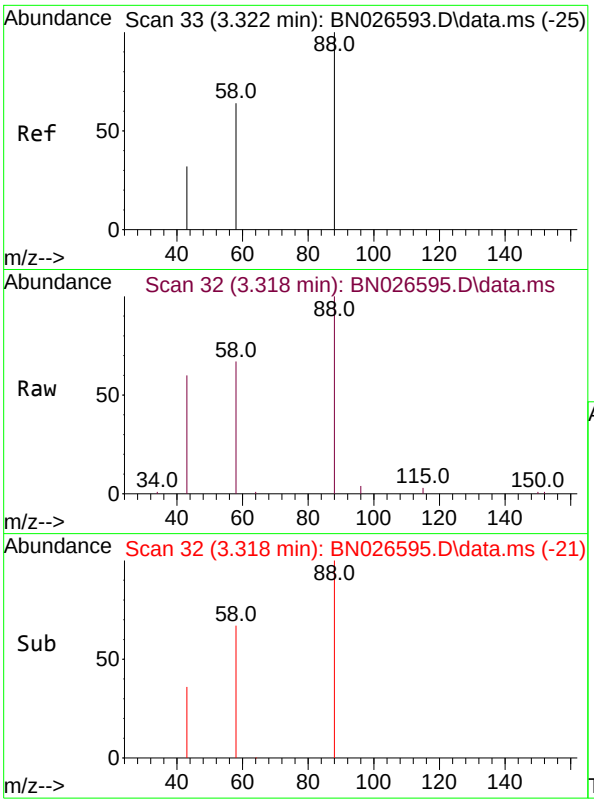
GWBR-04-293-308-071223

Quant Time: Jul 19 15:32:28 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 15:31:39 2023
Response via : Initial Calibration



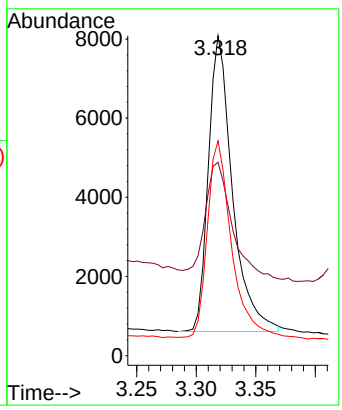


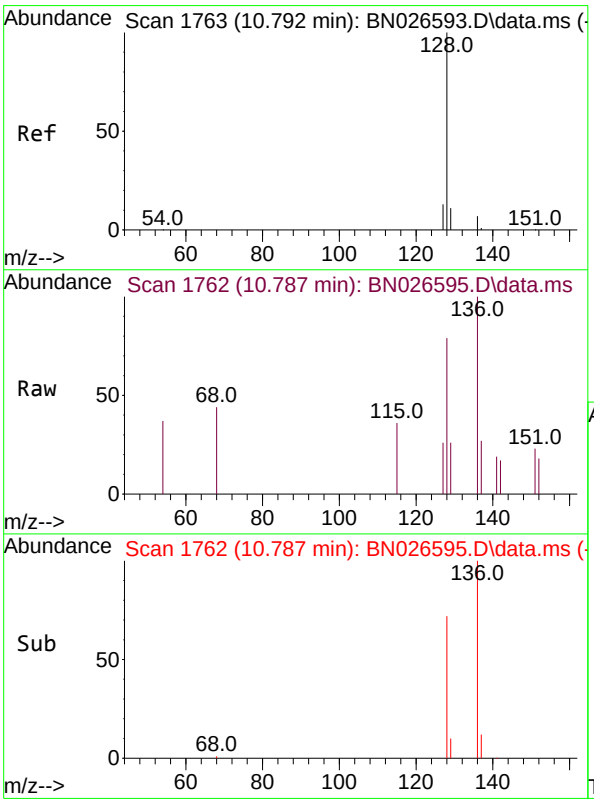
#2
1,4-Dioxane
Concen: 3.002 ng/ul
RT: 3.318 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

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

Tgt Ion: 88 Resp: 10472

Ion	Ratio	Lower	Upper
88	100		
43	60.4	33.0	49.6#
58	67.1	41.7	62.5#

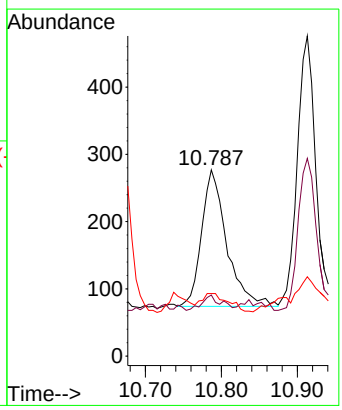


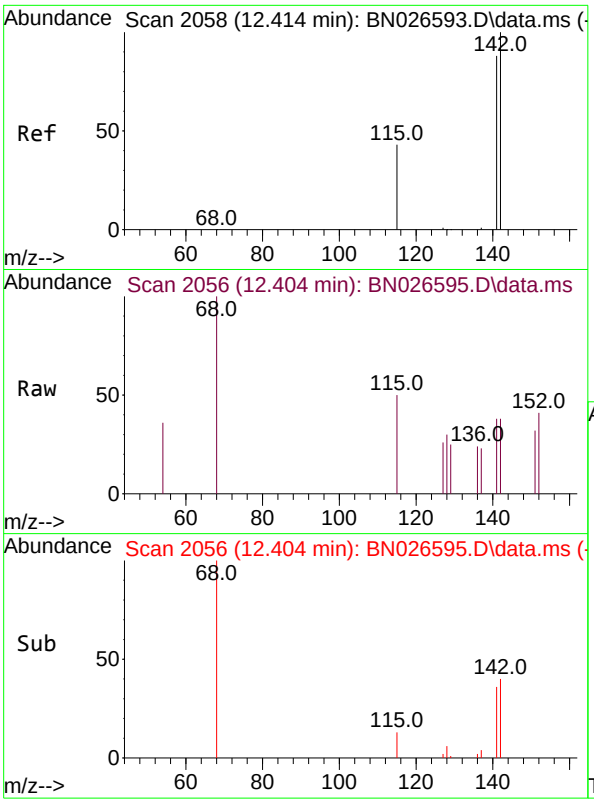


#5
Naphthalene
Concen: 0.021 ng/ul
RT: 10.787 min Scan# 1762
Delta R.T. -0.005 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

