Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021853.D
Acq On : 21 Sep 2022 22:27
Operator : CG/JU
Sample : N4649-14MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXZ32MS

Quant Time: Sep 22 00:47:24 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	8.046	152	5017	0.400	ng/ul	0.00
4) Naphthalene-d8	10.878	136	16693	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.707	164	9176	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.455	188	16607	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.644	240	9812	0.400	ng/ul	# 0.00
23) Perylene-d12	24.152	264	7830	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.363	96	1136	0.184	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.467	152	7594	0.287	ng/ul	0.00
18) Fluoranthene-d10	19.483	212	14139	0.387	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.401	88	6281	0.992	ng/ul	92
5) Naphthalene	10.927	128	18085	0.384	ng/ul	98
7) 2-Methylnaphthalene	12.538	142	8900	0.291	ng/ul	97
8) 1-Methylnaphthalene	12.753	142	9449	0.301	ng/ul	99
10) Acenaphthylene	14.425	152	12028	0.312	ng/ul	99
11) Acenaphthene	14.768	153	9432	0.289	ng/ul	100
12) Fluorene	15.753	166	10753	0.294	ng/ul	99
14) Pentachlorophenol	17.105	266	2382	0.740	ng/ul	99
15) Phenanthrene	17.498	178	17312	0.330	ng/ul	100
16) Anthracene	17.591	178	14485	0.333	ng/ul	99
19) Fluoranthene	19.515	202	17607	0.384	ng/ul	98
20) Pyrene	19.878	202	17339	0.384	ng/ul	97
21) Benzo(a)anthracene	21.627	228	12493	0.380	ng/ul	99
22) Chrysene	21.682	228	13165	0.367	ng/ul	99
24) Benzo(b)fluoranthene	23.377	252	12439	0.327	ng/ul	90
25) Benzo(k)fluoranthene	23.427	252	11389	0.309	ng/ul#	90
26) Benzo(a)pyrene	24.035	252	10958	0.381	ng/ul#	89
27) Indeno(1,2,3-cd)pyrene	26.791	276	12532	0.387	ng/ul#	96
28) Dibenzo(a,h)anthracene	26.811	278	10208	0.372	ng/ul	96
29) Benzo(g,h,i)perylene	27.599	276	11014	0.369	ng/ul	97

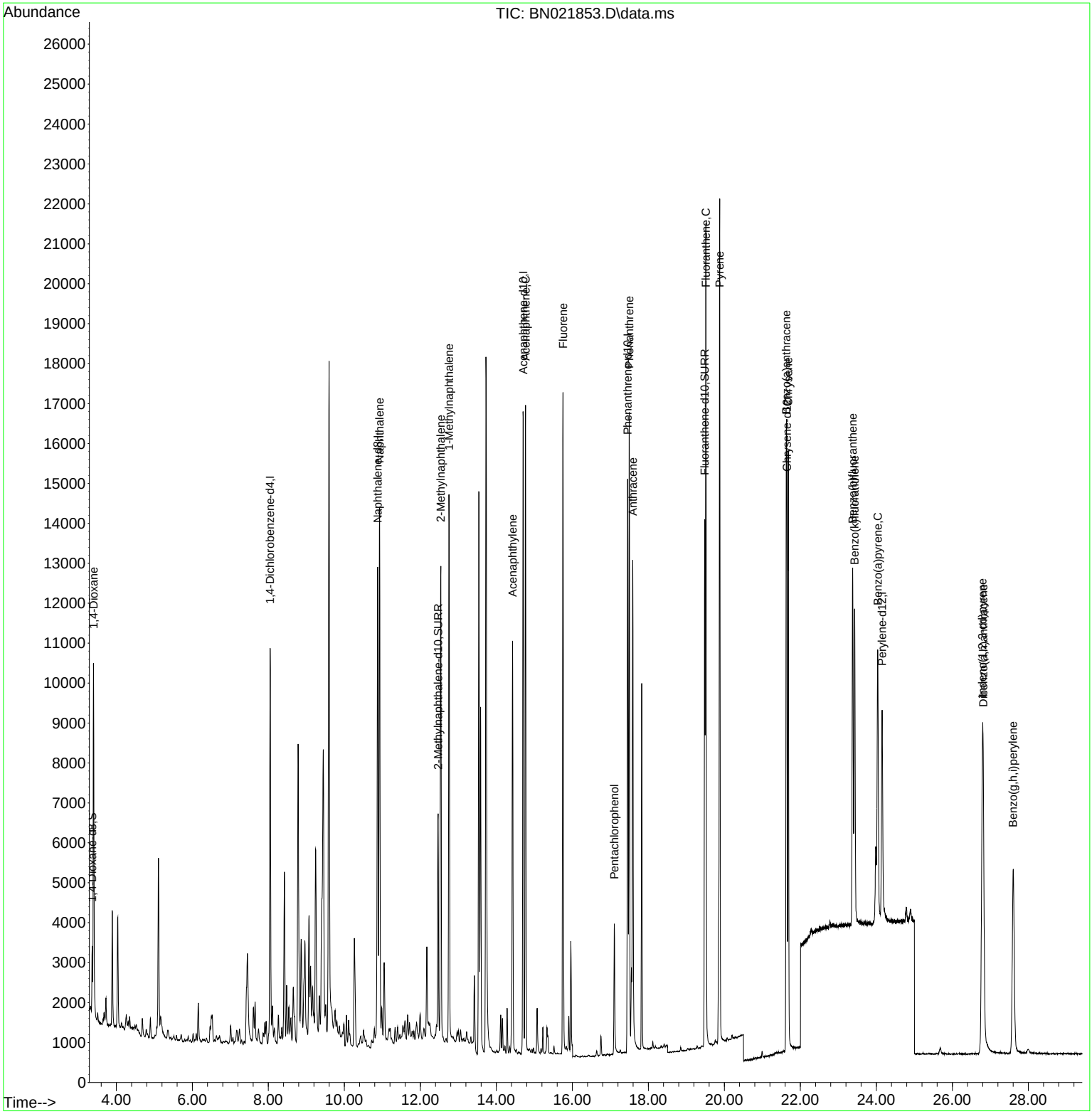
(#) = qualifier out of range (m) = manual integration (+) = signals summed

