Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021865.D
Acq On : 22 Sep 2022 11:32
Operator : CG/JU
Sample : PB147691BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 23 02:09:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.051	152	5181	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	17114	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.707	164	9169	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.460	188	16493	0.400	ng/ul	0.00
17) Chrysene-d12	21.653	240	9496	0.400	ng/ul	# 0.00
23) Perylene-d12	24.161	264	7154	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	3724	0.584	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	8267	0.305	ng/ul	0.00
18) Fluoranthene-d10	19.487	212	12138	0.344	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.397	88	10159	1.554	ng/ul#	86
5) Naphthalene	10.927	128	14982	0.310	ng/ul	98
7) 2-Methylnaphthalene	12.544	142	9519	0.303	ng/ul	98
8) 1-Methylnaphthalene	12.758	142	9909	0.308	ng/ul	99
10) Acenaphthylene	14.430	152	12167	0.316	ng/ul	99
11) Acenaphthene	14.768	153	10030	0.307	ng/ul	99
12) Fluorene	15.758	166	10988	0.300	ng/ul	99
14) Pentachlorophenol	17.113	266	1028	0.322	ng/ul	98
15) Phenanthrene	17.502	178	16321	0.314	ng/ul	100
16) Anthracene	17.595	178	13104	0.303	ng/ul	99
19) Fluoranthene	19.520	202	15364	0.347	ng/ul	98
20) Pyrene	19.882	202	15134	0.346	ng/ul	95
21) Benzo(a)anthracene	21.635	228	10643	0.335	ng/ul	100
22) Chrysene	21.691	228	12020	0.346	ng/ul	99
24) Benzo(b)fluoranthene	23.386	252	11472	0.330	ng/ul	92
25) Benzo(k)fluoranthene	23.436	252	10426	0.310	ng/ul#	91
26) Benzo(a)pyrene	24.050	252	9899	0.377	ng/ul#	88
27) Indeno(1,2,3-cd)pyrene	26.807	276	11347	0.384	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.834	278	9068	0.361	ng/ul	97
29) Benzo(g,h,i)perylene	27.622	276	10150	0.373	ng/ul	96

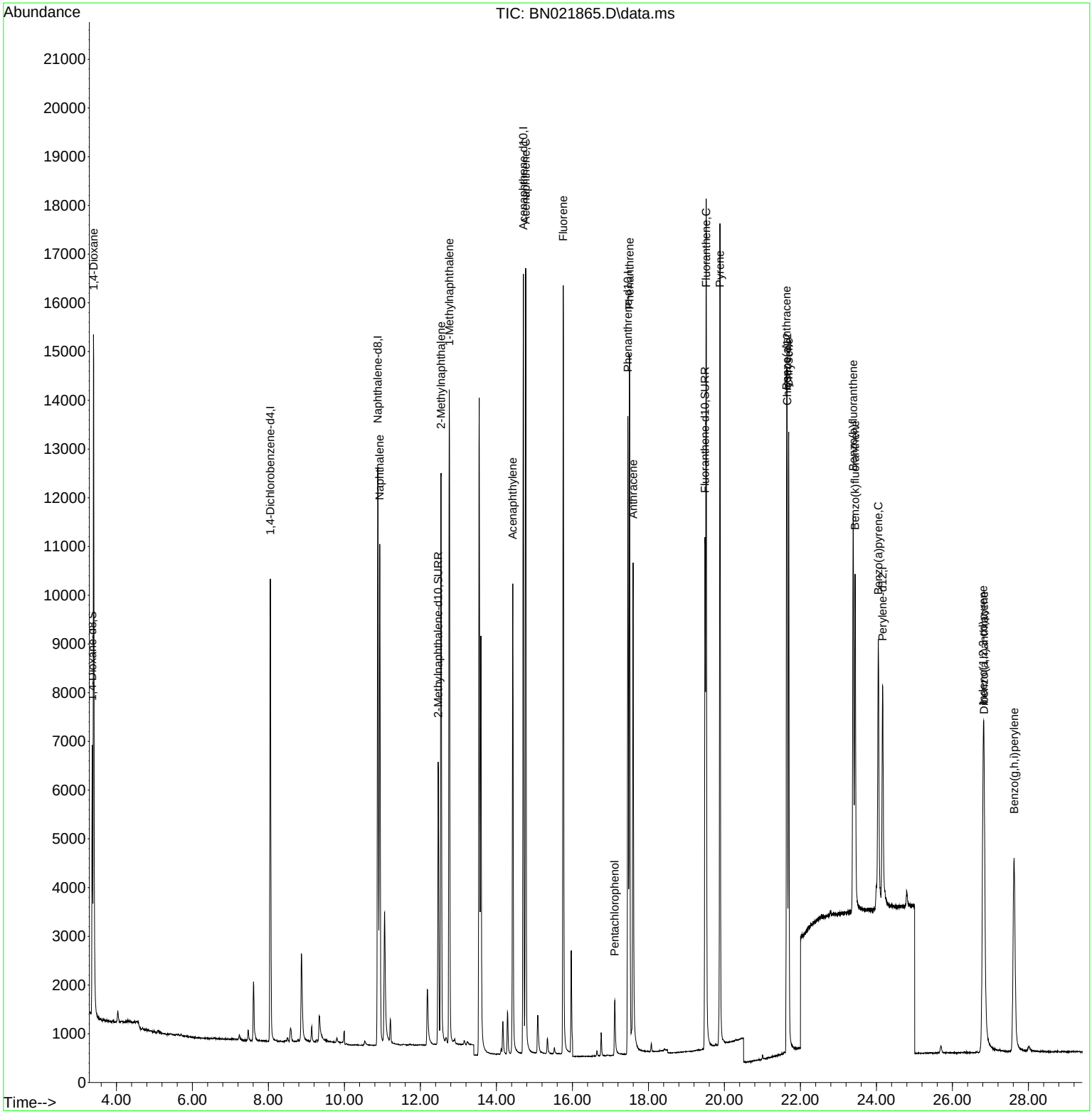
(#) = qualifier out of range (m) = manual integration (+) = signals summed

