Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071923\
Data File : BN026597.D
Acq On : 19 Jul 2023 15:20
Operator : MA/JU
Sample : 03635-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWBR-04-359-374-071423

Quant Time: Jul 19 15:55:00 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 15:54:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.875	152	1433	0.400	ng/ul	-0.07
4) Naphthalene-d8	10.677	136	4751	0.400	ng/ul	-0.07
9) Acenaphthene-d10	14.515	164	3017	0.400	ng/ul	-0.06
13) Phenanthrene-d10	17.267	188	7815	0.400	ng/ul	#-0.06
17) Chrysene-d12	21.479	240	12725	0.400	ng/ul	#-0.05
23) Perylene-d12	23.905	264	15317	0.400	ng/ul	#-0.06
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.000	96	0d	0.000	ng/ul	
6) 2-Methylnaphthalene-d10	12.272	152	816	0.126	ng/ul	-0.07
18) Fluoranthene-d10	19.294	212	5268	0.119	ng/ul	-0.06
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	595	0.333	ng/ul#	1
5) Naphthalene	10.732	128	30	0.002	ng/ul#	1
7) 2-Methylnaphthalene	12.343	142	25	0.003	ng/ul	81
8) 1-Methylnaphthalene	12.530	142	48	0.006	ng/ul#	31
10) Acenaphthylene	14.237	152	196	0.013	ng/ul#	1
11) Acenaphthene	14.584	153	32	0.003	ng/ul#	54
12) Fluorene	15.570	166	39	0.003	ng/ul#	48
14) Pentachlorophenol	16.954	266	13	0.007	ng/ul#	46
15) Phenanthrene	17.309	178	122	0.005	ng/ul#	1
16) Anthracene	17.398	178	123	0.006	ng/ul#	1
19) Fluoranthene	19.326	202	395	0.007	ng/ul#	21
20) Pyrene	19.693	202	141	0.002	ng/ul#	1
21) Benzo(a)anthracene	21.471	228	228	0.005	ng/ul#	12
22) Chrysene	21.520	228	200	0.004	ng/ul#	16
24) Benzo(b)fluoranthene	23.180	252	208	0.003	ng/ul#	1
25) Benzo(k)fluoranthene	23.218	252	18	0.000	ng/ul#	1
26) Benzo(a)pyrene	23.797	252	94	0.002	ng/ul#	1
27) Indeno(1,2,3-cd)pyrene	26.427	276	29	0.000	ng/ul#	67
28) Dibenzo(a,h)anthracene	26.447	278	37	0.001	ng/ul#	1
29) Benzo(g,h,i)perylene	27.235	276	8	0.000	ng/ul#	1

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 19 15:54:02 2023
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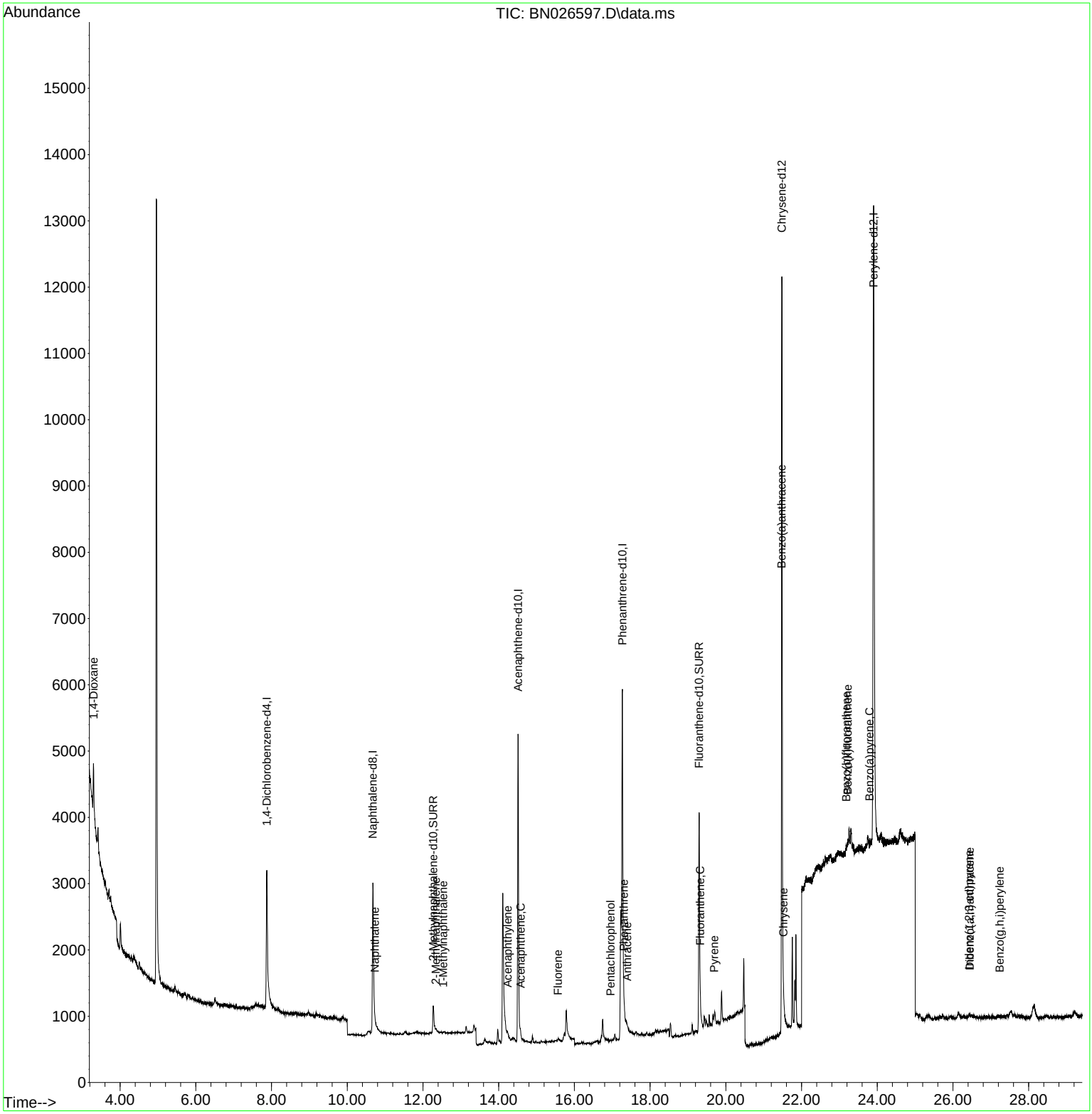
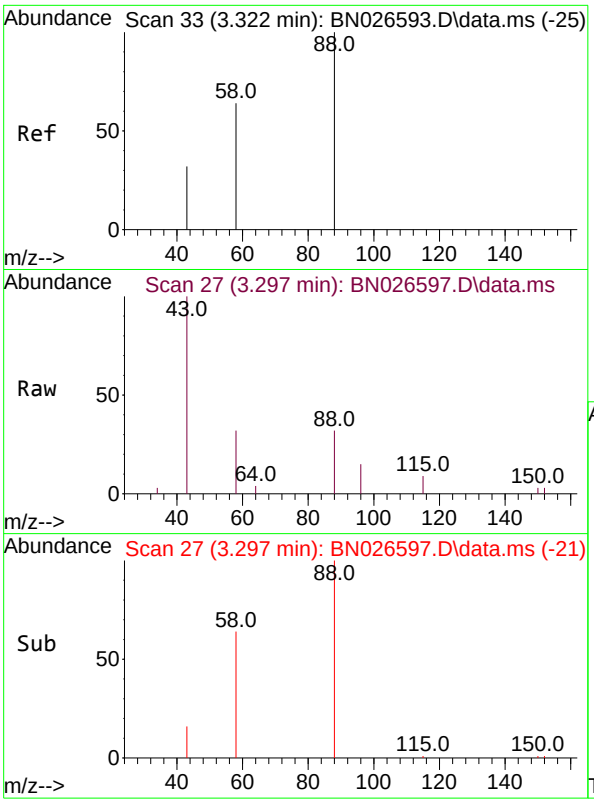