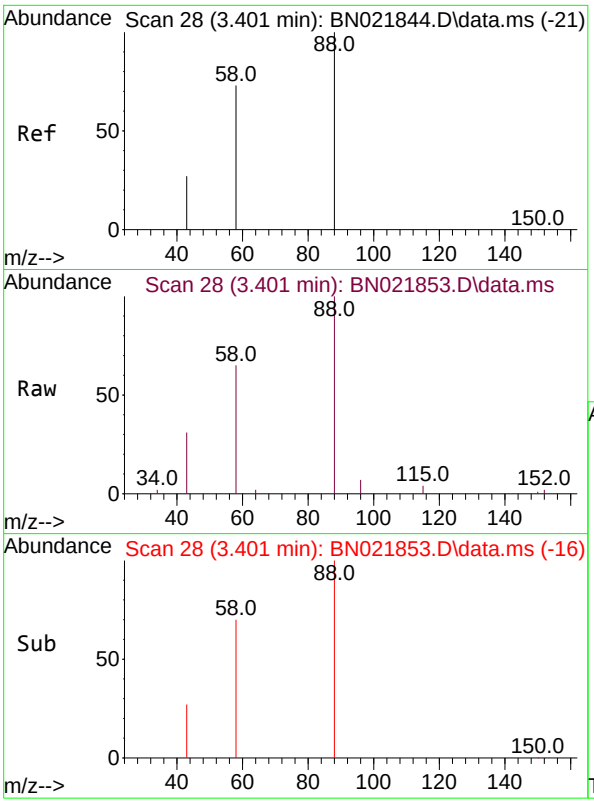
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092122\
Data File : BN021853.D
Acq On : 21 Sep 2022 22:27
Operator : CG/JU
Sample : N4649-14MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
EXZ32MS

Quant Time: Sep 22 00:47:24 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



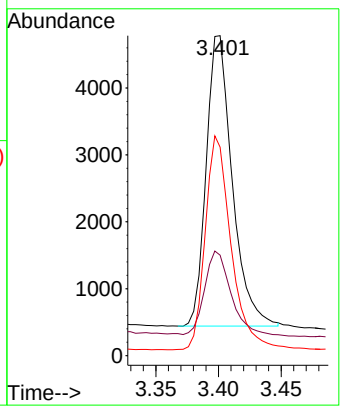


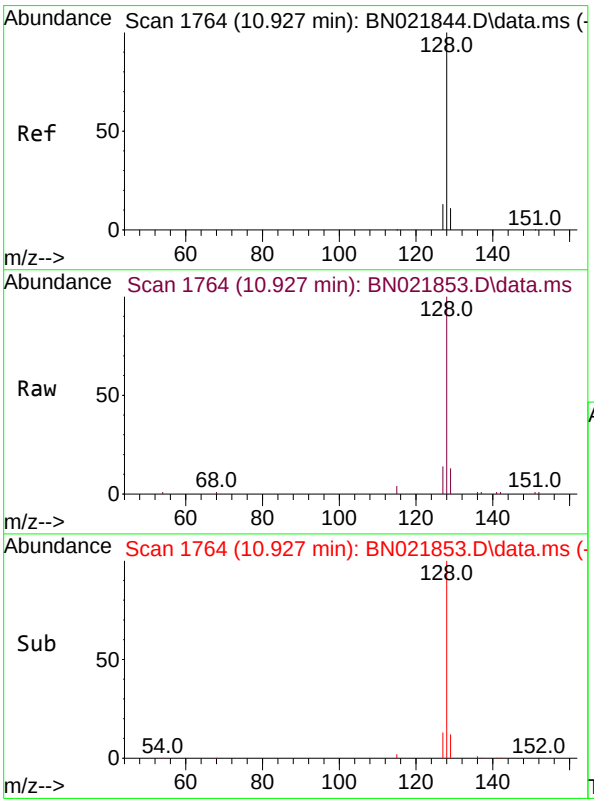
#2
1,4-Dioxane
Concen: 0.992 ng/ul
RT: 3.401 min Scan# 28
Delta R.T. -0.000 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Instrument :
BNA_N
ClientSampleId :
EXZ32MS

Tgt Ion: 88 Resp: 6281

Ion	Ratio	Lower	Upper
88	100		
43	31.4	31.4	47.0
58	65.1	49.0	73.6

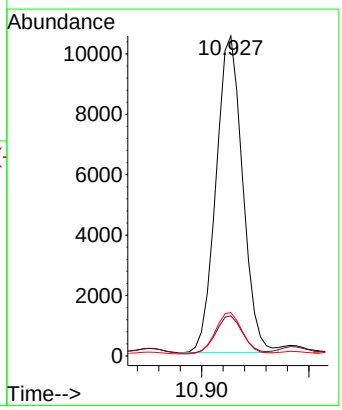


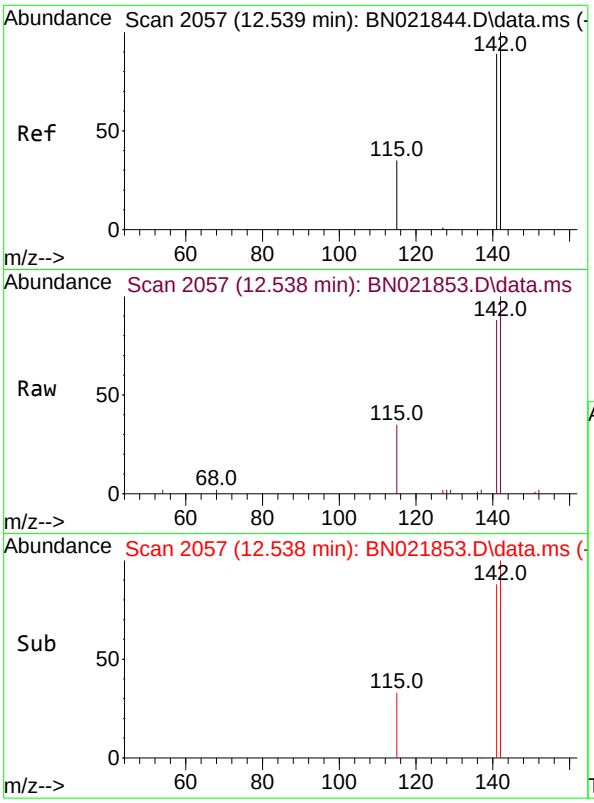


#5
Naphthalene
Concen: 0.384 ng/ul
RT: 10.927 min Scan# 1764
Delta R.T. -0.006 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Tgt Ion:128 Resp: 18085