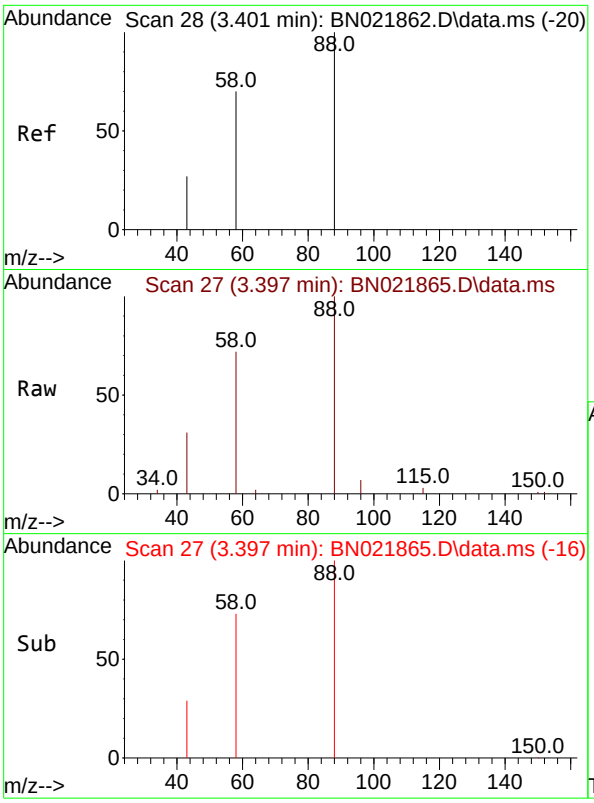
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021865.D
Acq On : 22 Sep 2022 11:32
Operator : CG/JU
Sample : PB147691BS
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Sep 23 02:09:51 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN090822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 20 00:20:21 2022
Response via : Initial Calibration



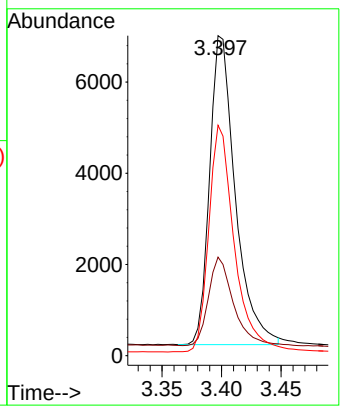


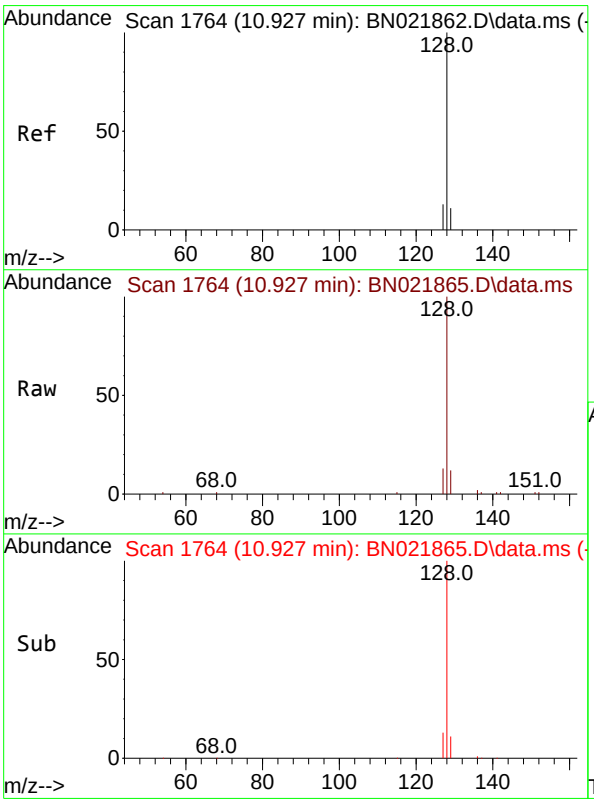
#2
1,4-Dioxane
Concen: 1.554 ng/ul
RT: 3.397 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 10159

Ion	Ratio	Lower	Upper
88	100		
43	30.8	31.4	47.0#
58	72.0	49.0	73.6

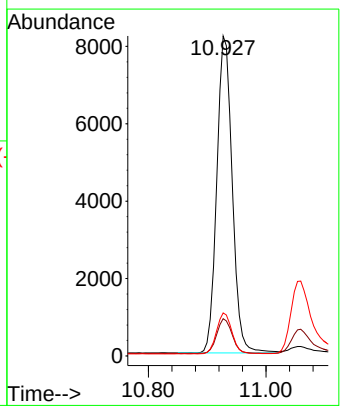


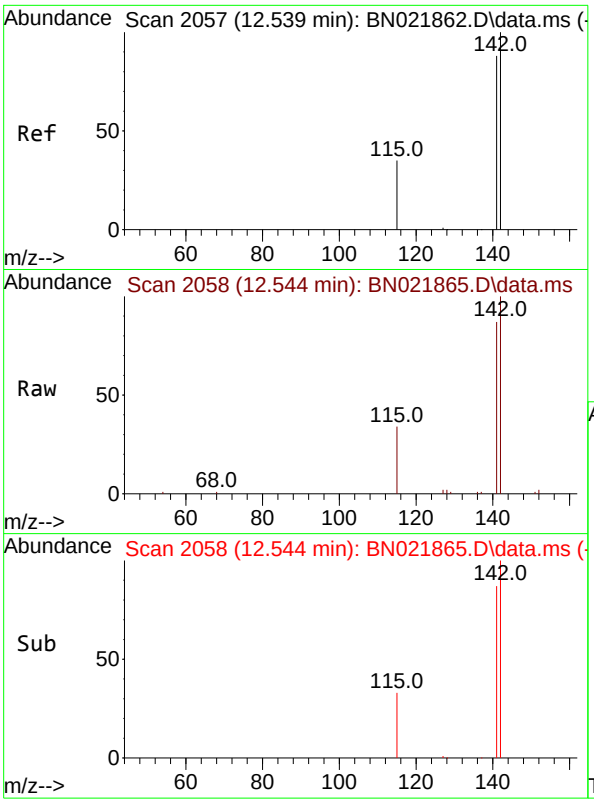


#5
Naphthalene
Concen: 0.310 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:128 Resp: 14982