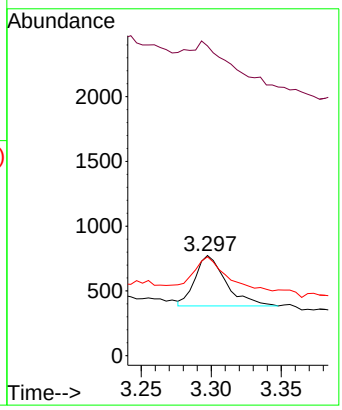


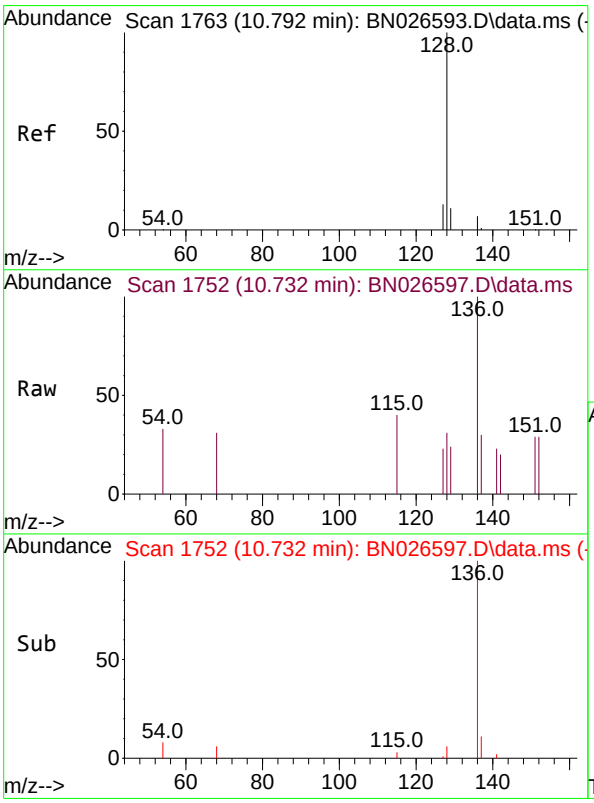
#2
1,4-Dioxane
Concen: 0.333 ng/ul
RT: 3.297 min Scan# 2
Delta R.T. -0.025 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Instrument :
BNA_N
ClientSampleId :
GWBR-04-359-374-071423

Tgt Ion: 88 Resp: 595

Ion	Ratio	Lower	Upper
88	100		
43	309.0	33.0	49.6#
58	98.7	41.7	62.5#

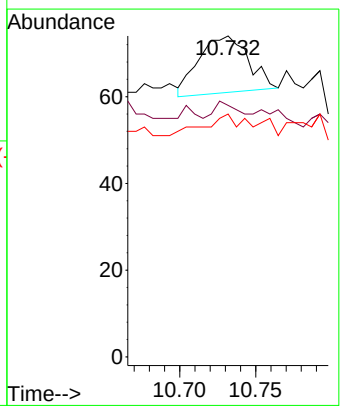


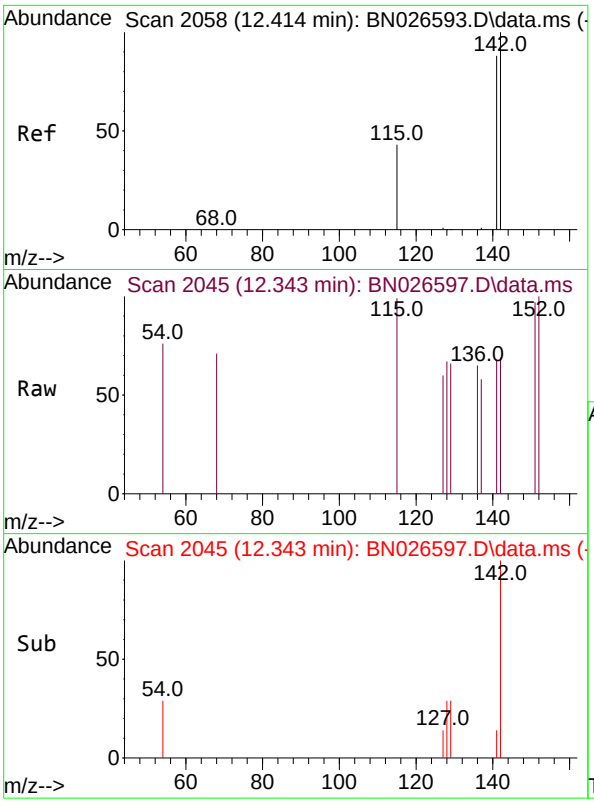


#5
Naphthalene
Concen: 0.002 ng/ul
RT: 10.732 min Scan# 1752
Delta R.T. -0.060 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Tgt Ion:128 Resp: 30

