Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
Data File : BN025861.D
Acq On : 15 Jun 2023 16:54
Operator : MA/JU
Sample : 03225-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Quant Time: Jun 16 01:46:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 01:41:46 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.998	152	5009	0.400	ng	0.00
7) Naphthalene-d8	10.814	136	13096	0.400	ng	0.00
13) Acenaphthene-d10	14.630	164	6824	0.400	ng	0.00
19) Phenanthrene-d10	17.381	188	14209	0.400	ng	# 0.00
29) Chrysene-d12	21.560	240	11500	0.400	ng	0.00
35) Perylene-d12	24.045	264	11628	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.549	112	1509	0.107	ng	0.01
5) Phenol-d6	7.167	99	893	0.052	ng	0.01
8) Nitrobenzene-d5	9.170	82	3596	0.296	ng	0.01
11) 2-Methylnaphthalene-d10	12.400	152	6381	0.338	ng	0.00
14) 2,4,6-Tribromophenol	16.127	330	816	0.388	ng	0.00
15) 2-Fluorobiphenyl	13.261	172	10696	0.371	ng	0.00
27) Fluoranthene-d10	19.407	212	13348	0.457	ng	0.00
31) Terphenyl-d14	19.992	244	11310	0.405	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.383	88	211407	35.972	ng	# 93
25) Phenanthrene	17.418	178	1739	0.040	ng	96
28) Fluoranthene	19.435	202	5811	0.135	ng	# 92
30) Pyrene	19.797	202	4965	0.076	ng	# 96
32) Benzo(a)anthracene	21.596	228	5243	0.118	ng	92
33) Chrysene	21.596	228	5090	0.108	ng	96
34) Bis(2-ethylhexyl)phtha...	21.462	149	9620	0.364	ng	95
36) Indeno(1,2,3-cd)pyrene	26.653	276	3845	0.076	ng	95
37) Benzo(b)fluoranthene	23.285	252	8382	0.183	ng	# 83
38) Benzo(k)fluoranthene	23.332	252	5530	0.118	ng	# 73
39) Benzo(a)pyrene	23.940	252	4062	0.093	ng	# 63
40) Dibenzo(a,h)anthracene	26.671	278	1946	0.048	ng	# 46
41) Benzo(g,h,i)perylene	27.451	276	3984	0.088	ng	91

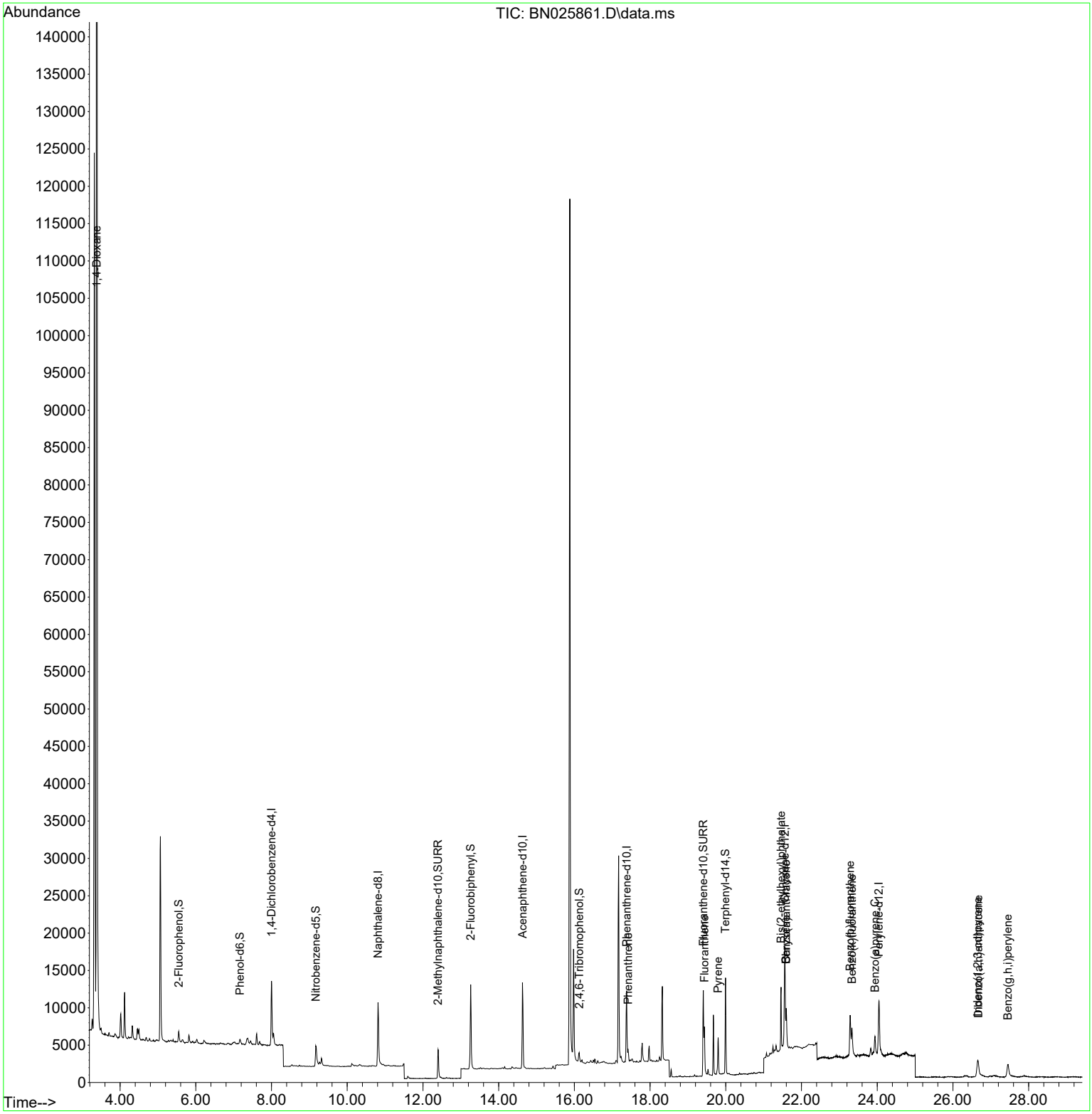
(#) = qualifier out of range (m) = manual integration (+) = signals summed

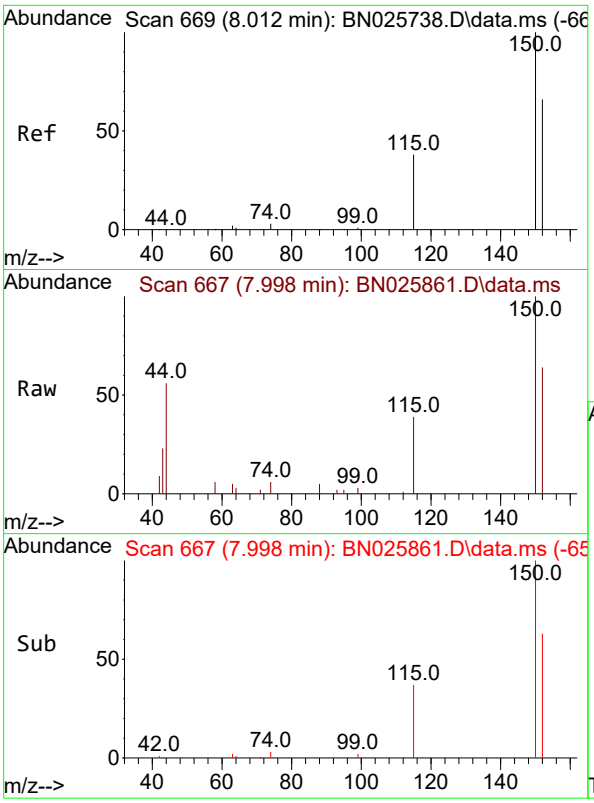
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061523\
Data File : BN025861.D
Acq On : 15 Jun 2023 16:54
Operator : MA/JU
Sample : 03225-04
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Quant Time: Jun 16 01:46:17 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN053123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 16 01:41:46 2023
Response via : Initial Calibration



