Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
Data File : BN023165.D
Acq On : 13 Dec 2022 15:13
Operator : CG/JU
Sample : N5927-16MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXZA2MS

Quant Time: Dec 13 23:59:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 23:52:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.015	152	6304	0.400	ng/ul	0.00
4) Naphthalene-d8	10.837	136	20840	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.660	164	13238	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.408	188	29517	0.400	ng/ul	0.00
17) Chrysene-d12	21.588	240	27036	0.400	ng/ul	0.00
23) Perylene-d12	24.049	264	24786	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.357	96	12196	1.612	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.421	152	9106	0.287	ng/ul	0.00
18) Fluoranthene-d10	19.430	212	23258	0.233	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.395	88	7908	1.002	ng/ul#	89
5) Naphthalene	10.887	128	17549	0.277	ng/ul	100
7) 2-Methylnaphthalene	12.493	142	10869	0.275	ng/ul	100
8) 1-Methylnaphthalene	12.713	142	11688	0.291	ng/ul	100
10) Acenaphthylene	14.382	152	18851	0.289	ng/ul	99
11) Acenaphthene	14.725	153	12850	0.249	ng/ul	99
12) Fluorene	15.710	166	16335	0.279	ng/ul	98
14) Pentachlorophenol	17.053	266	4811	0.779	ng/ul#	100
15) Phenanthrene	17.446	178	29096	0.287	ng/ul	100
16) Anthracene	17.539	178	27387	0.315	ng/ul	100
19) Fluoranthene	19.463	202	34015	0.243	ng/ul	99
20) Pyrene	19.825	202	37265	0.272	ng/ul	98
21) Benzo(a)anthracene	21.573	228	32235	0.312	ng/ul	100
22) Chrysene	21.626	228	32493	0.287	ng/ul	100
24) Benzo(b)fluoranthene	23.295	252	33894	0.270	ng/ul	94
25) Benzo(k)fluoranthene	23.341	252	32539	0.245	ng/ul	97
26) Benzo(a)pyrene	23.938	252	29770	0.311	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.615	276	37094	0.326	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.635	278	29348	0.325	ng/ul	99
29) Benzo(g,h,i)perylene	27.403	276	30070	0.303	ng/ul	99

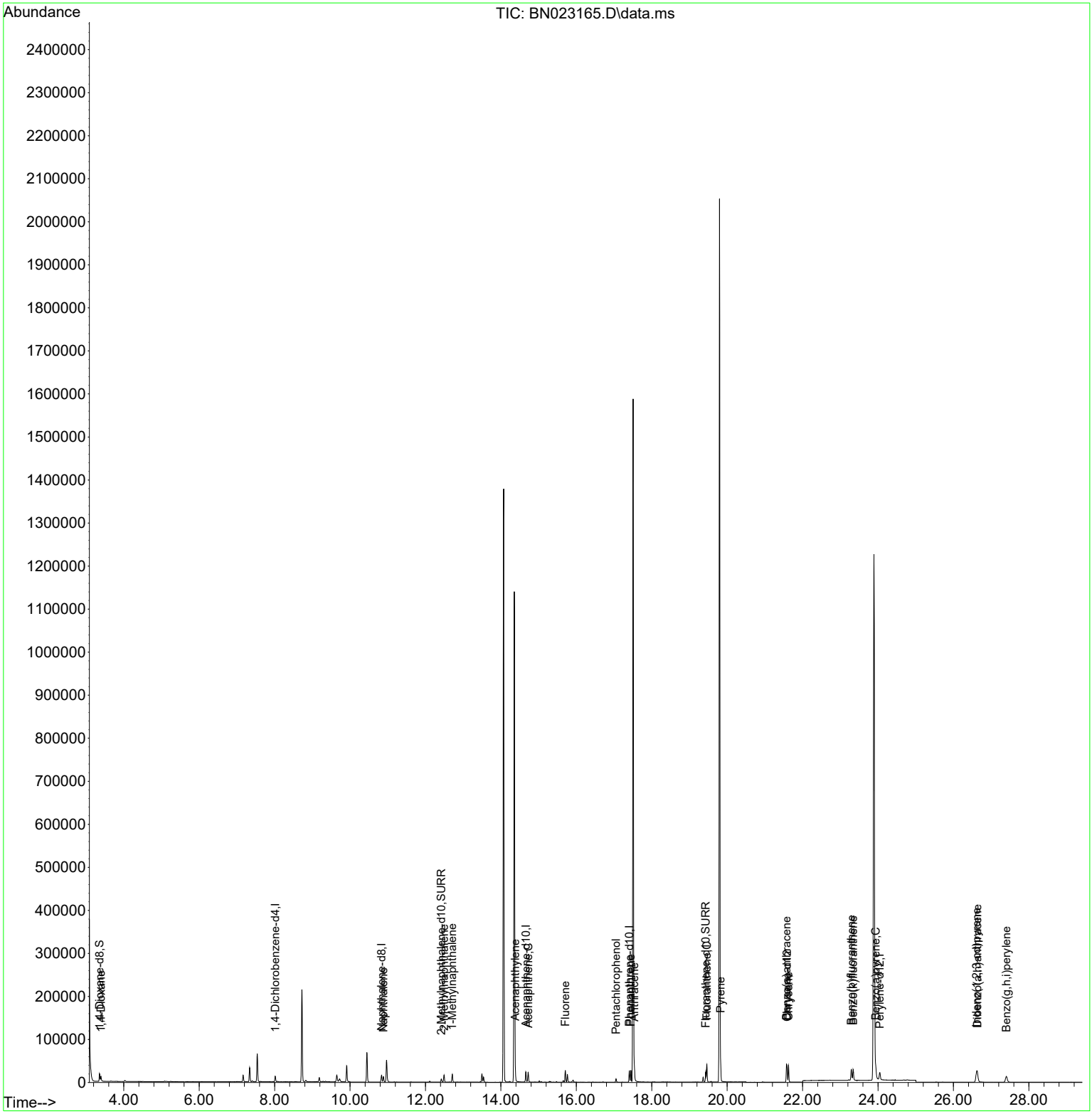
(#) = qualifier out of range (m) = manual integration (+) = signals summed