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	13.5	11.6	17.4



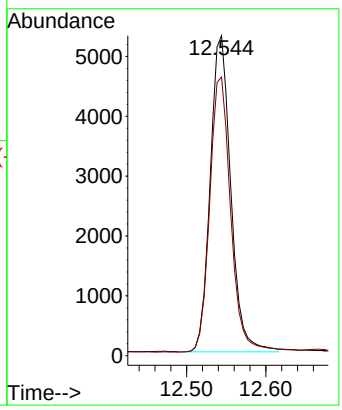


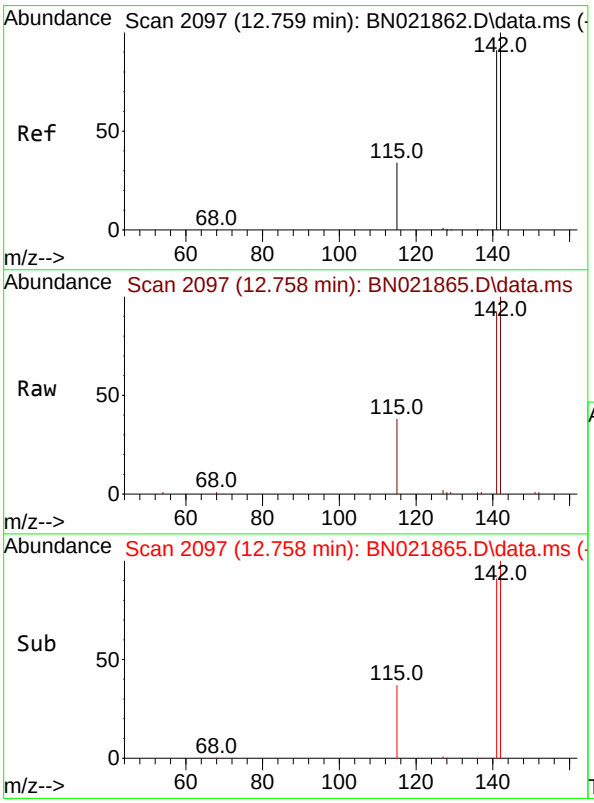
#7
2-Methylnaphthalene
Concen: 0.303 ng/ul
RT: 12.544 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 9519

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.2	108.2

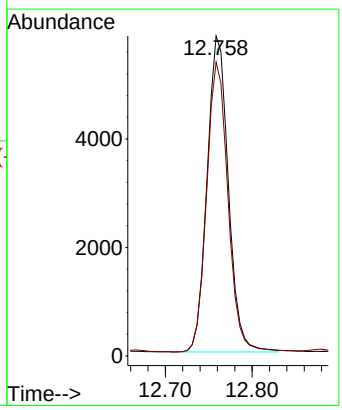


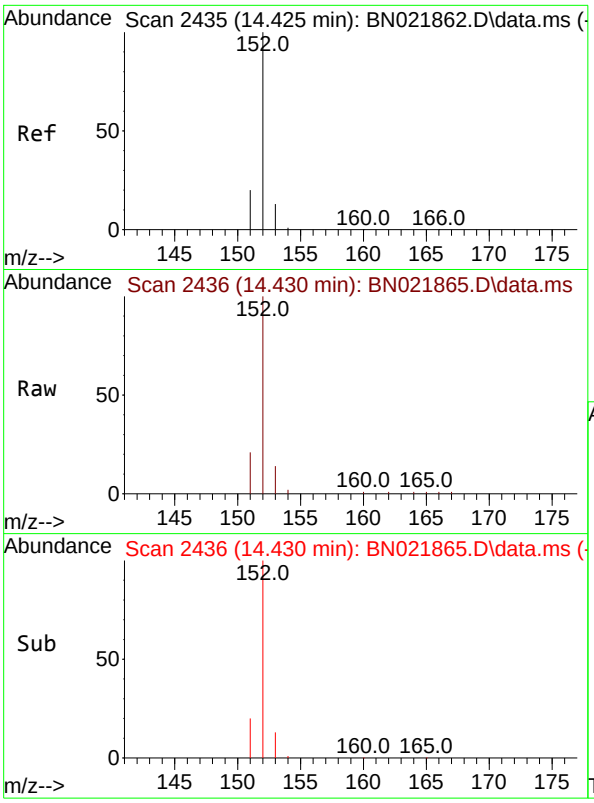


#8
1-Methylnaphthalene
Concen: 0.308 ng/ul
RT: 12.758 min Scan# 2097
Delta R.T. -0.000 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:142 Resp: 9909

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.9	110.9



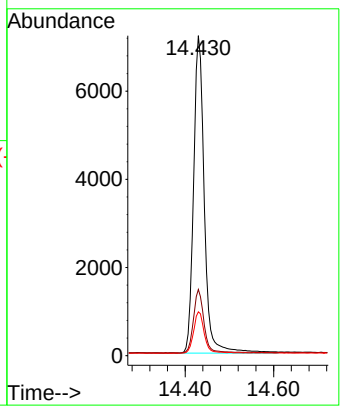


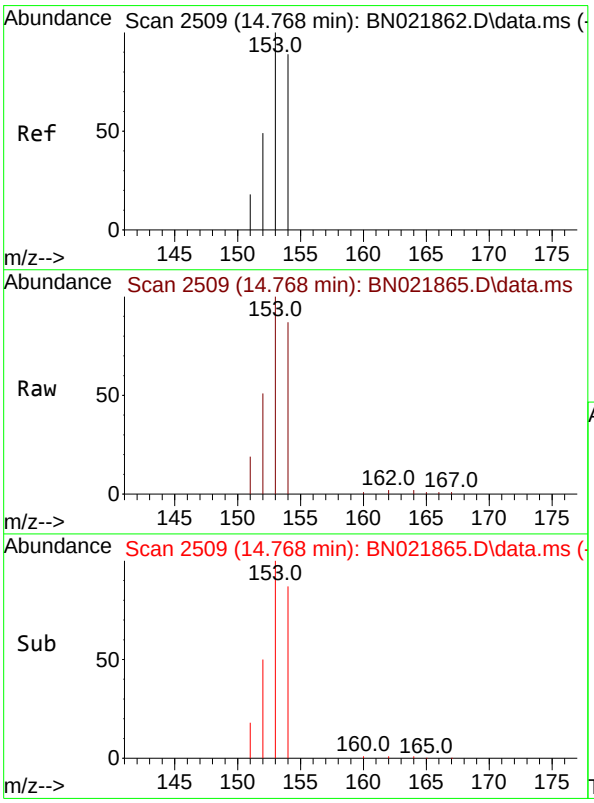
#10
Acenaphthylene
Concen: 0.316 ng/ul
RT: 14.430 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 12167