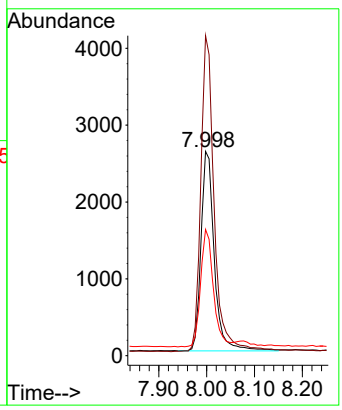


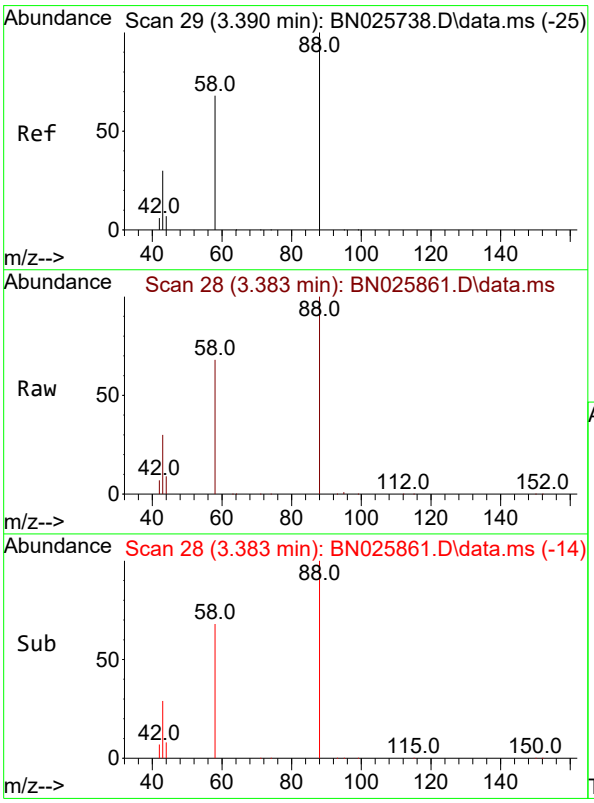
#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.998 min Scan# 6
Delta R.T. -0.000 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Tgt Ion:152 Resp: 5009

Ion	Ratio	Lower	Upper
152	100		
150	156.6	121.5	182.3
115	61.8	47.7	71.5

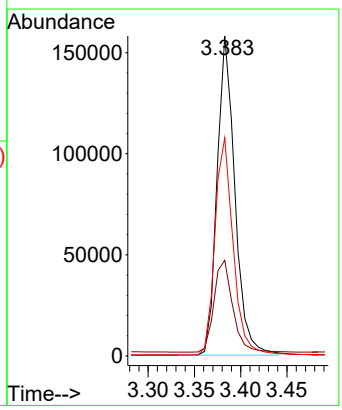


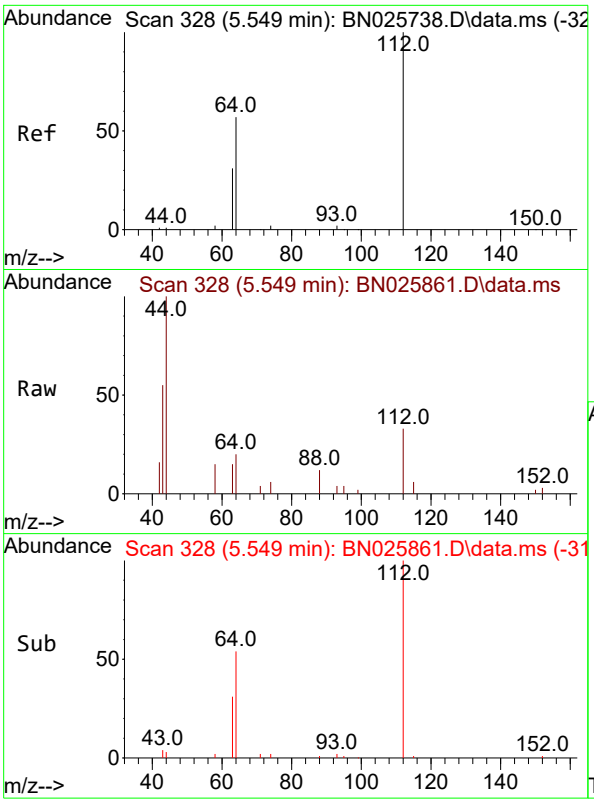


#2
1,4-Dioxane
Concen: 35.972 ng
RT: 3.383 min Scan# 28
Delta R.T. 0.000 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Tgt Ion: 88 Resp: 211407

Ion	Ratio	Lower	Upper
88	100		
43	30.0	31.0	46.4#
58	69.4	57.3	85.9



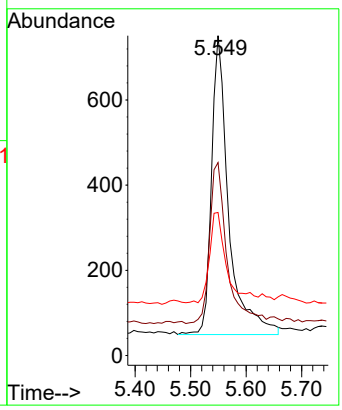


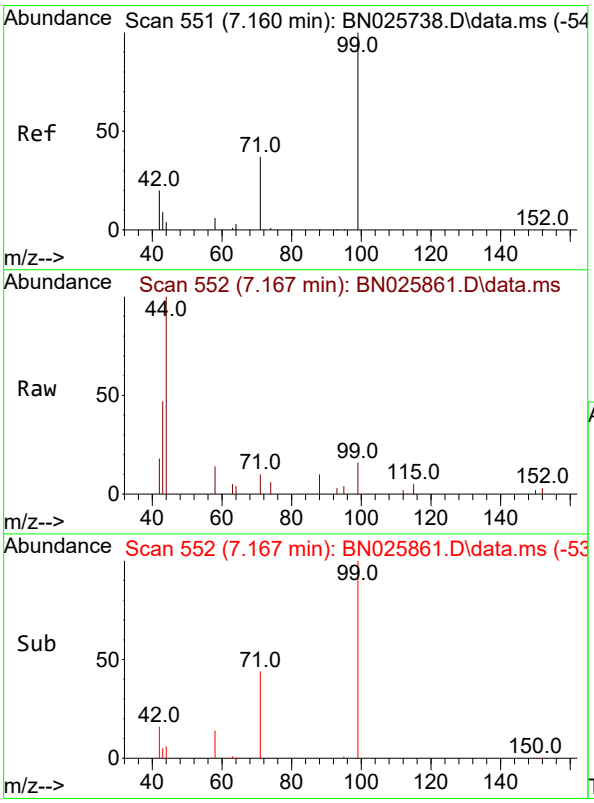
#4
2-Fluorophenol
Concen: 0.107 ng
RT: 5.549 min Scan# 3
Delta R.T. 0.015 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Tgt Ion:112 Resp: 1509

Ion	Ratio	Lower	Upper
112	100		
64	54.4	47.5	71.3
63	29.8	26.2	39.4

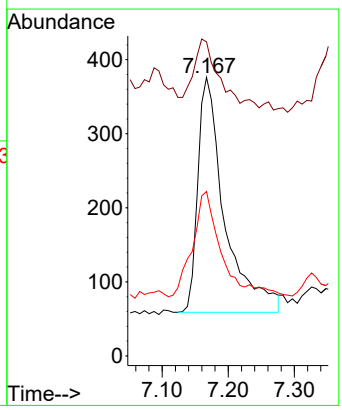


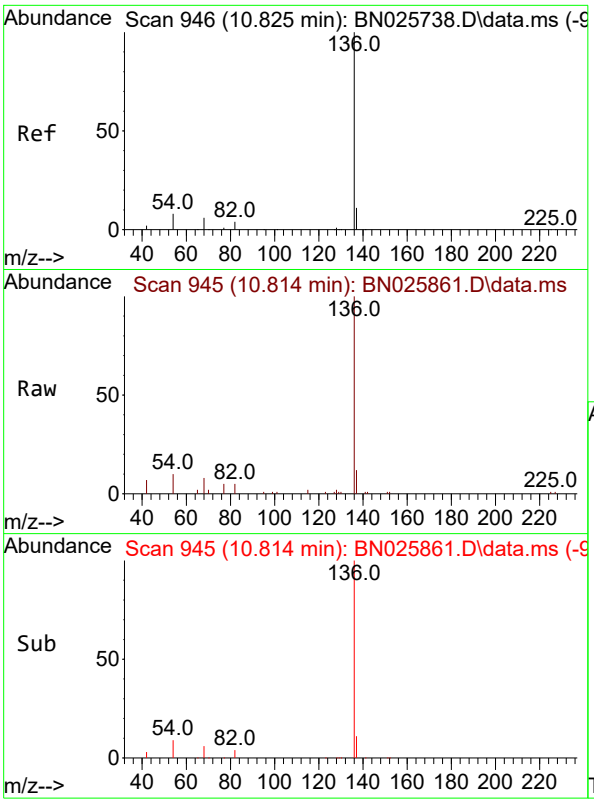


#5
Phenol-d6
Concen: 0.052 ng
RT: 7.167 min Scan# 552
Delta R.T. 0.015 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Tgt Ion: 99 Resp: 893