Ion	Ratio	Lower	Upper
128	100		
129	78.4	10.2	15.2#
127	75.7	11.4	17.0#



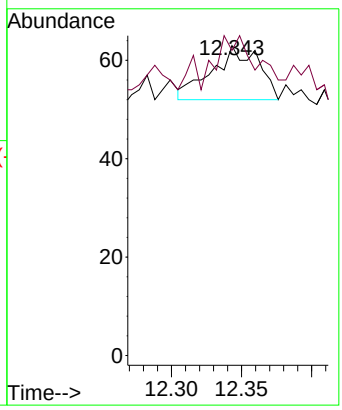


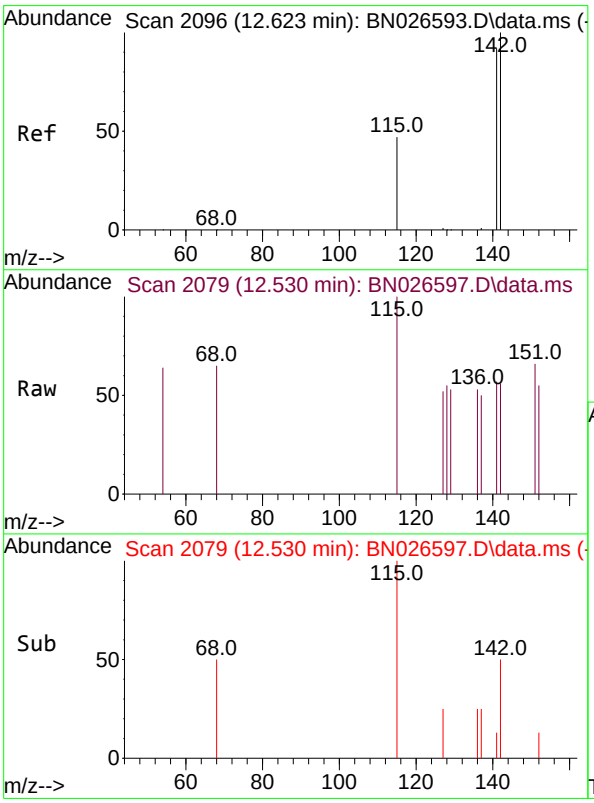
#7
2-Methylnaphthalene
Concen: 0.003 ng/ul
RT: 12.343 min Scan# 2
Delta R.T. -0.071 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Instrument :
BNA_N
ClientSampleId :
GWBR-04-359-374-071423

Tgt Ion:142 Resp: 25

Ion	Ratio	Lower	Upper
142	100		
141	108.0	72.3	108.5

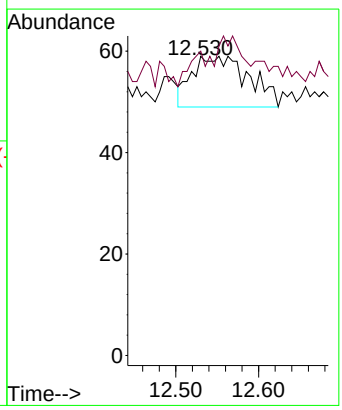


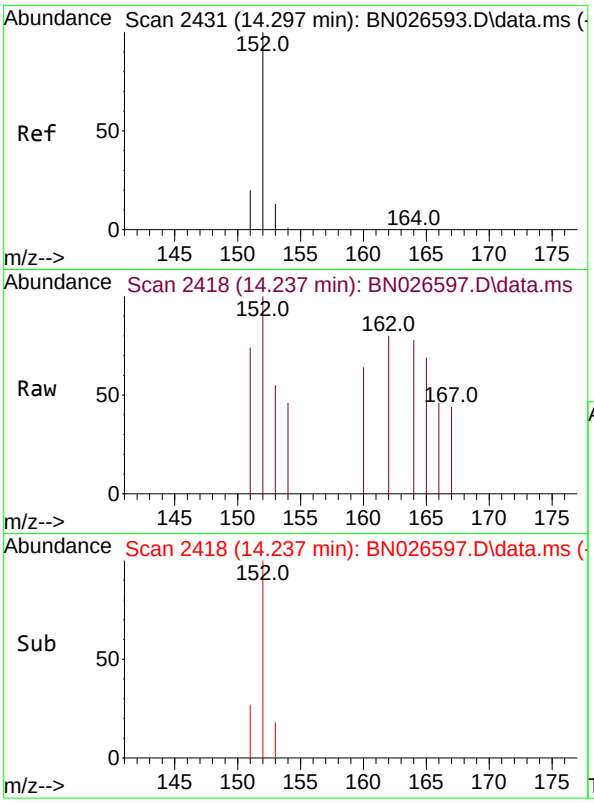


#8
1-Methylnaphthalene
Concen: 0.006 ng/ul
RT: 12.530 min Scan# 2079
Delta R.T. -0.093 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Tgt Ion:142 Resp: 48

Ion	Ratio	Lower	Upper
142	100		
141	27.1	74.5	111.7#



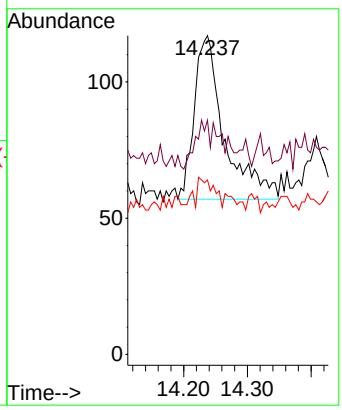


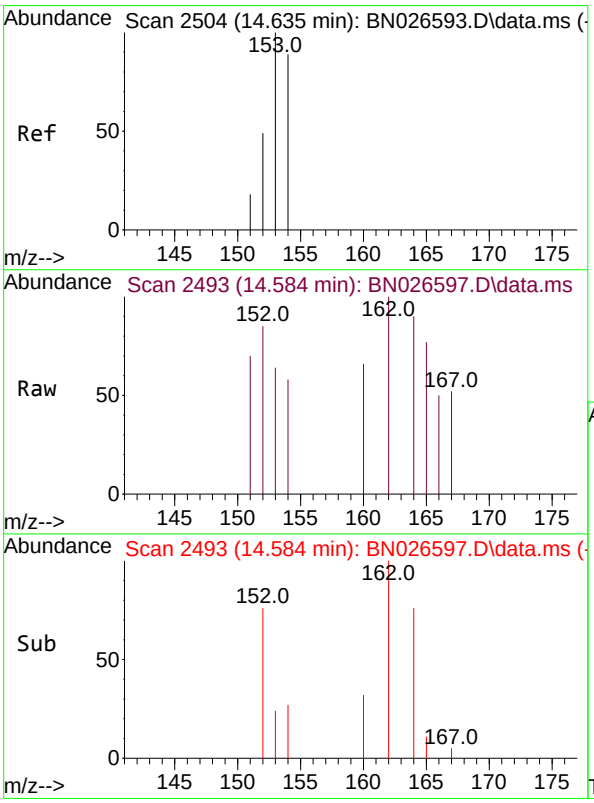
#10
Acenaphthylene
Concen: 0.013 ng/ul
RT: 14.237 min Scan# 2
Delta R.T. -0.060 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Instrument :
BNA_N
ClientSampleId :
GWBR-04-359-374-071423

