Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030422\
Data File : BN018845.D
Acq On : 04 Mar 2022 11:06
Operator : CG/JU
Sample : PB143055BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS055

Quant Time: Mar 04 14:03:34 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	4375	0.400	ng/ul	0.00
4) Naphthalene-d8	10.714	136	12551	0.400	ng/ul	-0.01
9) Acenaphthene-d10	14.542	164	7808	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.283	188	17354	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.461	240	14600	0.400	ng/ul	# 0.00
23) Perylene-d12	23.852	264	11686	0.400	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.280	96	3464	0.697	ng/ul	-0.02
6) 2-Methylnaphthalene-d10	12.303	152	6856	0.399	ng/ul	-0.01
18) Fluoranthene-d10	19.307	212	18261	0.419	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.314	88	8590	1.687	ng/ul#	72
5) Naphthalene	10.763	128	12291	0.346	ng/ul	100
7) 2-Methylnaphthalene	12.375	142	8152	0.356	ng/ul	100
8) 1-Methylnaphthalene	12.595	142	8261	0.362	ng/ul	99
10) Acenaphthylene	14.264	152	11710	0.333	ng/ul	99
11) Acenaphthene	14.602	153	9514	0.337	ng/ul	99
12) Fluorene	15.588	166	11064	0.365	ng/ul	99
14) Pentachlorophenol	16.933	266	2009	0.567	ng/ul	99
15) Phenanthrene	17.321	178	19853	0.348	ng/ul	99
16) Anthracene	17.414	178	16130	0.316	ng/ul	99
19) Fluoranthene	19.335	202	23667	0.386	ng/ul#	90
20) Pyrene	19.697	202	24163	0.382	ng/ul#	91
21) Benzo(a)anthracene	21.443	228	19176	0.339	ng/ul	100
22) Chrysene	21.496	228	23122	0.392	ng/ul	99
24) Benzo(b)fluoranthene	23.121	252	22172	0.427	ng/ul	94
25) Benzo(k)fluoranthene	23.168	252	20884	0.402	ng/ul#	95
26) Benzo(a)pyrene	23.747	252	19058	0.416	ng/ul#	90
27) Indeno(1,2,3-cd)pyrene	26.335	276	19613	0.336	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.352	278	15204	0.332	ng/ul#	91
29) Benzo(g,h,i)perylene	27.097	276	17093	0.342	ng/ul#	91