Tgt Ion:128 Resp: 468

Ion	Ratio	Lower	Upper
128	100		
129	32.9	10.2	15.2#
127	33.6	11.4	17.0#



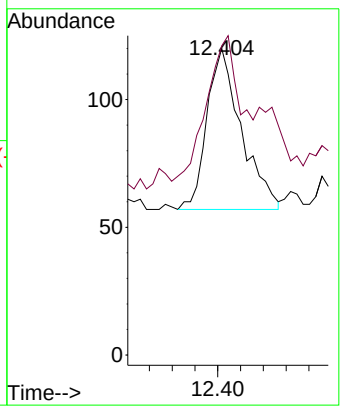


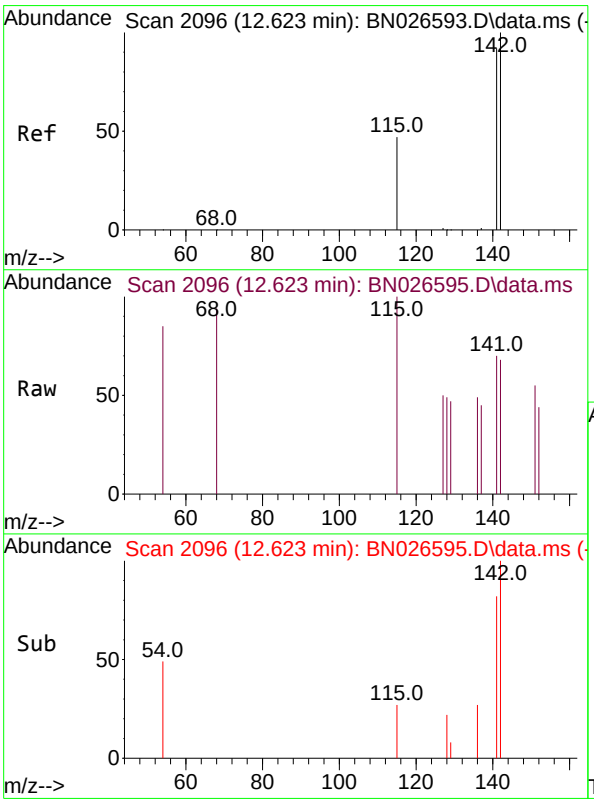
#7
2-Methylnaphthalene
Concen: 0.010 ng/ul
RT: 12.404 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

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

Tgt Ion:142 Resp: 132

Ion	Ratio	Lower	Upper
142	100		
141	129.5	72.3	108.5#

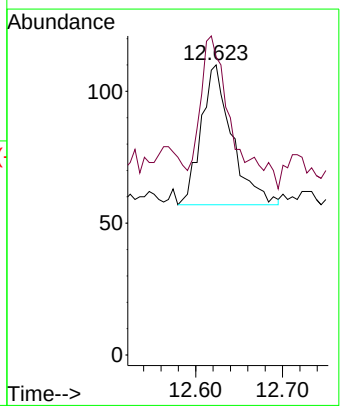


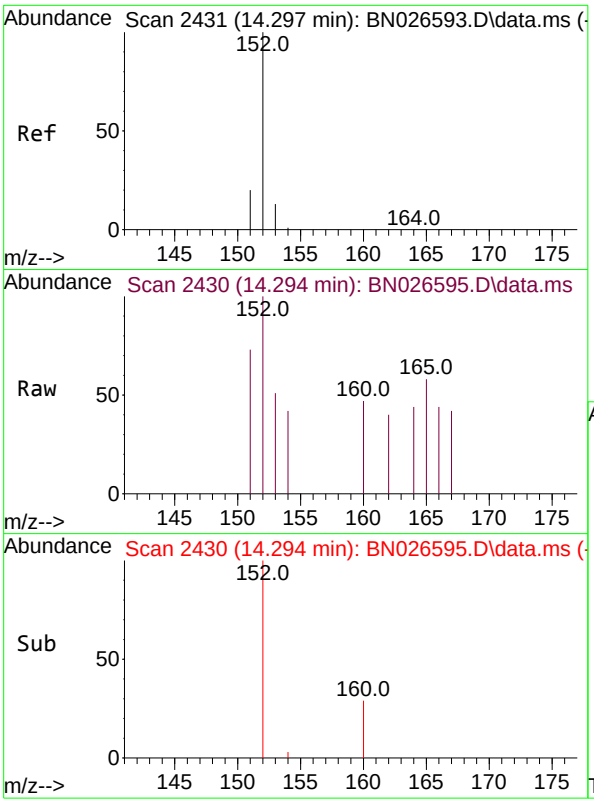


#8
1-Methylnaphthalene
Concen: 0.009 ng/ul
RT: 12.623 min Scan# 2096
Delta R.T. 0.000 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

