Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030422\
Data File : BN018834.D
Acq On : 03 Mar 2022 20:03
Operator : CG/JU
Sample : N1745-13MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
H0AB1MSD

Quant Time: Mar 04 01:47:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 18 13:39:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	5226	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	14787	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.542	164	8943	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.283	188	20198	0.400	ng/ul	0.00
17) Chrysene-d12	21.462	240	16930	0.400	ng/ul	# 0.00
23) Perylene-d12	23.853	264	13666	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	12531	2.111	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.304	152	7847	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.308	212	25484	0.504	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	4467	0.734	ng/ul#	79
5) Naphthalene	10.765	128	14257	0.340	ng/ul	100
7) 2-Methylnaphthalene	12.376	142	9406	0.348	ng/ul	99
8) 1-Methylnaphthalene	12.596	142	9396	0.349	ng/ul	99
10) Acenaphthylene	14.265	152	14013	0.348	ng/ul	99
11) Acenaphthene	14.607	153	10896	0.337	ng/ul	99
12) Fluorene	15.588	166	13134	0.379	ng/ul	99
14) Pentachlorophenol	16.933	266	3716	0.902	ng/ul	99
15) Phenanthrene	17.326	178	25802	0.389	ng/ul	100
16) Anthracene	17.414	178	21768	0.367	ng/ul	99
19) Fluoranthene	19.335	202	33446	0.471	ng/ul#	92
20) Pyrene	19.698	202	33947	0.463	ng/ul#	91
21) Benzo(a)anthracene	21.444	228	26518	0.404	ng/ul	99
22) Chrysene	21.497	228	28908	0.423	ng/ul	100
24) Benzo(b)fluoranthene	23.125	252	27133	0.446	ng/ul	94
25) Benzo(k)fluoranthene	23.171	252	26099	0.430	ng/ul#	96
26) Benzo(a)pyrene	23.747	252	24097	0.449	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.336	276	24254	0.355	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.356	278	19272	0.360	ng/ul#	92
29) Benzo(g,h,i)perylene	27.097	276	20617	0.352	ng/ul#	91

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

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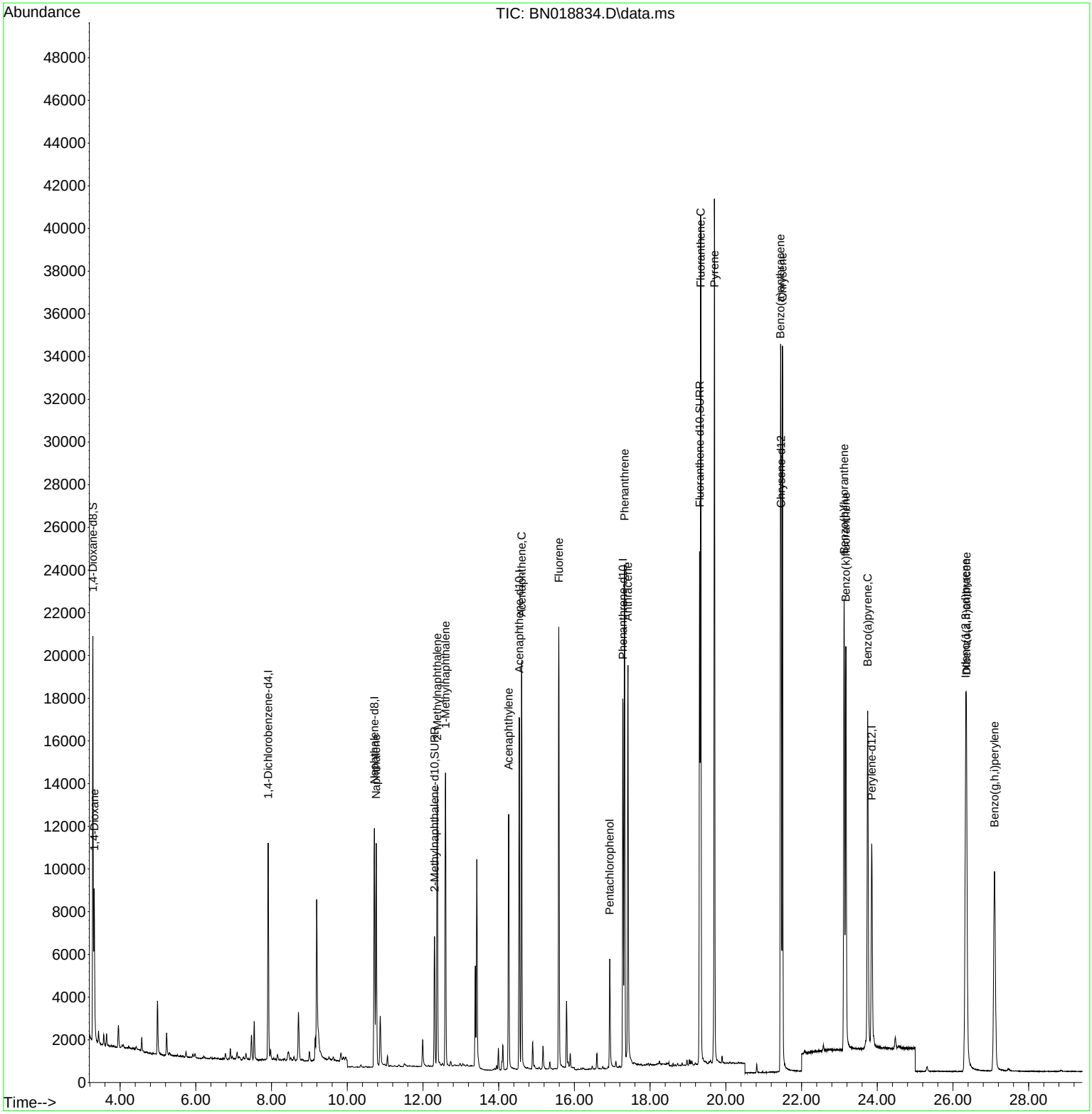
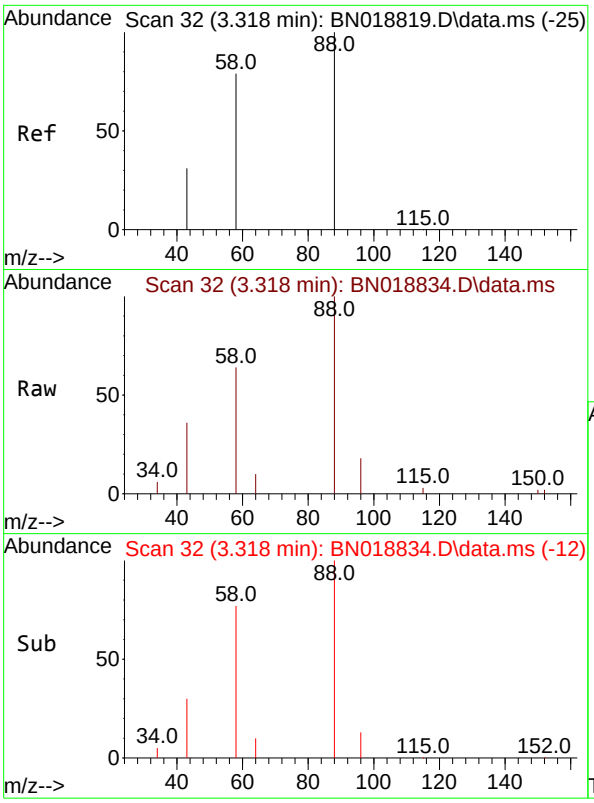


