Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030422\
Data File : BN018840.D
Acq On : 04 Mar 2022 00:13
Operator : CG/JU
Sample : PB143071BS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS071

Quant Time: Mar 04 01:48:42 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	7.908	152	5034	0.400	ng/ul	-0.01
4) Naphthalene-d8	10.715	136	14320	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.542	164	8691	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.279	188	19033	0.400	ng/ul	#-0.01
17) Chrysene-d12	21.459	240	15338	0.400	ng/ul	#-0.01
23) Perylene-d12	23.850	264	11812	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3617	0.633	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.304	152	7468	0.381	ng/ul	0.00
18) Fluoranthene-d10	19.308	212	19614	0.428	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	9536	1.628	ng/ul#	71
5) Naphthalene	10.765	128	13717	0.338	ng/ul	99
7) 2-Methylnaphthalene	12.376	142	9065	0.347	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	9169	0.352	ng/ul	99
10) Acenaphthylene	14.265	152	12767	0.326	ng/ul	99
11) Acenaphthene	14.602	153	10533	0.336	ng/ul	99
12) Fluorene	15.588	166	12286	0.364	ng/ul	98
14) Pentachlorophenol	16.933	266	2059	0.530	ng/ul	98
15) Phenanthrene	17.321	178	21965	0.351	ng/ul	99
16) Anthracene	17.414	178	17617	0.315	ng/ul	99
19) Fluoranthene	19.335	202	26105	0.405	ng/ul#	92
20) Pyrene	19.698	202	26160	0.394	ng/ul#	93
21) Benzo(a)anthracene	21.444	228	20141	0.339	ng/ul	100
22) Chrysene	21.494	228	25065	0.405	ng/ul	100
24) Benzo(b)fluoranthene	23.122	252	22711	0.432	ng/ul	95
25) Benzo(k)fluoranthene	23.171	252	22229	0.424	ng/ul#	96
26) Benzo(a)pyrene	23.744	252	19390	0.418	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.336	276	20545	0.348	ng/ul#	78
28) Dibenzo(a,h)anthracene	26.353	278	16028	0.346	ng/ul#	92
29) Benzo(g,h,i)perylene	27.097	276	18046	0.357	ng/ul#	90

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

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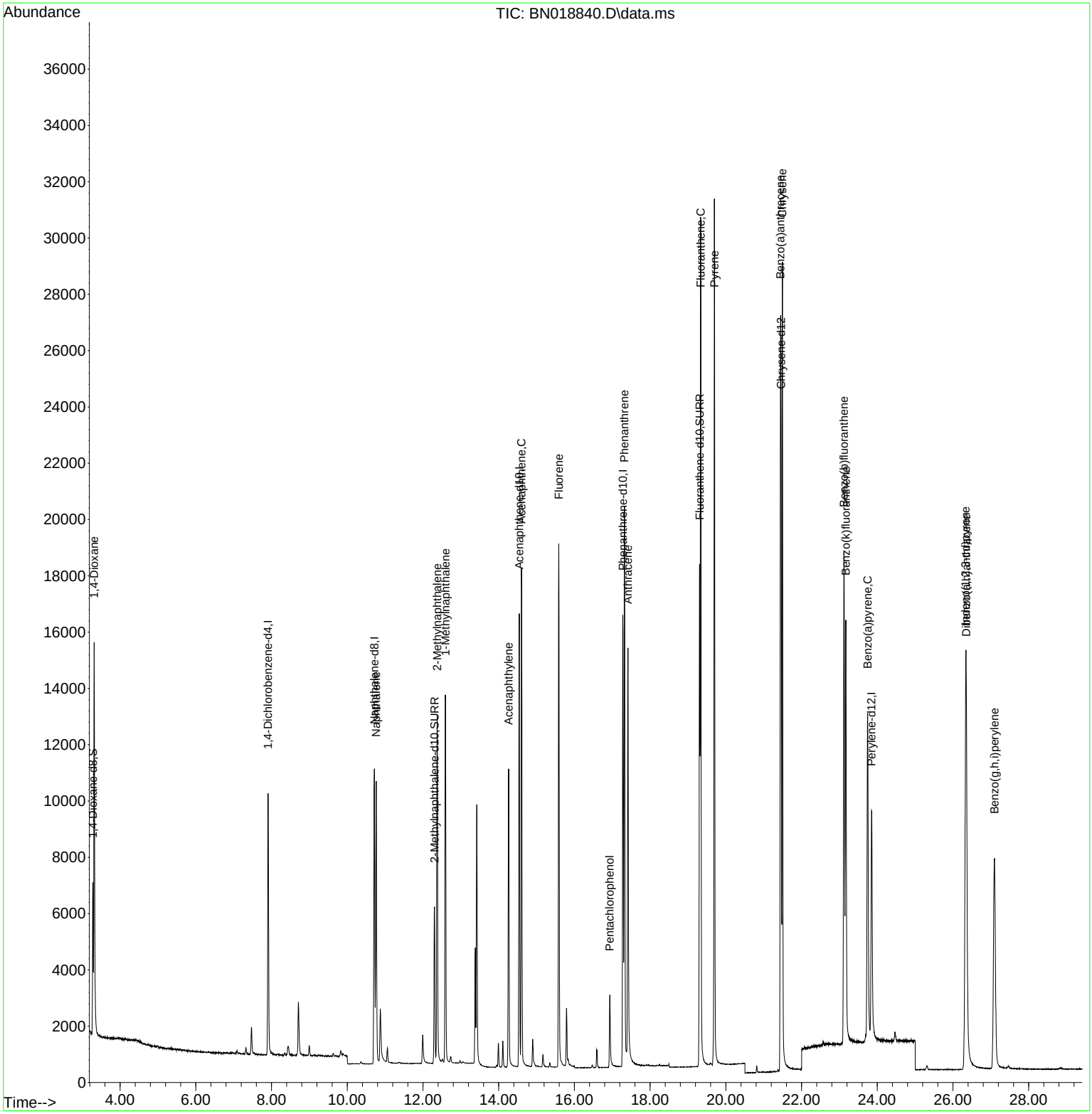
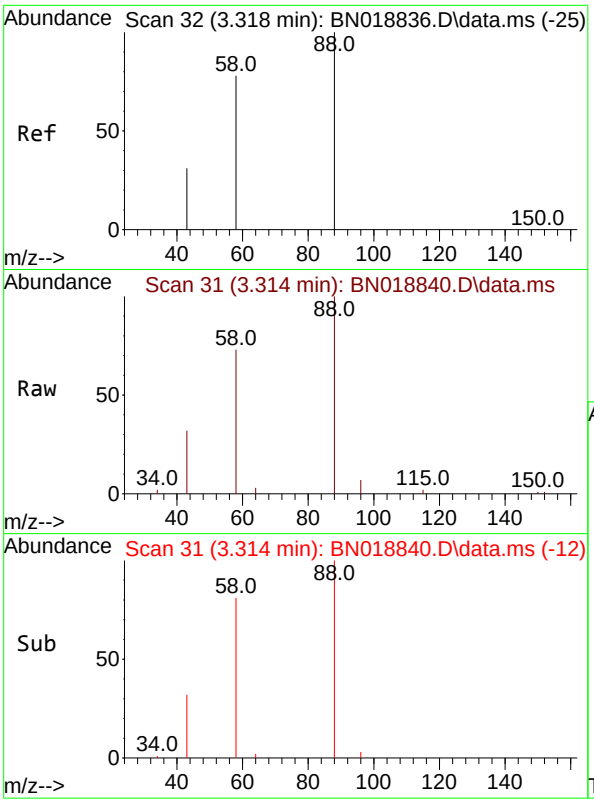