Tgt Ion:142 Resp: 130

Ion	Ratio	Lower	Upper
142	100		
141	110.8	74.5	111.7



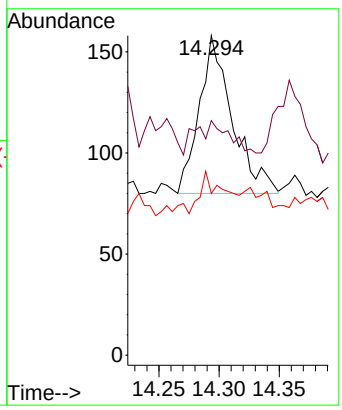


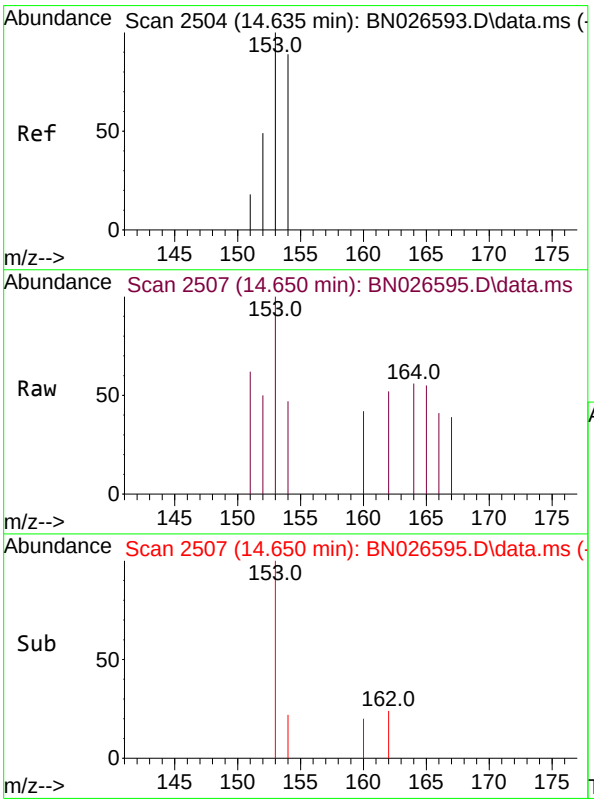
#10
Acenaphthylene
Concen: 0.006 ng/ul
RT: 14.294 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

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

Tgt Ion:152 Resp: 149

Ion	Ratio	Lower	Upper
152	100		
151	73.4	17.0	25.6#
153	50.6	11.4	17.2#

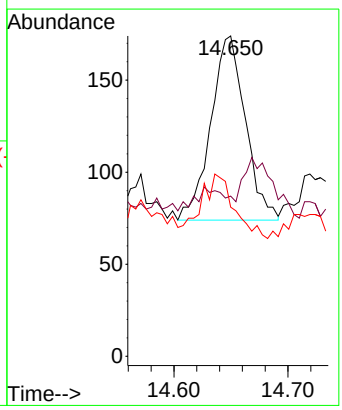


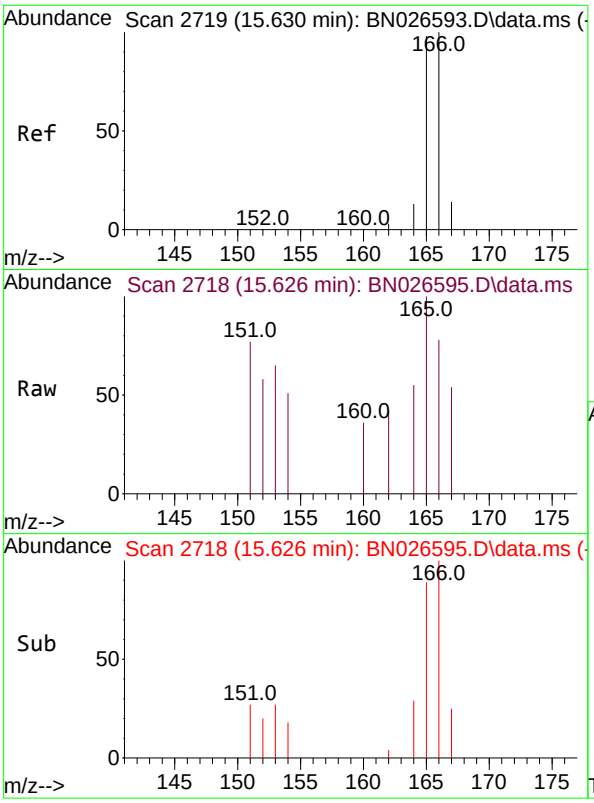


#11
Acenaphthene
Concen: 0.010 ng/ul
RT: 14.650 min Scan# 2507
Delta R.T. 0.015 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

Tgt Ion:153 Resp: 211

Ion	Ratio	Lower	Upper
153	100		
152	50.0	40.2	60.4
154	46.6	69.3	103.9#



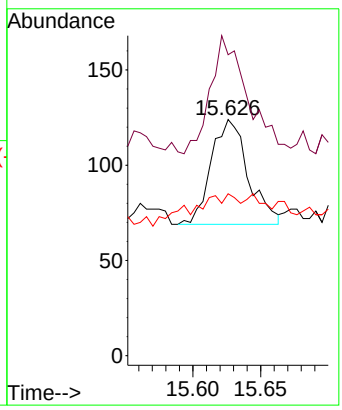


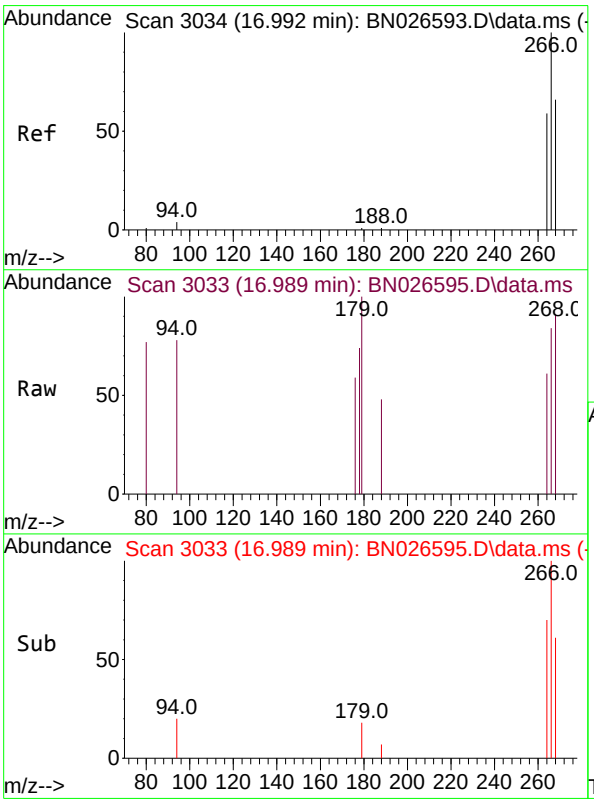
#12
Fluorene
Concen: 0.005 ng/ul
RT: 15.626 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