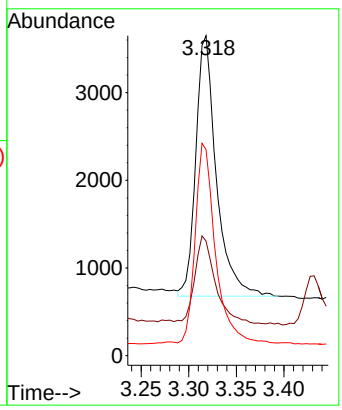


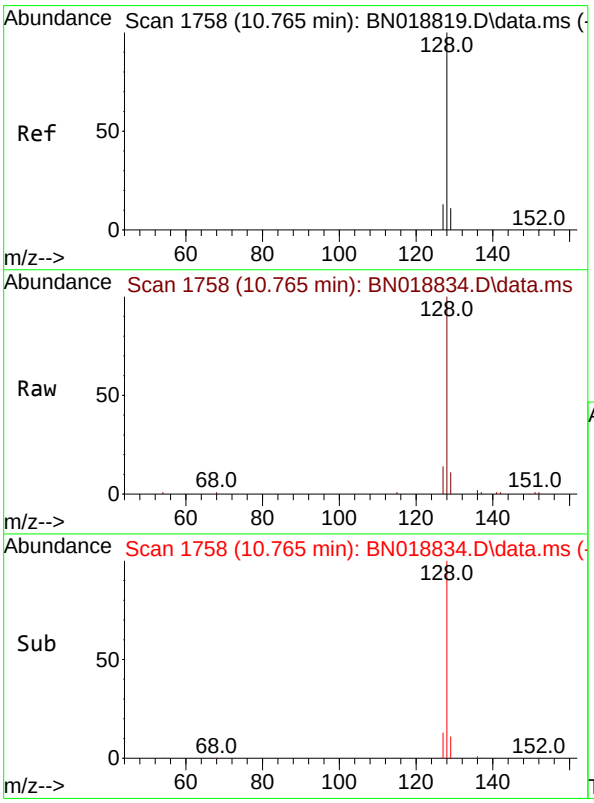
#2
1,4-Dioxane
Concen: 0.734 ng/ul
RT: 3.318 min Scan# 3
Delta R.T. -0.016 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Instrument :
BNA_N
ClientSampleId :
H0AB1MSD

Tgt Ion: 88 Resp: 4467

Ion	Ratio	Lower	Upper
88	100		
43	35.8	47.8	71.8#
58	64.4	46.2	69.2

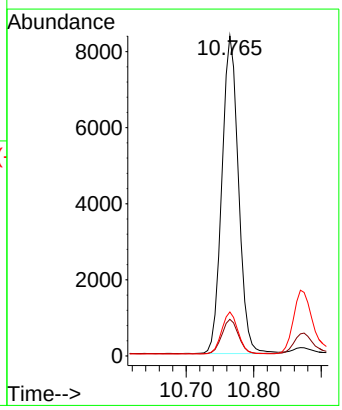


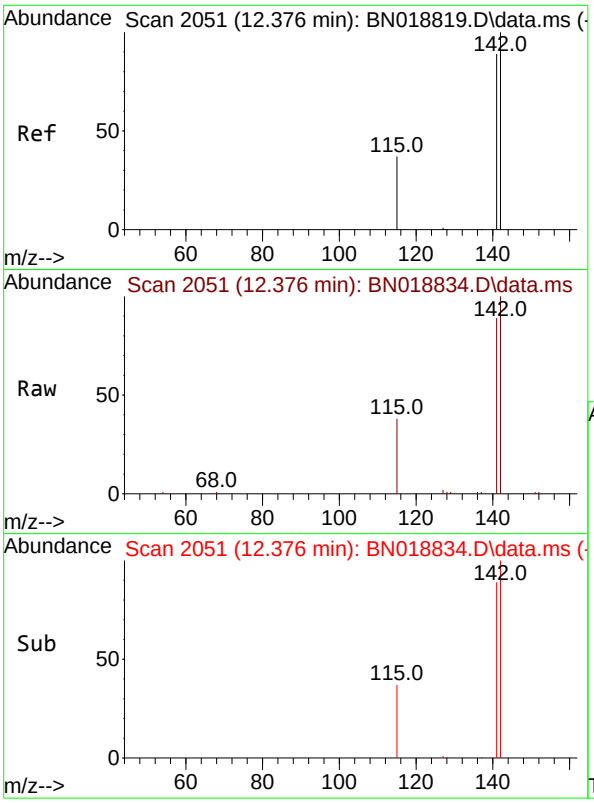


#5
Naphthalene
Concen: 0.340 ng/ul
RT: 10.765 min Scan# 1758
Delta R.T. -0.009 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Tgt Ion:128 Resp: 14257