Tgt Ion:152 Resp: 196

Ion	Ratio	Lower	Upper
152	100		
151	73.5	17.0	25.6#
153	54.7	11.4	17.2#

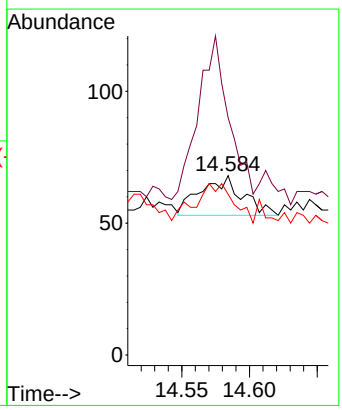


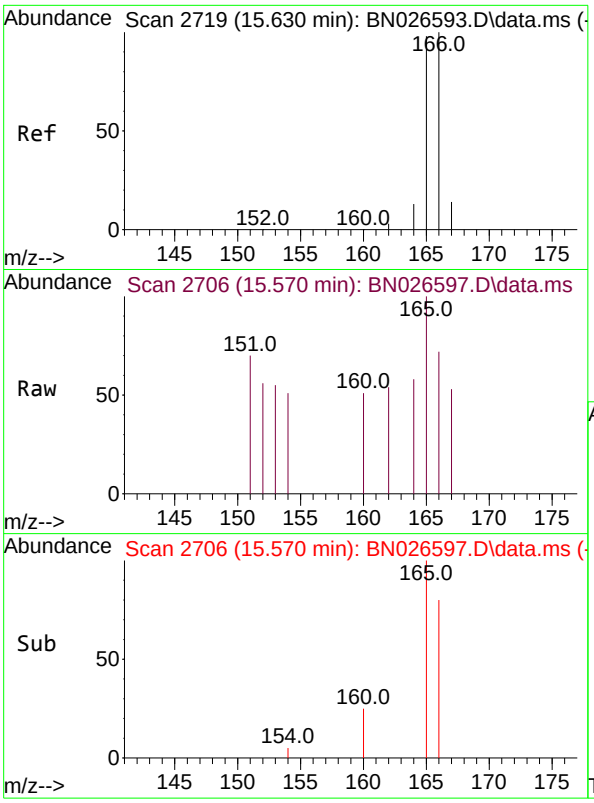


#11
Acenaphthene
Concen: 0.003 ng/ul
RT: 14.584 min Scan# 2493
Delta R.T. -0.051 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Tgt Ion:153 Resp: 32

Ion	Ratio	Lower	Upper
153	100		
152	132.4	40.2	60.4#
154	89.7	69.3	103.9



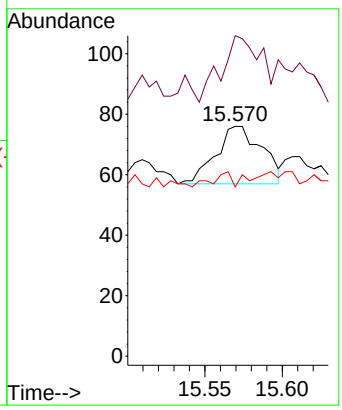


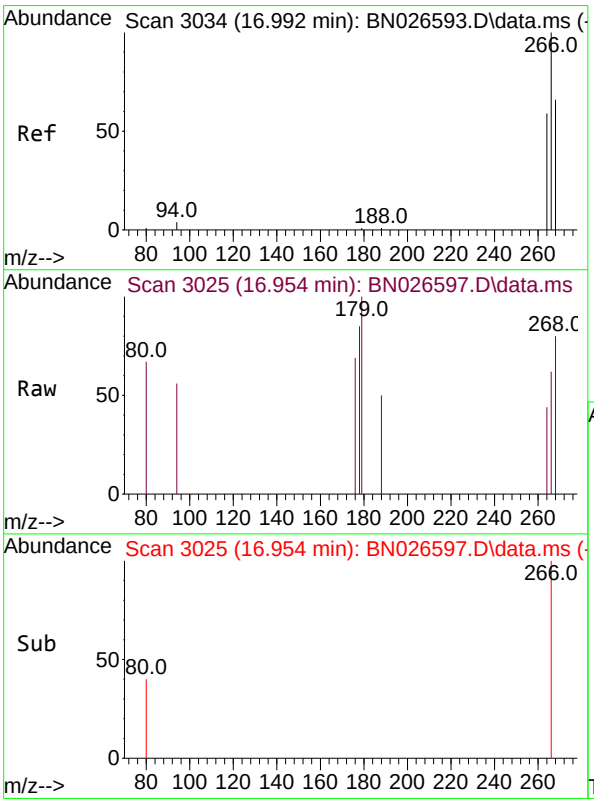
#12
Fluorene
Concen: 0.003 ng/ul
RT: 15.570 min Scan# 2
Delta R.T. -0.060 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Instrument :
BNA_N
ClientSampleId :
GWBR-04-359-374-071423

Tgt Ion:166 Resp: 39

Ion	Ratio	Lower	Upper
166	100		
165	139.5	80.6	120.8#
167	73.7	12.0	18.0#

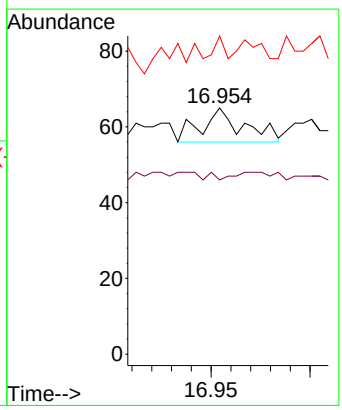


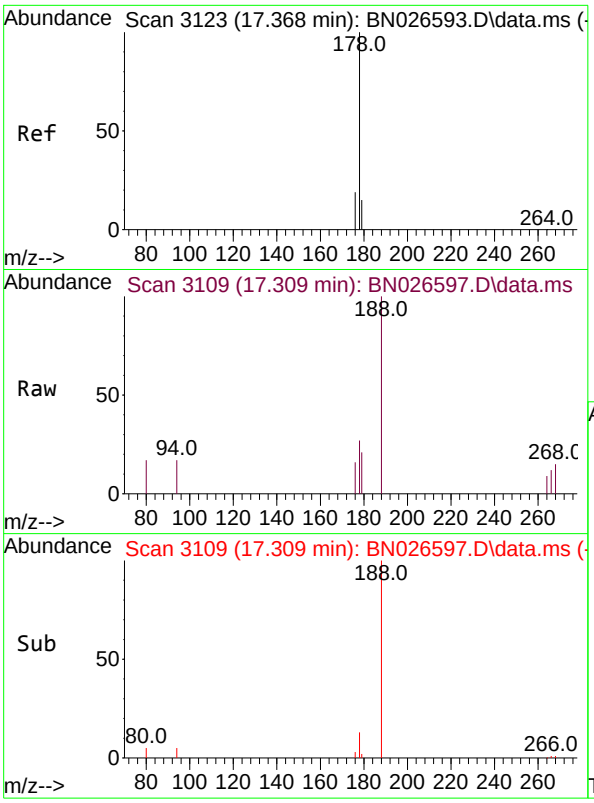


#14
Pentachlorophenol
Concen: 0.007 ng/ul
RT: 16.954 min Scan# 3025
Delta R.T. -0.038 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Tgt Ion:266 Resp: 13