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

Tgt Ion:166 Resp: 104

Ion	Ratio	Lower	Upper
166	100		
165	127.4	80.6	120.8#
167	68.5	12.0	18.0#

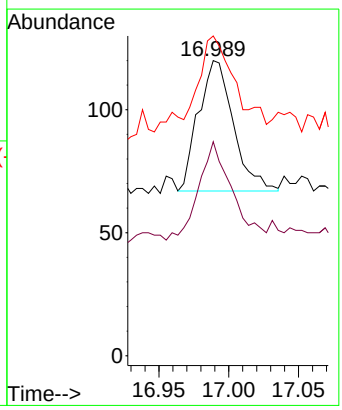


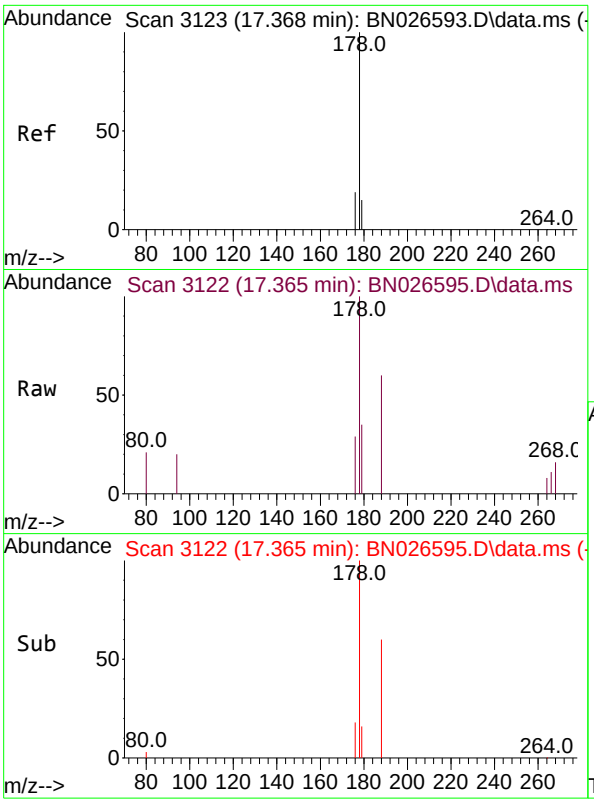


#14
Pentachlorophenol
Concen: 0.028 ng/ul
RT: 16.989 min Scan# 3033
Delta R.T. -0.003 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

Tgt Ion:266 Resp: 92

Ion	Ratio	Lower	Upper
266	100		
264	71.7	52.0	78.0
268	84.8	53.0	79.6#



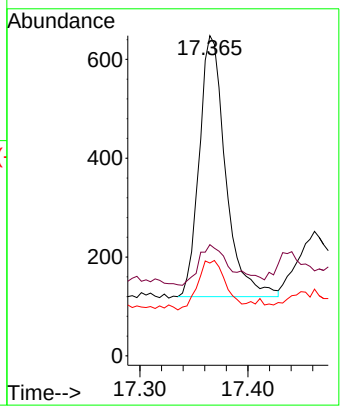


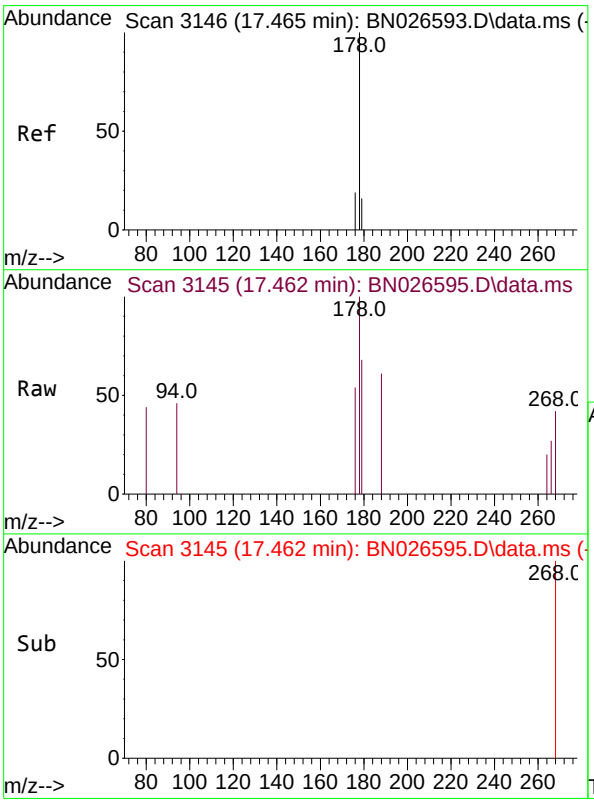
#15
Phenanthrene
Concen: 0.022 ng/ul
RT: 17.365 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