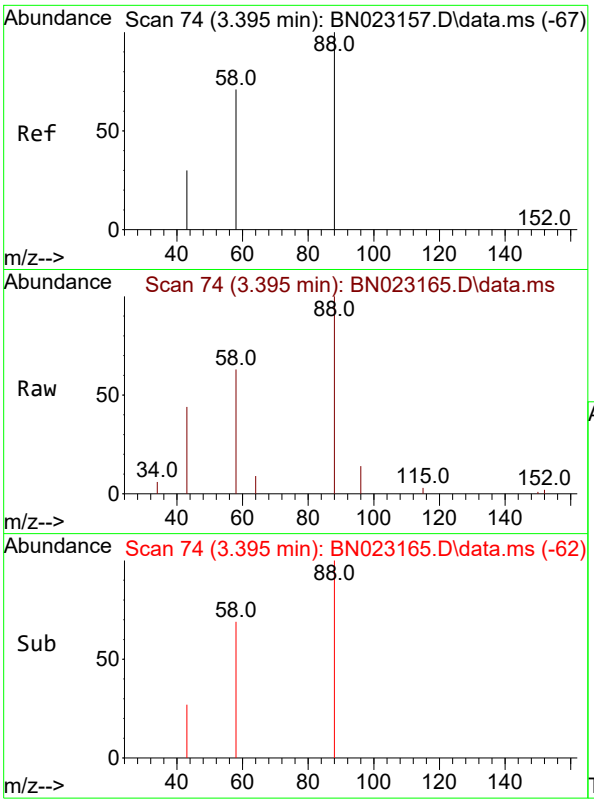
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121322\
Data File : BN023165.D
Acq On : 13 Dec 2022 15:13
Operator : CG/JU
Sample : N5927-16MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXZA2MS

Quant Time: Dec 13 23:59:05 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 13 23:52:47 2022
Response via : Initial Calibration



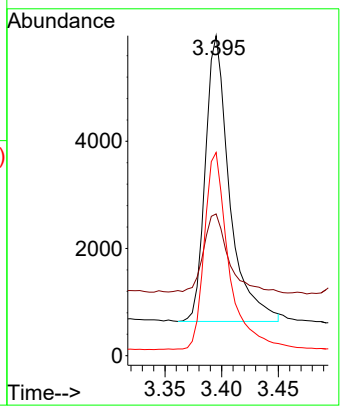


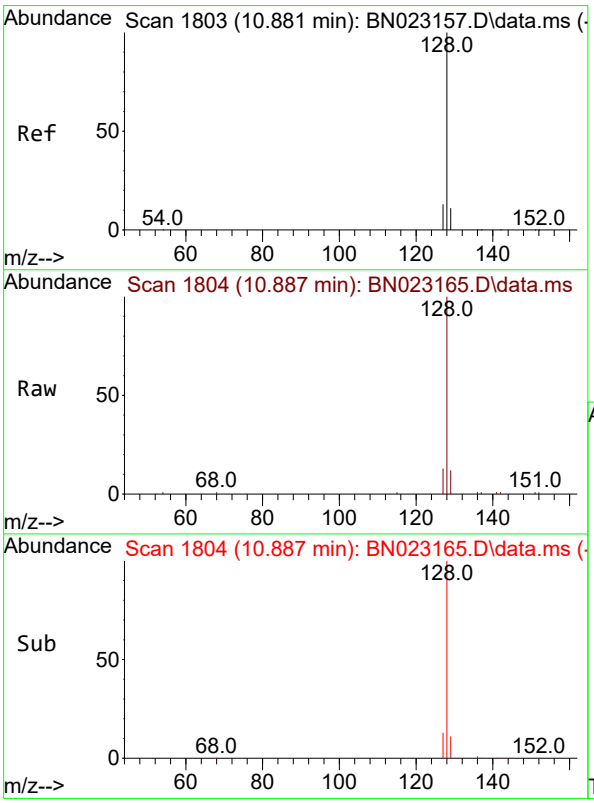
#2
1,4-Dioxane
Concen: 1.002 ng/ul
RT: 3.395 min Scan# 74
Delta R.T. 0.000 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
EXZA2MS

Tgt Ion: 88 Resp: 7908

Ion	Ratio	Lower	Upper
88	100		
43	44.3	26.2	39.4#
58	63.5	47.6	71.4

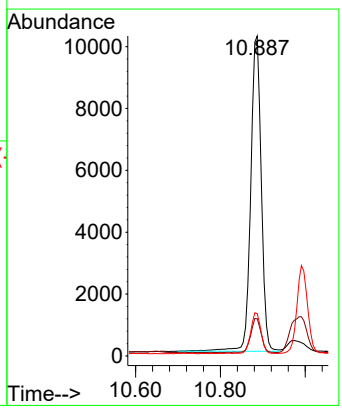


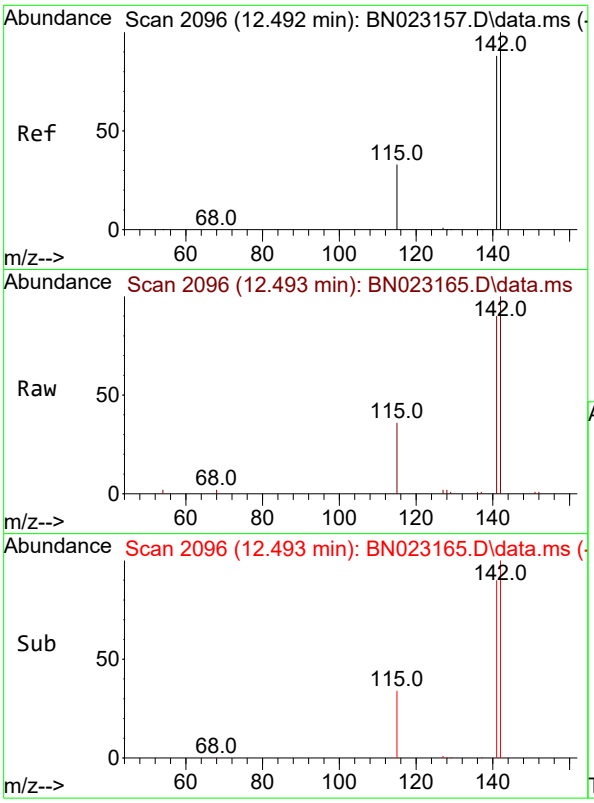


#5
Naphthalene
Concen: 0.277 ng/ul
RT: 10.887 min Scan# 1804
Delta R.T. 0.006 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Tgt Ion:128 Resp: 17549