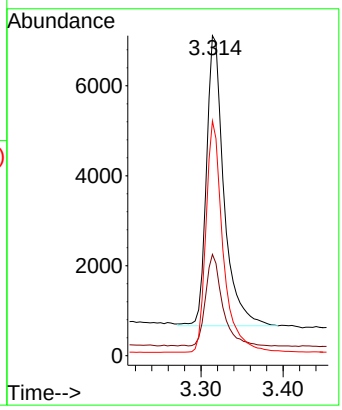


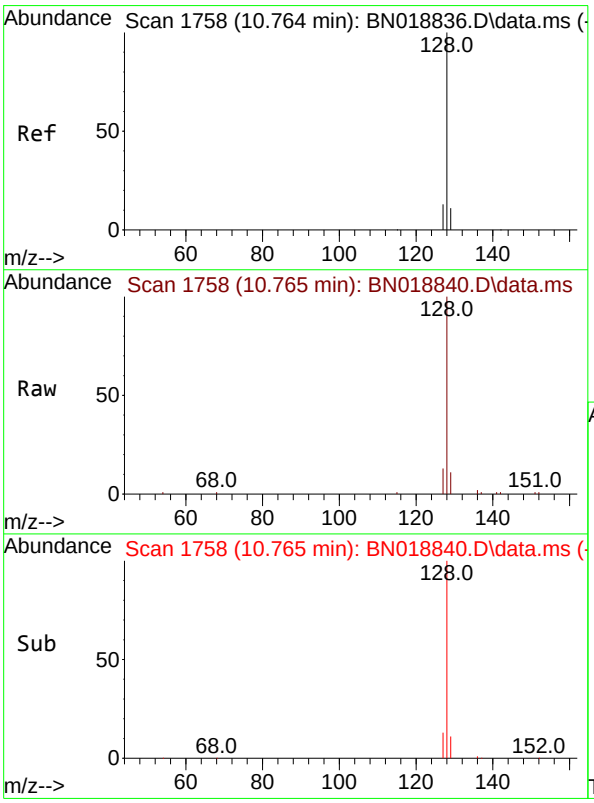
#2
1,4-Dioxane
Concen: 1.628 ng/ul
RT: 3.314 min Scan# 3
Delta R.T. -0.021 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion: 88 Resp: 9536

Ion	Ratio	Lower	Upper
88	100		
43	31.7	47.8	71.8#
58	73.3	46.2	69.2#

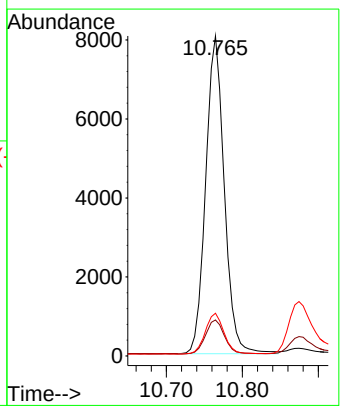


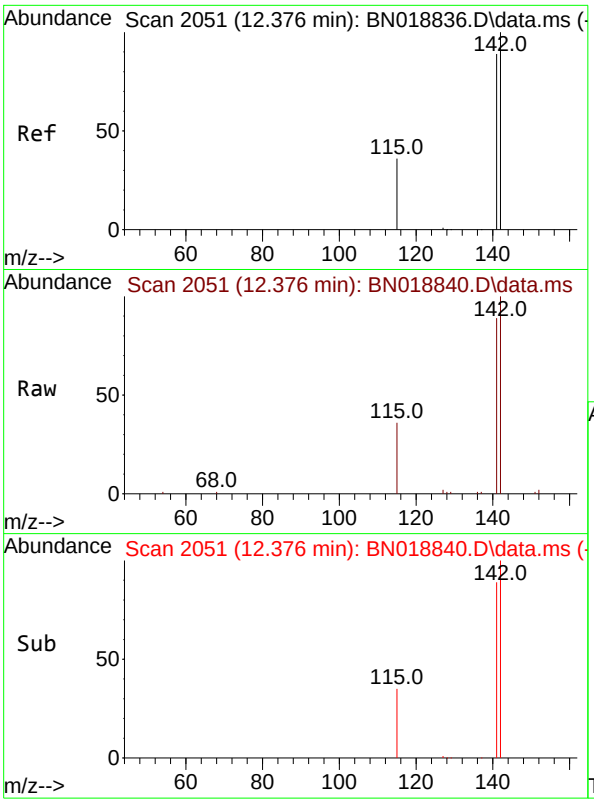


#5
Naphthalene
Concen: 0.338 ng/ul
RT: 10.765 min Scan# 1758
Delta R.T. -0.009 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Tgt Ion:128 Resp: 13717