Ion	Ratio	Lower	Upper
128	100		
129	12.5	9.8	14.6
127	13.5	11.6	17.4



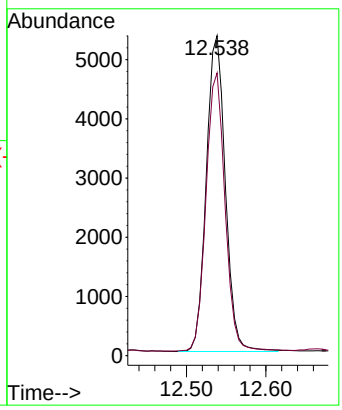


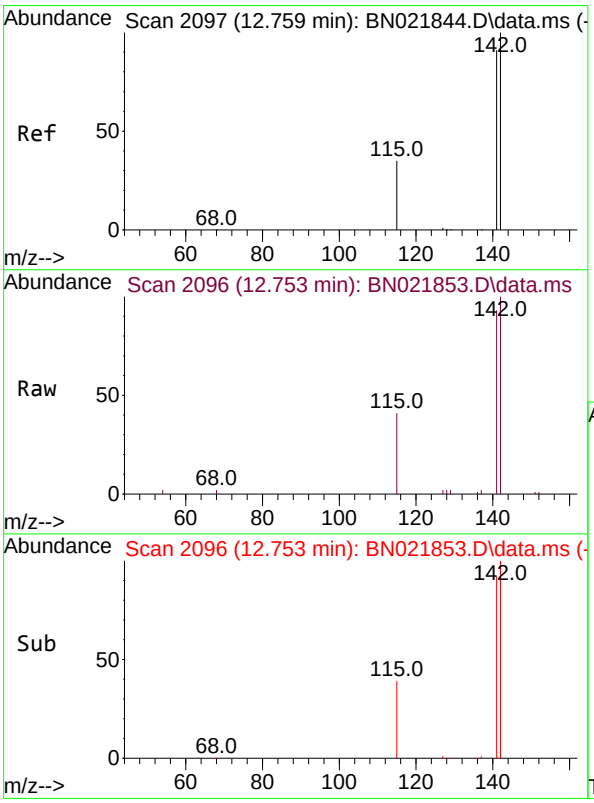
#7
2-Methylnaphthalene
Concen: 0.291 ng/ul
RT: 12.538 min Scan# 20
Delta R.T. -0.006 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Instrument :
BNA_N
ClientSampleId :
EXZ32MS

Tgt Ion:142 Resp: 8900

Ion	Ratio	Lower	Upper
142	100		
141	87.8	72.2	108.2

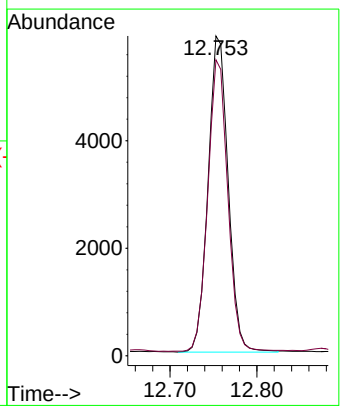


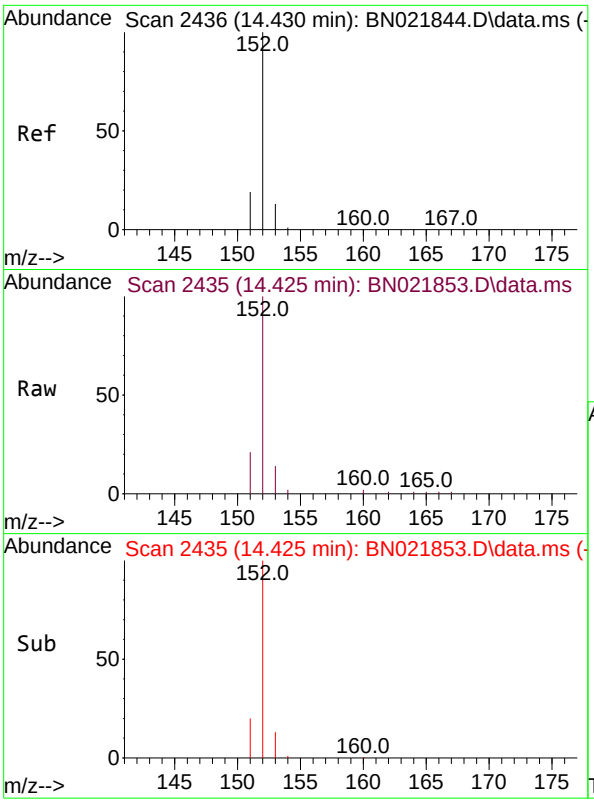


#8
1-Methylnaphthalene
Concen: 0.301 ng/ul
RT: 12.753 min Scan# 2096
Delta R.T. -0.006 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Tgt Ion:142 Resp: 9449

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.9	110.9



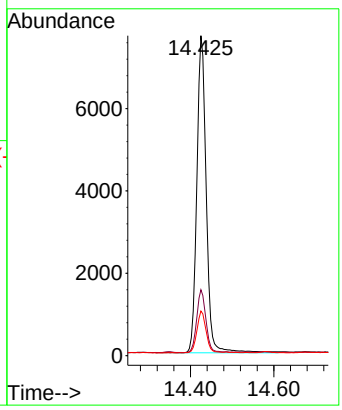


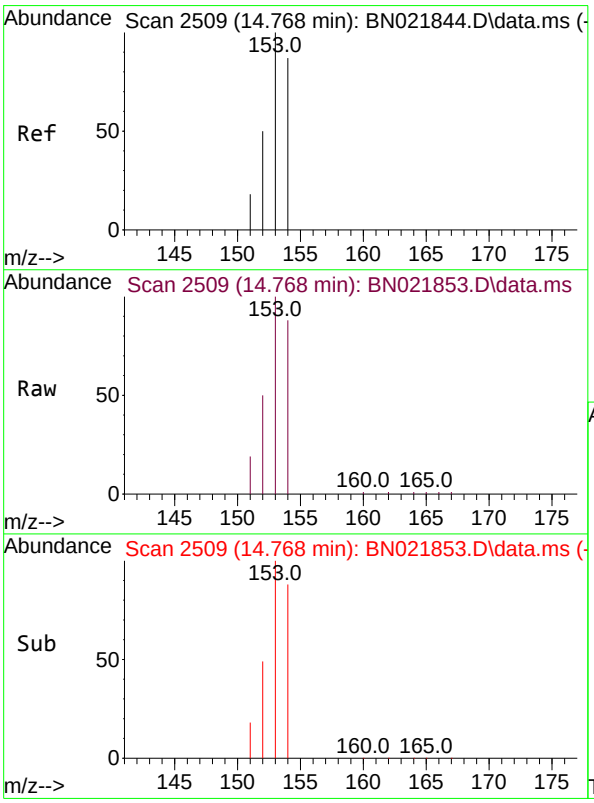
#10
Acenaphthylene
Concen: 0.312 ng/ul
RT: 14.425 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Instrument :
BNA_N
ClientSampleId :
EXZ32MS