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

Tgt Ion:178 Resp: 891

Ion	Ratio	Lower	Upper
178	100		
179	34.7	13.7	20.5#
176	29.0	16.5	24.7#

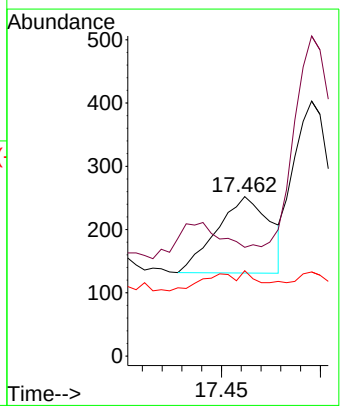


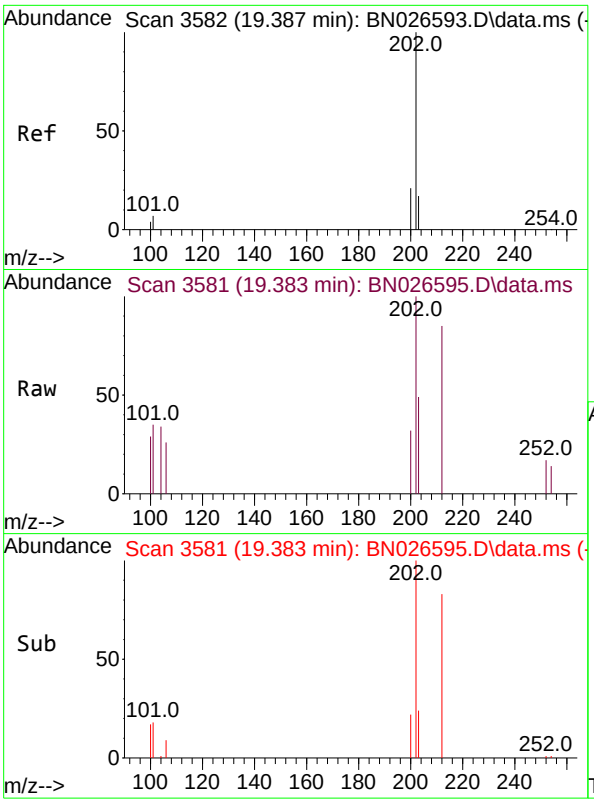


#16
Anthracene
Concen: 0.006 ng/ul
RT: 17.462 min Scan# 3145
Delta R.T. -0.003 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

Tgt Ion:178 Resp: 225

Ion	Ratio	Lower	Upper
178	100		
179	68.3	14.8	22.2#
176	53.6	16.6	25.0#



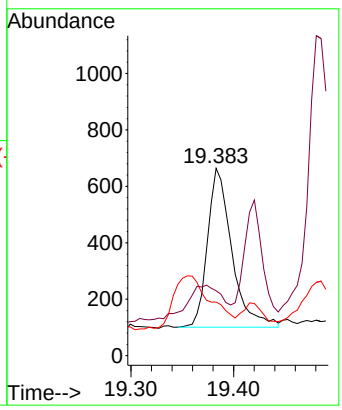


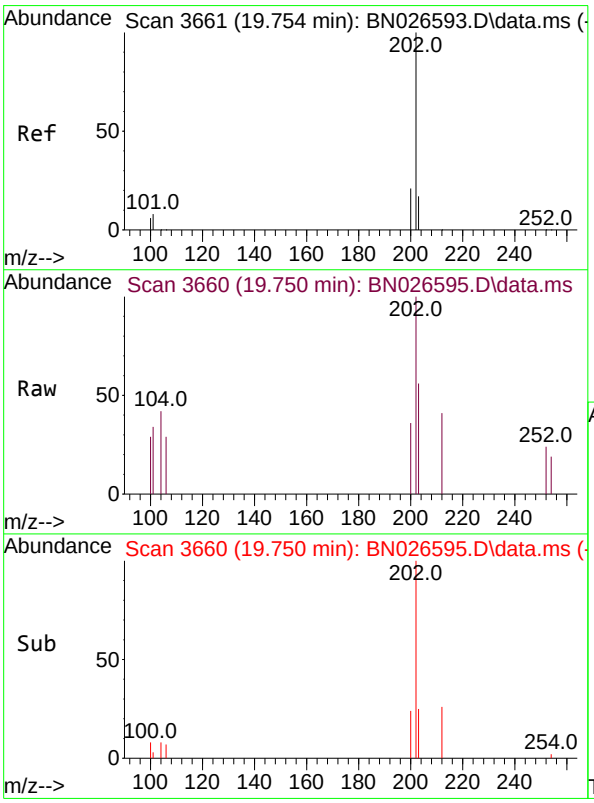
#19
Fluoranthene
Concen: 0.016 ng/ul
RT: 19.383 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

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

Tgt Ion:202 Resp: 926

Ion	Ratio	Lower	Upper
202	100		
101	34.6	7.0	10.4#
100	28.6	6.0	9.0#

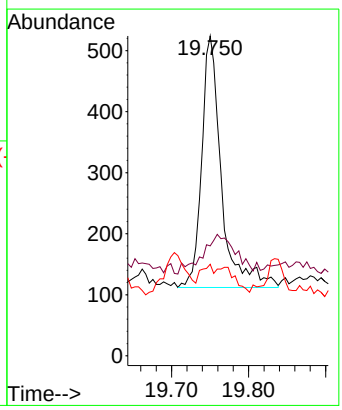


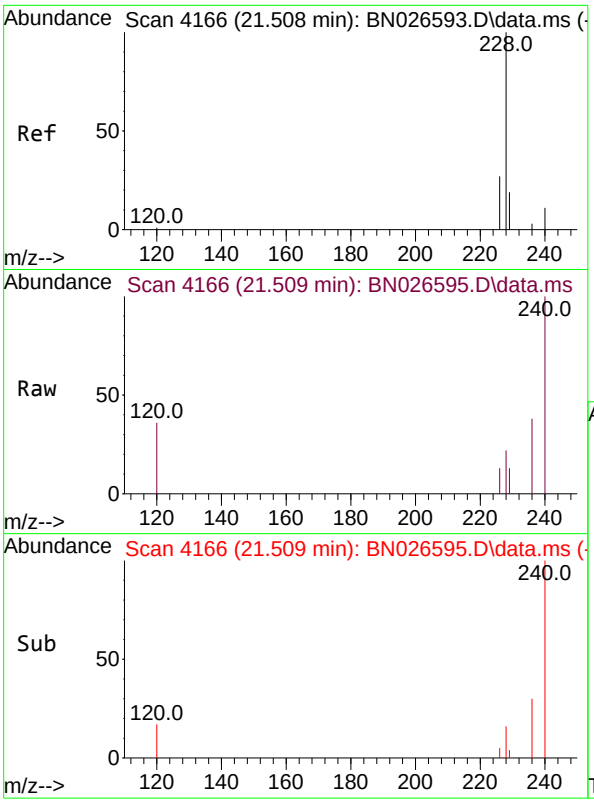


#20
Pyrene
Concen: 0.012 ng/ul
RT: 19.750 min Scan# 3660
Delta R.T. -0.004 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