Ion	Ratio	Lower	Upper
99	100		
42	27.4	18.6	28.0
71	47.9	30.5	45.7#



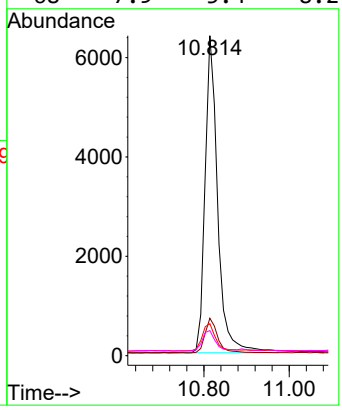


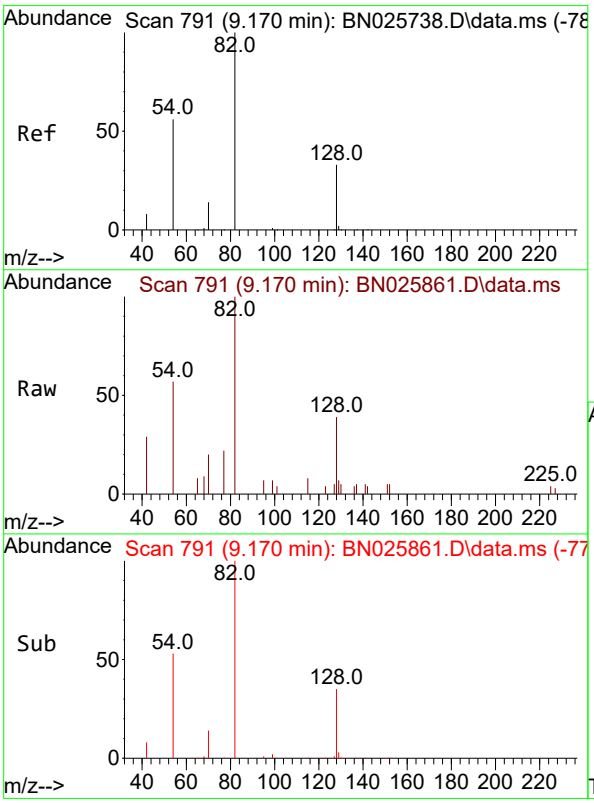
#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.814 min Scan# 94
Delta R.T. 0.000 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Tgt Ion:136 Resp: 13096

Ion	Ratio	Lower	Upper
136	100		
137	11.7	9.3	13.9
54	10.0	7.2	10.8
68	7.9	5.4	8.2

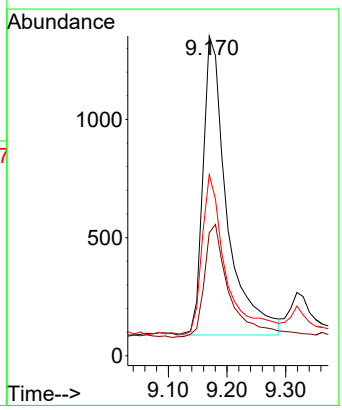


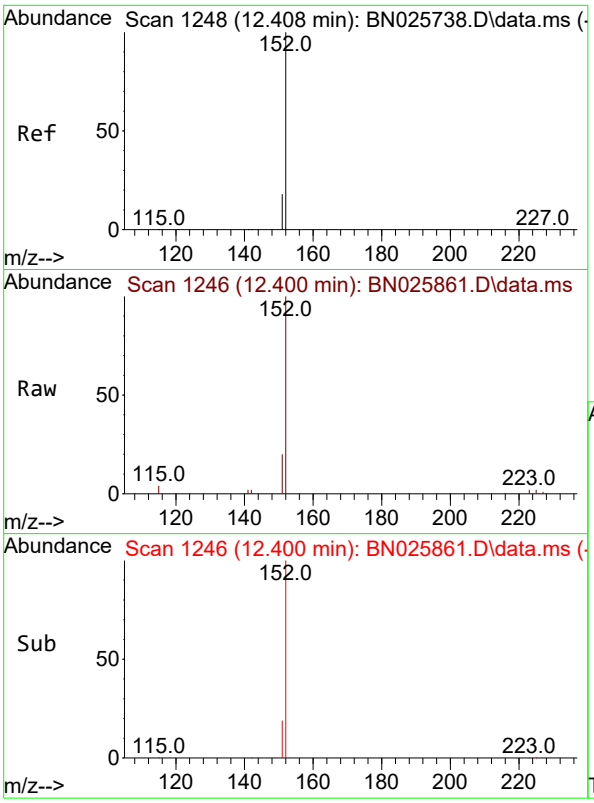


#8
Nitrobenzene-d5
Concen: 0.296 ng
RT: 9.170 min Scan# 791
Delta R.T. 0.011 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Tgt Ion: 82 Resp: 3596

Ion	Ratio	Lower	Upper
82	100		
128	38.5	27.6	41.4
54	56.6	45.7	68.5



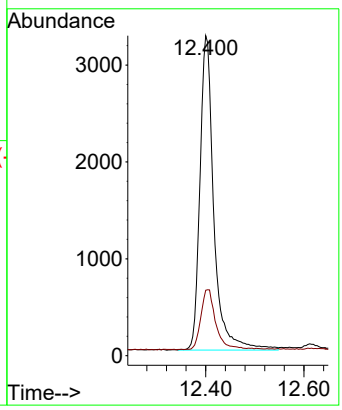


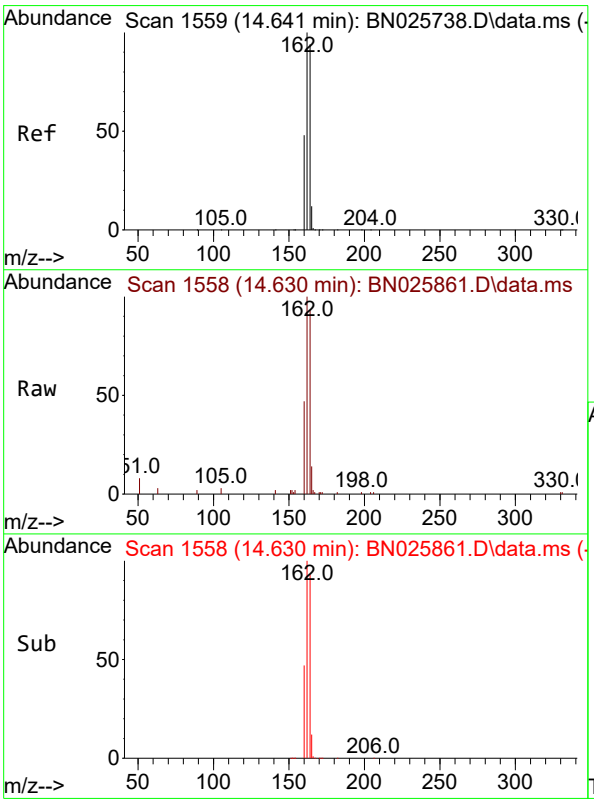
#11
2-Methylnaphthalene-d10
Concen: 0.338 ng
RT: 12.400 min Scan# 1
Delta R.T. 0.004 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Tgt Ion:152 Resp: 6381

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.4	24.6

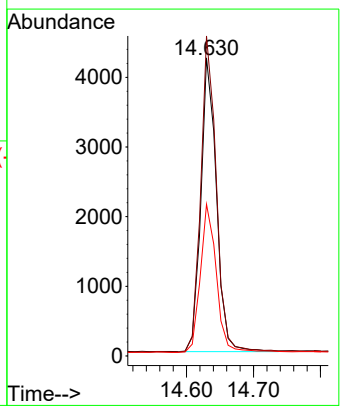


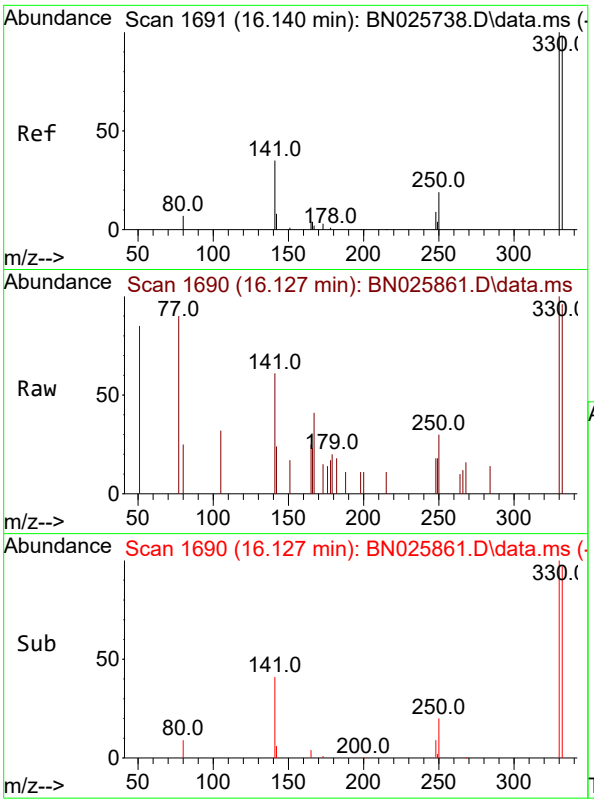


#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 14.630 min Scan# 1558
Delta R.T. 0.000 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Tgt Ion:164 Resp: 6824