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.0	13.6
127	13.3	10.6	16.0



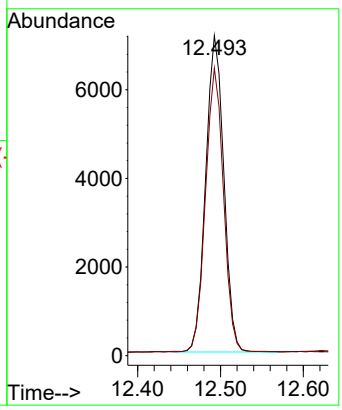


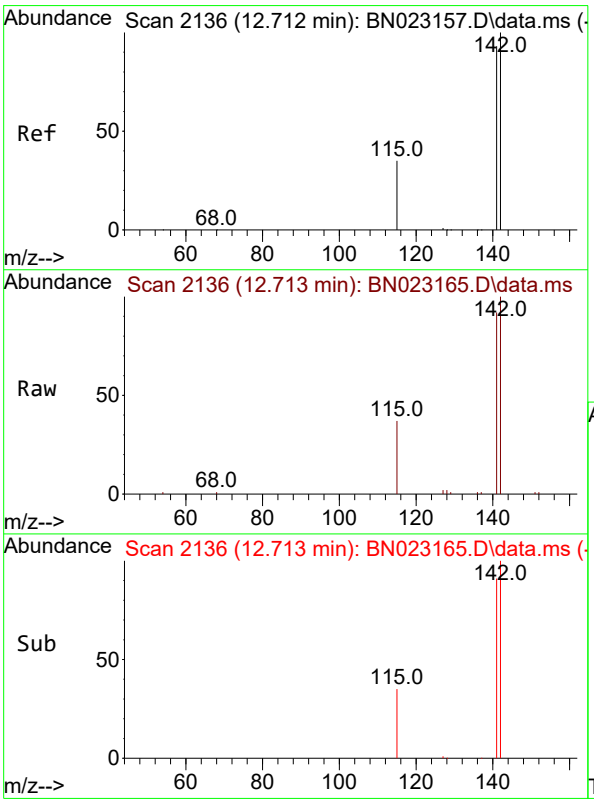
#7
2-Methylnaphthalene
Concen: 0.275 ng/ul
RT: 12.493 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
EXZA2MS

Tgt Ion:142 Resp: 10869

Ion	Ratio	Lower	Upper
142	100		
141	89.7	71.6	107.4

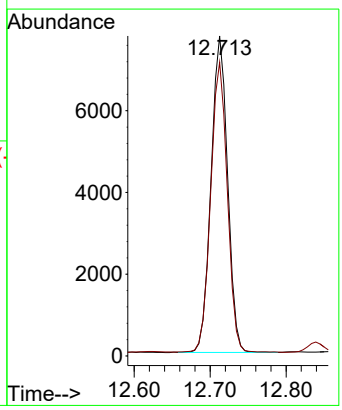


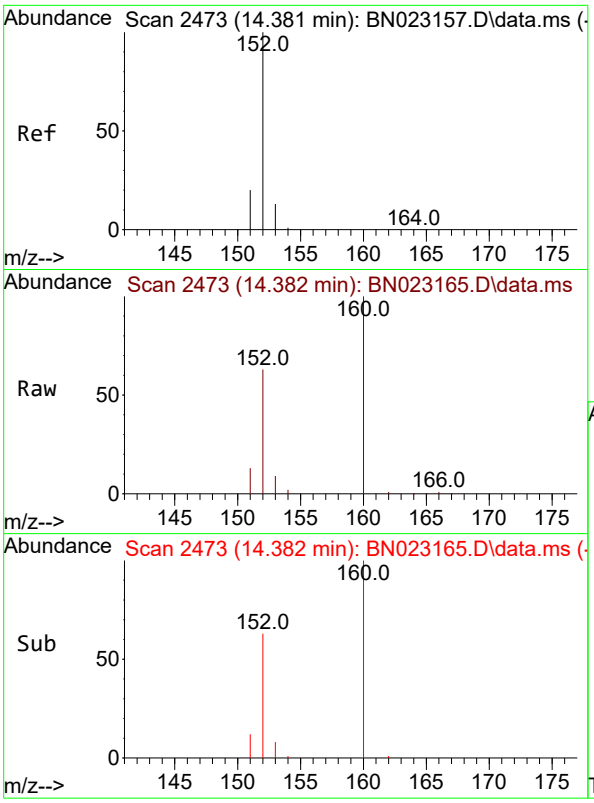


#8
1-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.713 min Scan# 2136
Delta R.T. 0.000 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Tgt Ion:142 Resp: 11688

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.8	110.6



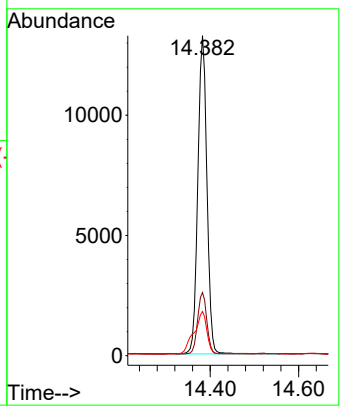


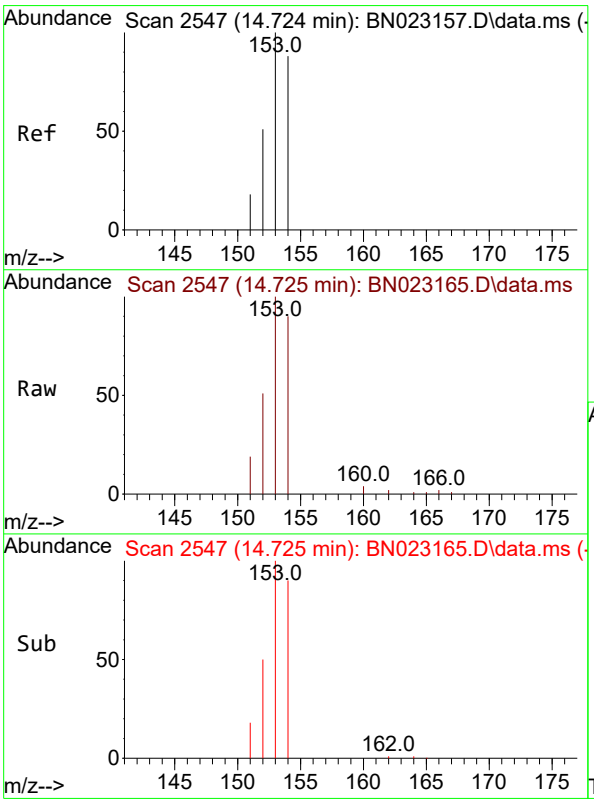
#10
Acenaphthylene
Concen: 0.289 ng/ul
RT: 14.382 min Scan# 24
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
EXZA2MS