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.4	14.0
127	13.3	11.0	16.6



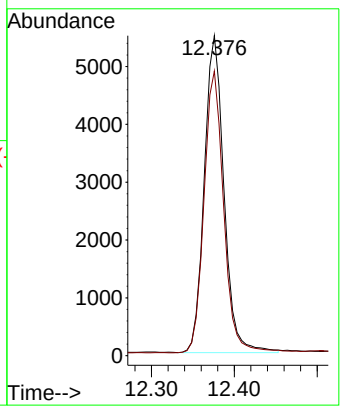


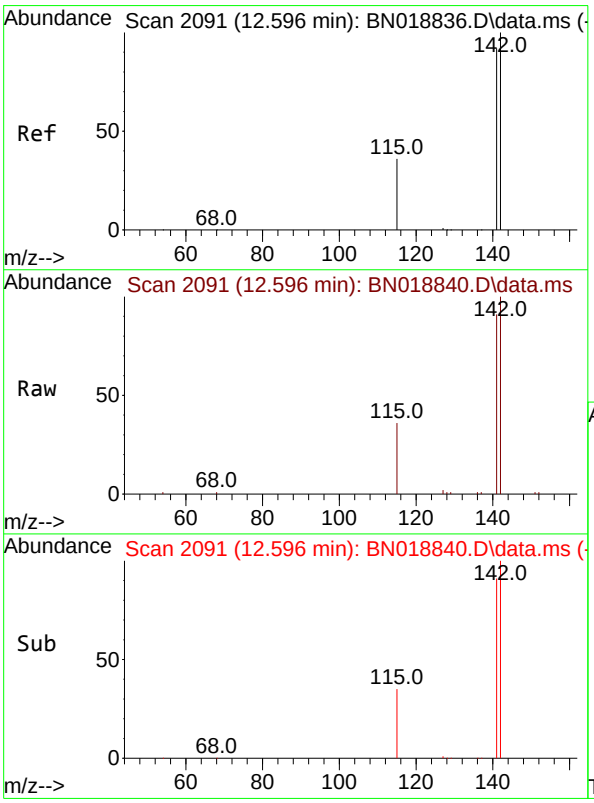
#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.376 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:142 Resp: 9065

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.9	106.3

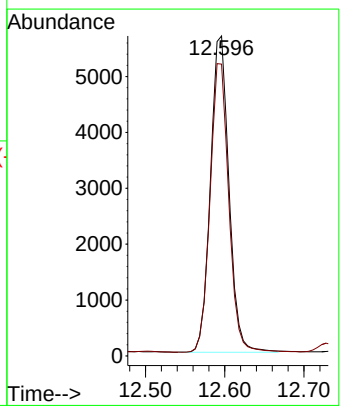


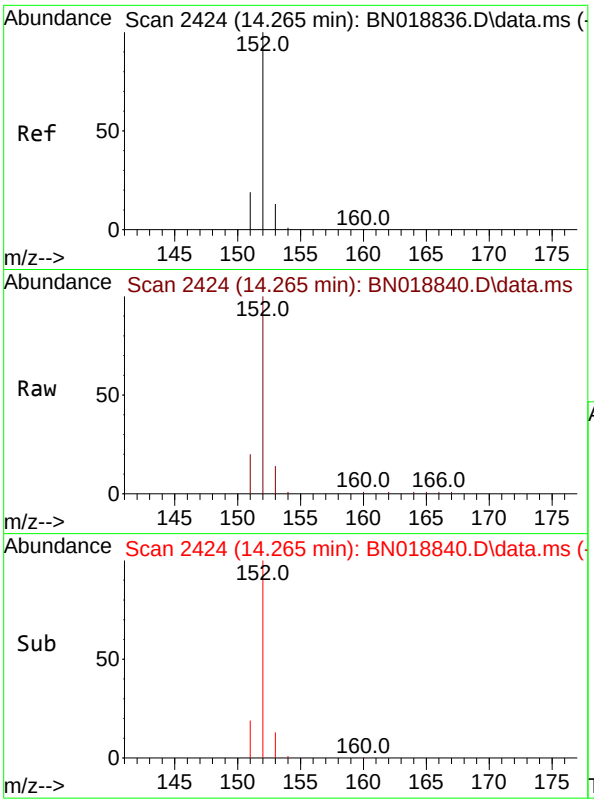


#8
1-Methylnaphthalene
Concen: 0.352 ng/ul
RT: 12.596 min Scan# 2091
Delta R.T. -0.009 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Tgt Ion:142 Resp: 9169

Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.2	109.8



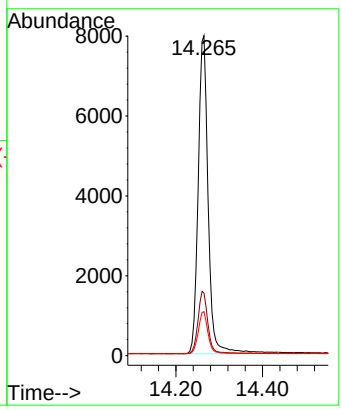


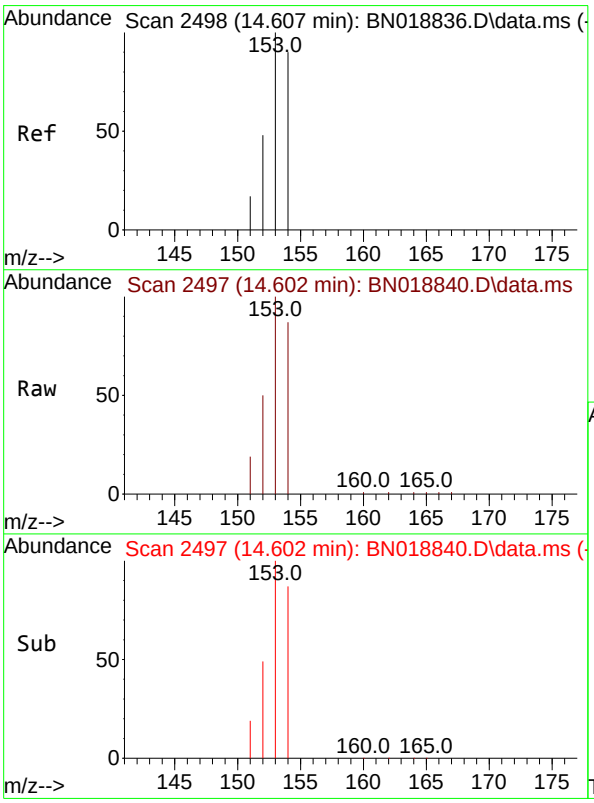
#10
Acenaphthylene
Concen: 0.326 ng/ul
RT: 14.265 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:152 Resp: 12767