Ion	Ratio	Lower	Upper
164	100		
162	107.3	85.0	127.6
160	50.9	41.1	61.7



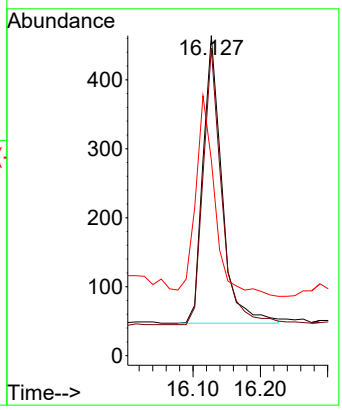


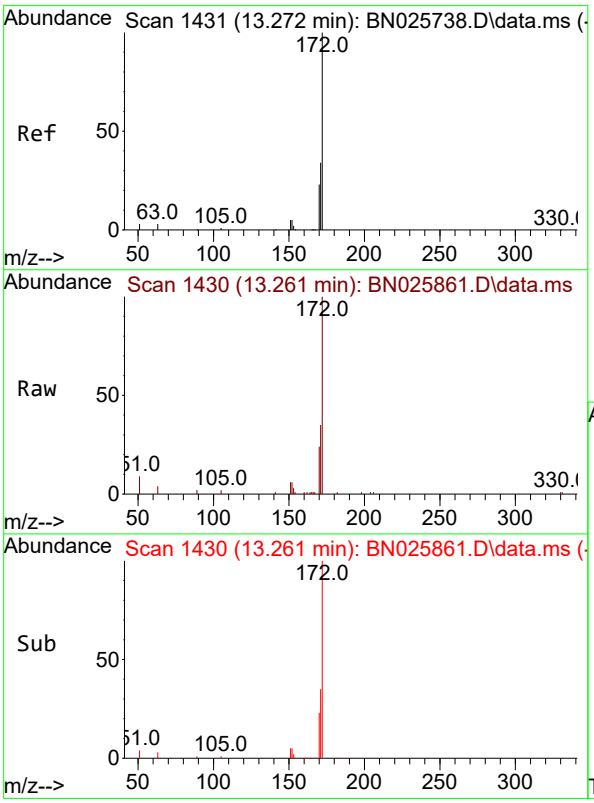
#14
2,4,6-Tribromophenol
Concen: 0.388 ng
RT: 16.127 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Tgt Ion:330 Resp: 816

Ion	Ratio	Lower	Upper
330	100		
332	94.5	77.3	115.9
141	70.7	55.0	82.6

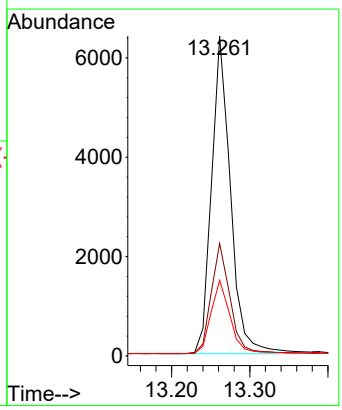


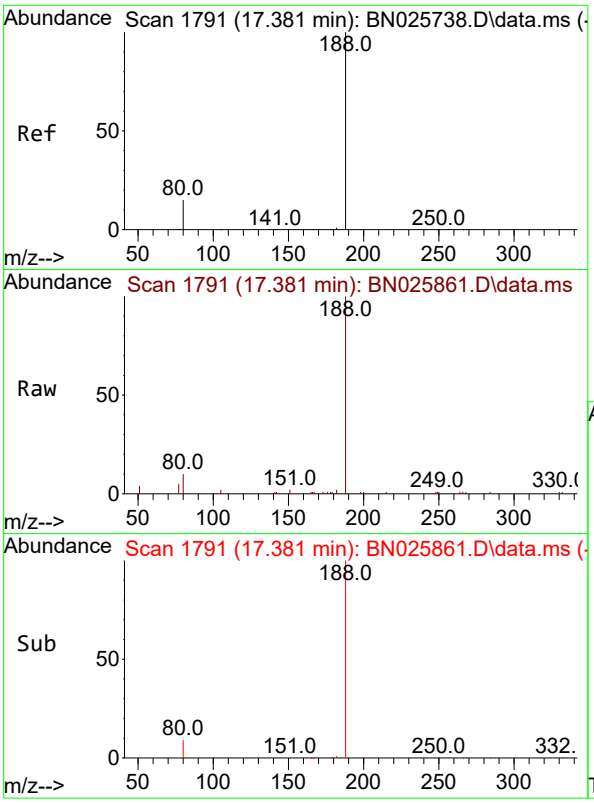


#15
2-Fluorobiphenyl
Concen: 0.371 ng
RT: 13.261 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Tgt Ion:172 Resp: 10696

Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.3	40.9
170	23.7	18.6	28.0



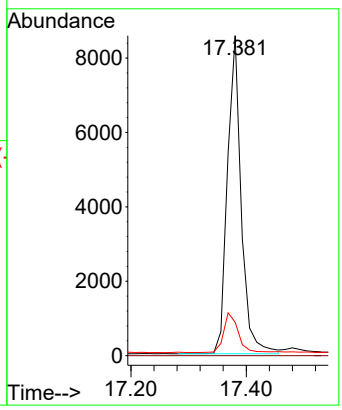


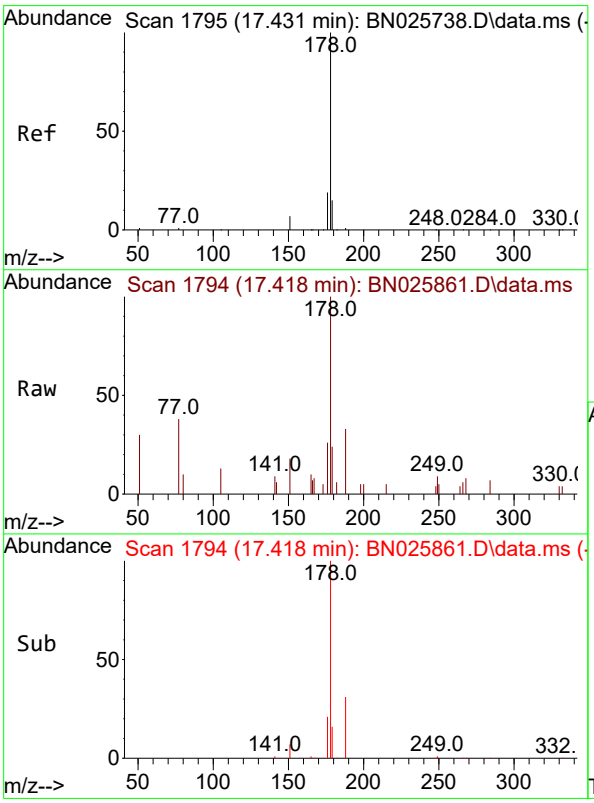
#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 17.381 min Scan# 1
Delta R.T. 0.000 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Tgt Ion:188 Resp: 14209

Ion	Ratio	Lower	Upper
188	100		
94	0.0	0.0	0.0
80	10.5	12.1	18.1#

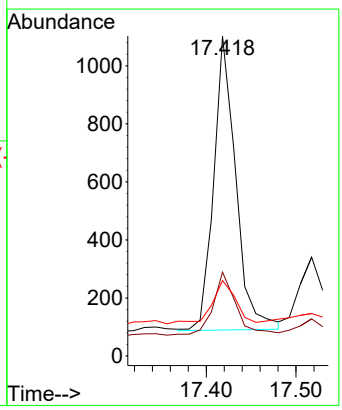


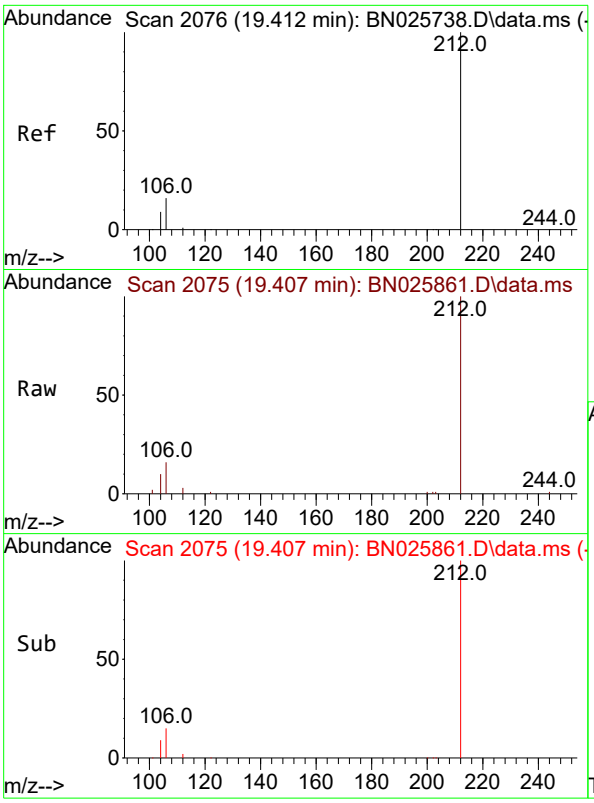


#25
Phenanthrene
Concen: 0.040 ng
RT: 17.418 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Tgt Ion:178 Resp: 1739