Ion	Ratio	Lower	Upper
266	100		
264	23.1	52.0	78.0#
268	23.1	53.0	79.6#



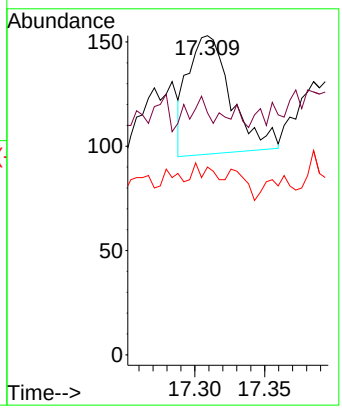


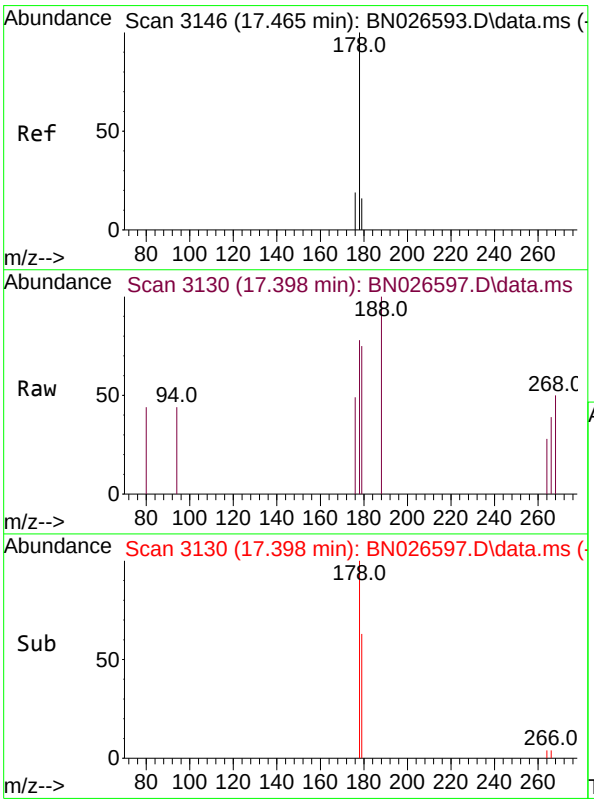
#15
Phenanthrene
Concen: 0.005 ng/ul
RT: 17.309 min Scan# 3
Delta R.T. -0.059 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Instrument :
BNA_N
ClientSampleId :
GWBR-04-359-374-071423

Tgt Ion:178 Resp: 122

Ion	Ratio	Lower	Upper
178	100		
179	75.8	13.7	20.5#
176	58.8	16.5	24.7#

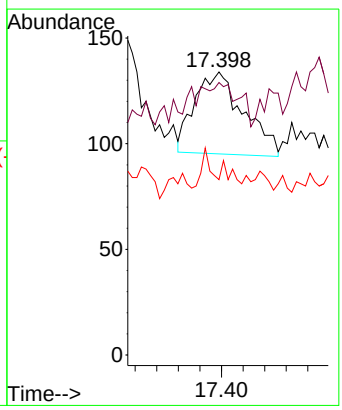


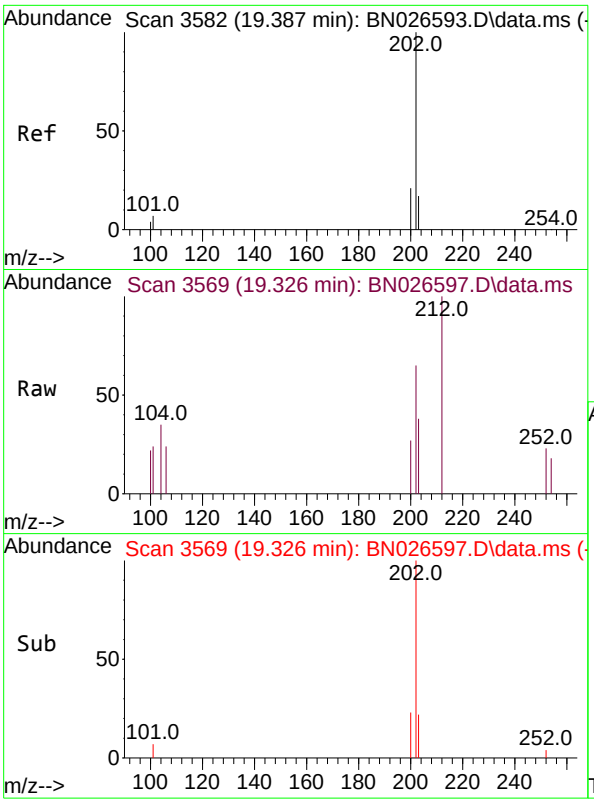


#16
Anthracene
Concen: 0.006 ng/ul
RT: 17.398 min Scan# 3130
Delta R.T. -0.067 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Tgt Ion:178 Resp: 123

Ion	Ratio	Lower	Upper
178	100		
179	96.3	14.8	22.2#
176	61.9	16.6	25.0#



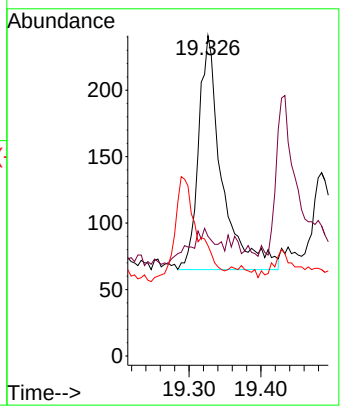


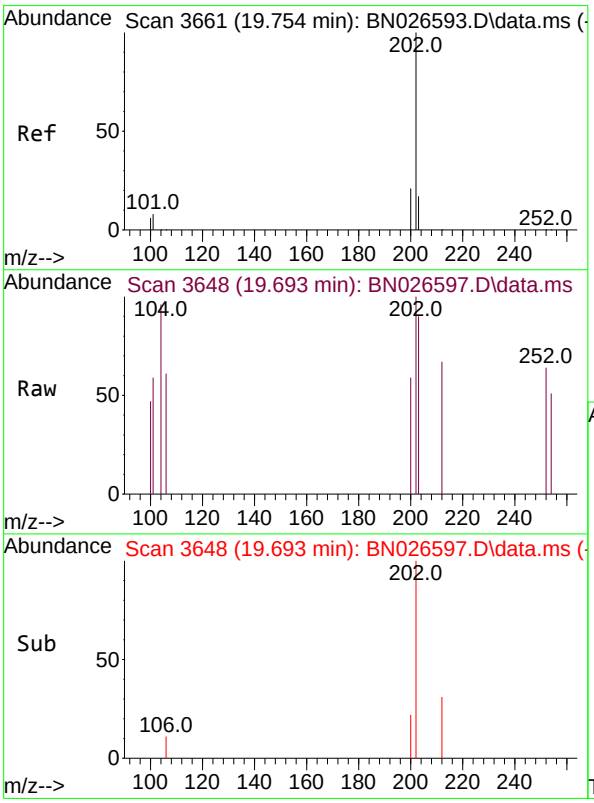
#19
Fluoranthene
Concen: 0.007 ng/ul
RT: 19.326 min Scan# 3
Delta R.T. -0.060 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Instrument :
BNA_N
ClientSampleId :
GWBR-04-359-374-071423