Tgt Ion:152 Resp: 12028

Ion	Ratio	Lower	Upper
152	100		
151	20.6	16.9	25.3
153	13.9	11.2	16.8

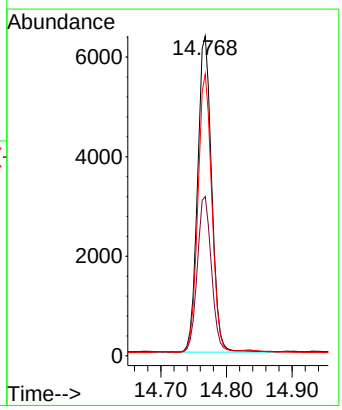


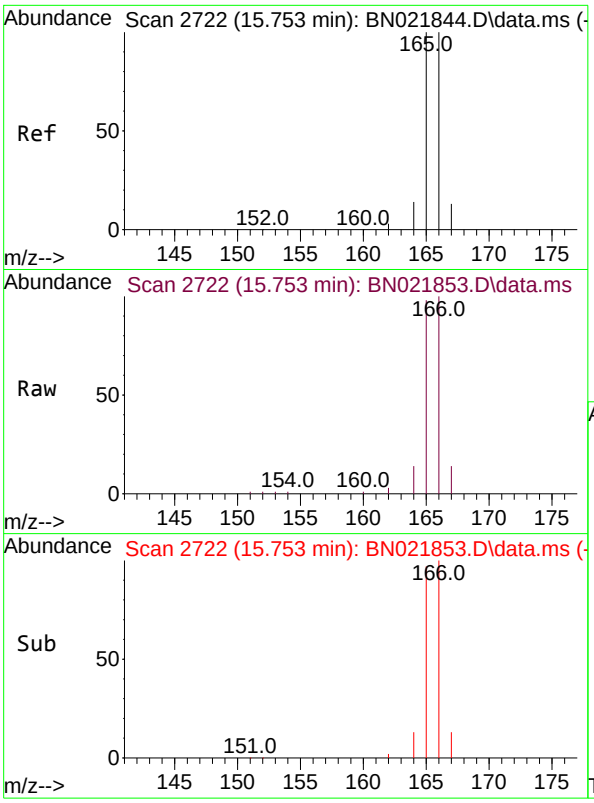


#11
Acenaphthene
Concen: 0.289 ng/ul
RT: 14.768 min Scan# 2509
Delta R.T. -0.005 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Tgt Ion:153 Resp: 9432

Ion	Ratio	Lower	Upper
153	100		
152	49.8	40.2	60.4
154	88.1	70.7	106.1



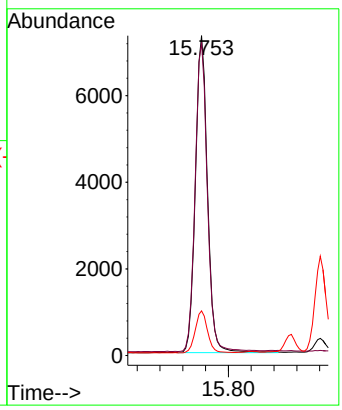


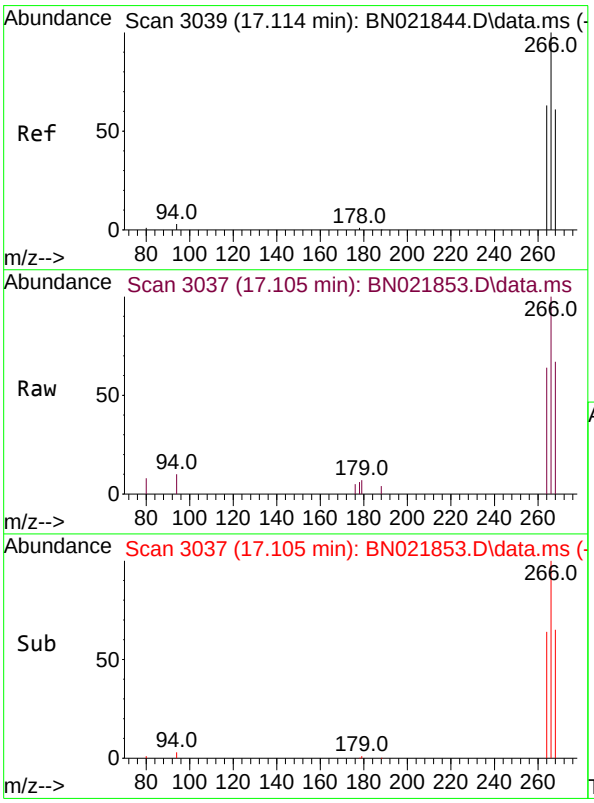
#12
Fluorene
Concen: 0.294 ng/ul
RT: 15.753 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Instrument :
BNA_N
ClientSampleId :
EXZ32MS

Tgt Ion:166 Resp: 10753

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.6	117.8
167	13.9	11.8	17.6

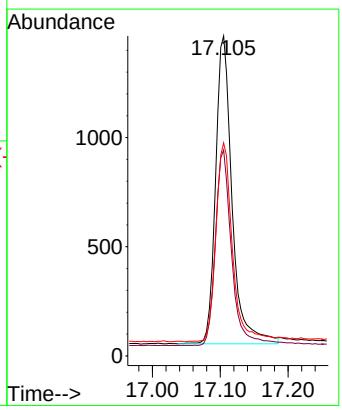


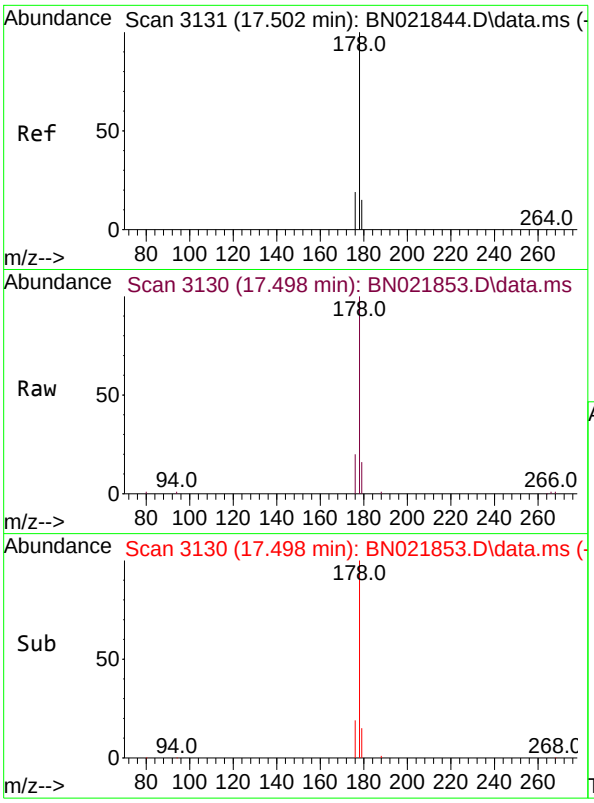


#14
Pentachlorophenol
Concen: 0.740 ng/ul
RT: 17.105 min Scan# 3037
Delta R.T. -0.004 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Tgt Ion:266 Resp: 2382