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.4	14.0
127	13.8	11.0	16.6



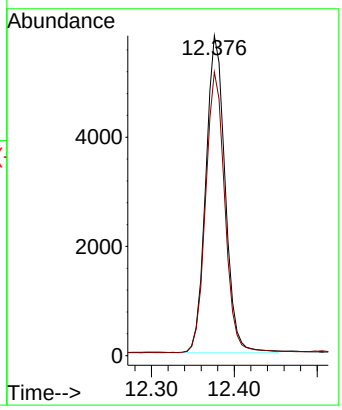


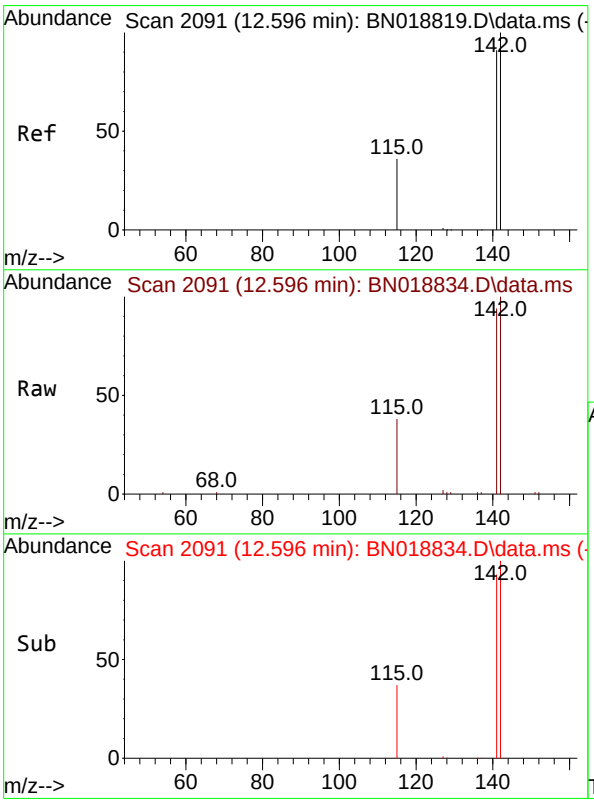
#7
2-Methylnaphthalene
Concen: 0.348 ng/ul
RT: 12.376 min Scan# 2(
Delta R.T. -0.009 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Instrument :
BNA_N
ClientSampleId :
H0AB1MSD

Tgt Ion:142 Resp: 9406

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.9	106.3

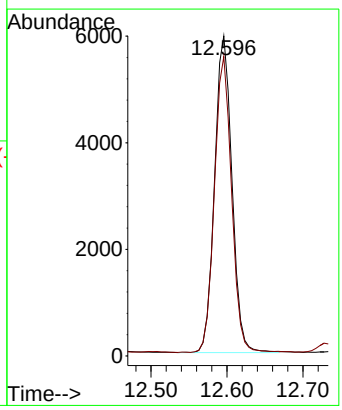


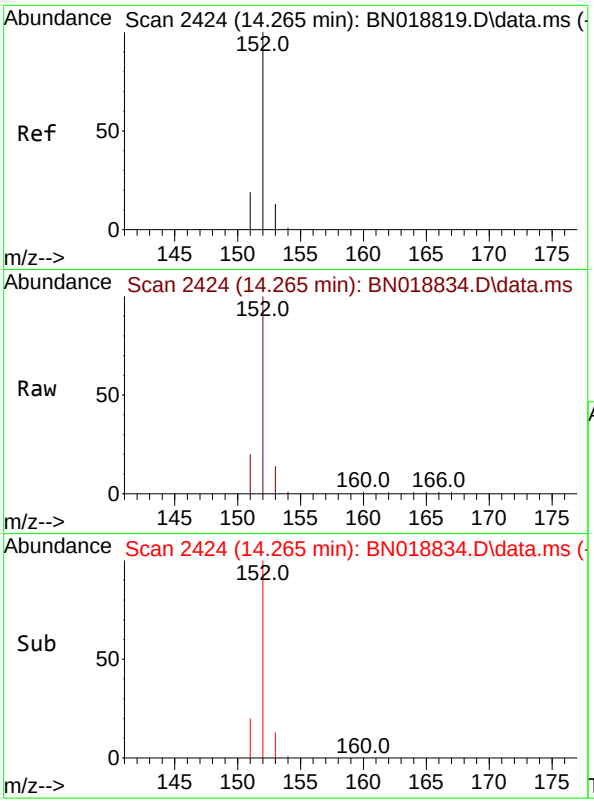


#8
1-Methylnaphthalene
Concen: 0.349 ng/ul
RT: 12.596 min Scan# 2091
Delta R.T. -0.009 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Tgt Ion:142 Resp: 9396

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.2	109.8



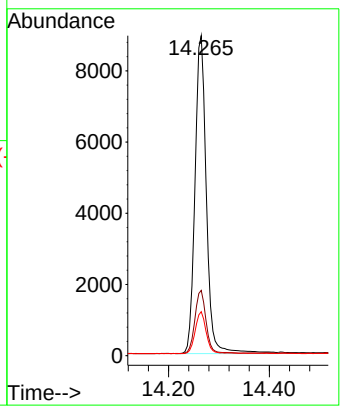


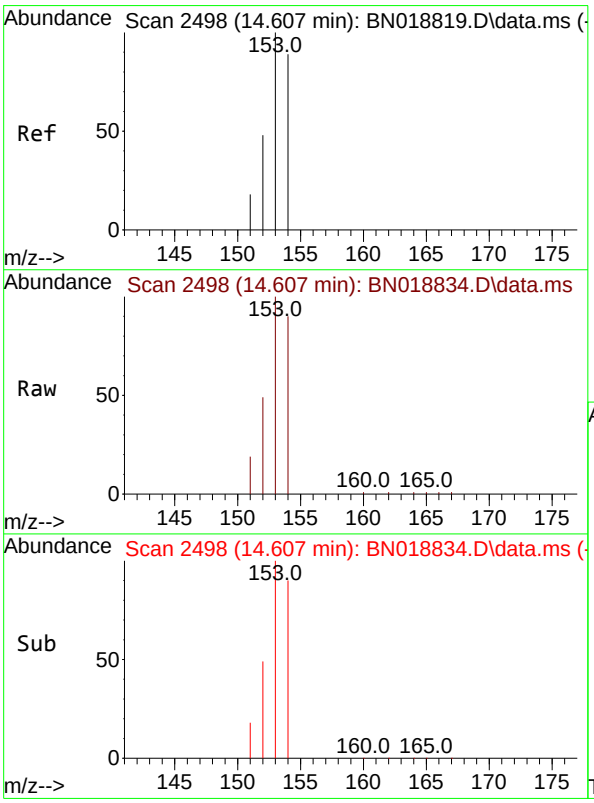
#10
Acenaphthylene
Concen: 0.348 ng/ul
RT: 14.265 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Instrument :
BNA_N
ClientSampleId :
H0AB1MSD