Tgt Ion:202 Resp: 732

Ion	Ratio	Lower	Upper
202	100		
101	34.4	8.0	12.0#
100	28.6	6.2	9.2#



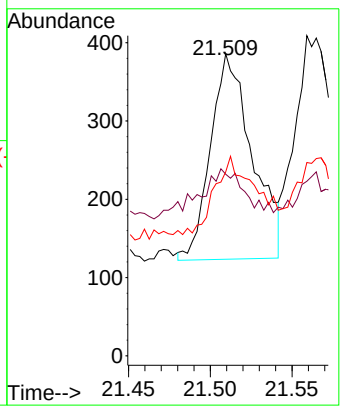


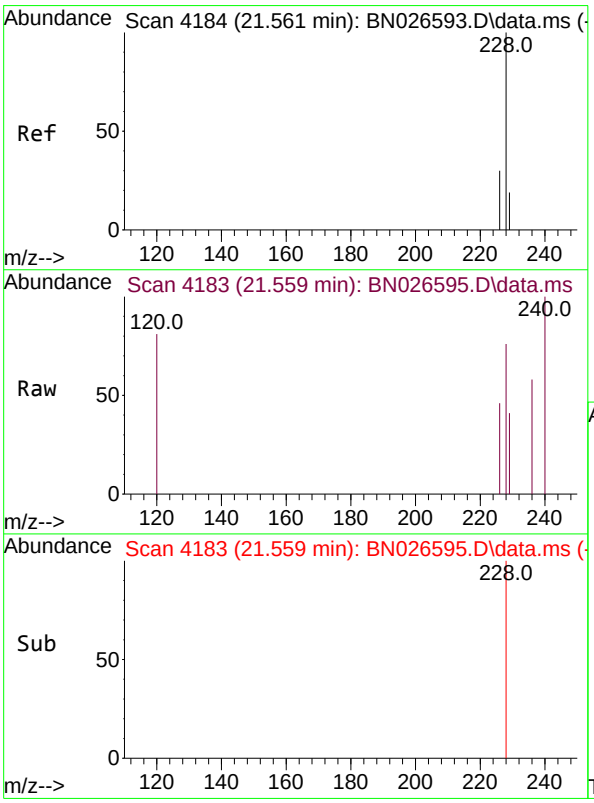
#21
Benzo(a)anthracene
Concen: 0.010 ng/ul
RT: 21.509 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

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

Tgt Ion:228 Resp: 466

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

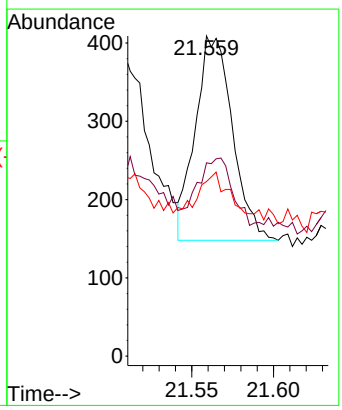


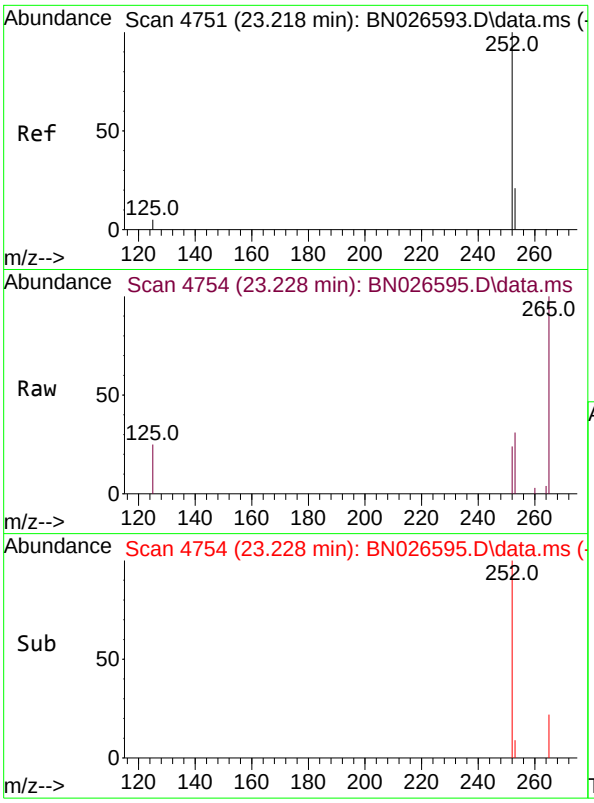


#22
Chrysene
Concen: 0.008 ng/ul
RT: 21.559 min Scan# 4183
Delta R.T. -0.002 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