Ion	Ratio	Lower	Upper
178	100		
176	22.3	15.7	23.5
179	15.5	12.2	18.2



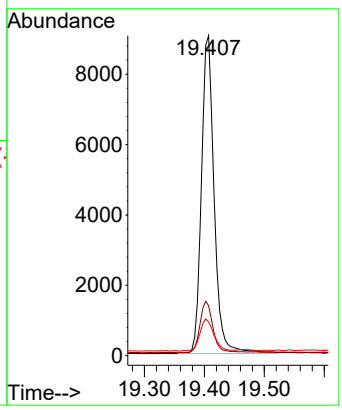


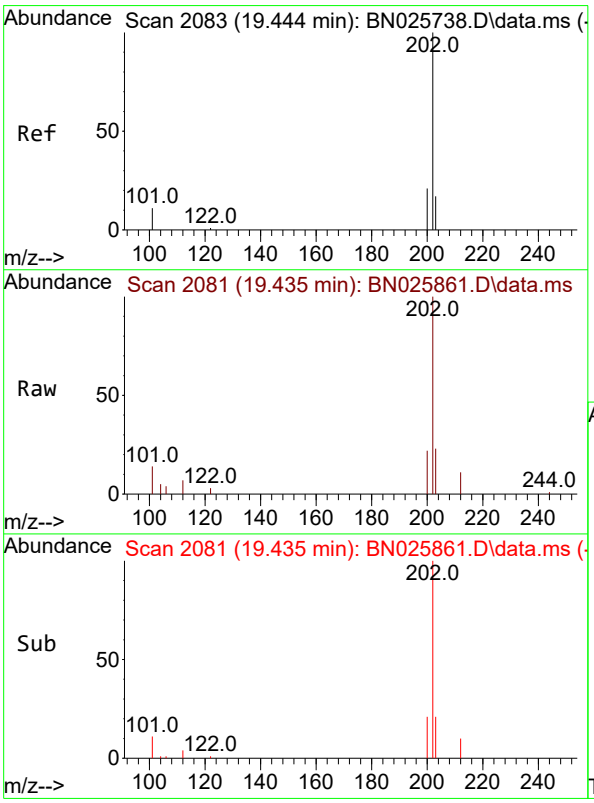
#27
Fluoranthene-d10
Concen: 0.457 ng
RT: 19.407 min Scan# 2
Delta R.T. 0.005 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Tgt Ion:212 Resp: 13348

Ion	Ratio	Lower	Upper
212	100		
106	16.5	13.0	19.6
104	10.9	7.7	11.5

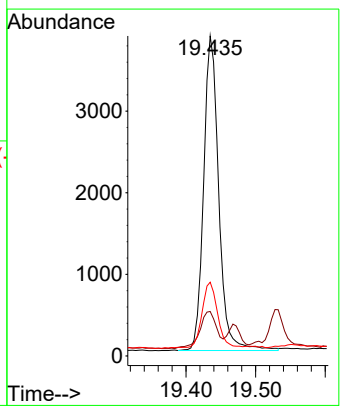


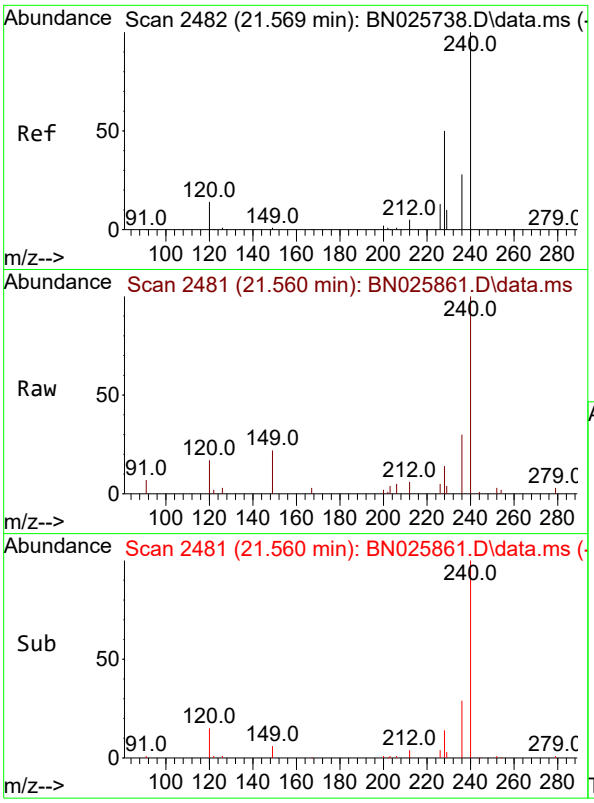


#28
Fluoranthene
Concen: 0.135 ng
RT: 19.435 min Scan# 2081
Delta R.T. 0.000 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Tgt Ion:202 Resp: 5811

Ion	Ratio	Lower	Upper
202	100		
101	13.3	9.8	14.8
203	22.3	13.4	20.2#



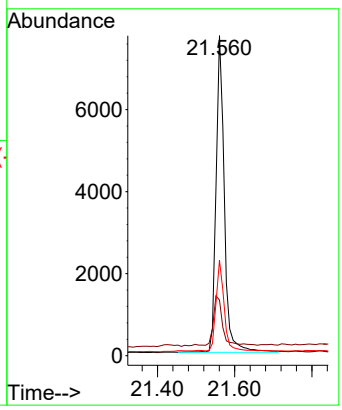


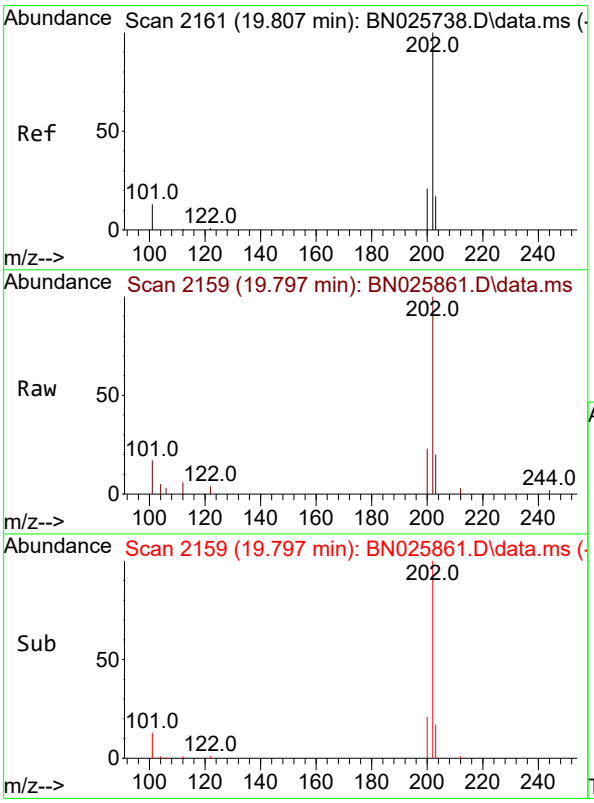
#29
Chrysene-d12
Concen: 0.400 ng
RT: 21.560 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Tgt Ion:240 Resp: 11500