Tgt Ion:202 Resp: 395

Ion	Ratio	Lower	Upper
202	100		
101	37.3	7.0	10.4#
100	34.4	6.0	9.0#

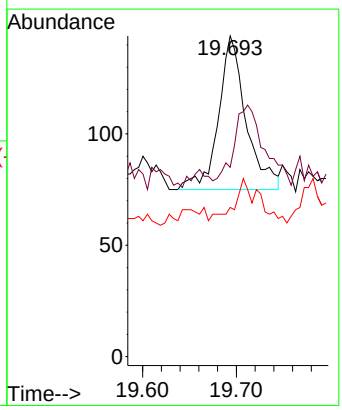


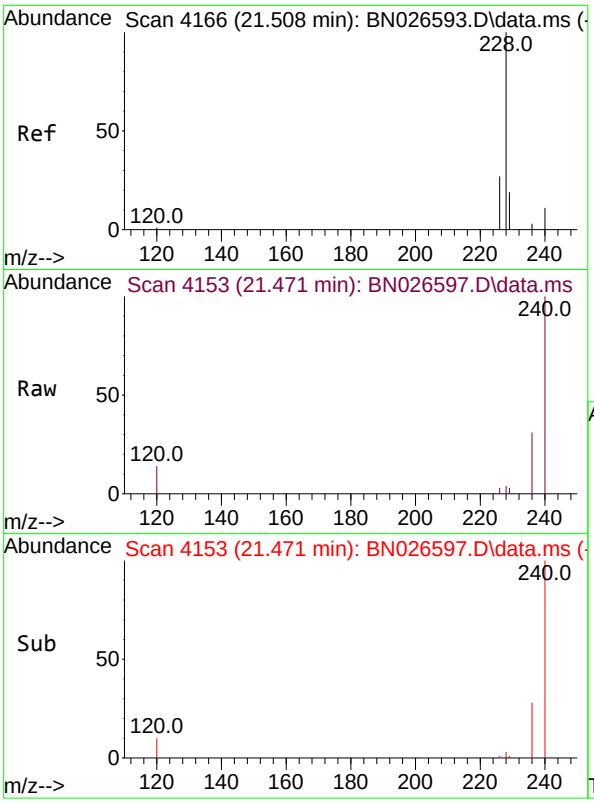


#20
Pyrene
Concen: 0.002 ng/ul
RT: 19.693 min Scan# 3648
Delta R.T. -0.060 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Tgt Ion:202 Resp: 141

Ion	Ratio	Lower	Upper
202	100		
101	59.0	8.0	12.0#
100	46.5	6.2	9.2#



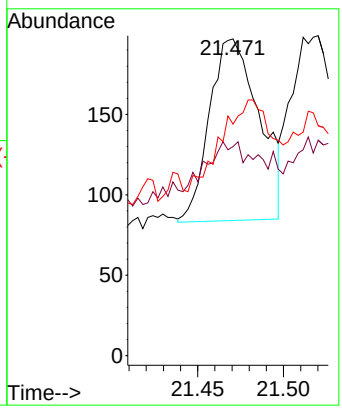


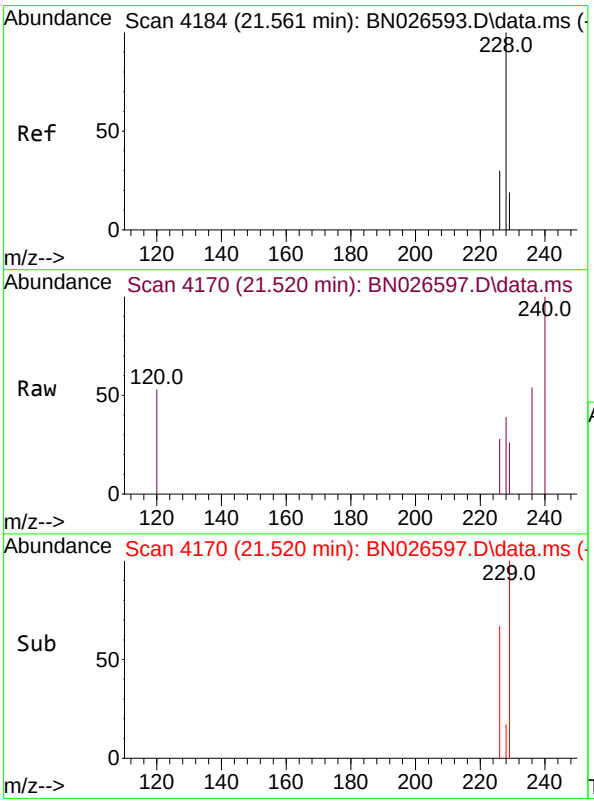
#21
Benzo(a)anthracene
Concen: 0.005 ng/ul
RT: 21.471 min Scan# 4
Delta R.T. -0.038 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Instrument :
BNA_N
ClientSampleId :
GWBR-04-359-374-071423

Tgt Ion:228 Resp: 228

Ion	Ratio	Lower	Upper
228	100		
229	66.0	16.7	25.1#
226	73.1	23.5	35.3#

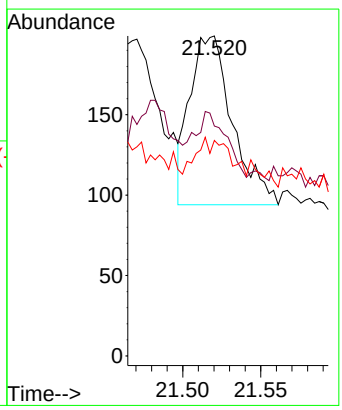


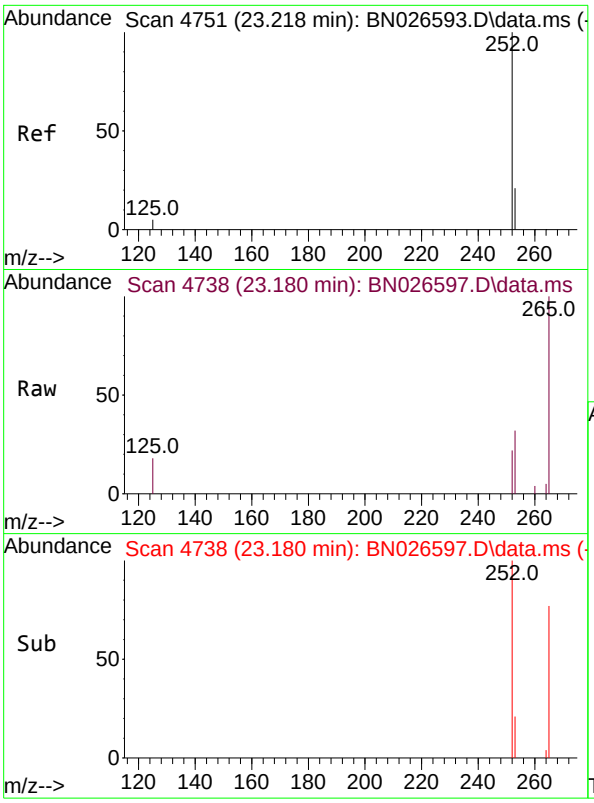


#22
Chrysene
Concen: 0.004 ng/ul
RT: 21.520 min Scan# 4170
Delta R.T. -0.041 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Tgt Ion:228 Resp: 200