Ion	Ratio	Lower	Upper
152	100		
151	20.7	16.9	25.3
153	13.7	11.2	16.8

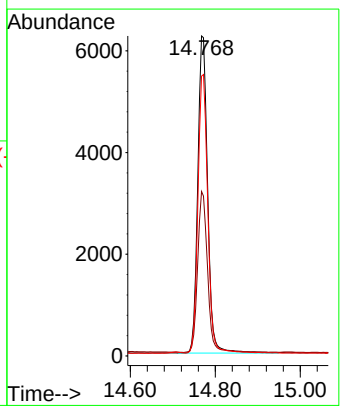


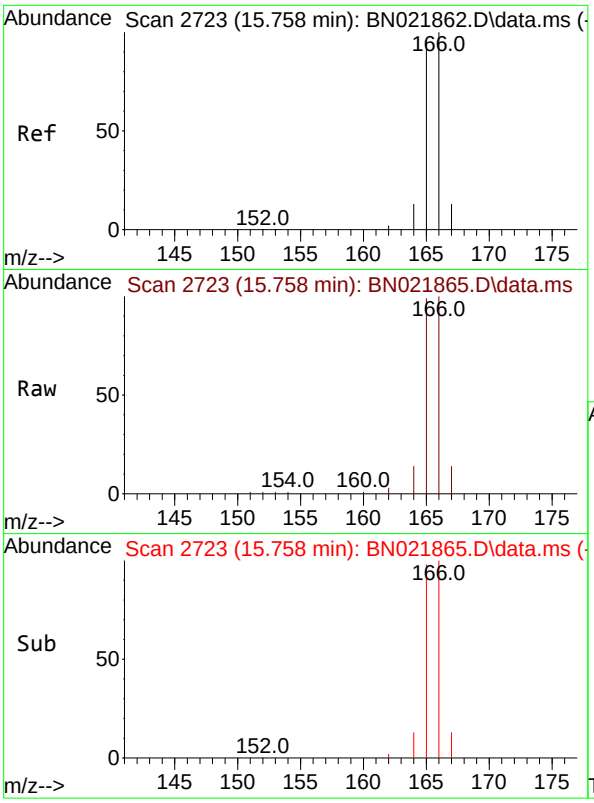


#11
Acenaphthene
Concen: 0.307 ng/ul
RT: 14.768 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:153 Resp: 10030

Ion	Ratio	Lower	Upper
153	100		
152	51.4	40.2	60.4
154	87.5	70.7	106.1



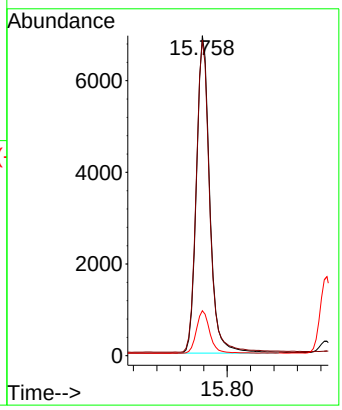


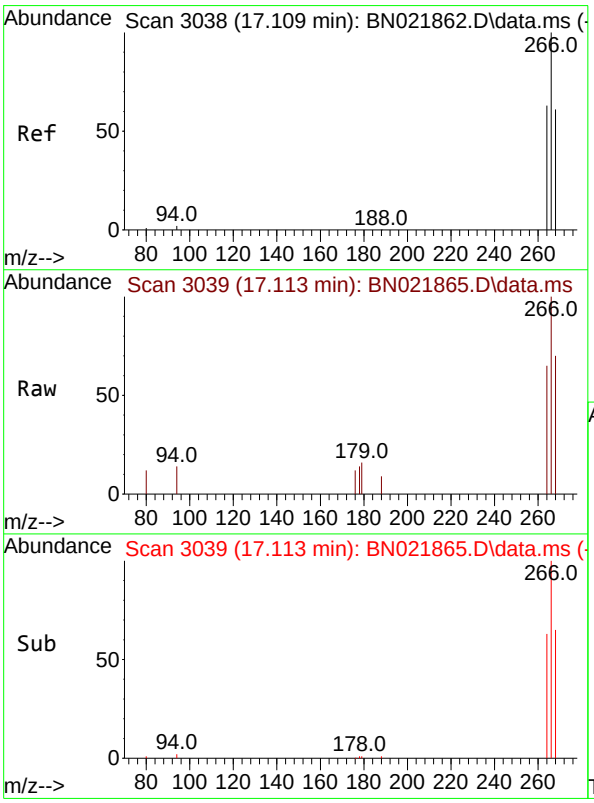
#12
Fluorene
Concen: 0.300 ng/ul
RT: 15.758 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 10988

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	117.8
167	14.0	11.8	17.6

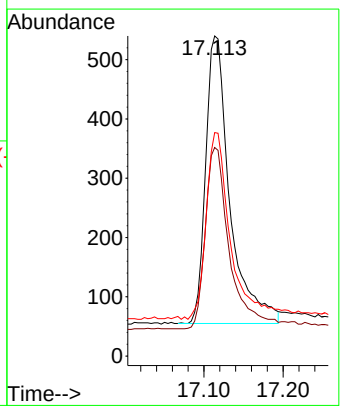


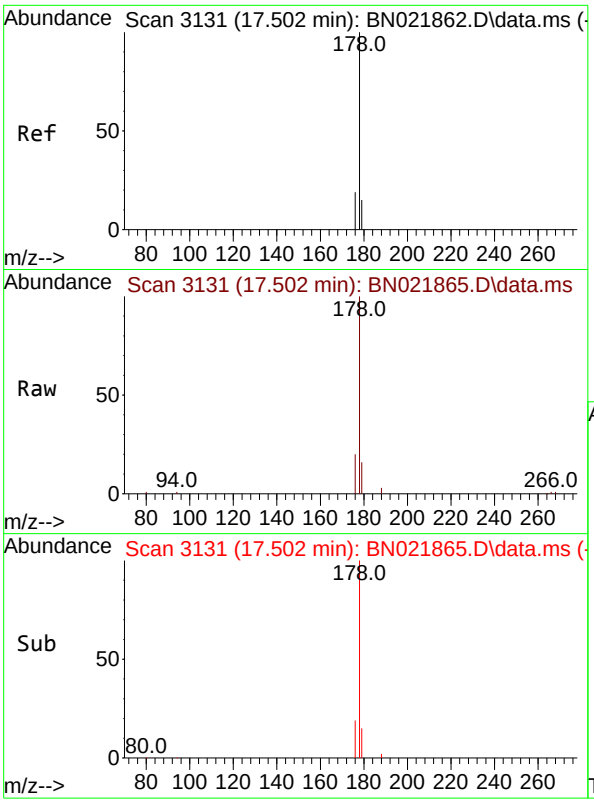


#14
Pentachlorophenol
Concen: 0.322 ng/ul
RT: 17.113 min Scan# 3039
Delta R.T. 0.004 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:266 Resp: 1028