Tgt Ion:152 Resp: 18851

Ion	Ratio	Lower	Upper
152	100		
151	19.7	16.0	24.0
153	13.8	10.5	15.7

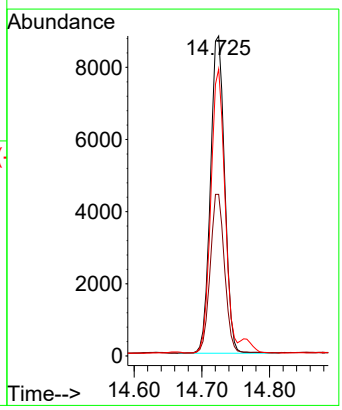


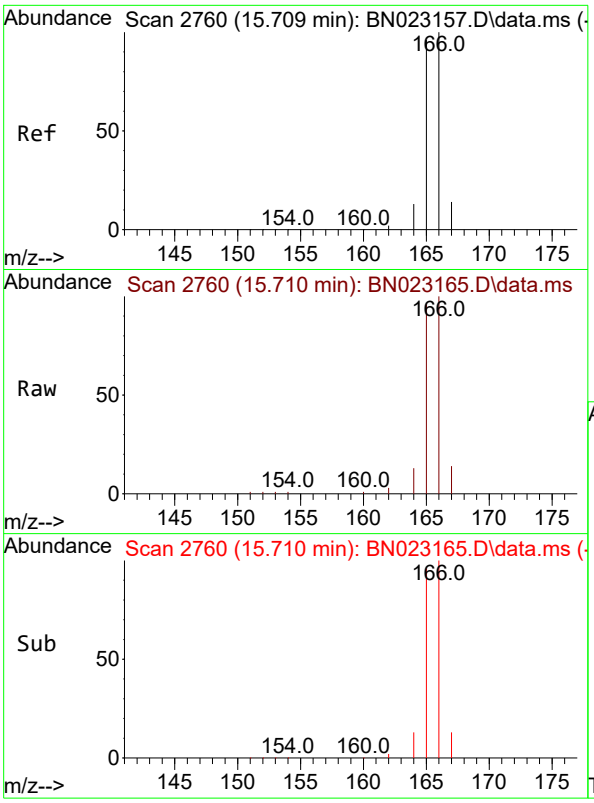


#11
Acenaphthene
Concen: 0.249 ng/ul
RT: 14.725 min Scan# 2547
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Tgt Ion:153 Resp: 12850

Ion	Ratio	Lower	Upper
153	100		
152	50.5	41.8	62.8
154	89.7	71.3	106.9



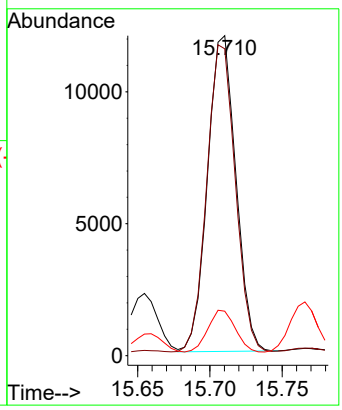


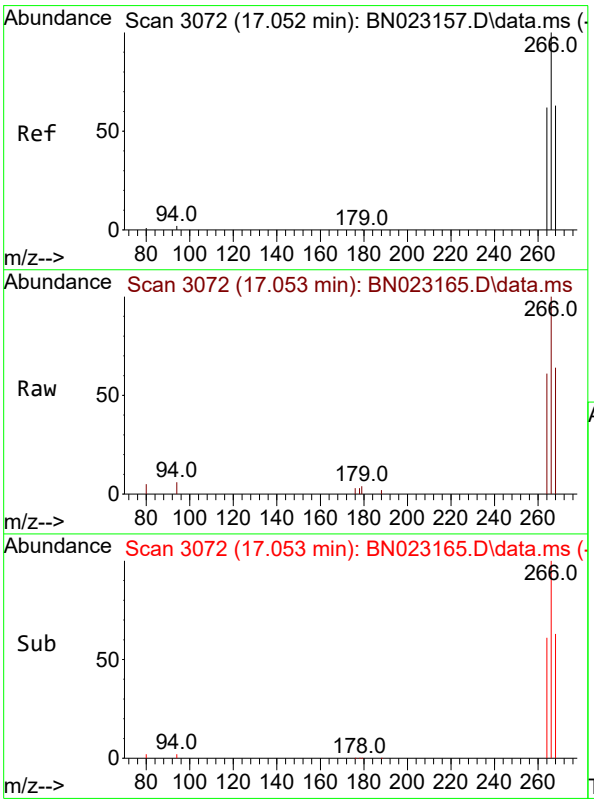
#12
Fluorene
Concen: 0.279 ng/ul
RT: 15.710 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
EXZA2MS

Tgt Ion:166 Resp: 16335

Ion	Ratio	Lower	Upper
166	100		
165	95.9	78.7	118.1
167	13.9	10.8	16.2

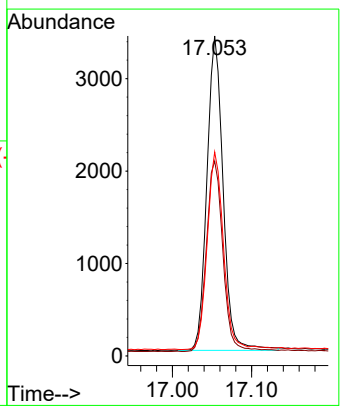


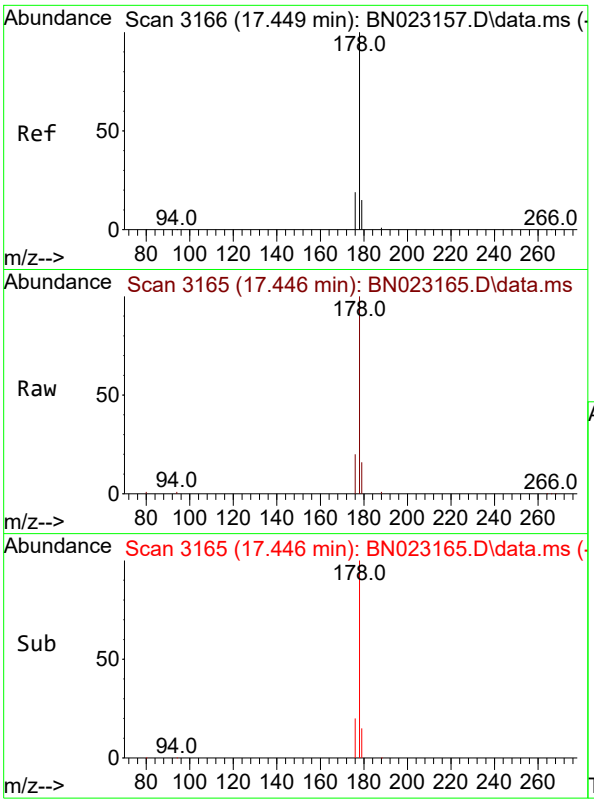


#14
Pentachlorophenol
Concen: 0.779 ng/ul
RT: 17.053 min Scan# 3072
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Tgt Ion:266 Resp: 4811