Ion	Ratio	Lower	Upper
152	100		
151	19.6	15.8	23.8
153	13.8	10.7	16.1

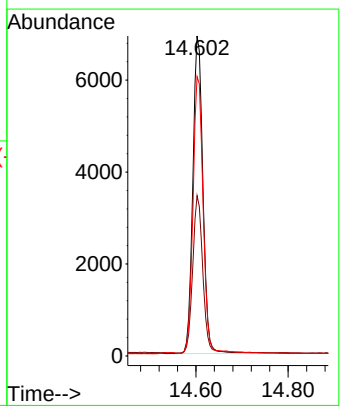


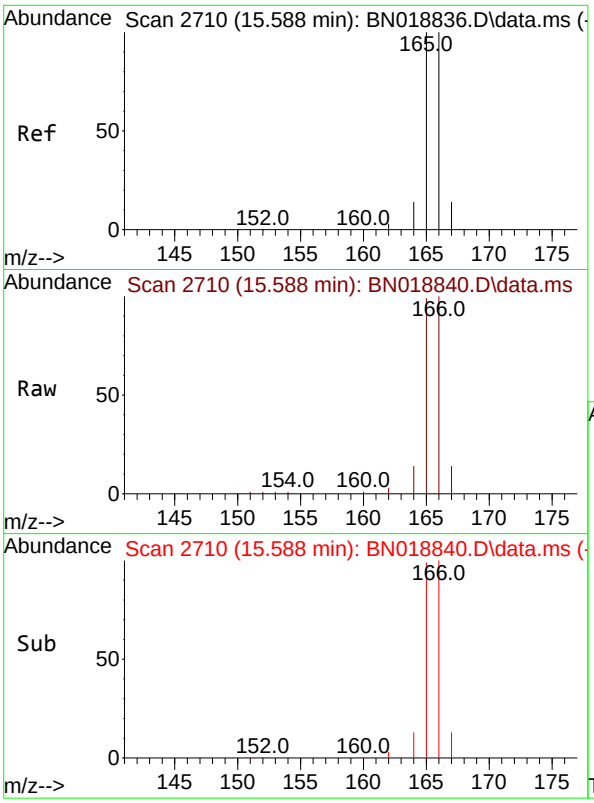


#11
Acenaphthene
Concen: 0.336 ng/ul
RT: 14.602 min Scan# 2497
Delta R.T. -0.008 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Tgt Ion:153 Resp: 10533

Ion	Ratio	Lower	Upper
153	100		
152	50.1	39.7	59.5
154	87.3	70.9	106.3



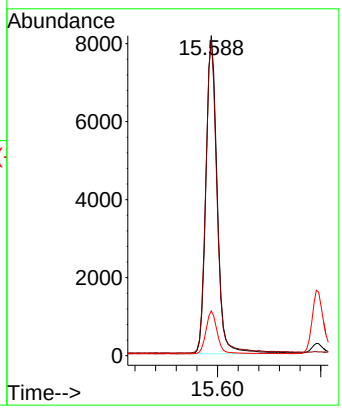


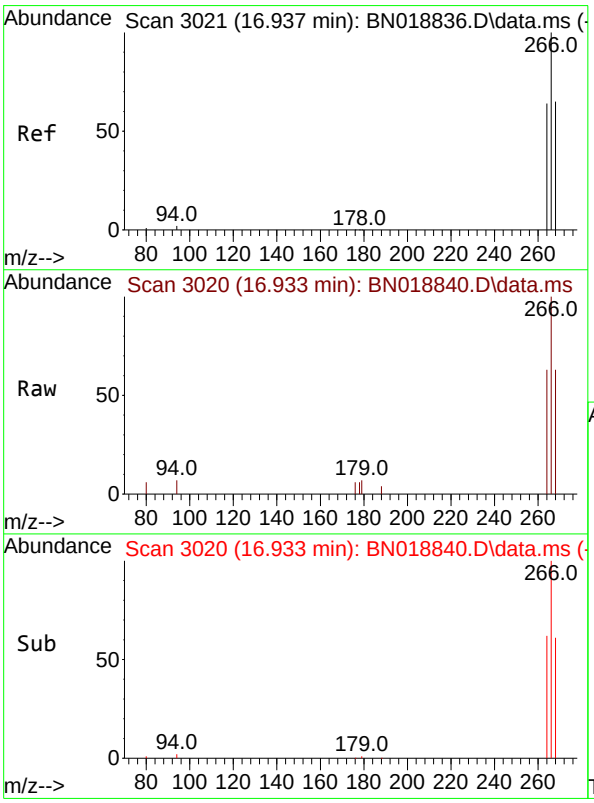
#12
Fluorene
Concen: 0.364 ng/ul
RT: 15.588 min Scan# 2
Delta R.T. -0.008 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:166 Resp: 12286

Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.8	116.6
167	14.0	11.6	17.4

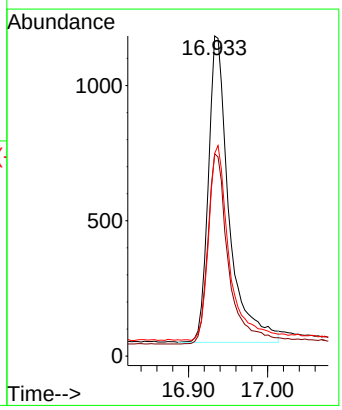


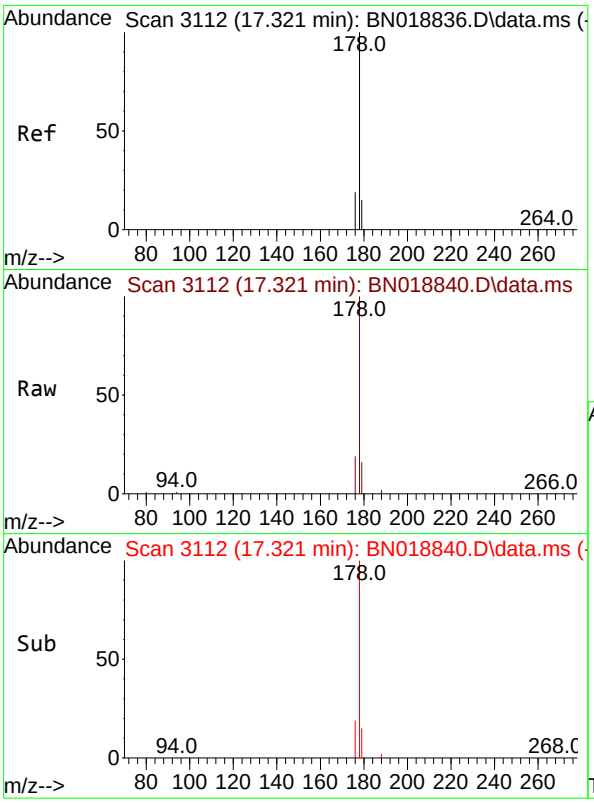


#14
Pentachlorophenol
Concen: 0.530 ng/ul
RT: 16.933 min Scan# 3020
Delta R.T. -0.008 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Tgt Ion:266 Resp: 2059