Ion	Ratio	Lower	Upper
266	100		
264	63.0	49.8	74.8
268	65.0	50.6	75.8



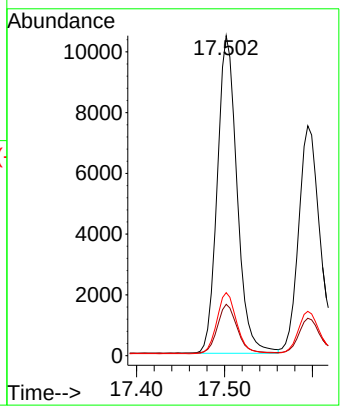


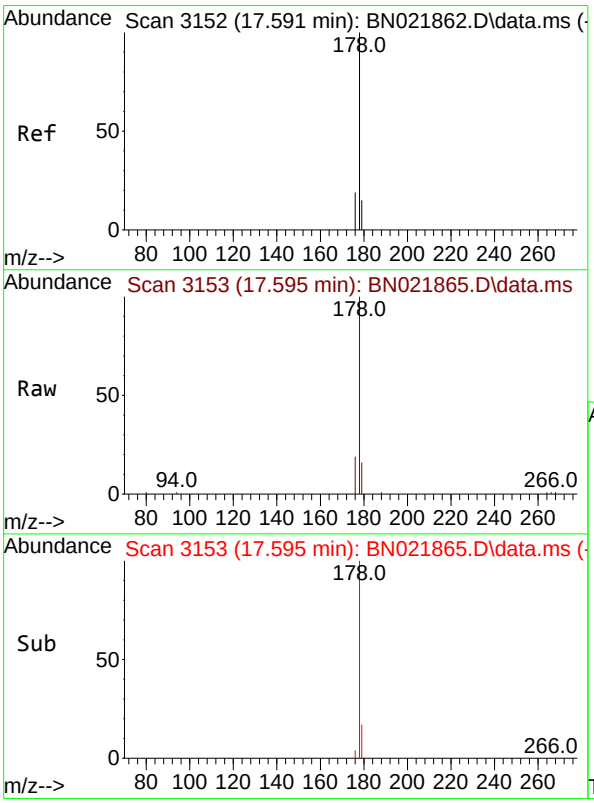
#15
Phenanthrene
Concen: 0.314 ng/ul
RT: 17.502 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 16321

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.7	15.9	23.9

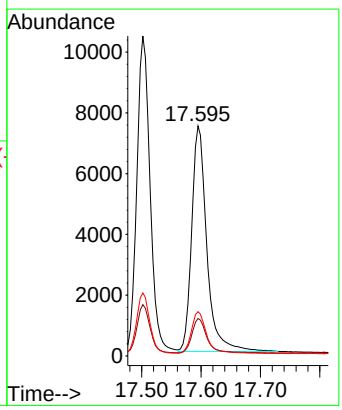


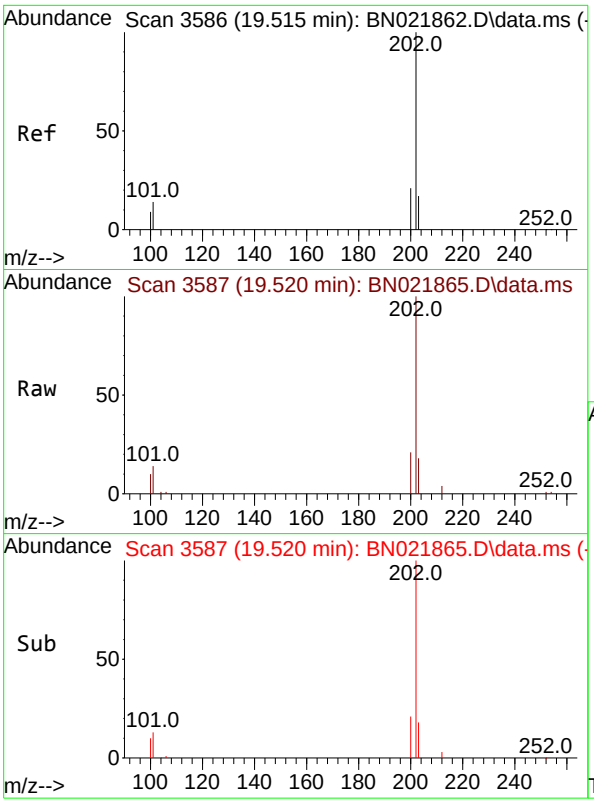


#16
Anthracene
Concen: 0.303 ng/ul
RT: 17.595 min Scan# 3153
Delta R.T. -0.000 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:178 Resp: 13104

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.9	19.3
176	19.3	15.9	23.9



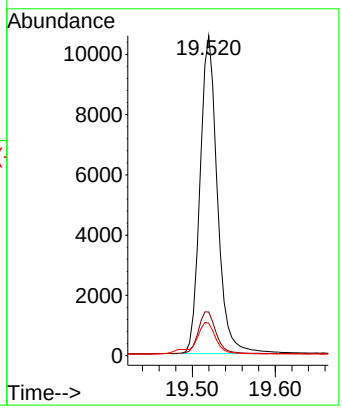


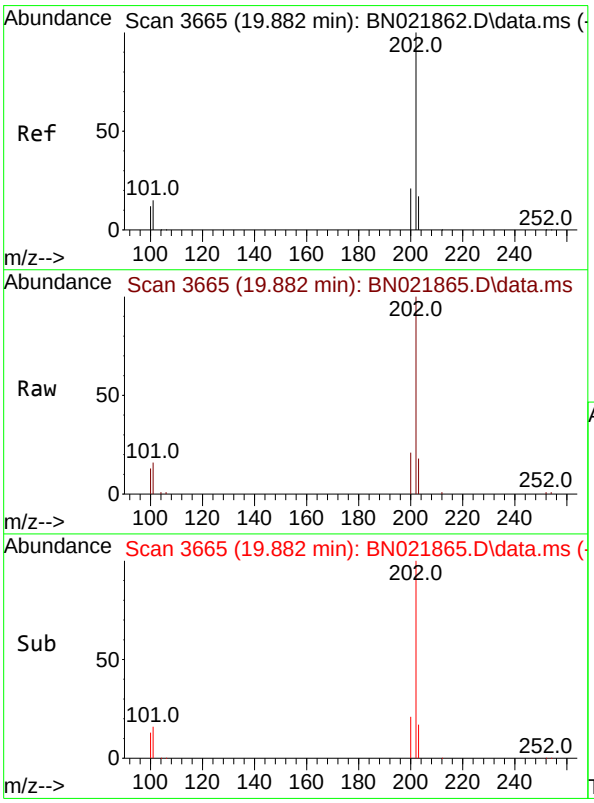
#19
Fluoranthene
Concen: 0.347 ng/ul
RT: 19.520 min Scan# 3
Delta R.T. 0.005 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 15364