Ion	Ratio	Lower	Upper
266	100		
264	62.4	0.0	0.0#
268	63.7	0.0	0.0#



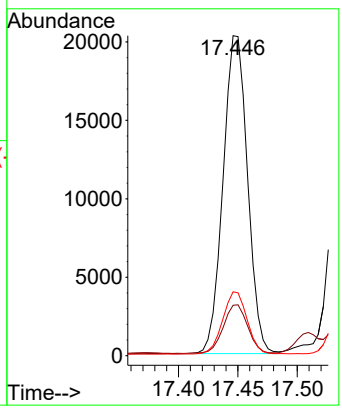


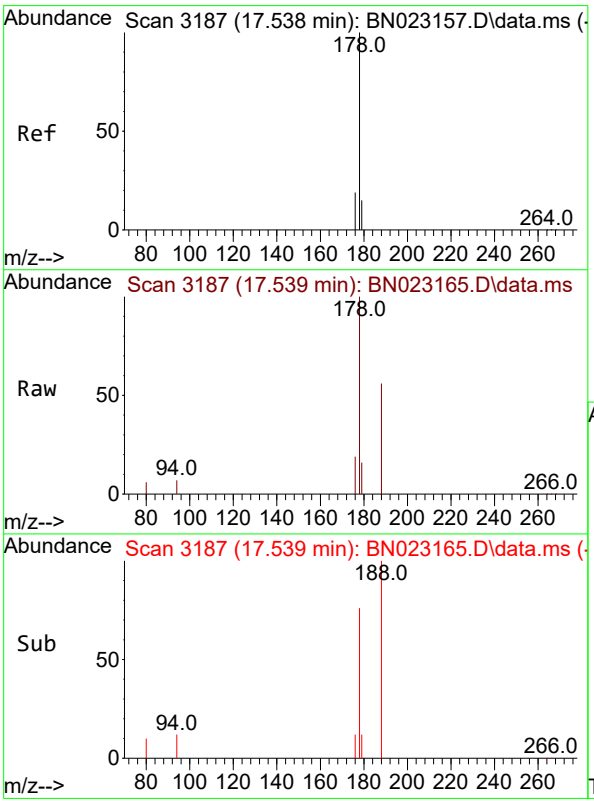
#15
Phenanthrene
Concen: 0.287 ng/ul
RT: 17.446 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
EXZA2MS

Tgt Ion:178 Resp: 29096

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.5	18.7
176	19.9	15.9	23.9

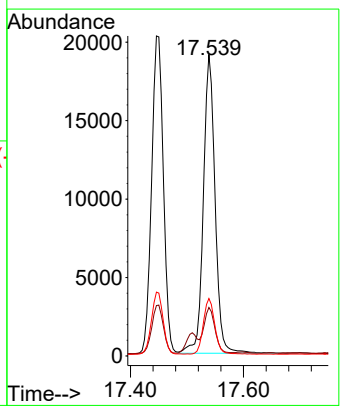


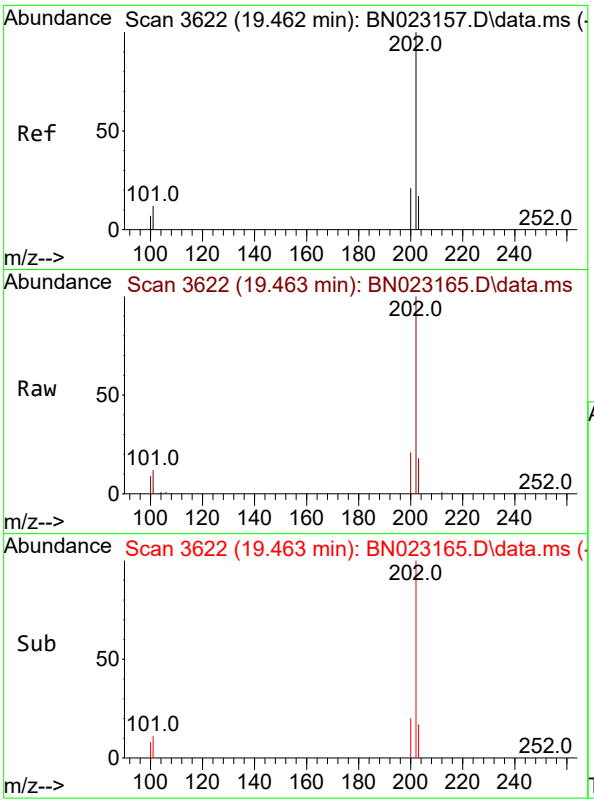


#16
Anthracene
Concen: 0.315 ng/ul
RT: 17.539 min Scan# 3187
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Tgt Ion:178 Resp: 27387

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	18.8
176	19.1	15.3	22.9



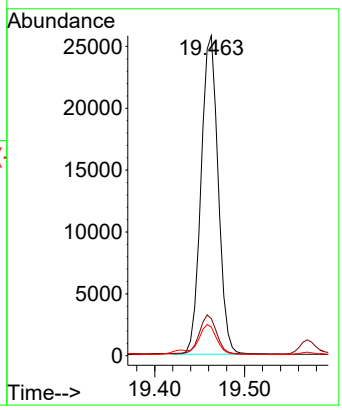


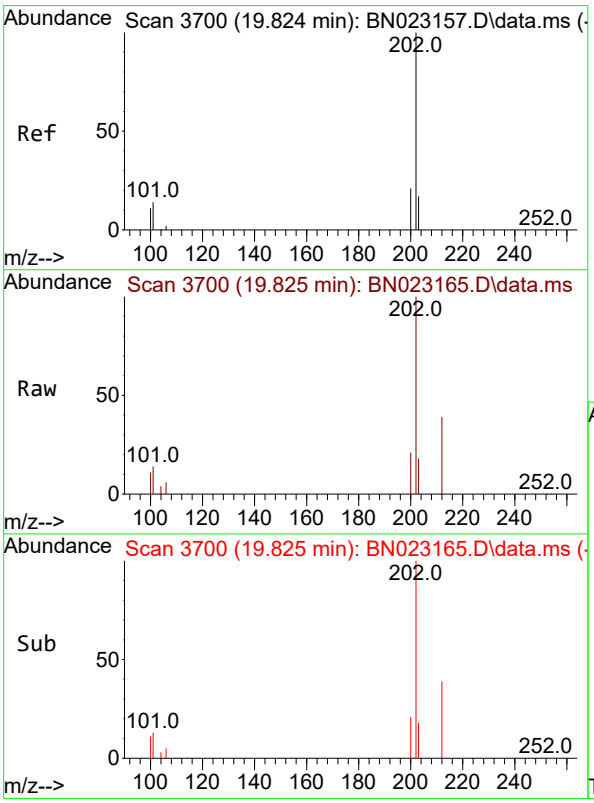
#19
Fluoranthene
Concen: 0.243 ng/ul
RT: 19.463 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
EXZA2MS