Ion	Ratio	Lower	Upper
266	100		
264	61.7	49.9	74.9
268	62.6	51.7	77.5



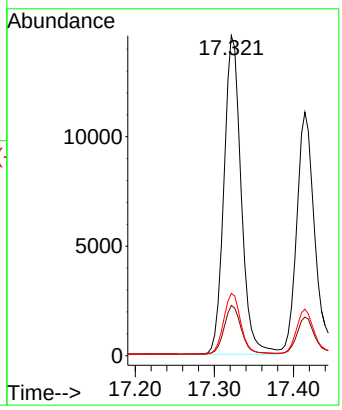


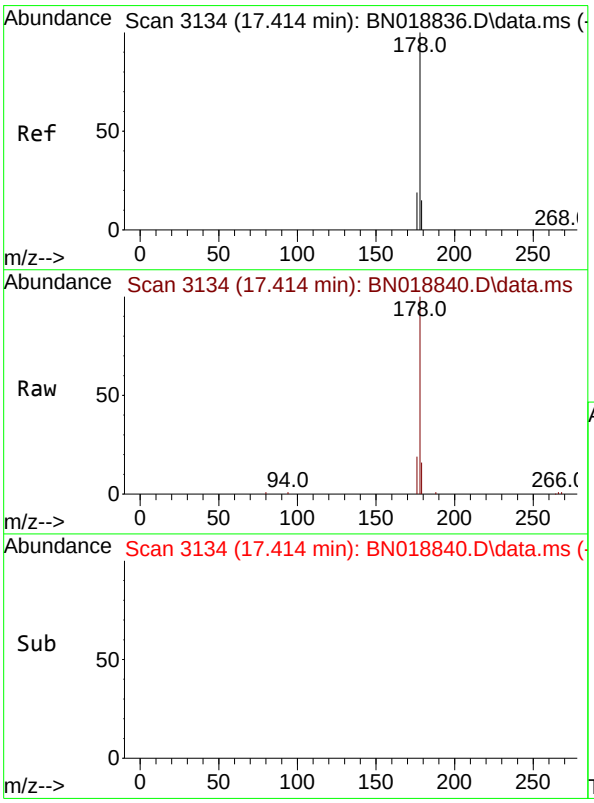
#15
Phenanthrene
Concen: 0.351 ng/ul
RT: 17.321 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:178 Resp: 21965

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	19.5	15.4	23.2

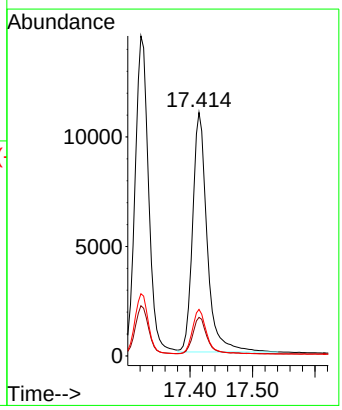


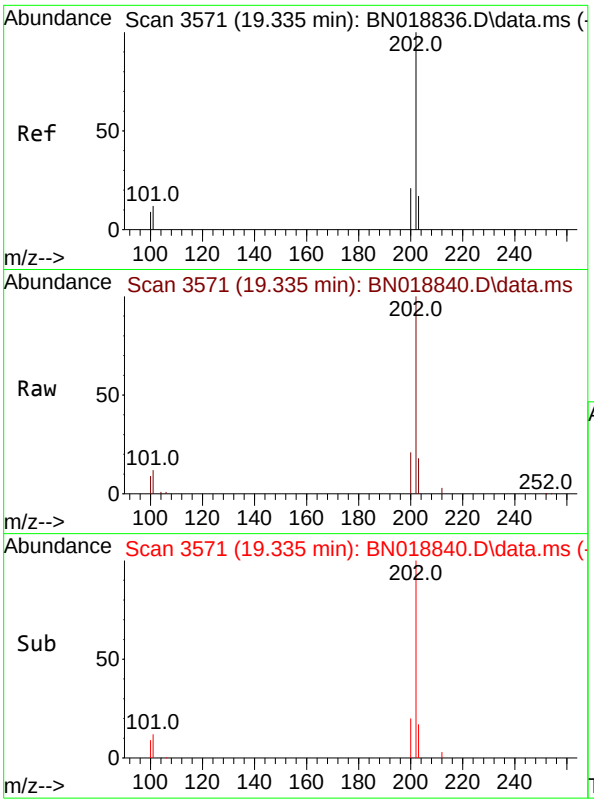


#16
Anthracene
Concen: 0.315 ng/ul
RT: 17.414 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Tgt Ion:178 Resp: 17617

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



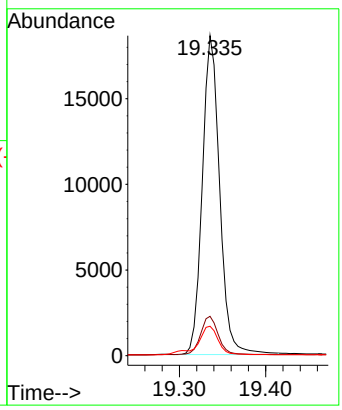


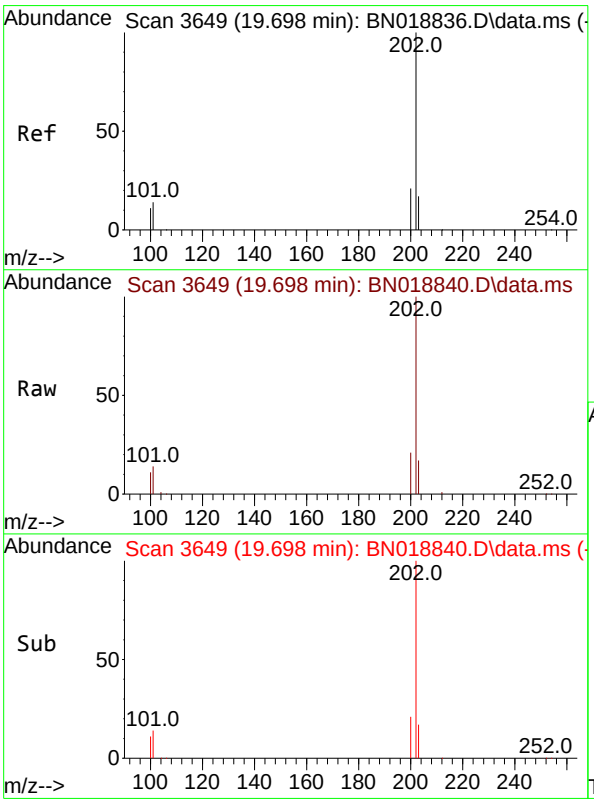
#19
Fluoranthene
Concen: 0.405 ng/ul
RT: 19.335 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:202 Resp: 26105