Tgt Ion:152 Resp: 14013

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.8	23.8
153	13.8	10.7	16.1

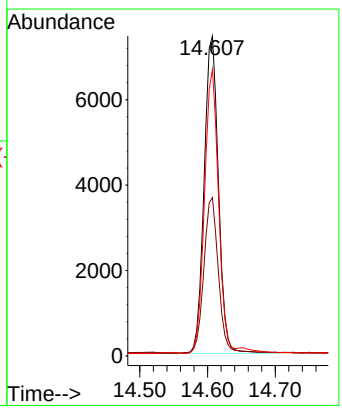


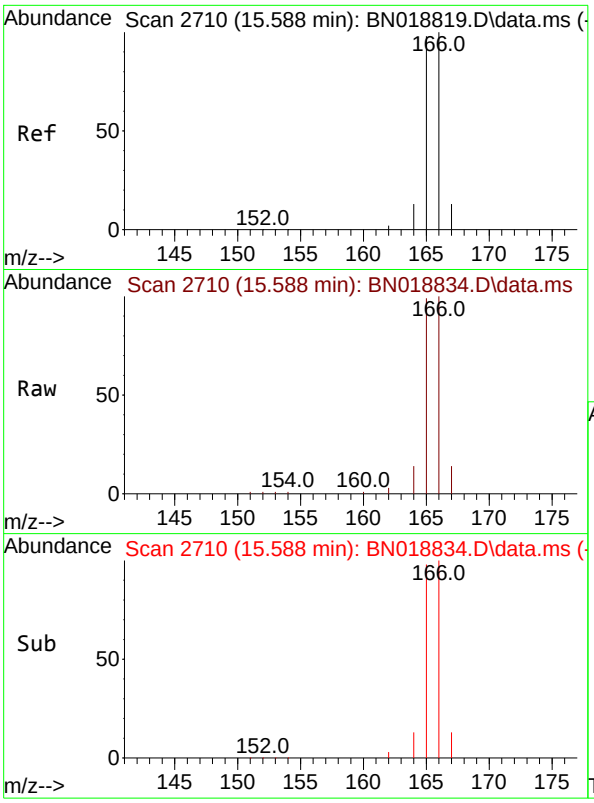


#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.607 min Scan# 2498
Delta R.T. -0.004 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Tgt Ion:153 Resp: 10896

Ion	Ratio	Lower	Upper
153	100		
152	49.5	39.7	59.5
154	89.5	70.9	106.3



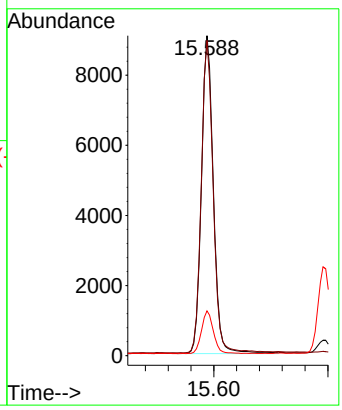


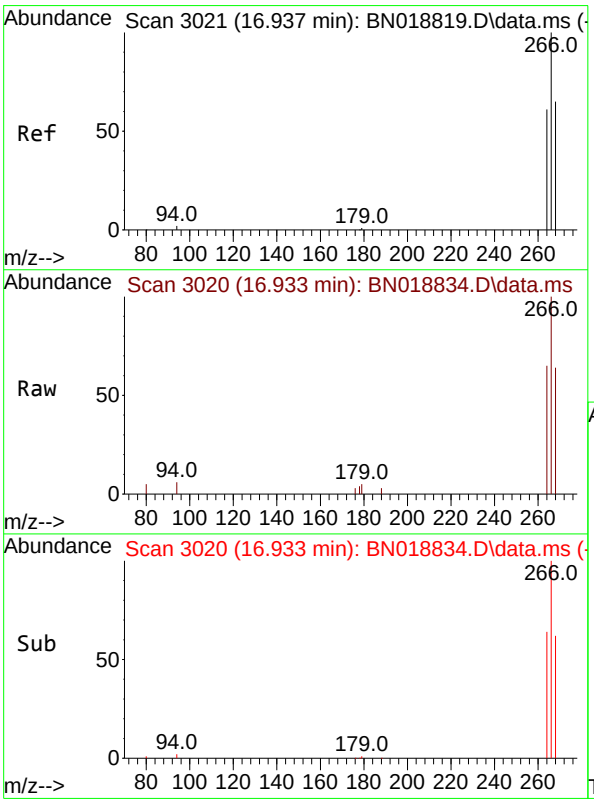
#12
Fluorene
Concen: 0.379 ng/ul
RT: 15.588 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Instrument :
BNA_N
ClientSampleId :
H0AB1MSD

Tgt Ion:166 Resp: 13134

Ion	Ratio	Lower	Upper
166	100		
165	98.5	77.8	116.6
167	14.0	11.6	17.4

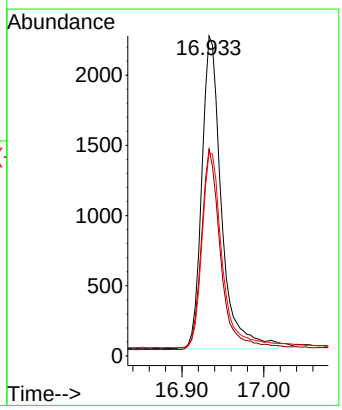


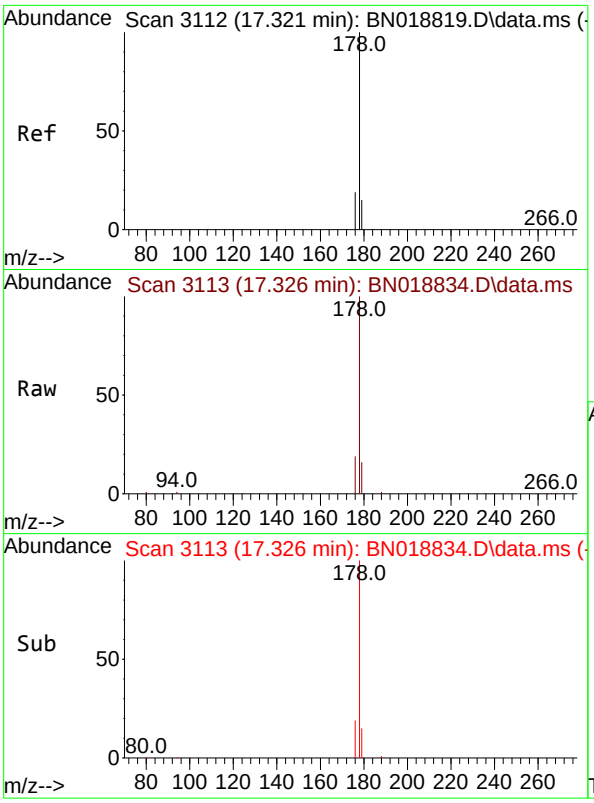


#14
Pentachlorophenol
Concen: 0.902 ng/ul
RT: 16.933 min Scan# 3020
Delta R.T. -0.008 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Tgt Ion:266 Resp: 3716