Tgt Ion:202 Resp: 34015

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.2	13.8
100	9.0	6.9	10.3

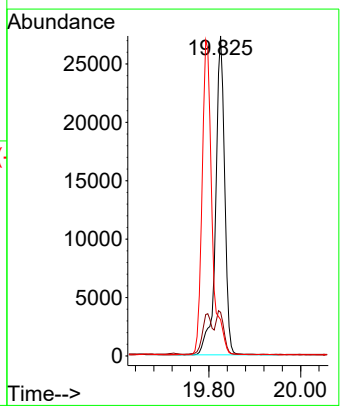


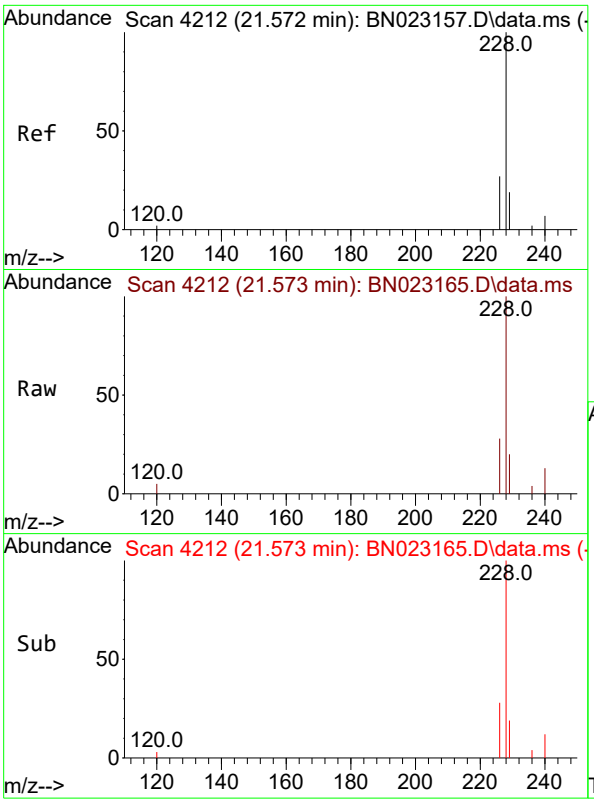


#20
Pyrene
Concen: 0.272 ng/ul
RT: 19.825 min Scan# 3700
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Tgt Ion:202 Resp: 37265

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.6	16.0
100	11.3	8.2	12.4



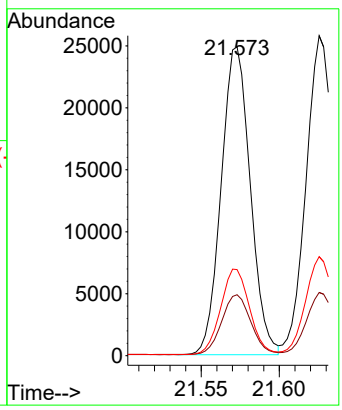


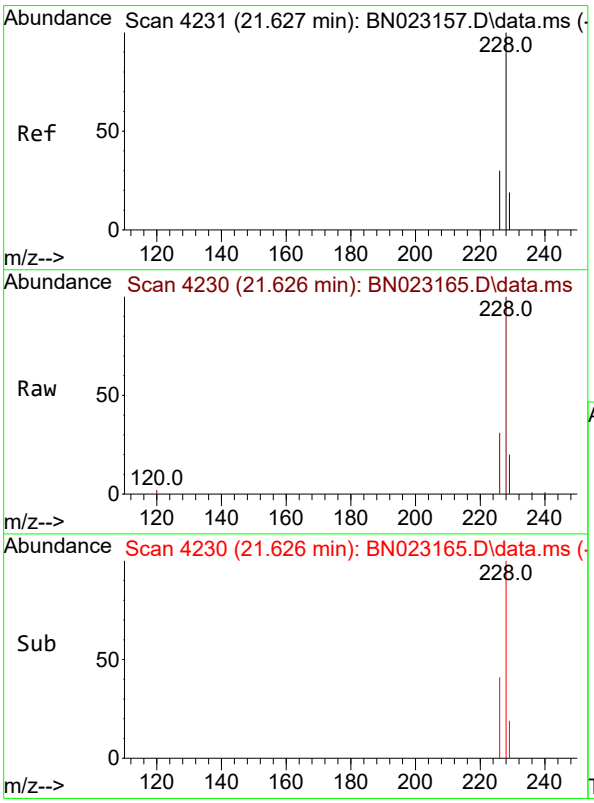
#21
Benzo(a)anthracene
Concen: 0.312 ng/ul
RT: 21.573 min Scan# 4
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
EXZA2MS

Tgt Ion:228 Resp: 32235

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.5	23.3
226	27.9	22.2	33.4

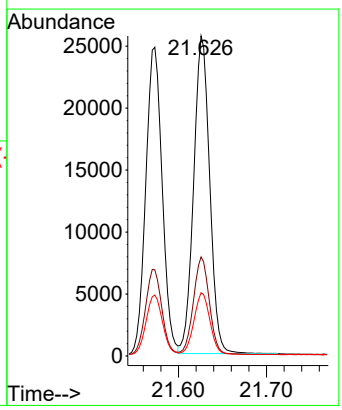


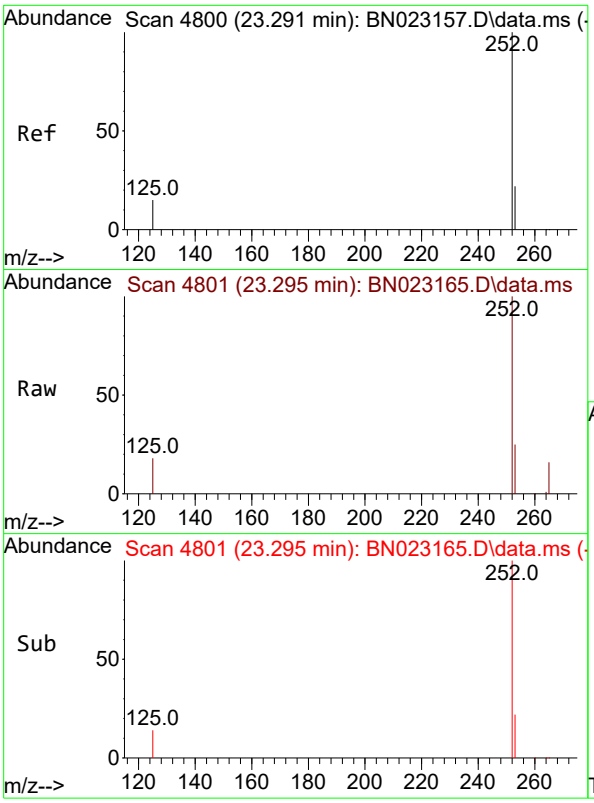


#22
Chrysene
Concen: 0.287 ng/ul
RT: 21.626 min Scan# 4230
Delta R.T. -0.002 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Tgt Ion:228 Resp: 32493