Tgt Ion:228 Resp: 412

Ion	Ratio	Lower	Upper
228	100		
226	60.4	25.2	37.8#
229	54.5	16.4	24.6#



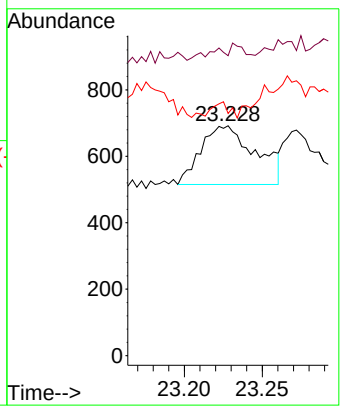


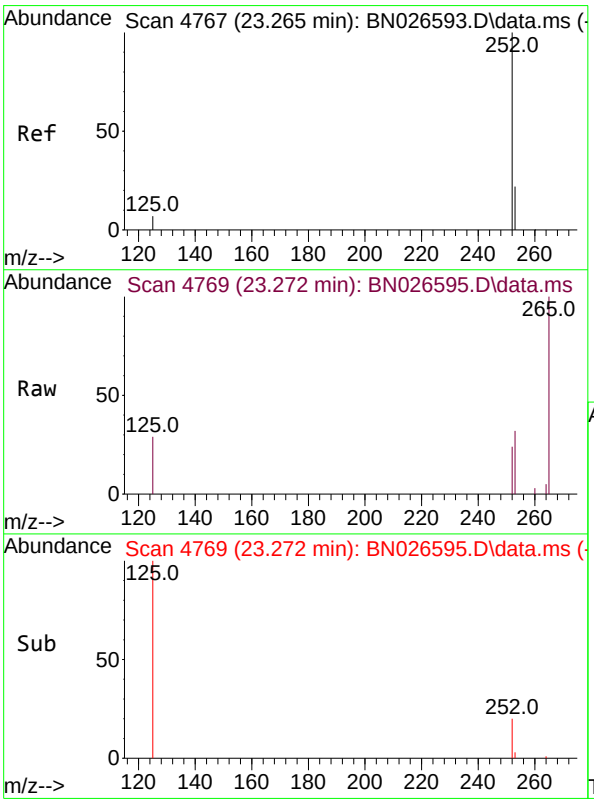
#24
Benzo(b)fluoranthene
Concen: 0.008 ng/ul
RT: 23.228 min Scan# 4
Delta R.T. 0.010 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

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

Tgt Ion:252 Resp: 430

Ion	Ratio	Lower	Upper
252	100		
253	130.5	0.0	68.6#
125	105.3	0.0	34.0#

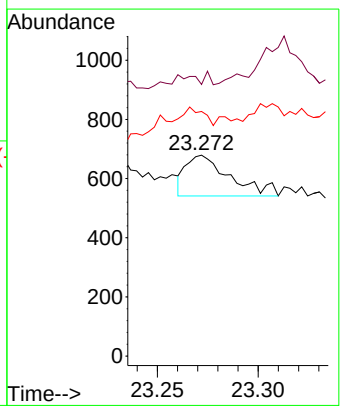


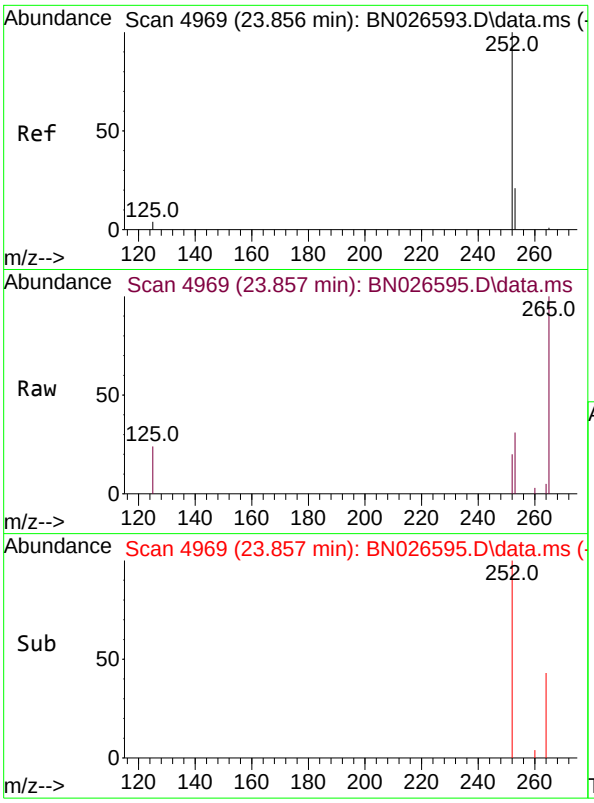


#25
Benzo(k)fluoranthene
Concen: 0.004 ng/ul
RT: 23.272 min Scan# 4769
Delta R.T. 0.007 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

Tgt Ion:252 Resp: 210

Ion	Ratio	Lower	Upper
252	100		
253	135.2	27.2	40.8#
125	121.8	13.4	20.2#



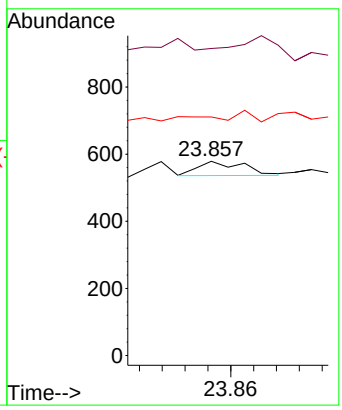


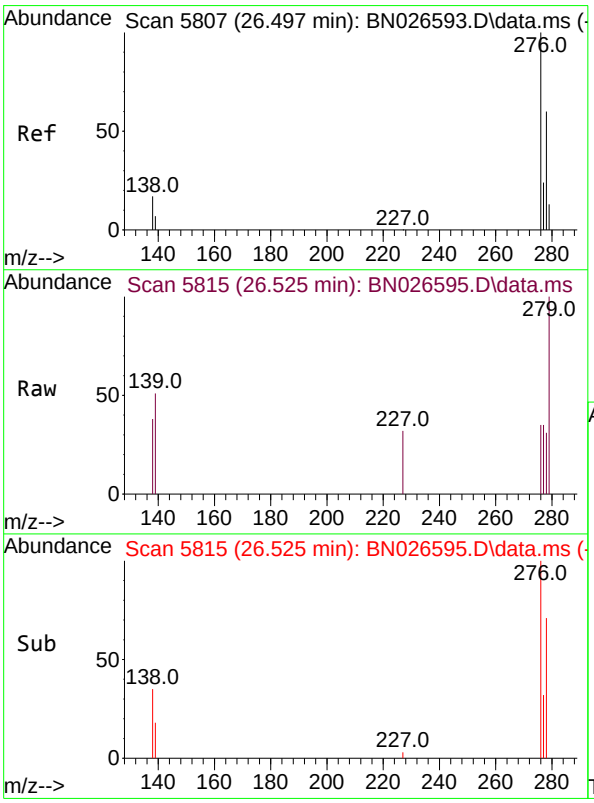
#26
Benzo(a)pyrene
Concen: 0.001 ng/ul
RT: 23.857 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