Ion	Ratio	Lower	Upper
228	100		
226	71.9	25.2	37.8#
229	67.3	16.4	24.6#



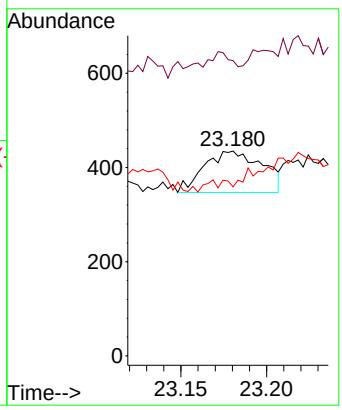


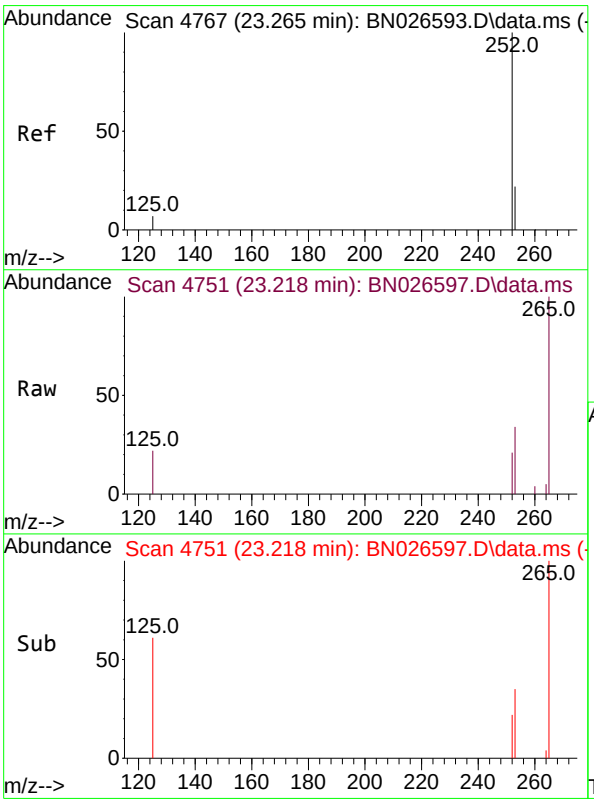
#24
Benzo(b)fluoranthene
Concen: 0.003 ng/ul
RT: 23.180 min Scan# 4
Delta R.T. -0.038 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Instrument :
BNA_N
ClientSampleId :
GWBR-04-359-374-071423

Tgt Ion:252 Resp: 208

Ion	Ratio	Lower	Upper
252	100		
253	144.1	0.0	68.6#
125	82.5	0.0	34.0#

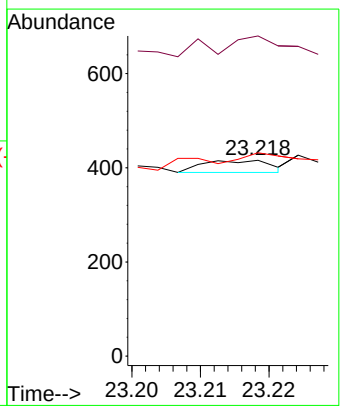


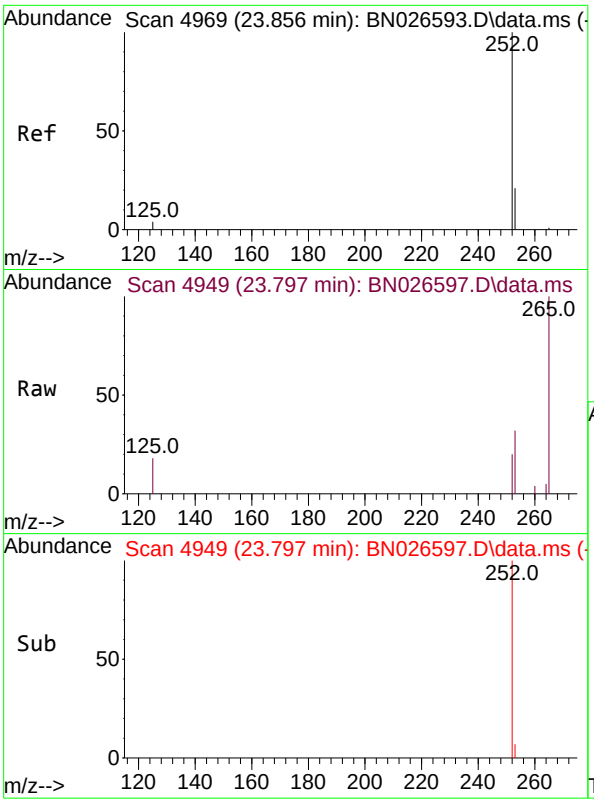


#25
Benzo(k)fluoranthene
Concen: 0.000 ng/ul
RT: 23.218 min Scan# 4751
Delta R.T. -0.047 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Tgt Ion:252 Resp: 18