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.0	15.0
100	10.1	8.0	12.0

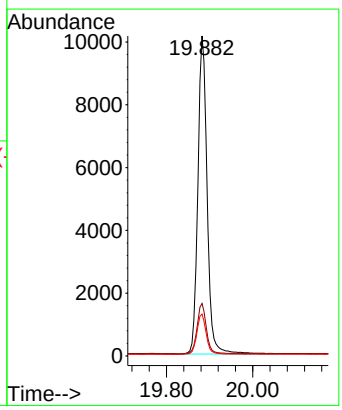


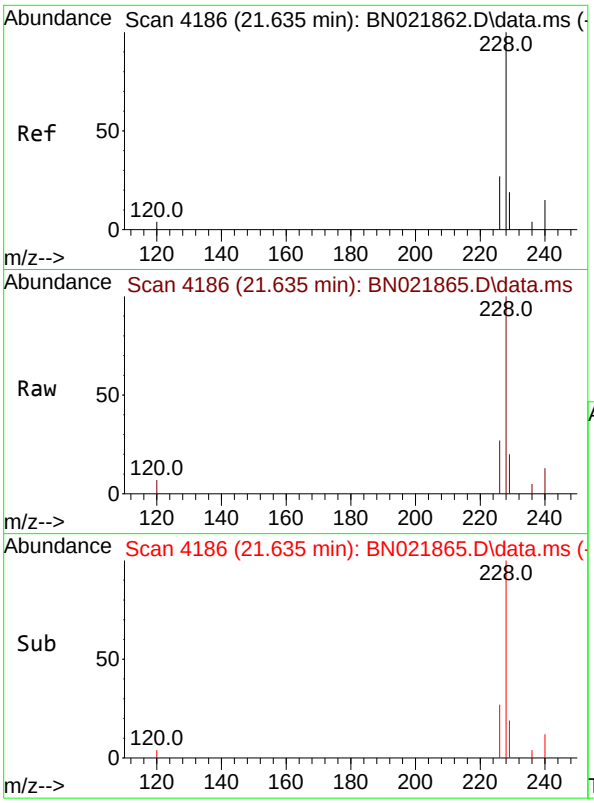


#20
Pyrene
Concen: 0.346 ng/ul
RT: 19.882 min Scan# 3665
Delta R.T. 0.005 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:202 Resp: 15134

Ion	Ratio	Lower	Upper
202	100		
101	16.4	11.3	16.9
100	13.1	9.0	13.4



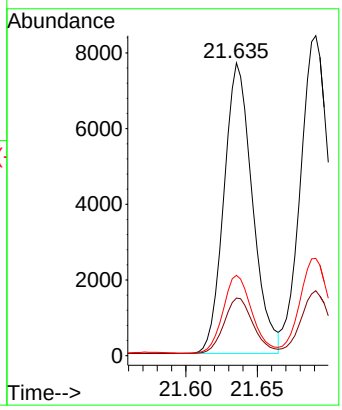


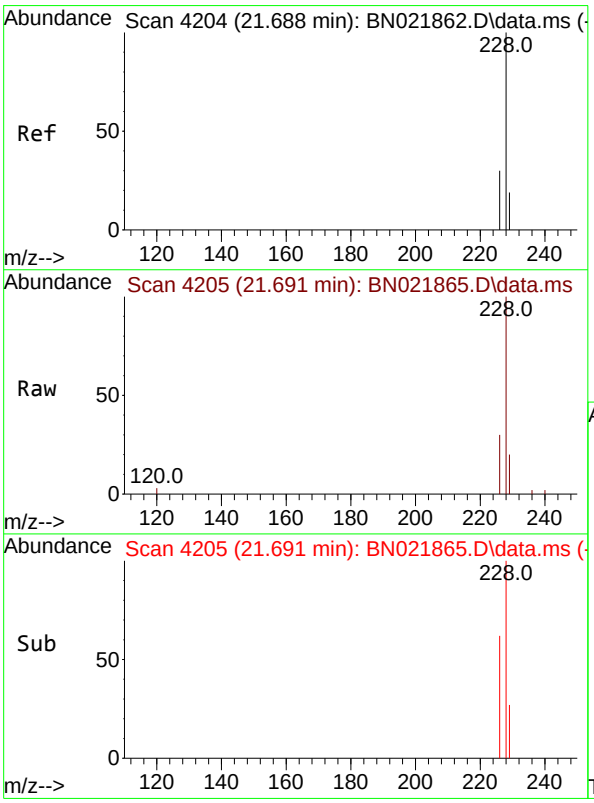
#21
Benzo(a)anthracene
Concen: 0.335 ng/ul
RT: 21.635 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 10643

Ion	Ratio	Lower	Upper
228	100		
229	19.7	16.0	24.0
226	27.4	21.9	32.9

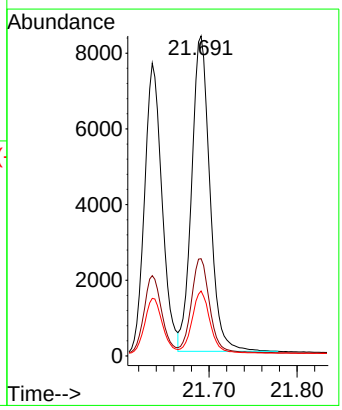


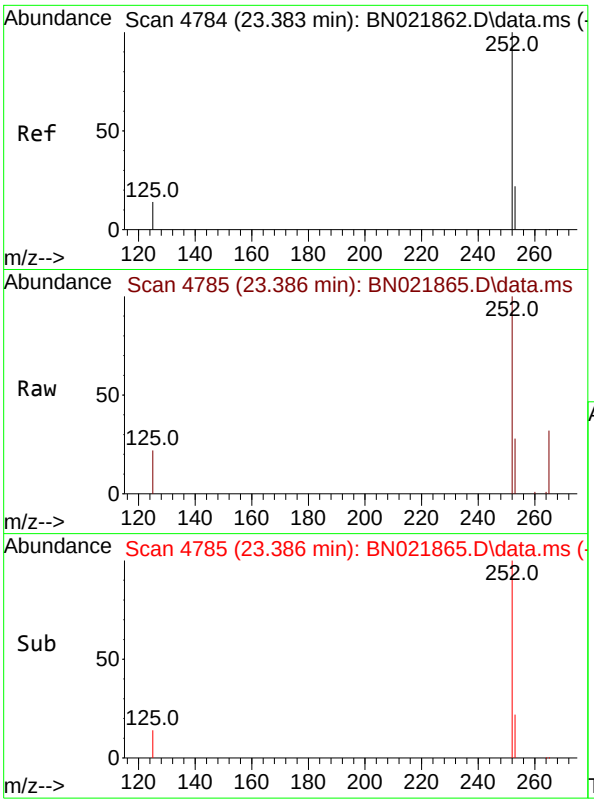


#22
Chrysene
Concen: 0.346 ng/ul
RT: 21.691 min Scan# 4205
Delta R.T. 0.006 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:228 Resp: 12020