Ion	Ratio	Lower	Upper
202	100		
101	12.3	7.5	11.3#
100	9.2	5.4	8.2#

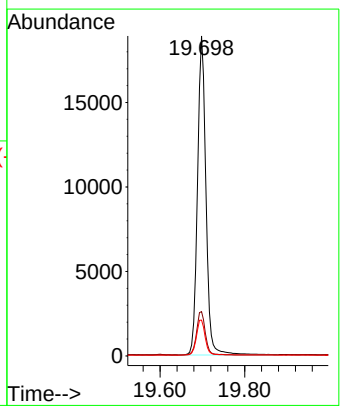


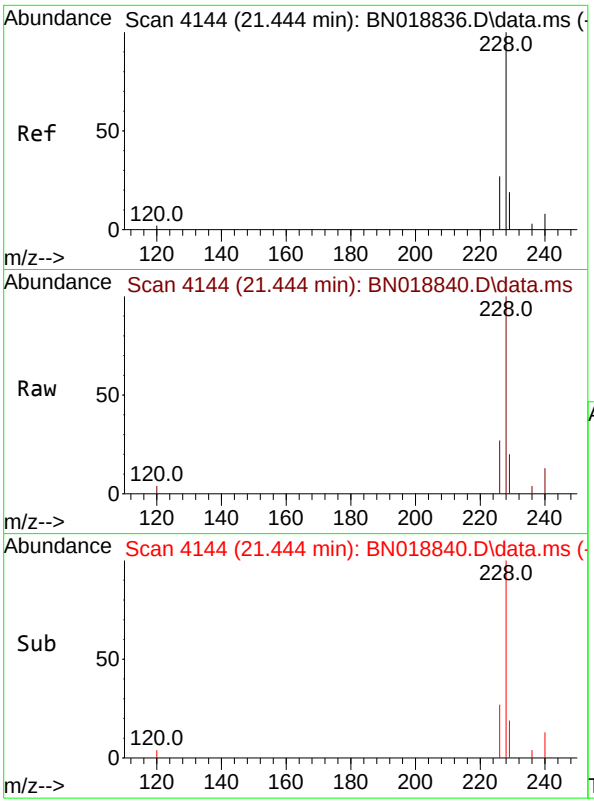


#20
Pyrene
Concen: 0.394 ng/ul
RT: 19.698 min Scan# 3649
Delta R.T. -0.008 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Tgt Ion:202 Resp: 26160

Ion	Ratio	Lower	Upper
202	100		
101	13.9	9.0	13.4#
100	11.2	7.0	10.4#



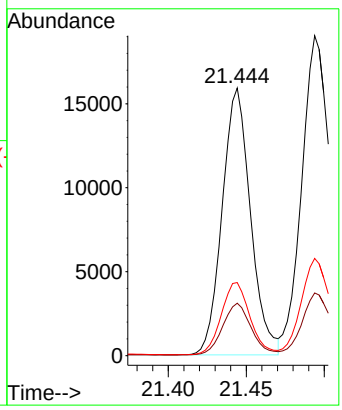


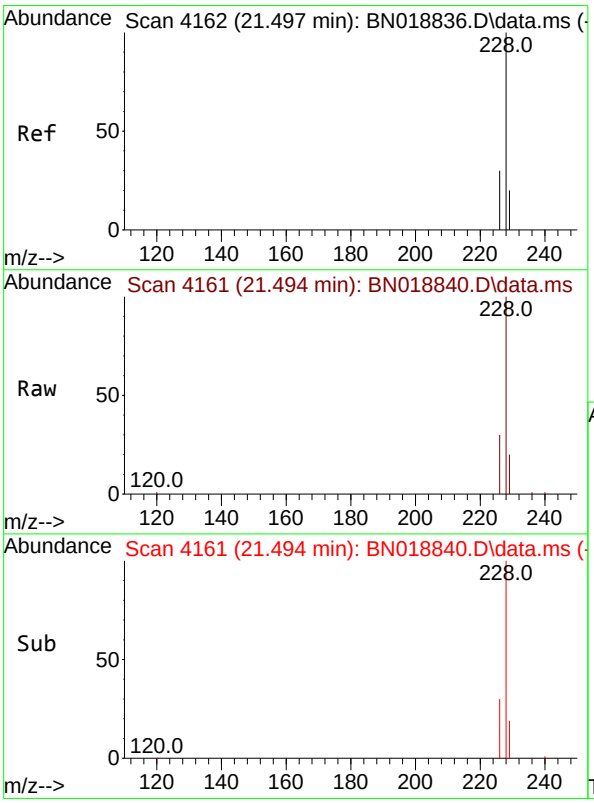
#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.444 min Scan# 41
Delta R.T. -0.008 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:228 Resp: 20141

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.6	23.4
226	27.3	22.1	33.1

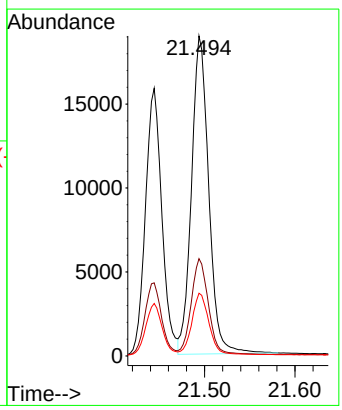


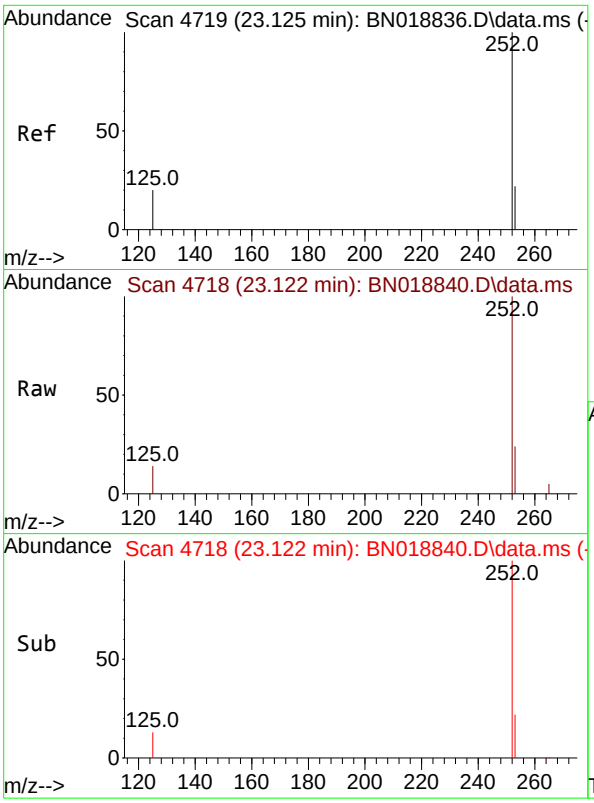


#22
Chrysene
Concen: 0.405 ng/ul
RT: 21.494 min Scan# 4161
Delta R.T. -0.010 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Tgt Ion:228 Resp: 25065