Ion	Ratio	Lower	Upper
266	100		
264	63.1	49.9	74.9
268	64.5	51.7	77.5



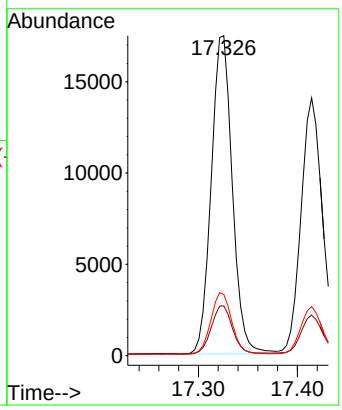


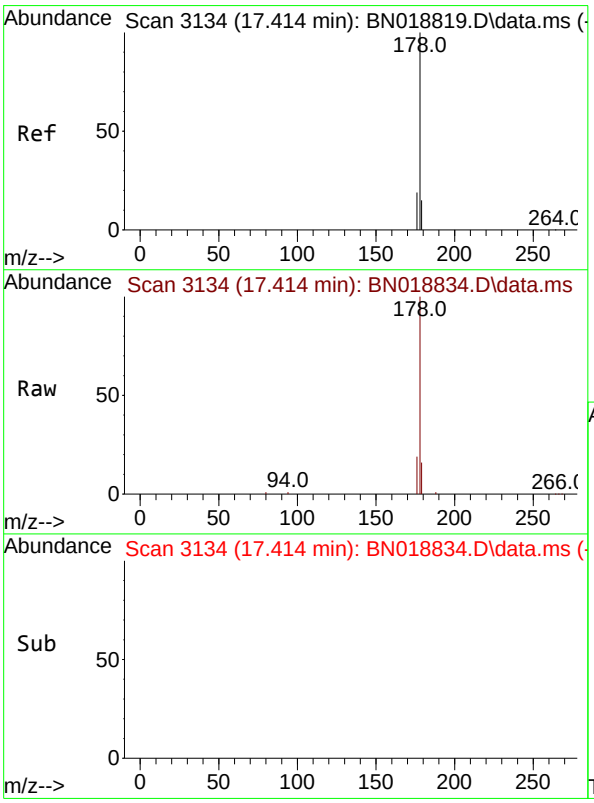
#15
Phenanthrene
Concen: 0.389 ng/ul
RT: 17.326 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Instrument :
BNA_N
ClientSampleId :
H0AB1MSD

Tgt Ion:178 Resp: 25802

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	19.1	15.4	23.2

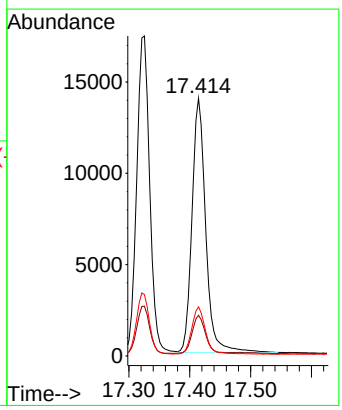


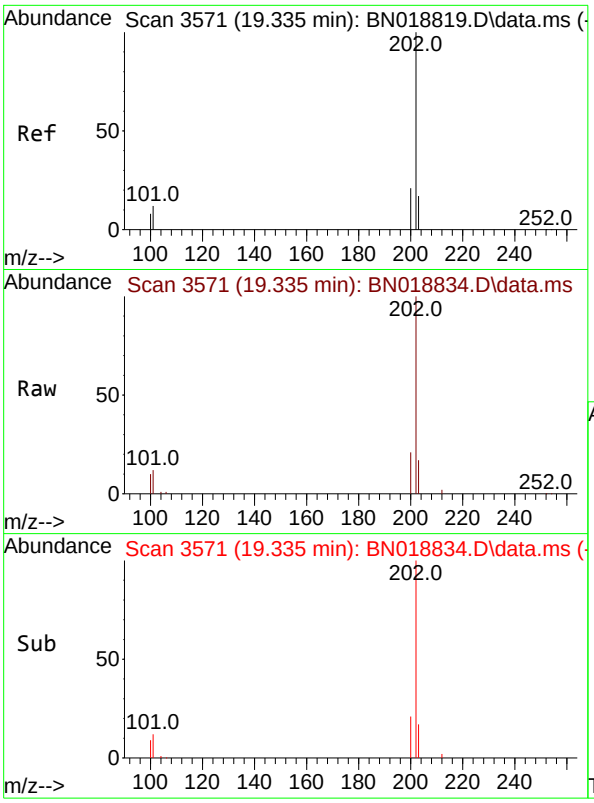


#16
Anthracene
Concen: 0.367 ng/ul
RT: 17.414 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Tgt Ion:178 Resp: 21768

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	19.1	15.5	23.3



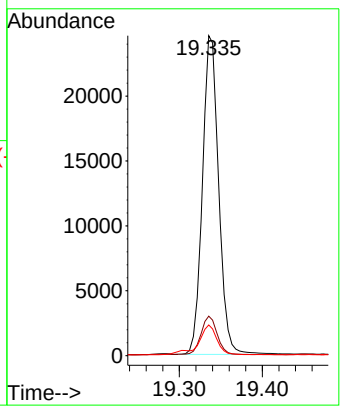


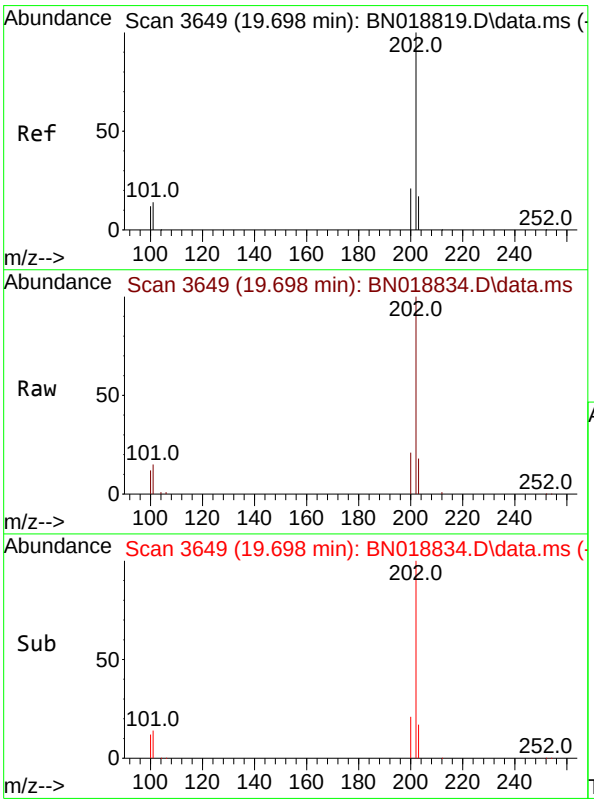
#19
Fluoranthene
Concen: 0.471 ng/ul
RT: 19.335 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Instrument :
BNA_N
ClientSampleId :
H0AB1MSD