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	20.3	15.8	23.8



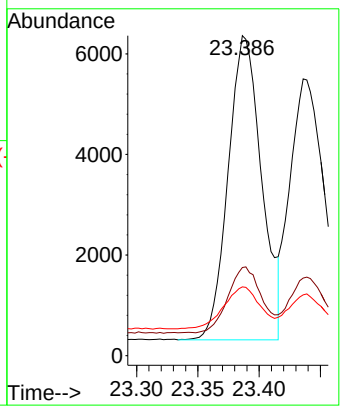


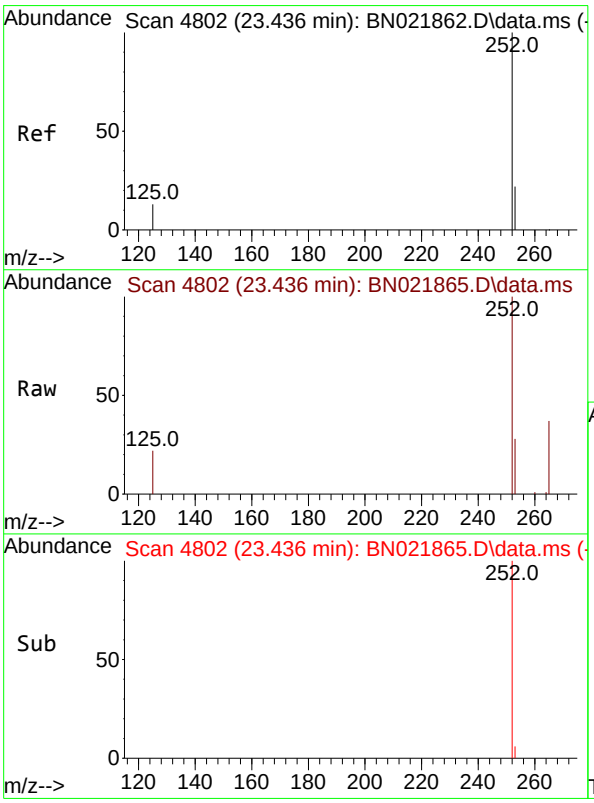
#24
Benzo(b)fluoranthene
Concen: 0.330 ng/ul
RT: 23.386 min Scan# 4
Delta R.T. 0.006 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 11472

Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	50.8
125	21.5	0.0	30.0

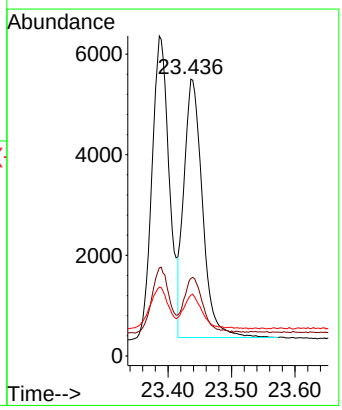


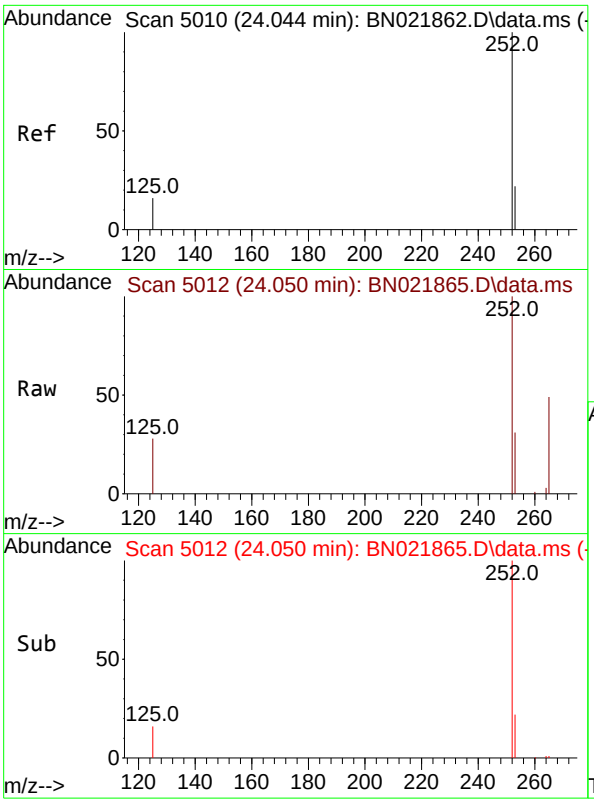


#25
Benzo(k)fluoranthene
Concen: 0.310 ng/ul
RT: 23.436 min Scan# 4802
Delta R.T. 0.006 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:252 Resp: 10426