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.8	74.8
268	65.1	50.6	75.8



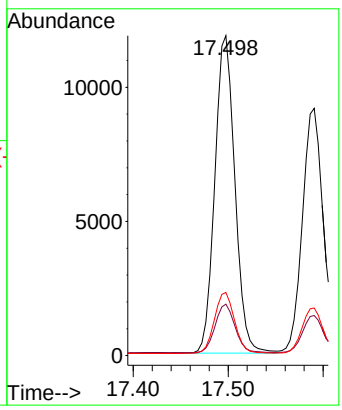


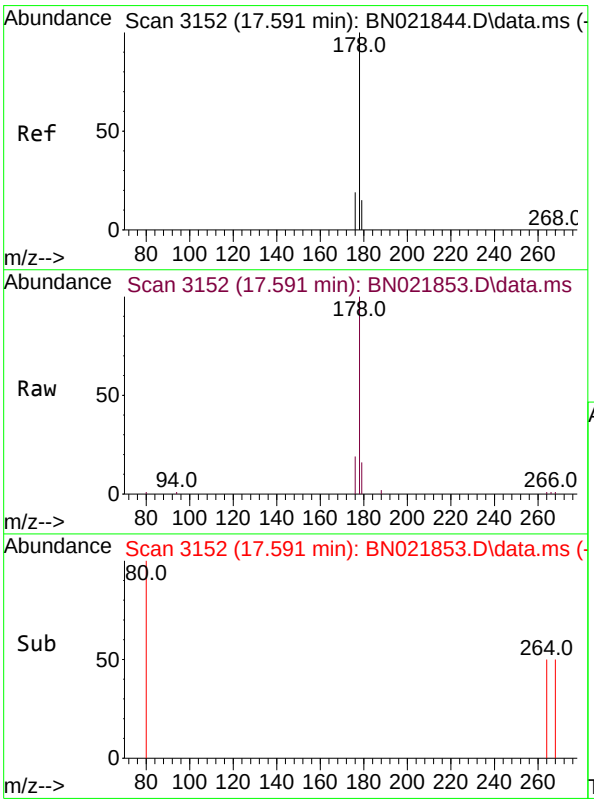
#15
Phenanthrene
Concen: 0.330 ng/ul
RT: 17.498 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Instrument :
BNA_N
ClientSampleId :
EXZ32MS

Tgt Ion:178 Resp: 17312

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

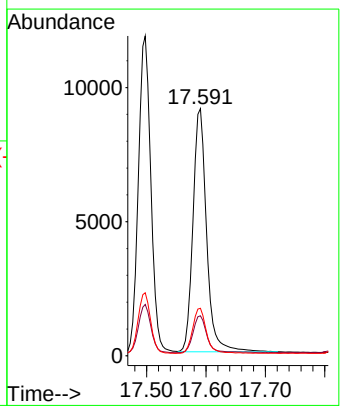


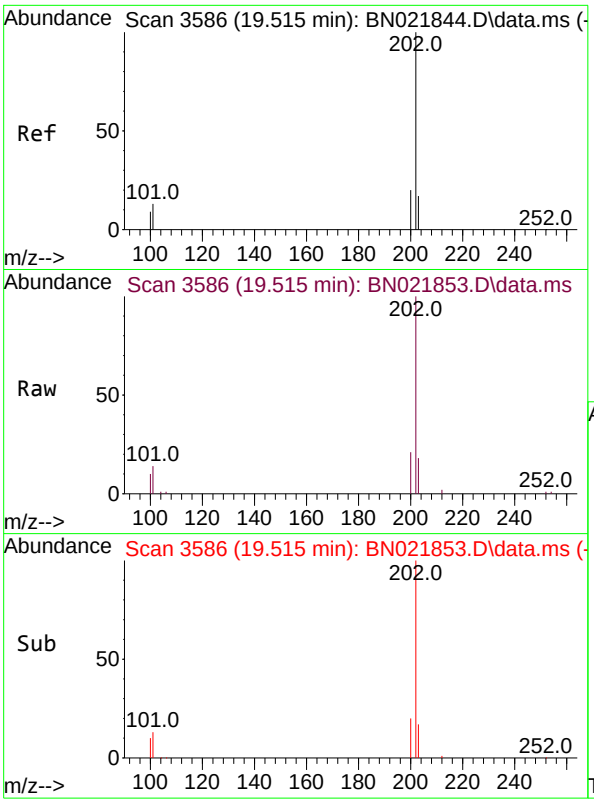


#16
Anthracene
Concen: 0.333 ng/ul
RT: 17.591 min Scan# 3152
Delta R.T. -0.004 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Tgt Ion:178 Resp: 14485

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.9	19.3
176	19.2	15.9	23.9



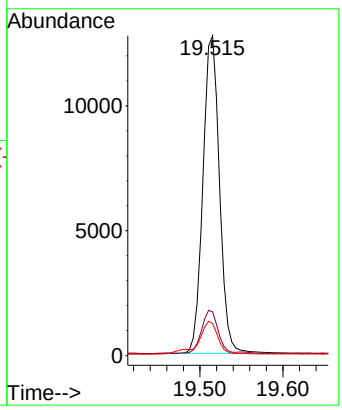


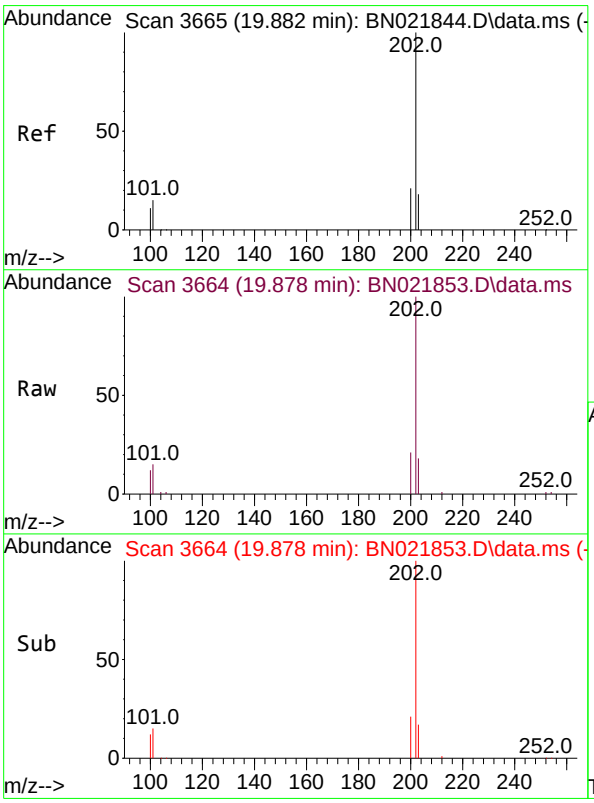
#19
Fluoranthene
Concen: 0.384 ng/ul
RT: 19.515 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Instrument :
BNA_N
ClientSampleId :
EXZ32MS