Tgt Ion:202 Resp: 33446

Ion	Ratio	Lower	Upper
202	100		
101	12.4	7.5	11.3#
100	9.6	5.4	8.2#

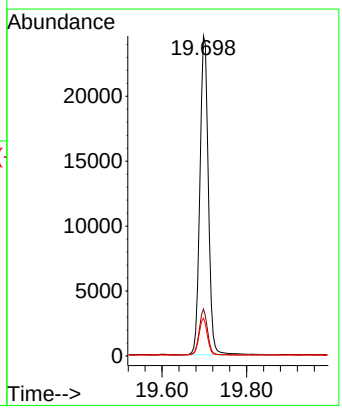


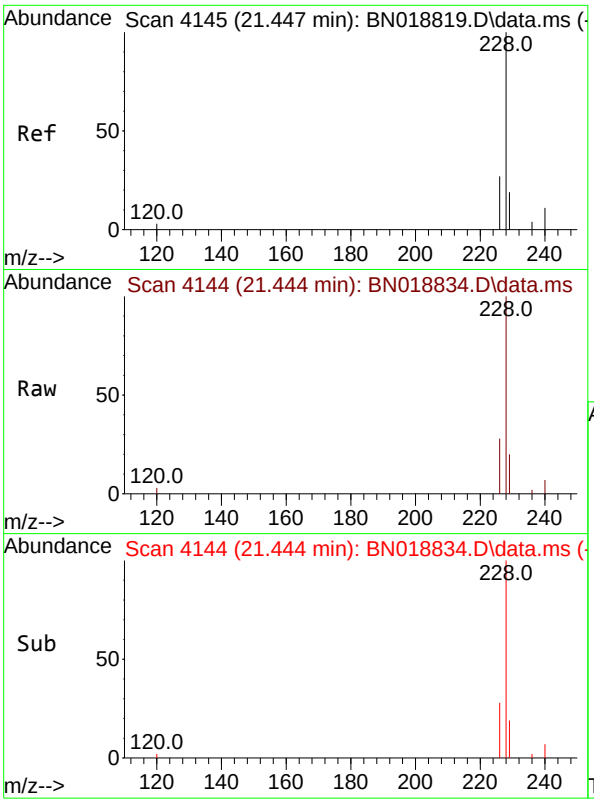


#20
Pyrene
Concen: 0.463 ng/ul
RT: 19.698 min Scan# 3649
Delta R.T. -0.008 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Tgt Ion:202 Resp: 33947

Ion	Ratio	Lower	Upper
202	100		
101	14.6	9.0	13.4#
100	11.9	7.0	10.4#



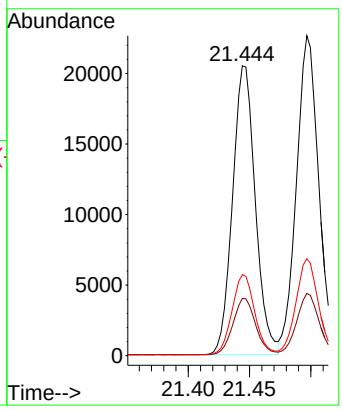


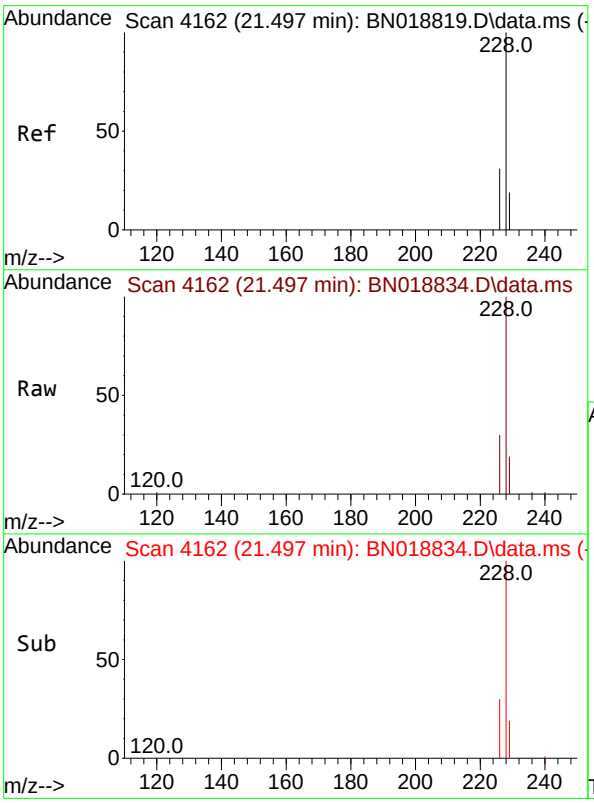
#21
Benzo(a)anthracene
Concen: 0.404 ng/ul
RT: 21.444 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Instrument :
BNA_N
ClientSampleId :
H0AB1MSD

Tgt Ion:228 Resp: 26518

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.6	23.4
226	28.0	22.1	33.1

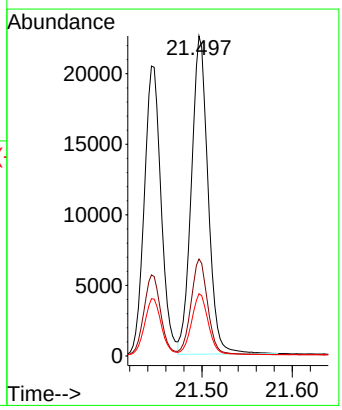


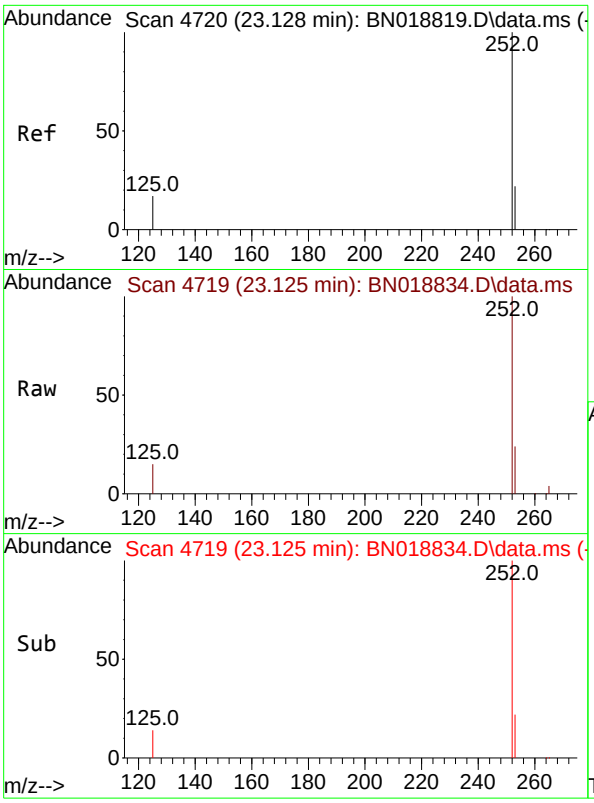


#22
Chrysene
Concen: 0.423 ng/ul
RT: 21.497 min Scan# 4162
Delta R.T. -0.008 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Tgt Ion:228 Resp: 28908