Ion	Ratio	Lower	Upper
240	100		
120	17.4	13.2	19.8
236	29.8	23.1	34.7

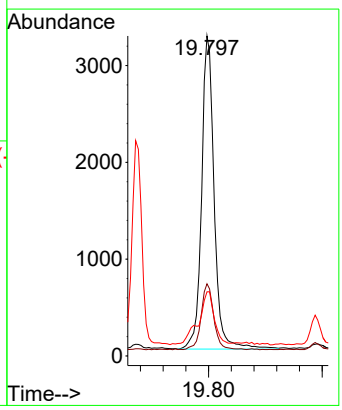


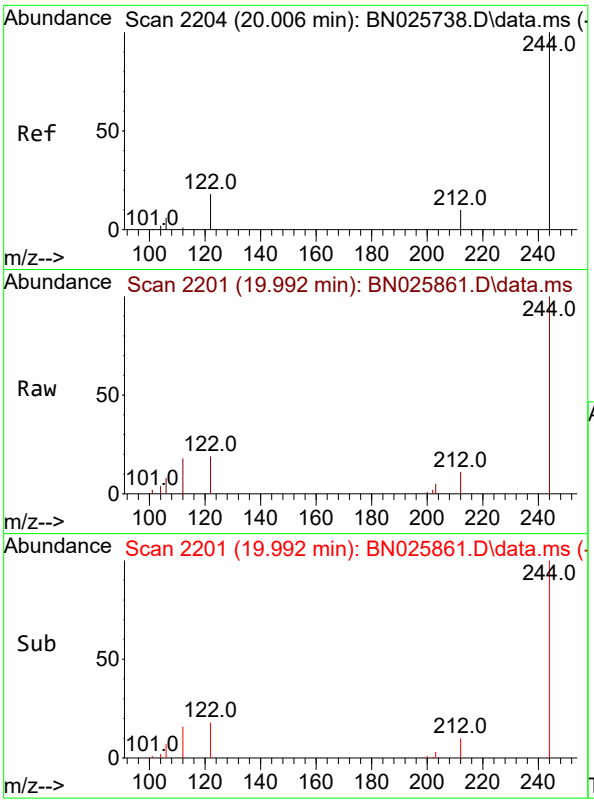


#30
Pyrene
Concen: 0.076 ng
RT: 19.797 min Scan# 2159
Delta R.T. 0.000 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Tgt Ion:202 Resp: 4965

Ion	Ratio	Lower	Upper
202	100		
200	20.9	17.0	25.6
203	21.5	14.2	21.2#



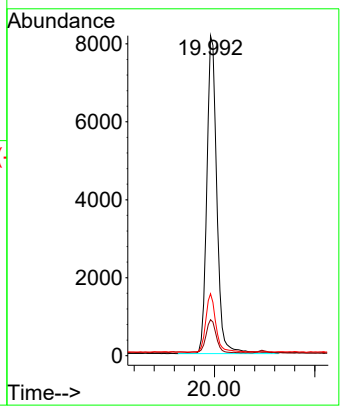


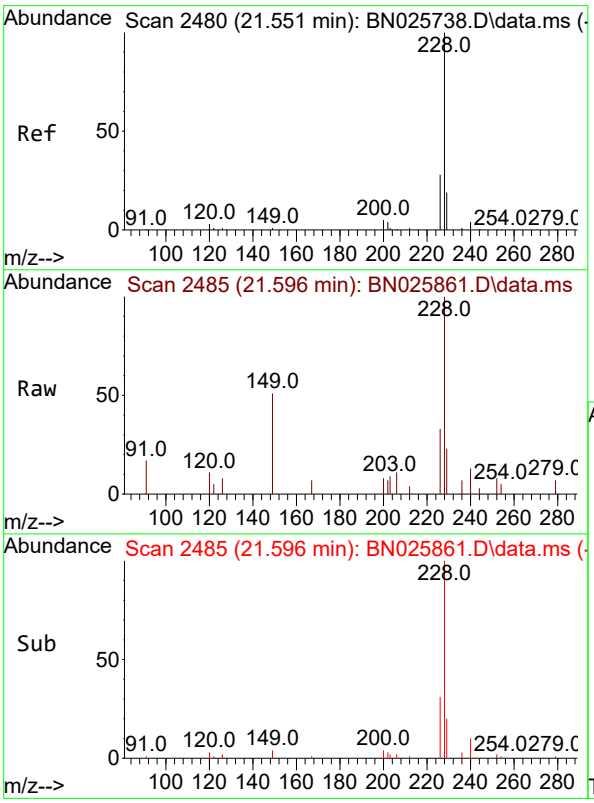
#31
Terphenyl-d14
Concen: 0.405 ng
RT: 19.992 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Tgt Ion:244 Resp: 11310

Ion	Ratio	Lower	Upper
244	100		
212	11.3	8.6	12.8
122	19.3	15.2	22.8

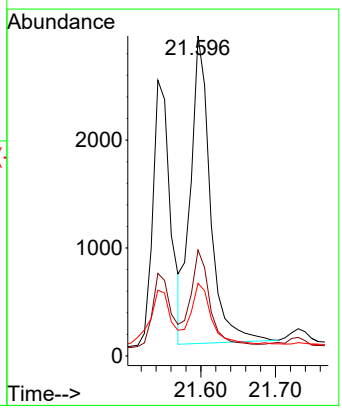


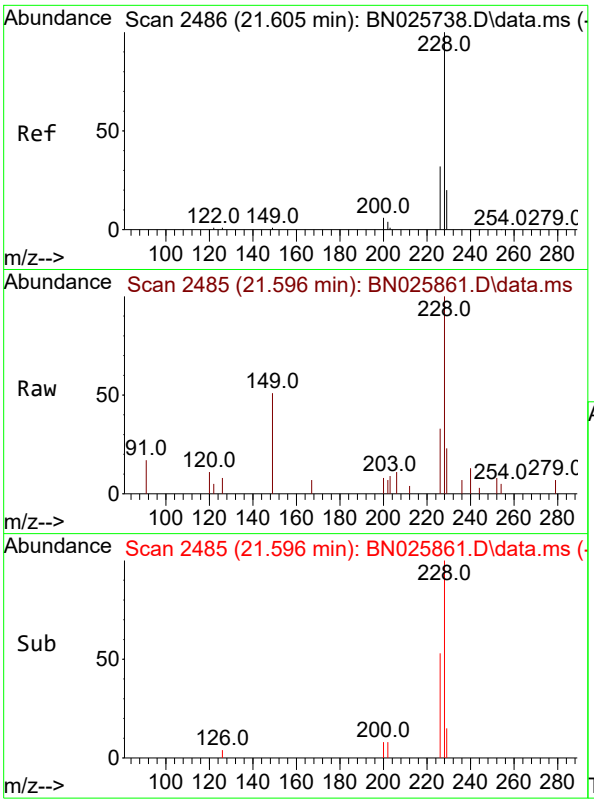


#32
Benzo(a)anthracene
Concen: 0.118 ng
RT: 21.596 min Scan# 2485
Delta R.T. 0.054 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Tgt Ion:228 Resp: 5243

Ion	Ratio	Lower	Upper
228	100		
226	33.1	22.9	34.3
229	22.7	15.6	23.4



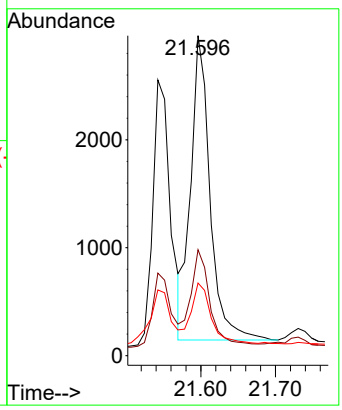


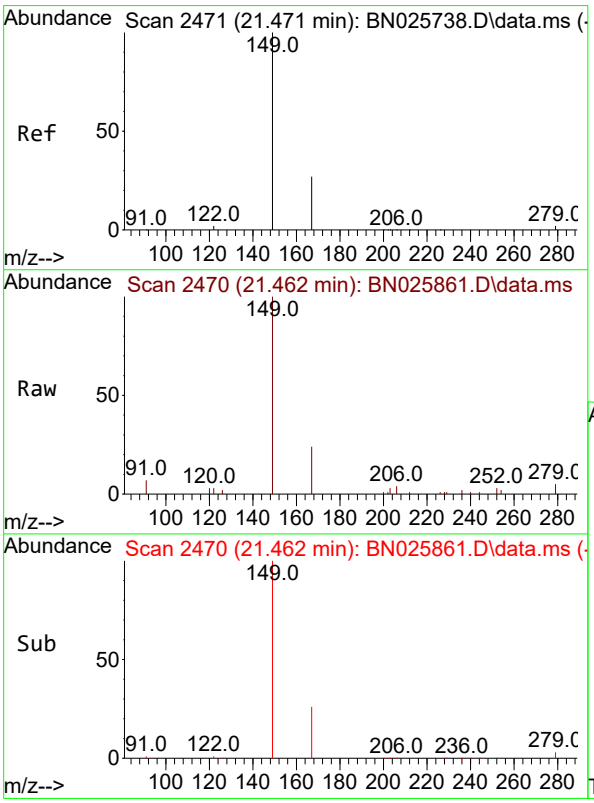
#33
Chrysene
Concen: 0.108 ng
RT: 21.596 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Tgt Ion:228 Resp: 5090