Tgt Ion:202 Resp: 17607

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.0	15.0
100	10.0	8.0	12.0

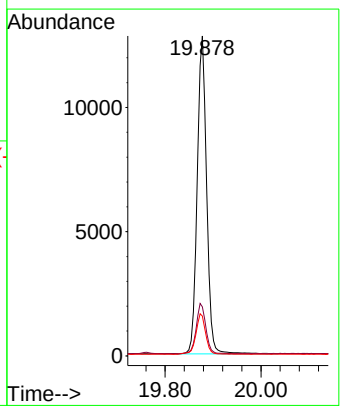


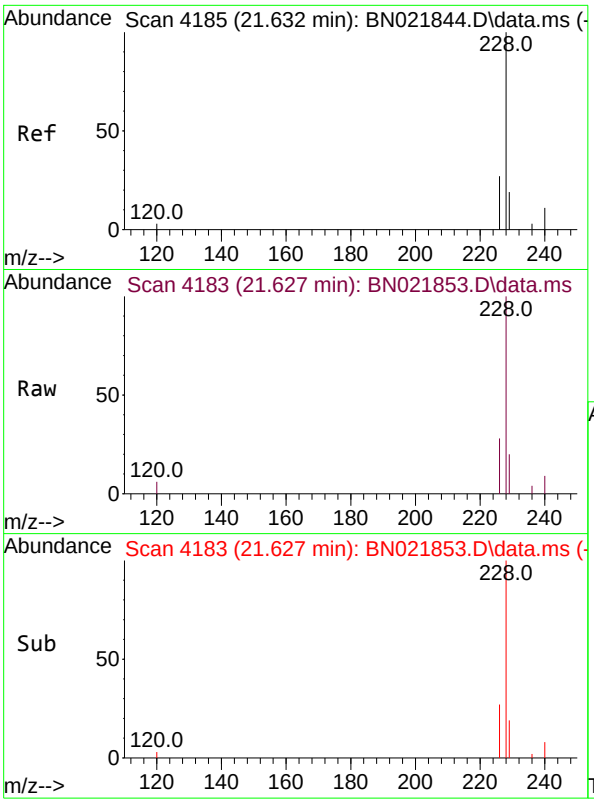


#20
Pyrene
Concen: 0.384 ng/ul
RT: 19.878 min Scan# 3664
Delta R.T. -0.000 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Tgt Ion:202 Resp: 17339

Ion	Ratio	Lower	Upper
202	100		
101	15.3	11.3	16.9
100	12.4	9.0	13.4



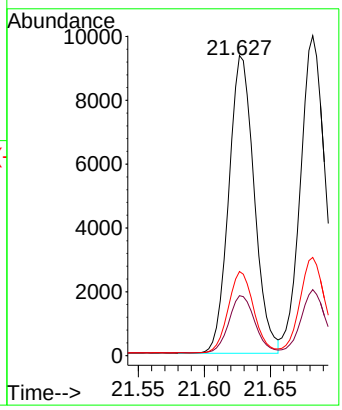


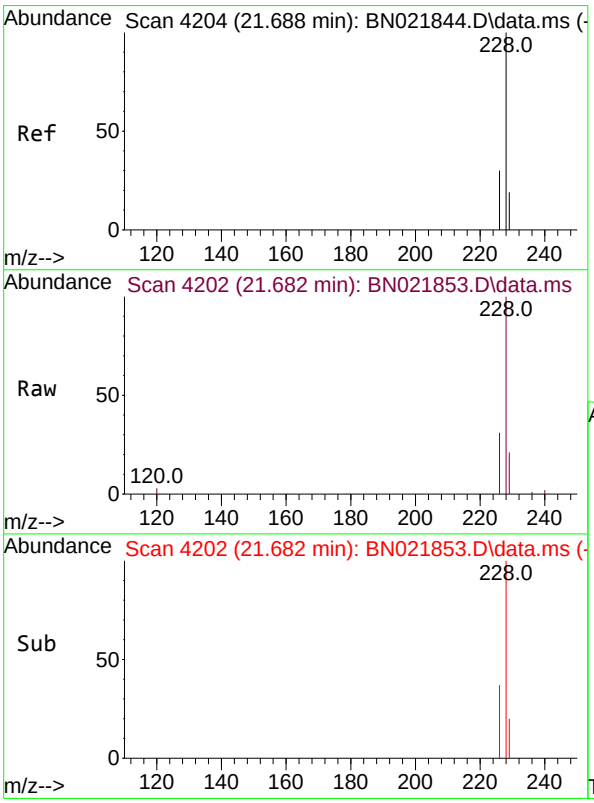
#21
Benzo(a)anthracene
Concen: 0.380 ng/ul
RT: 21.627 min Scan# 41
Delta R.T. -0.003 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Instrument :
BNA_N
ClientSampleId :
EXZ32MS

Tgt Ion:228 Resp: 12493

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.0	24.0
226	28.0	21.9	32.9

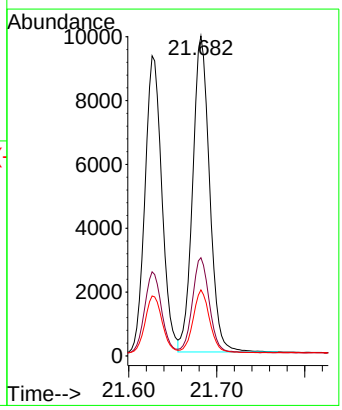


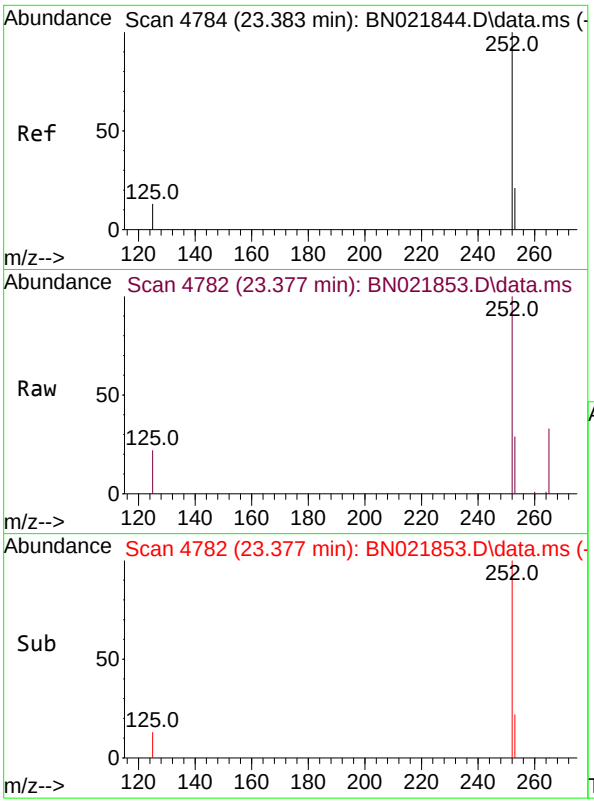


#22
Chrysene
Concen: 0.367 ng/ul
RT: 21.682 min Scan# 4202
Delta R.T. -0.003 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Tgt Ion:228 Resp: 13165