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.2	36.4
229	19.4	15.7	23.5



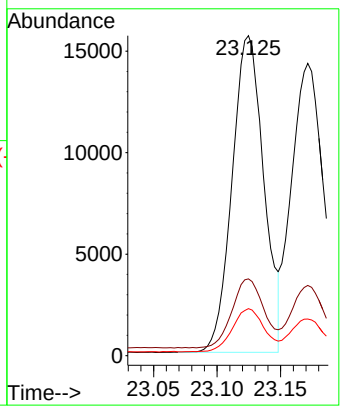


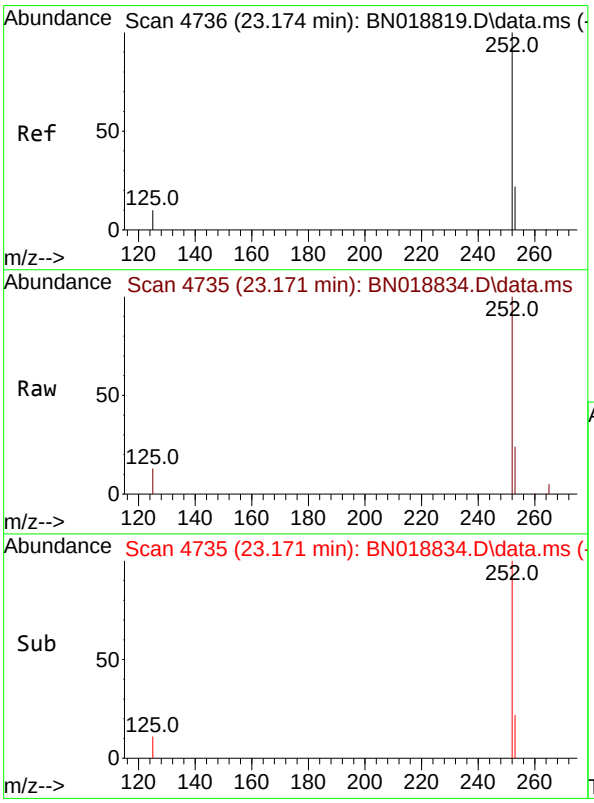
#24
Benzo(b)fluoranthene
Concen: 0.446 ng/ul
RT: 23.125 min Scan# 4
Delta R.T. -0.010 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Instrument :
BNA_N
ClientSampleId :
H0AB1MSD

Tgt Ion:252 Resp: 27133

Ion	Ratio	Lower	Upper
252	100		
253	24.0	0.0	46.4
125	14.7	0.0	17.8

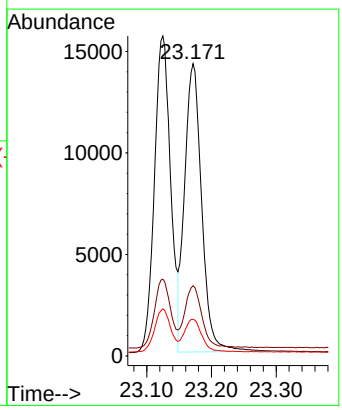


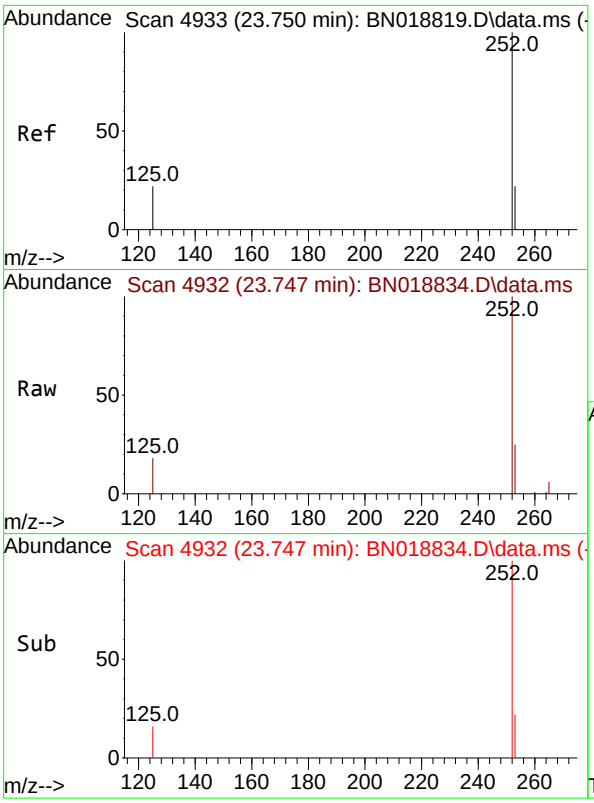


#25
Benzo(k)fluoranthene
Concen: 0.430 ng/ul
RT: 23.171 min Scan# 4735
Delta R.T. -0.010 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Tgt Ion:252 Resp: 26099