Ion	Ratio	Lower	Upper
228	100		
226	33.1	25.4	38.2
229	22.7	16.1	24.1

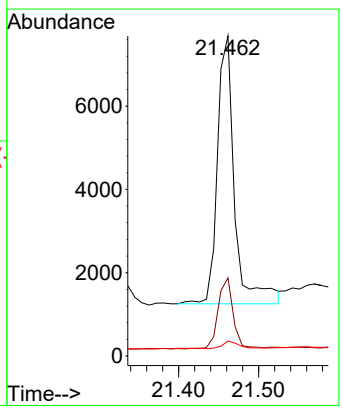


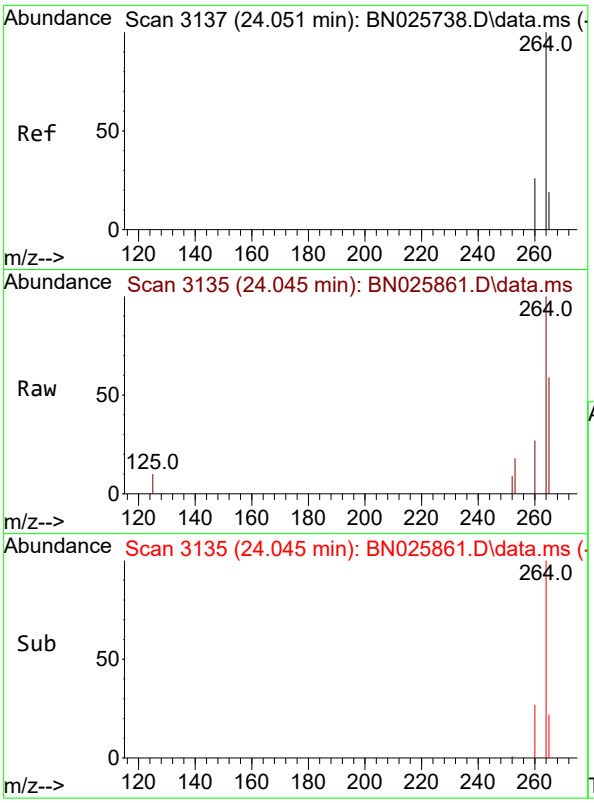


#34
Bis(2-ethylhexyl)phthalate
Concen: 0.364 ng
RT: 21.462 min Scan# 2470
Delta R.T. 0.000 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Tgt Ion:149 Resp: 9620

Ion	Ratio	Lower	Upper
149	100		
167	23.5	21.0	31.6
279	3.1	2.2	3.4



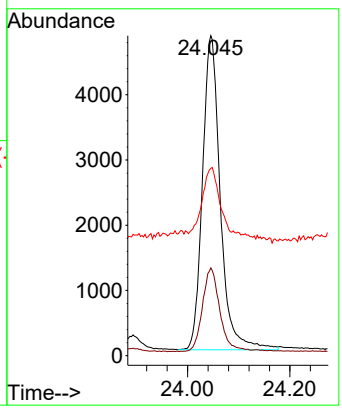


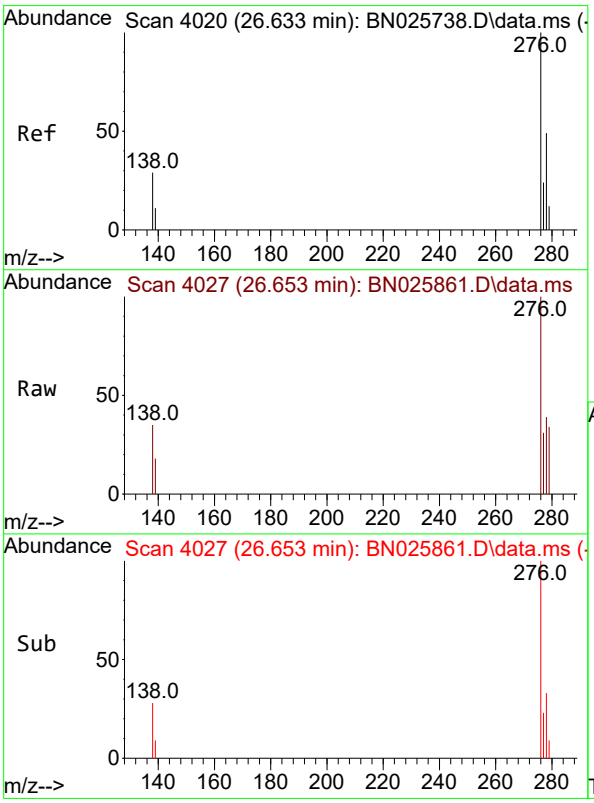
#35
Perylene-d12
Concen: 0.400 ng
RT: 24.045 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Tgt Ion:264 Resp: 11628

Ion	Ratio	Lower	Upper
264	100		
260	27.4	21.4	32.2
265	58.6	44.7	67.1

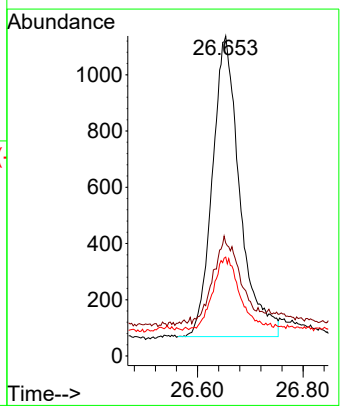


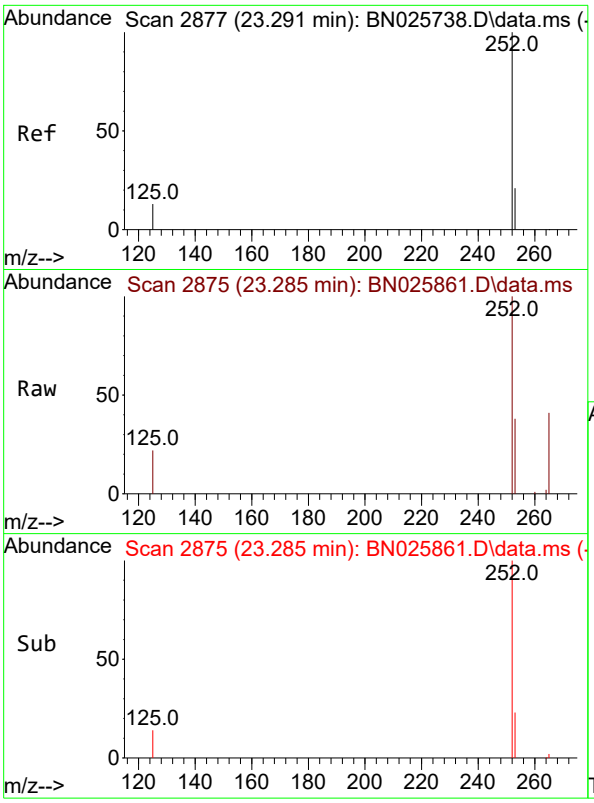


#36
Indeno(1,2,3-cd)pyrene
Concen: 0.076 ng
RT: 26.653 min Scan# 4027
Delta R.T. 0.012 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Tgt Ion:276 Resp: 3845

Ion	Ratio	Lower	Upper
276	100		
138	28.1	26.1	39.1
277	23.4	19.4	29.2



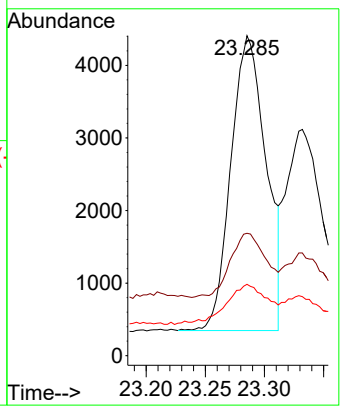


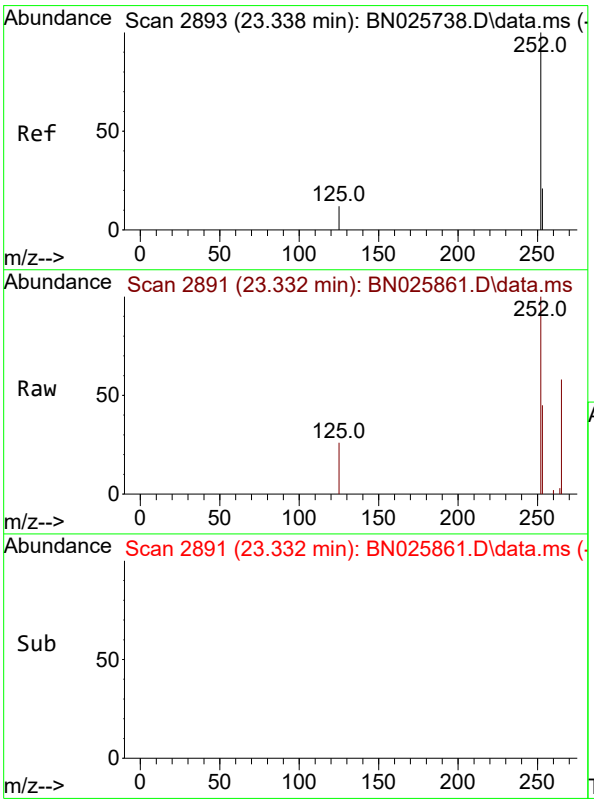
#37
Benzo(b)fluoranthene
Concen: 0.183 ng
RT: 23.285 min Scan# 2
Delta R.T. 0.003 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Tgt Ion:252 Resp: 8382