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	19.6	15.7	23.5



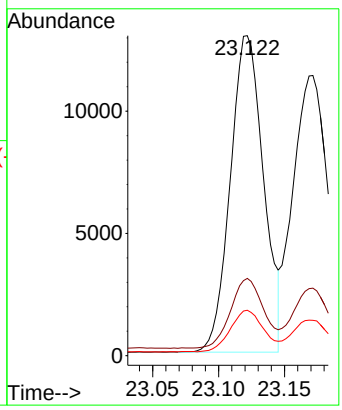


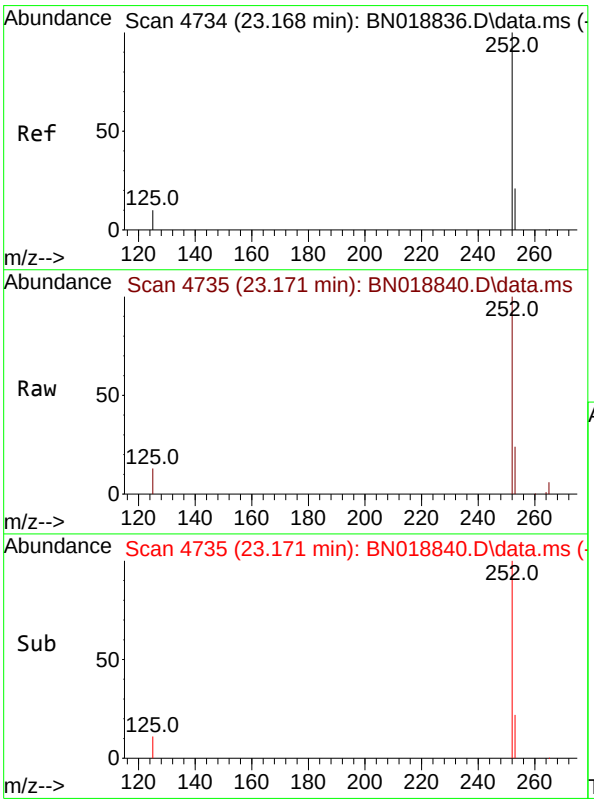
#24
Benzo(b)fluoranthene
Concen: 0.432 ng/ul
RT: 23.122 min Scan# 4
Delta R.T. -0.013 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:252 Resp: 22711

Ion	Ratio	Lower	Upper
252	100		
253	24.2	0.0	46.4
125	14.2	0.0	17.8

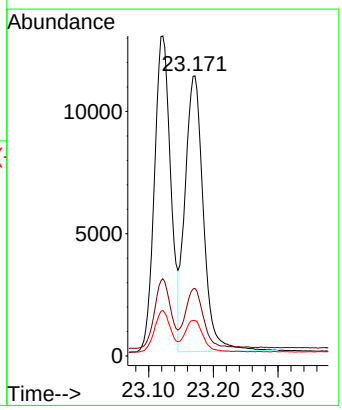


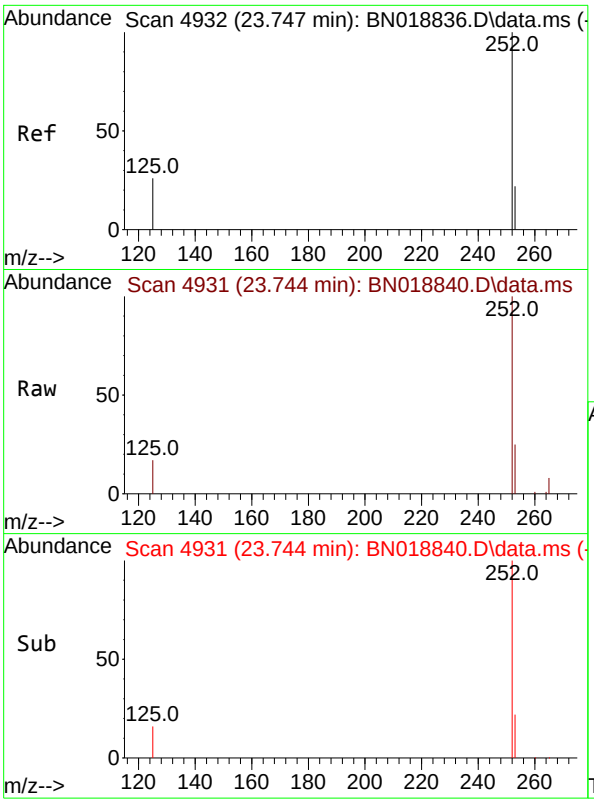


#25
Benzo(k)fluoranthene
Concen: 0.424 ng/ul
RT: 23.171 min Scan# 4735
Delta R.T. -0.010 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Tgt Ion:252 Resp: 22229

Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.6	28.0
125	12.6	7.3	10.9#



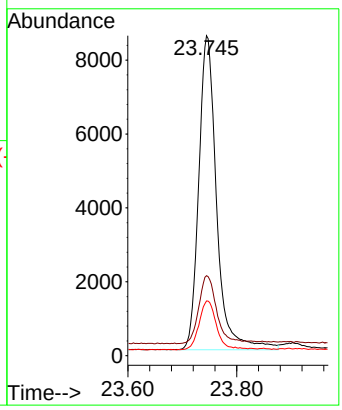


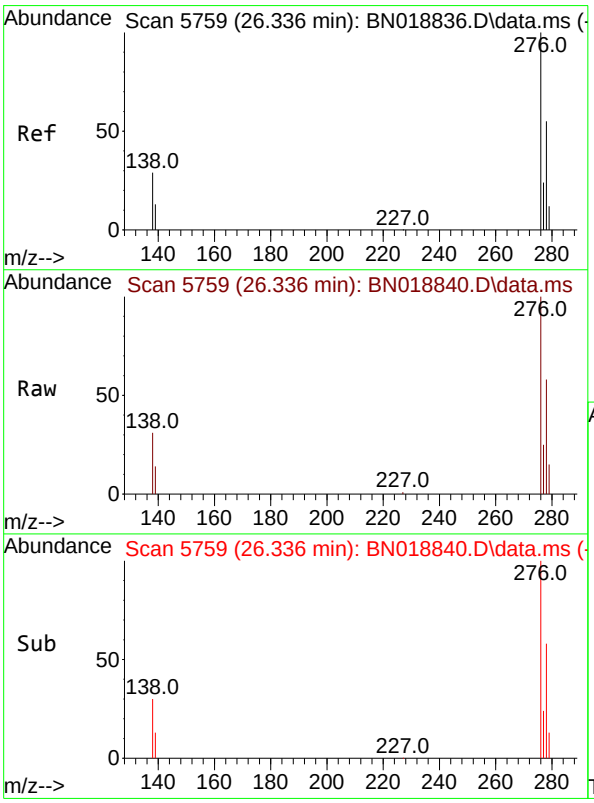
#26
Benzo(a)pyrene
Concen: 0.418 ng/ul
RT: 23.744 min Scan# 4
Delta R.T. -0.016 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:252 Resp: 19390

Ion	Ratio	Lower	Upper
252	100		
253	25.0	18.9	28.3
125	17.1	8.2	12.2#

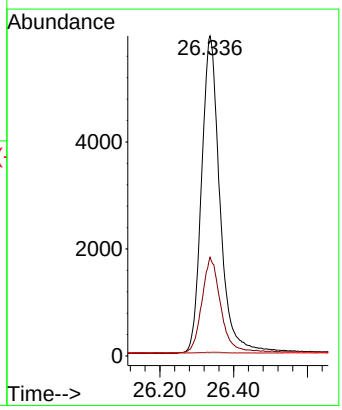


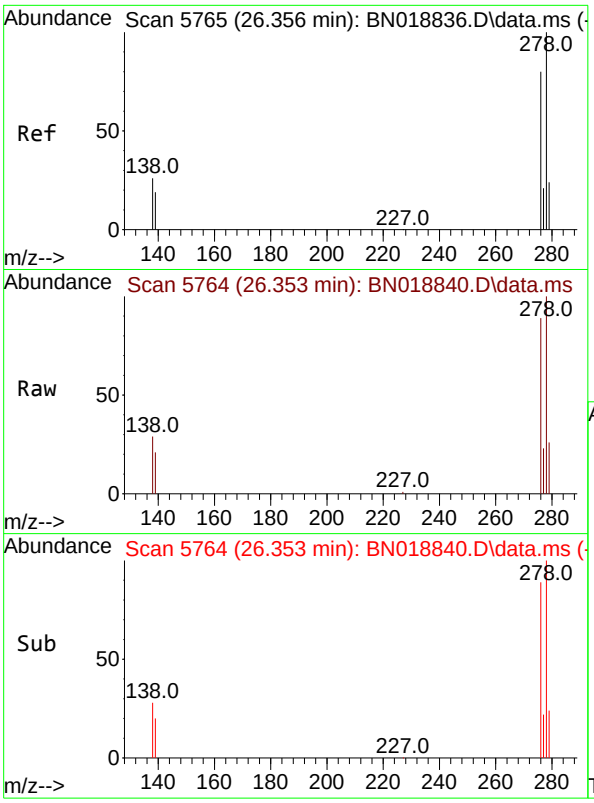


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.348 ng/ul
RT: 26.336 min Scan# 5759
Delta R.T. -0.022 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Tgt Ion:276 Resp: 20545

Ion	Ratio	Lower	Upper
276	100		
138	31.0	16.5	24.7#
227	0.3	0.1	0.1#



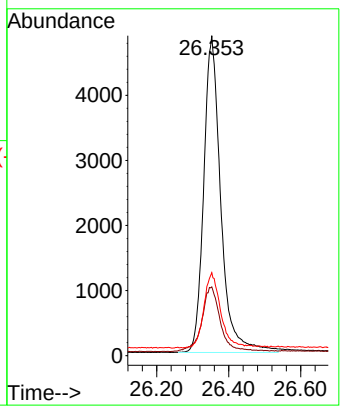


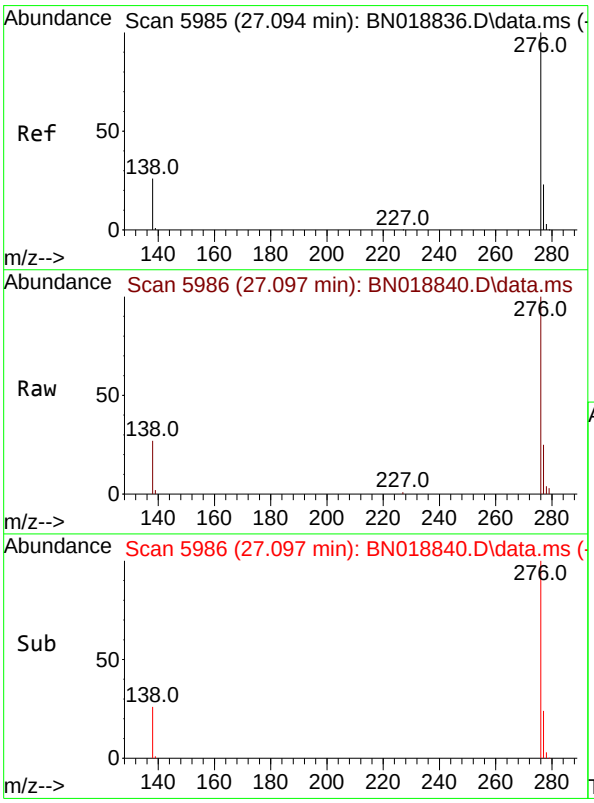
#28
Dibenzo(a,h)anthracene
Concen: 0.346 ng/ul
RT: 26.353 min Scan# 5
Delta R.T. -0.022 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:278 Resp: 16028

Ion	Ratio	Lower	Upper
278	100		
139	21.5	11.9	17.9#
279	26.0	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 0.357 ng/ul
RT: 27.097 min Scan# 5986
Delta R.T. -0.025 min
Lab File: BN018840.D
Acq: 04 Mar 2022 00:13

Tgt Ion:276 Resp: 18046

Ion	Ratio	Lower	Upper
276	100		
138	27.4	14.4	21.6#
277	24.7	19.2	28.8