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.6	37.0
229	19.7	15.8	23.8



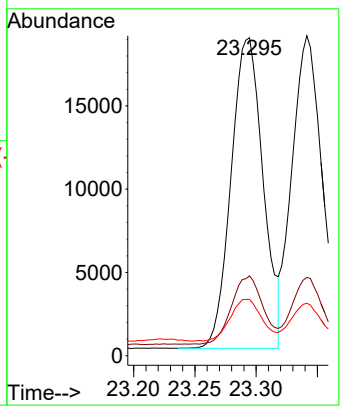


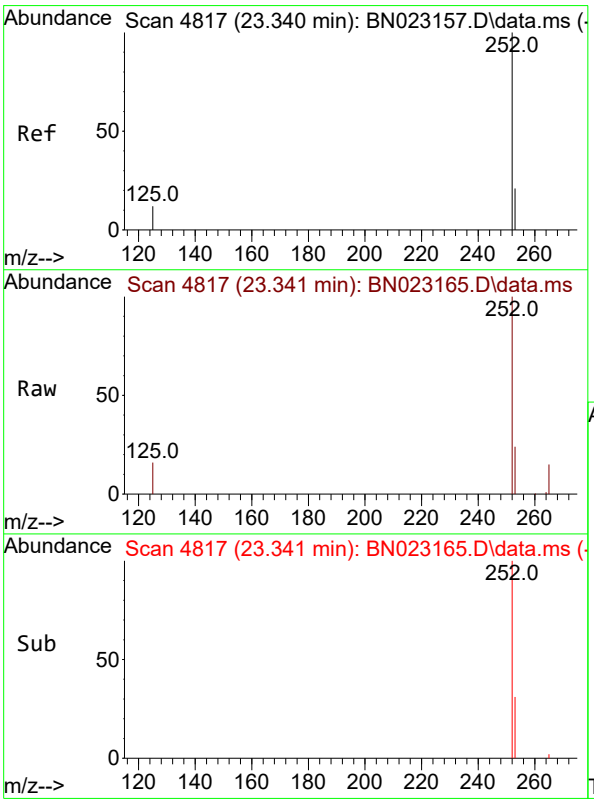
#24
Benzo(b)fluoranthene
Concen: 0.270 ng/ul
RT: 23.295 min Scan# 4
Delta R.T. 0.004 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
EXZA2MS

Tgt Ion:252 Resp: 33894

Ion	Ratio	Lower	Upper
252	100		
253	25.1	0.0	46.0
125	17.7	0.0	28.6

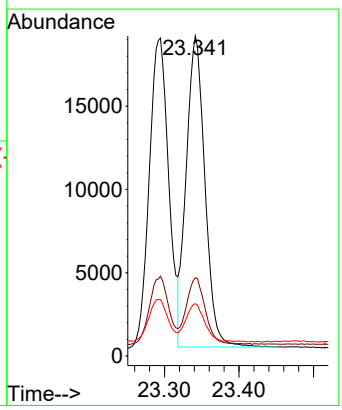


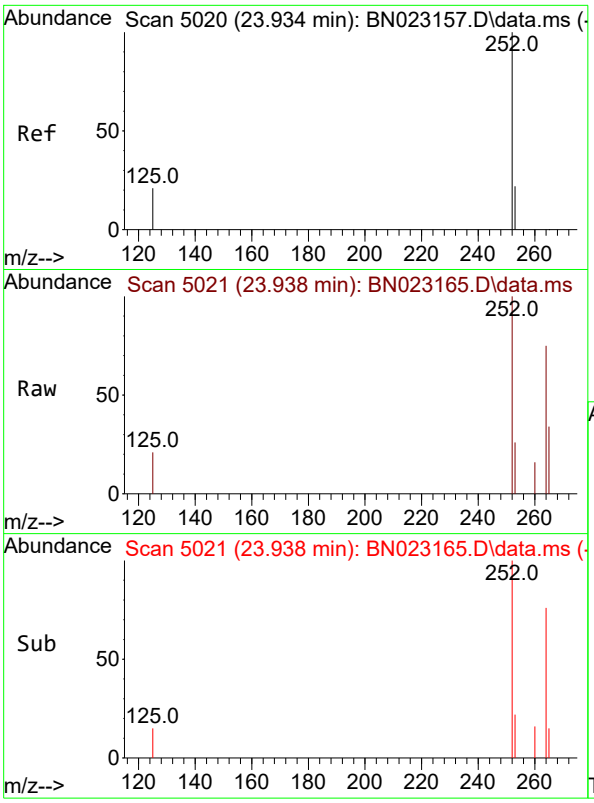


#25
Benzo(k)fluoranthene
Concen: 0.245 ng/ul
RT: 23.341 min Scan# 4817
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Tgt Ion:252 Resp: 32539