Ion	Ratio	Lower	Upper
252	100		
253	163.5	27.2	40.8#
125	103.8	13.4	20.2#



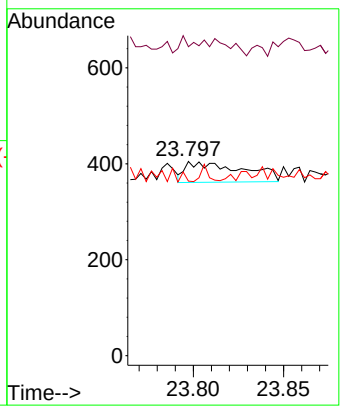


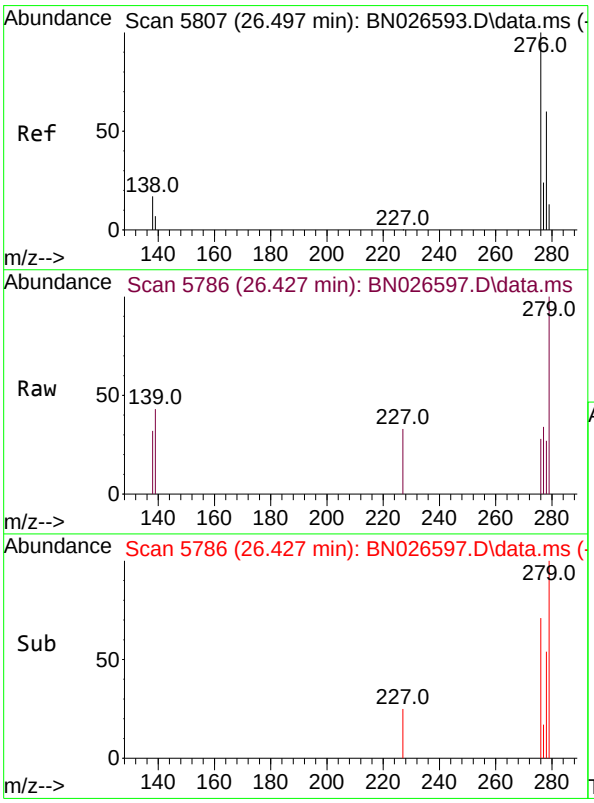
#26
Benzo(a)pyrene
Concen: 0.002 ng/ul
RT: 23.797 min Scan# 4
Delta R.T. -0.058 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Instrument :
BNA_N
ClientSampleId :
GWBR-04-359-374-071423

Tgt Ion:252 Resp: 94

Ion	Ratio	Lower	Upper
252	100		
253	159.0	32.6	49.0#
125	89.9	19.3	28.9#

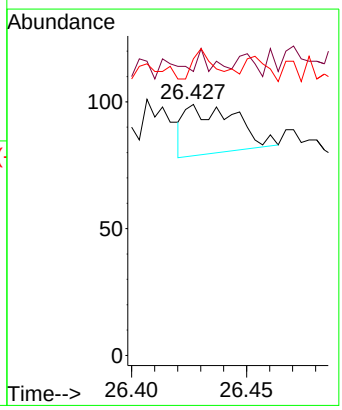


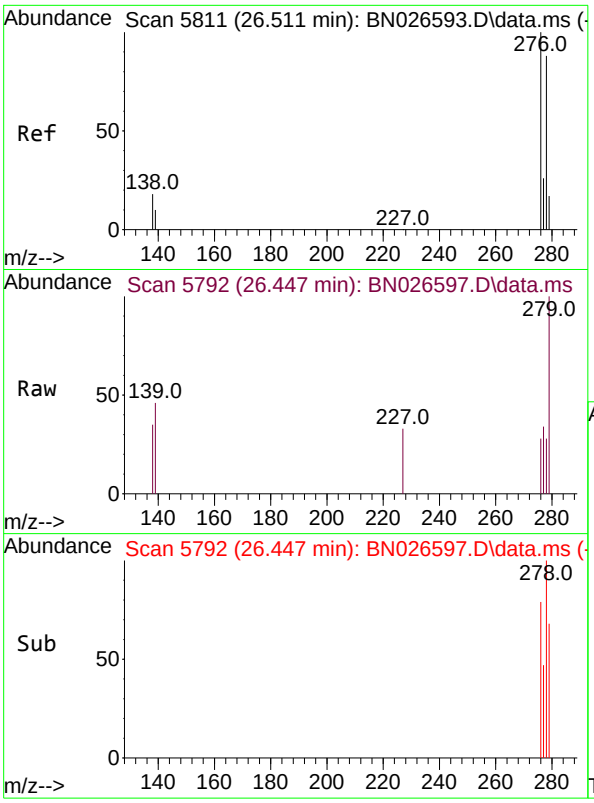


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.000 ng/ul
RT: 26.427 min Scan# 5786
Delta R.T. -0.070 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Tgt Ion:276 Resp: 29

Ion	Ratio	Lower	Upper
276	100		
138	10.3	22.2	33.4#
227	31.0	0.1	0.1#



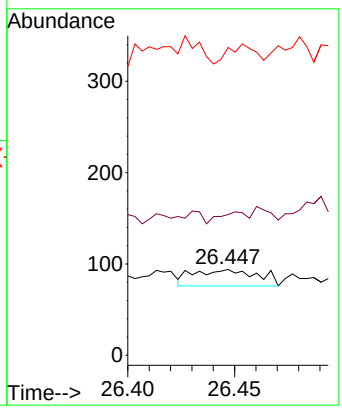


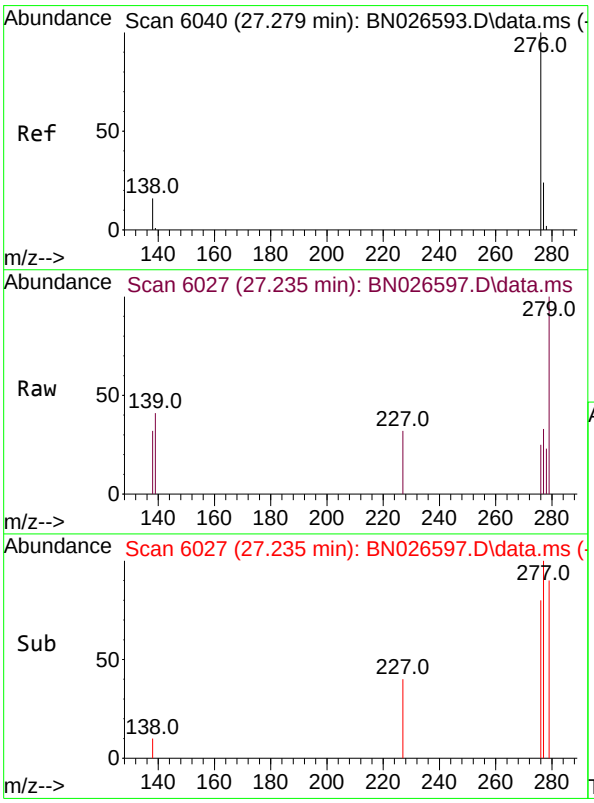
#28
Dibenzo(a,h)anthracene
Concen: 0.001 ng/ul
RT: 26.447 min Scan# 5
Delta R.T. -0.064 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Instrument :
BNA_N
ClientSampleId :
GWBR-04-359-374-071423

Tgt Ion:278 Resp: 37

Ion	Ratio	Lower	Upper
278	100		
139	163.8	18.9	28.3#
279	358.5	31.3	46.9#





#29
Benzo(g,h,i)perylene
Concen: 0.000 ng/ul
RT: 27.235 min Scan# 6027
Delta R.T. -0.043 min
Lab File: BN026597.D
Acq: 19 Jul 2023 15:20

Tgt Ion:276 Resp: 8

Ion	Ratio	Lower	Upper
276	100		
138	129.9	22.6	34.0#
277	132.2	21.8	32.8#