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	20.6	15.8	23.8



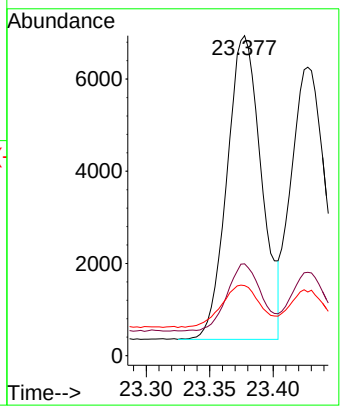


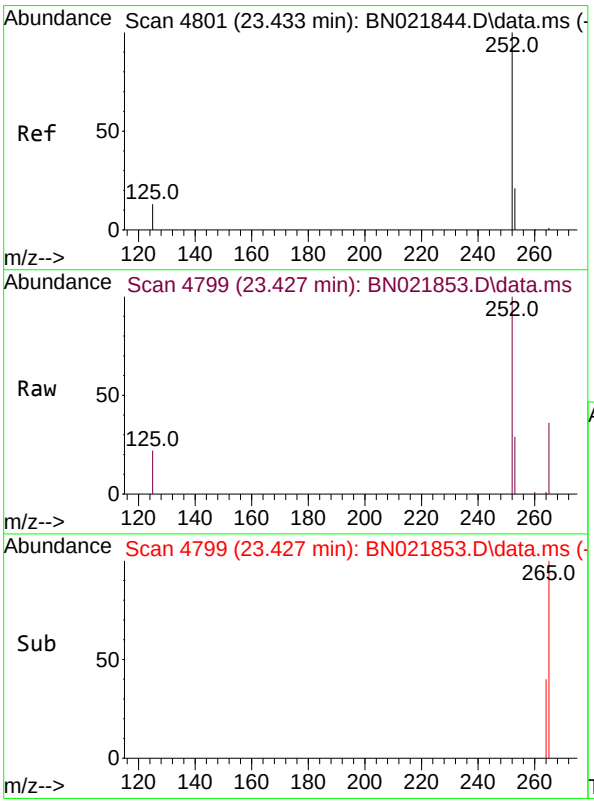
#24
Benzo(b)fluoranthene
Concen: 0.327 ng/ul
RT: 23.377 min Scan# 4
Delta R.T. -0.003 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Instrument :
BNA_N
ClientSampleId :
EXZ32MS

Tgt Ion:252 Resp: 12439

Ion	Ratio	Lower	Upper
252	100		
253	28.7	0.0	50.8
125	21.9	0.0	30.0

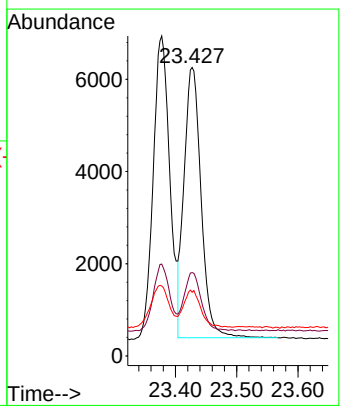


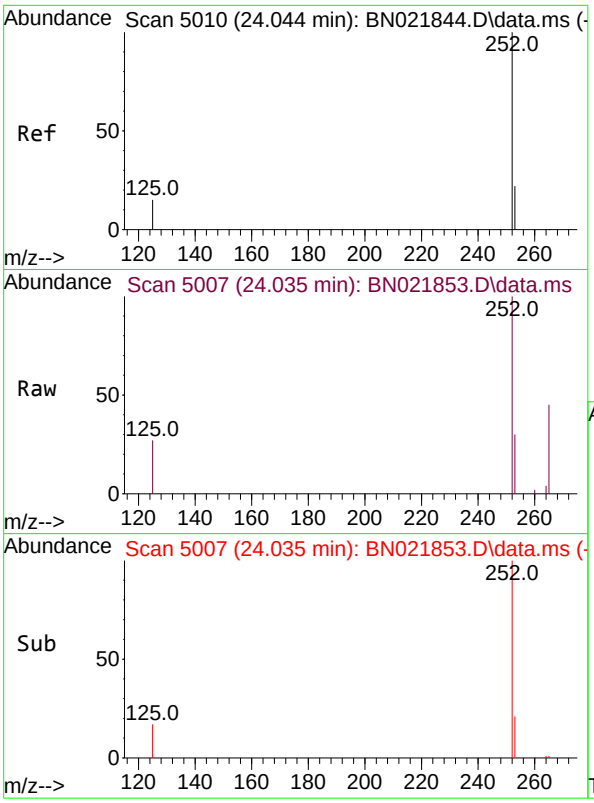


#25
Benzo(k)fluoranthene
Concen: 0.309 ng/ul
RT: 23.427 min Scan# 4799
Delta R.T. -0.003 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Tgt Ion:252 Resp: 11389