Ion	Ratio	Lower	Upper
252	100		
253	28.1	20.6	31.0
125	22.0	11.8	17.6#



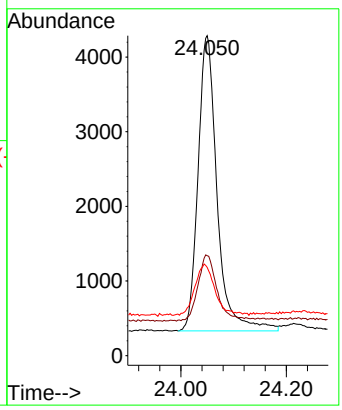


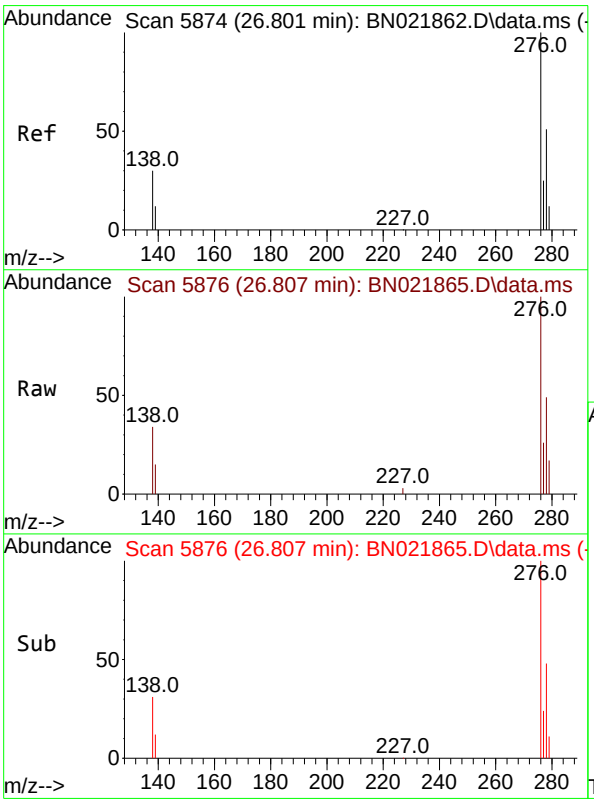
#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 24.050 min Scan# 5
Delta R.T. 0.009 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 9899

Ion	Ratio	Lower	Upper
252	100		
253	31.3	22.1	33.1
125	27.6	14.7	22.1#

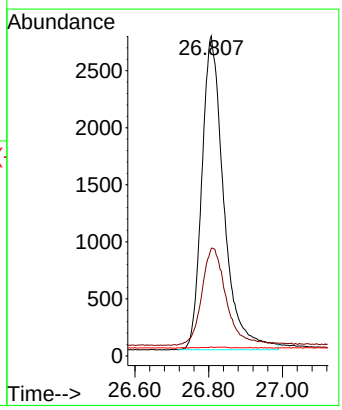


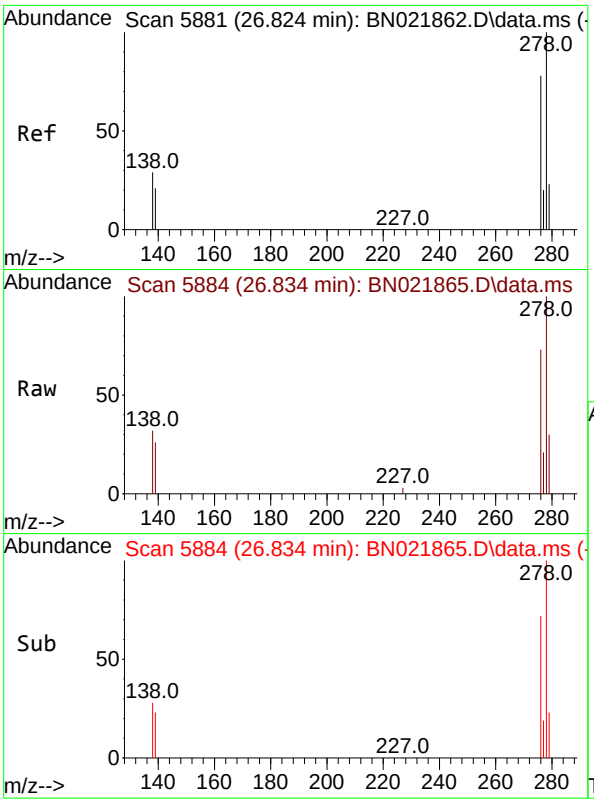


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.384 ng/ul
RT: 26.807 min Scan# 5876
Delta R.T. 0.016 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:276 Resp: 11347

Ion	Ratio	Lower	Upper
276	100		
138	34.5	26.1	39.1
227	0.1	0.1	0.1#



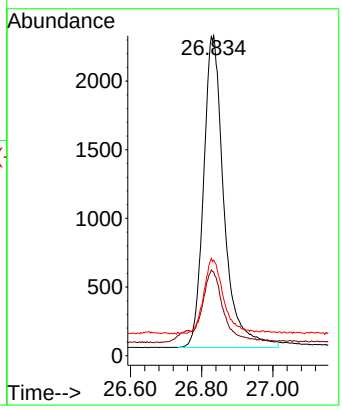


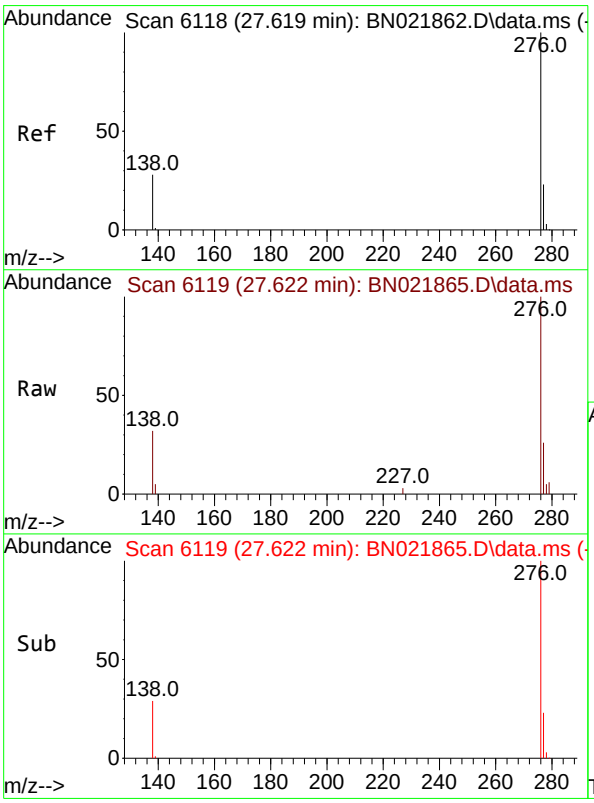
#28
Dibenzo(a,h)anthracene
Concen: 0.361 ng/ul
RT: 26.834 min Scan# 5
Delta R.T. 0.016 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 9068

Ion	Ratio	Lower	Upper
278	100		
139	26.1	18.3	27.5
279	29.9	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.373 ng/ul
RT: 27.622 min Scan# 6119
Delta R.T. 0.013 min
Lab File: BN021865.D
Acq: 22 Sep 2022 11:32

Tgt Ion:276 Resp: 10150

Ion	Ratio	Lower	Upper
276	100		
138	32.1	22.6	34.0
277	25.7	20.2	30.2