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.7	28.1
125	16.4	11.3	16.9



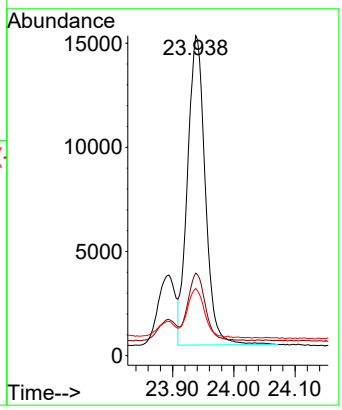


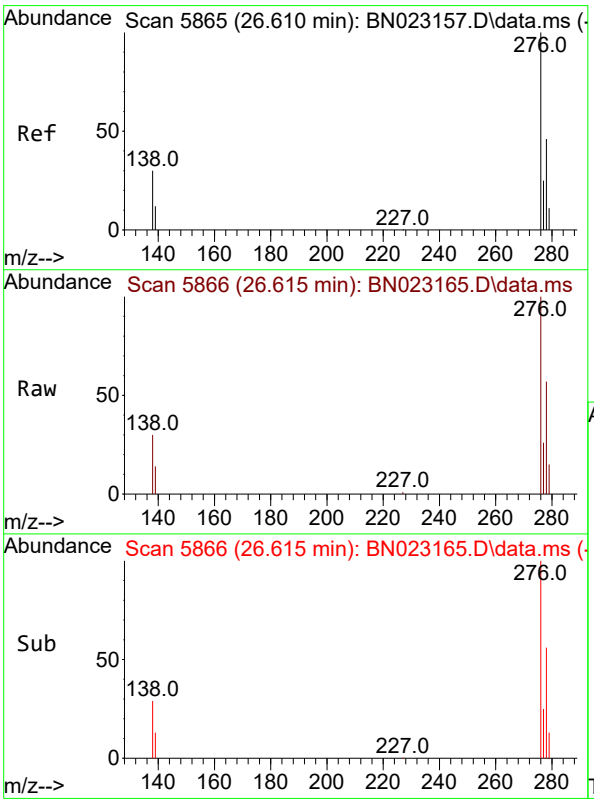
#26
Benzo(a)pyrene
Concen: 0.311 ng/ul
RT: 23.938 min Scan# 5
Delta R.T. 0.004 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
EXZA2MS

Tgt Ion:252 Resp: 29770

Ion	Ratio	Lower	Upper
252	100		
253	25.8	19.7	29.5
125	21.0	13.7	20.5#

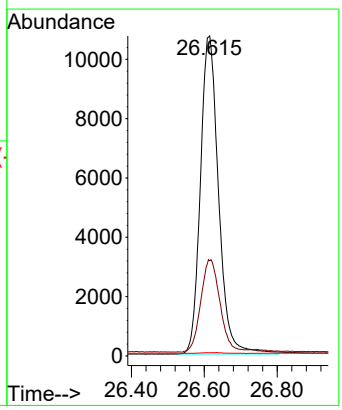


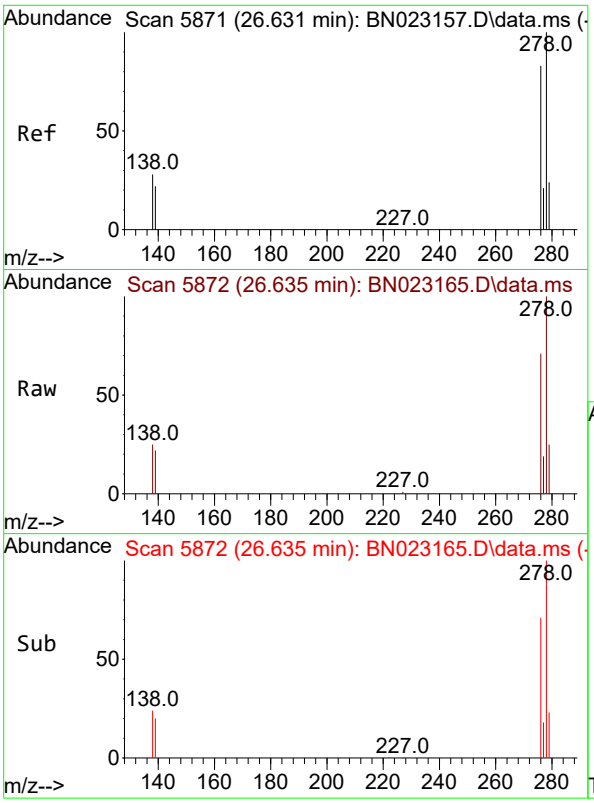


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.326 ng/ul
RT: 26.615 min Scan# 5866
Delta R.T. 0.004 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Tgt Ion:276 Resp: 37094

Ion	Ratio	Lower	Upper
276	100		
138	31.6	0.0	0.0#
227	0.0	0.0	0.0



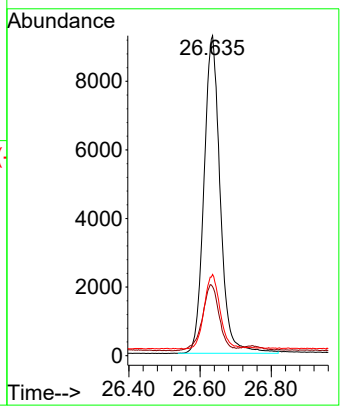


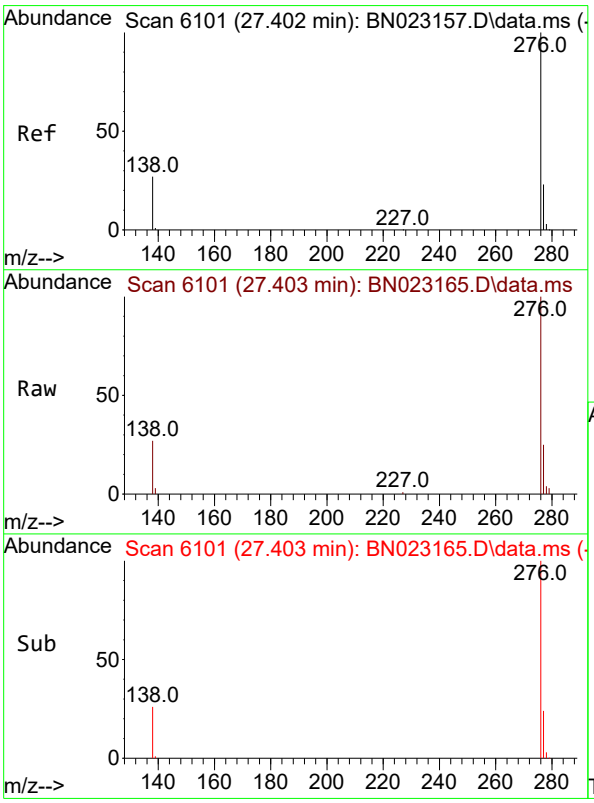
#28
Dibenzo(a,h)anthracene
Concen: 0.325 ng/ul
RT: 26.635 min Scan# 5
Delta R.T. 0.004 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Instrument :
BNA_N
ClientSampleId :
EXZA2MS

Tgt Ion:278 Resp: 29348

Ion	Ratio	Lower	Upper
278	100		
139	21.5	18.3	27.5
279	25.4	20.4	30.6





#29
Benzo(g,h,i)perylene
Concen: 0.303 ng/ul
RT: 27.403 min Scan# 6101
Delta R.T. 0.001 min
Lab File: BN023165.D
Acq: 13 Dec 2022 15:13

Tgt Ion:276 Resp: 30070

Ion	Ratio	Lower	Upper
276	100		
138	27.5	22.1	33.1
277	24.8	19.4	29.2