Ion	Ratio	Lower	Upper
252	100		
253	28.9	20.6	31.0
125	22.1	11.8	17.6#



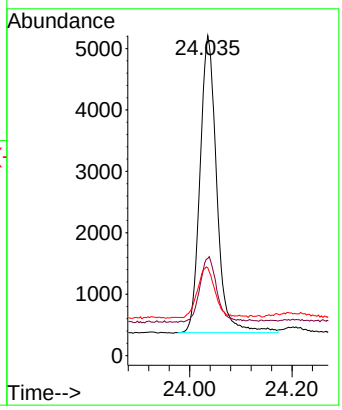


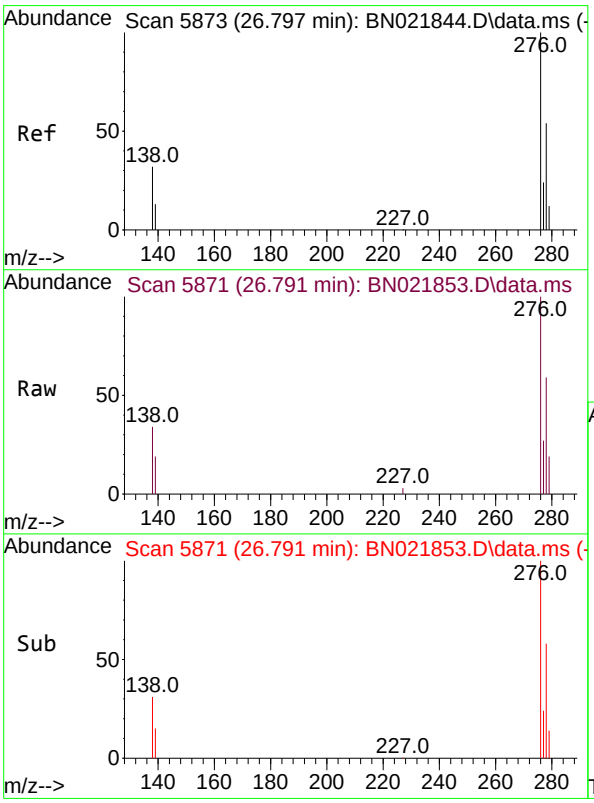
#26
Benzo(a)pyrene
Concen: 0.381 ng/ul
RT: 24.035 min Scan# 5
Delta R.T. -0.006 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Instrument :
BNA_N
ClientSampleId :
EXZ32MS

Tgt Ion:252 Resp: 10958

Ion	Ratio	Lower	Upper
252	100		
253	30.4	22.1	33.1
125	27.4	14.7	22.1#

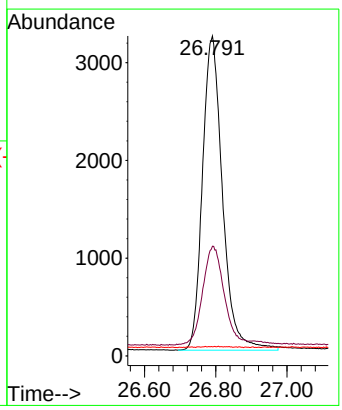


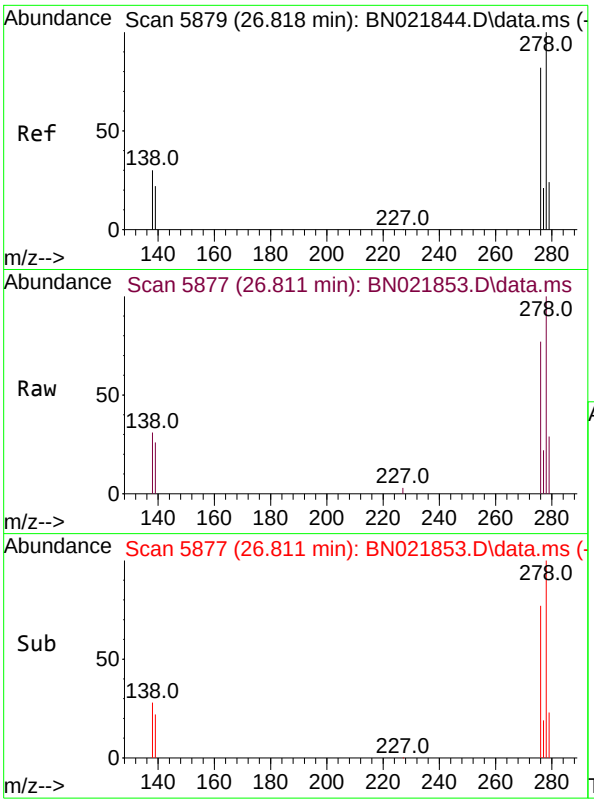


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.387 ng/ul
RT: 26.791 min Scan# 5871
Delta R.T. -0.000 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Tgt Ion:276 Resp: 12532

Ion	Ratio	Lower	Upper
276	100		
138	34.7	26.1	39.1
227	0.0	0.1	0.1#



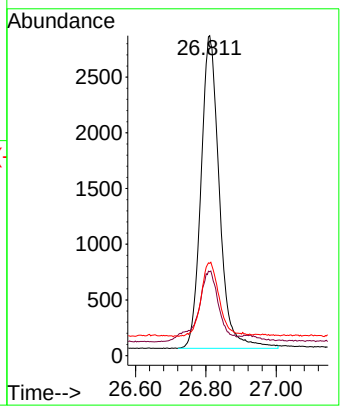


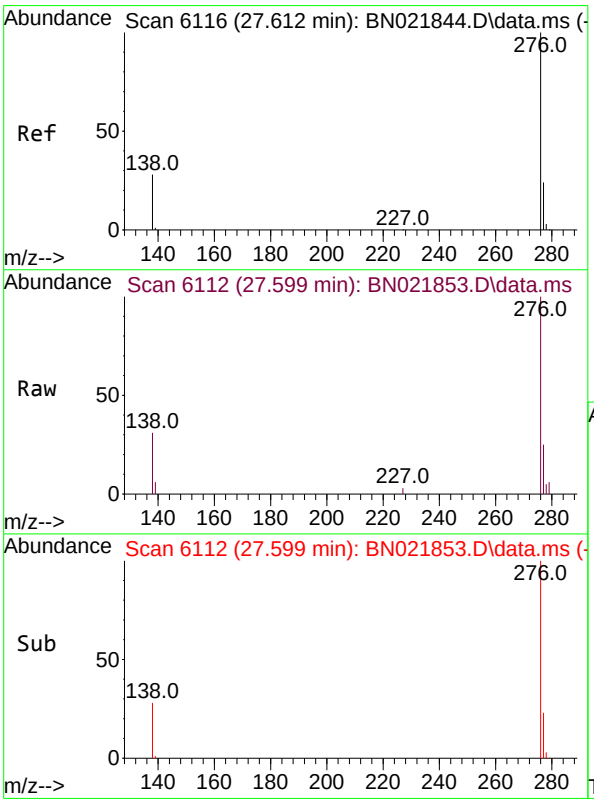
#28
Dibenzo(a,h)anthracene
Concen: 0.372 ng/ul
RT: 26.811 min Scan# 58
Delta R.T. -0.007 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Instrument :
BNA_N
ClientSampleId :
EXZ32MS

Tgt Ion:278 Resp: 10208

Ion	Ratio	Lower	Upper
278	100		
139	26.2	18.3	27.5
279	28.9	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.369 ng/ul
RT: 27.599 min Scan# 6112
Delta R.T. -0.010 min
Lab File: BN021853.D
Acq: 21 Sep 2022 22:27

Tgt Ion:276 Resp: 11014

Ion	Ratio	Lower	Upper
276	100		
138	31.1	22.6	34.0
277	25.0	20.2	30.2