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

Tgt Ion:252 Resp: 24

Ion	Ratio	Lower	Upper
252	100		
253	158.0	32.6	49.0#
125	122.8	19.3	28.9#

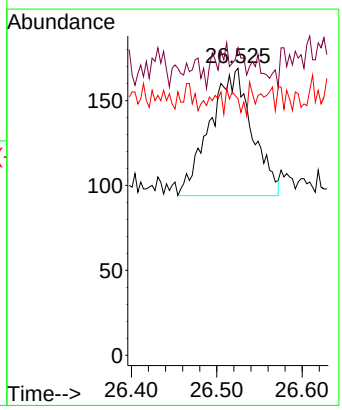


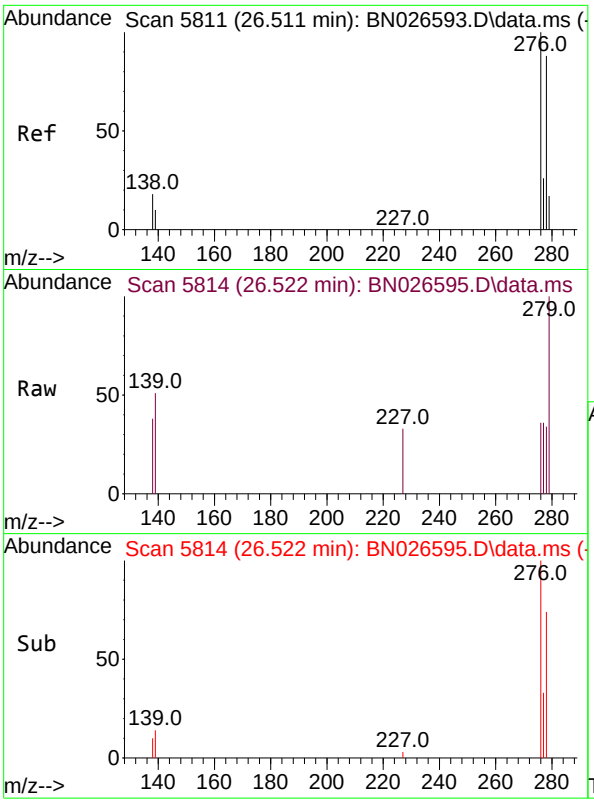


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.004 ng/ul
RT: 26.525 min Scan# 5815
Delta R.T. 0.028 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

Tgt Ion:276 Resp: 258

Ion	Ratio	Lower	Upper
276	100		
138	3.5	22.2	33.4#
227	3.1	0.1	0.1#



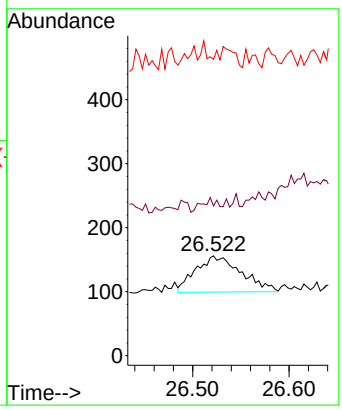


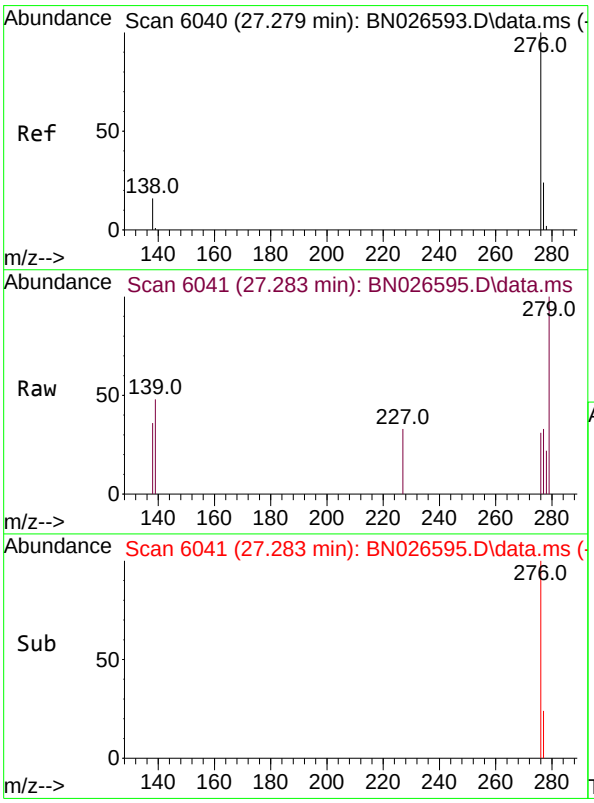
#28
Dibenzo(a,h)anthracene
Concen: 0.004 ng/ul
RT: 26.522 min Scan# 5
Delta R.T. 0.011 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

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

Tgt Ion:278 Resp: 185

Ion	Ratio	Lower	Upper
278	100		
139	150.0	18.9	28.3#
279	296.8	31.3	46.9#





#29
Benzo(g,h,i)perylene
Concen: 0.003 ng/ul
RT: 27.283 min Scan# 6041
Delta R.T. 0.004 min
Lab File: BN026595.D
Acq: 19 Jul 2023 12:47

Tgt Ion:276 Resp: 161

Ion	Ratio	Lower	Upper
276	100		
138	117.7	22.6	34.0#
277	107.1	21.8	32.8#