Ion	Ratio	Lower	Upper
252	100		
253	38.2	23.4	35.0#
125	22.3	12.3	18.5#

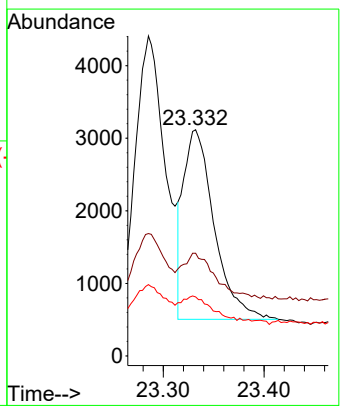


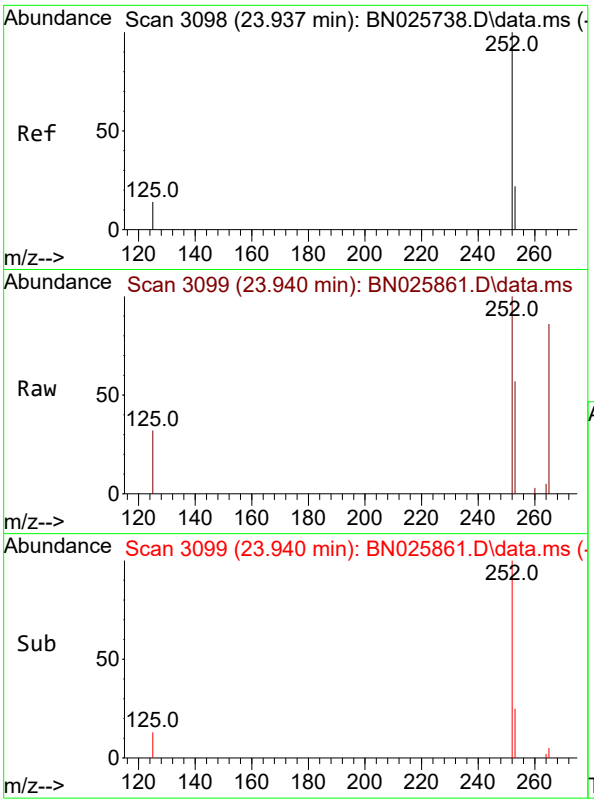


#38
Benzo(k)fluoranthene
Concen: 0.118 ng
RT: 23.332 min Scan# 2891
Delta R.T. 0.003 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Tgt Ion:252 Resp: 5530

Ion	Ratio	Lower	Upper
252	100		
253	45.4	24.2	36.4#
125	26.1	12.2	18.2#



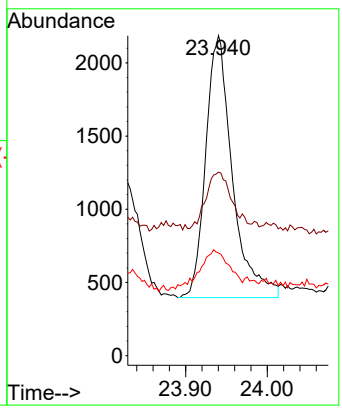


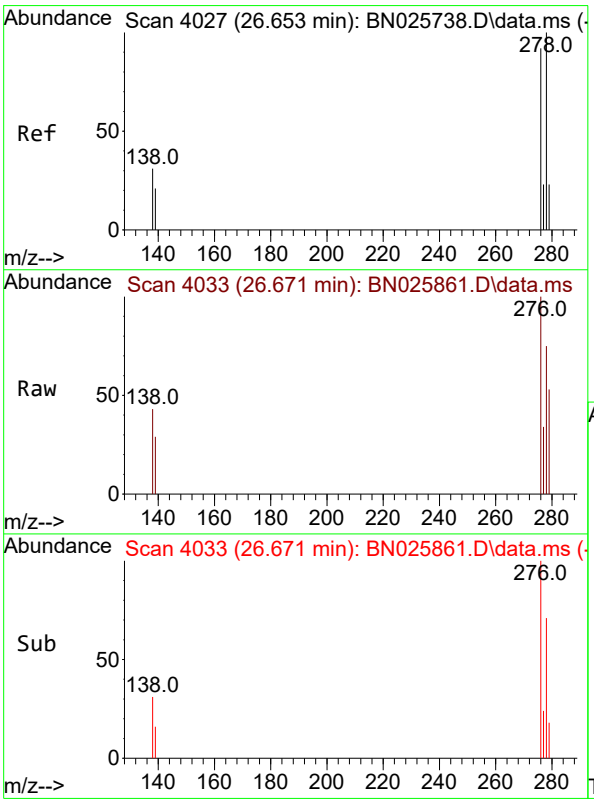
#39
Benzo(a)pyrene
Concen: 0.093 ng
RT: 23.940 min Scan# 3
Delta R.T. 0.003 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Tgt Ion:252 Resp: 4062

Ion	Ratio	Lower	Upper
252	100		
253	57.4	27.5	41.3#
125	32.1	14.6	21.8#

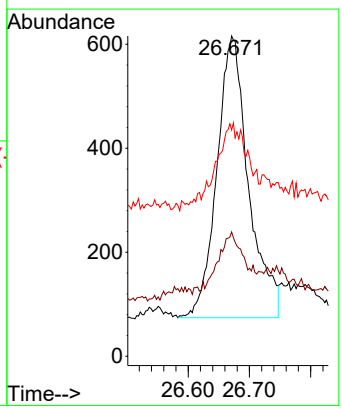


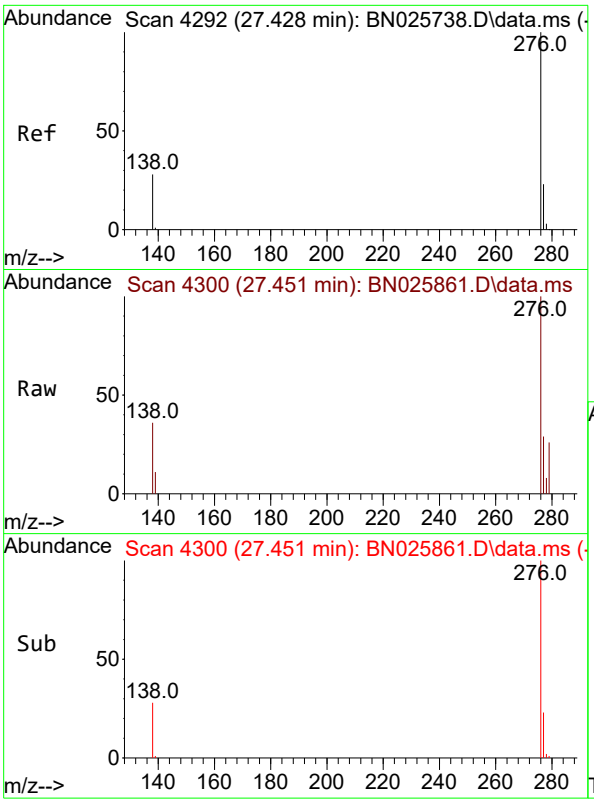


#40
Dibenzo(a,h)anthracene
Concen: 0.048 ng
RT: 26.671 min Scan# 4033
Delta R.T. 0.009 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Tgt Ion:278 Resp: 1946

Ion	Ratio	Lower	Upper
278	100		
139	38.8	18.7	28.1#
279	70.6	25.1	37.7#





#41
Benzo(g,h,i)perylene
Concen: 0.088 ng
RT: 27.451 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN025861.D
Acq: 15 Jun 2023 16:54

Instrument :
BNA_N
ClientSampleId :
GWOW-BR-05-103-123-061323

Tgt Ion:276 Resp: 3984

Ion	Ratio	Lower	Upper
276	100		
277	29.2	20.2	30.2
138	35.7	24.2	36.4