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.6	28.0
125	12.6	7.3	10.9#



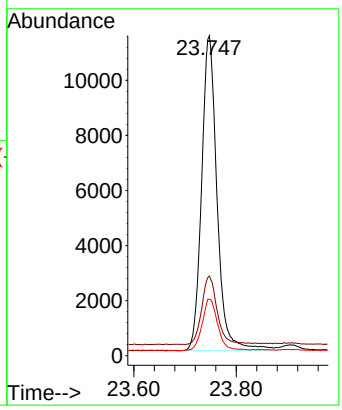


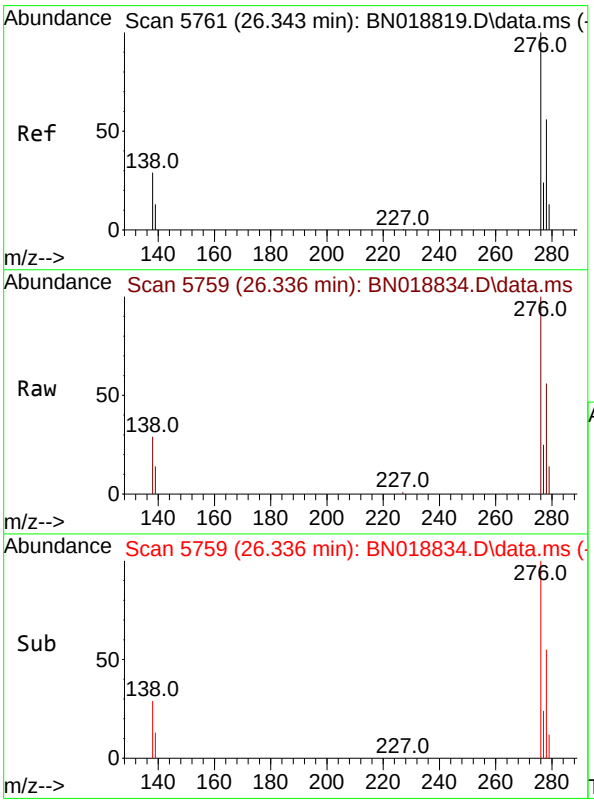
#26
Benzo(a)pyrene
Concen: 0.449 ng/ul
RT: 23.747 min Scan# 4
Delta R.T. -0.013 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Instrument :
BNA_N
ClientSampleId :
H0AB1MSD

Tgt Ion:252 Resp: 24097

Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.9	28.3
125	17.7	8.2	12.2#

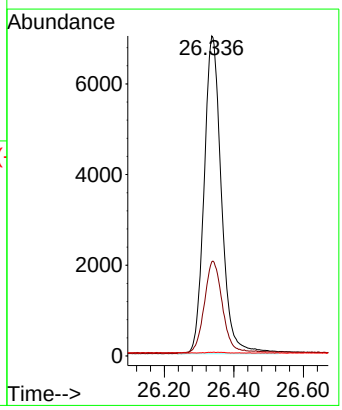


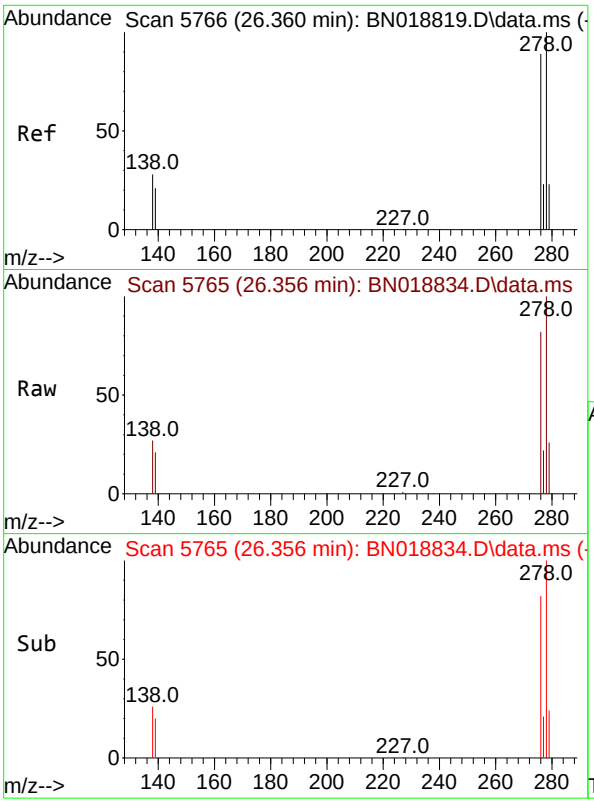


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.355 ng/ul
RT: 26.336 min Scan# 5759
Delta R.T. -0.022 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Tgt Ion:276 Resp: 24254

Ion	Ratio	Lower	Upper
276	100		
138	30.3	16.5	24.7#
227	0.3	0.1	0.1#



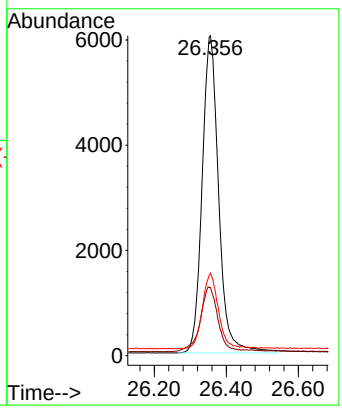


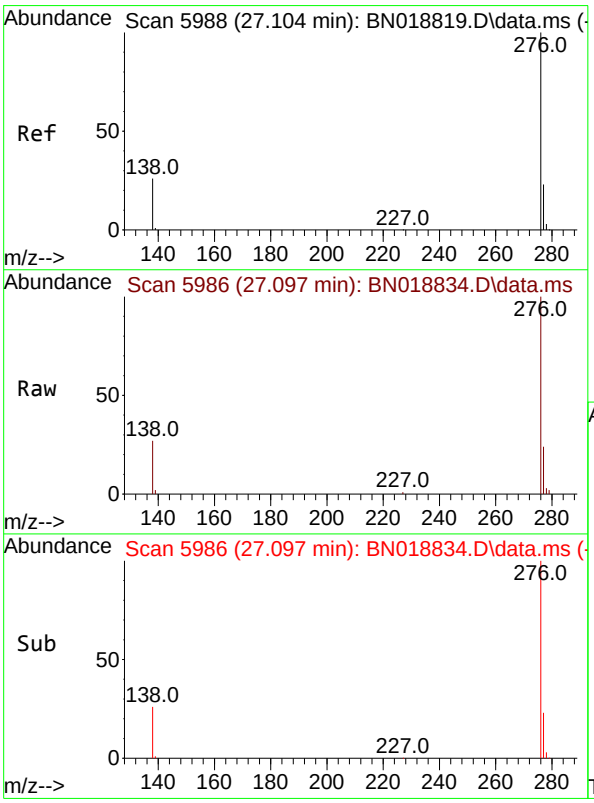
#28
Dibenzo(a,h)anthracene
Concen: 0.360 ng/ul
RT: 26.356 min Scan# 5
Delta R.T. -0.018 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Instrument :
BNA_N
ClientSampleId :
H0AB1MSD

Tgt Ion:278 Resp: 19272

Ion	Ratio	Lower	Upper
278	100		
139	21.3	11.9	17.9#
279	25.8	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 0.352 ng/ul
RT: 27.097 min Scan# 5986
Delta R.T. -0.025 min
Lab File: BN018834.D
Acq: 03 Mar 2022 20:03

Tgt Ion:276 Resp: 20617

Ion	Ratio	Lower	Upper
276	100		
138	26.8	14.4	21.6#
277	24.2	19.2	28.8