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

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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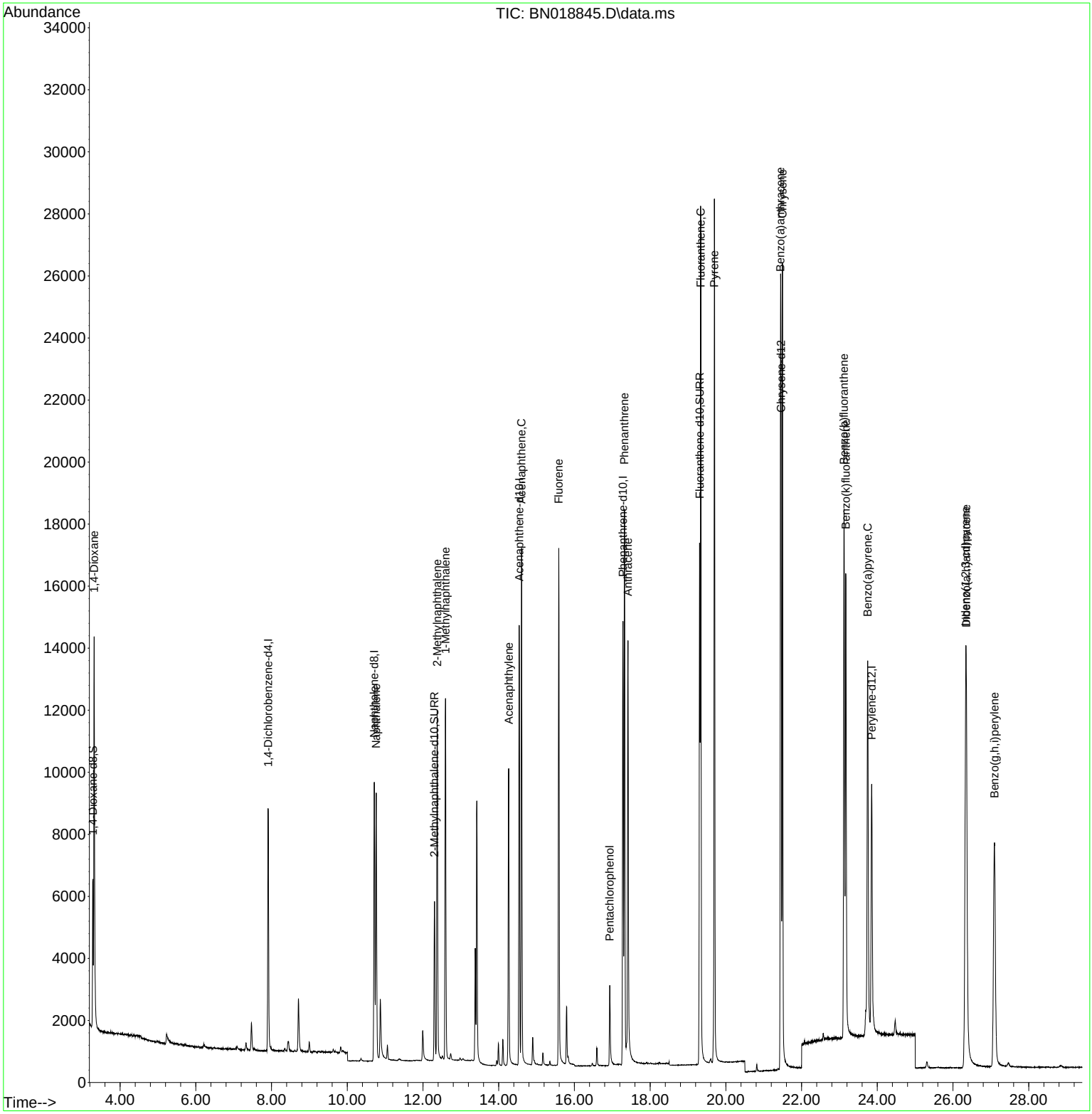
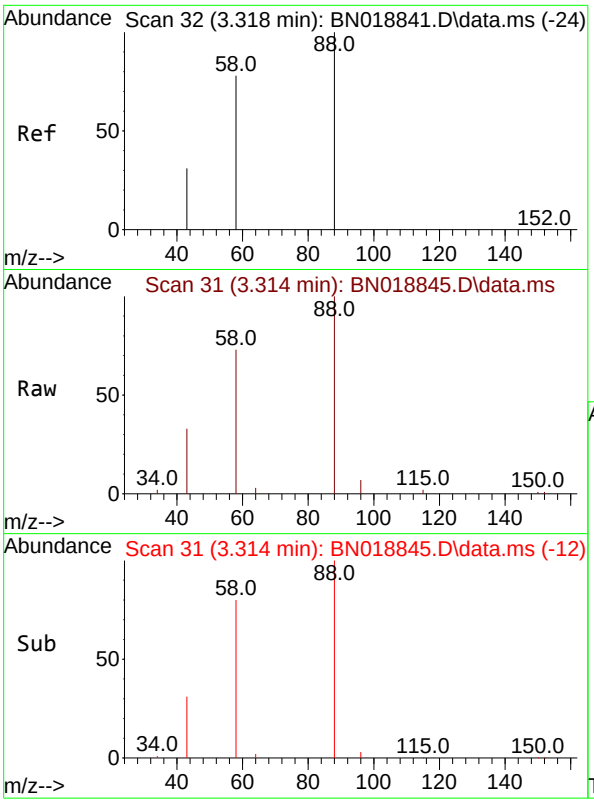


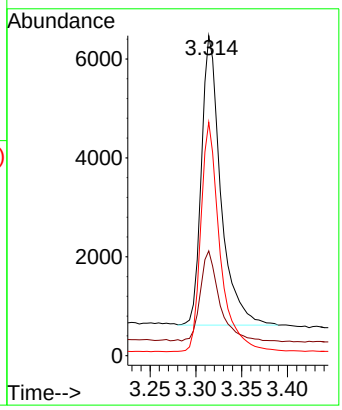


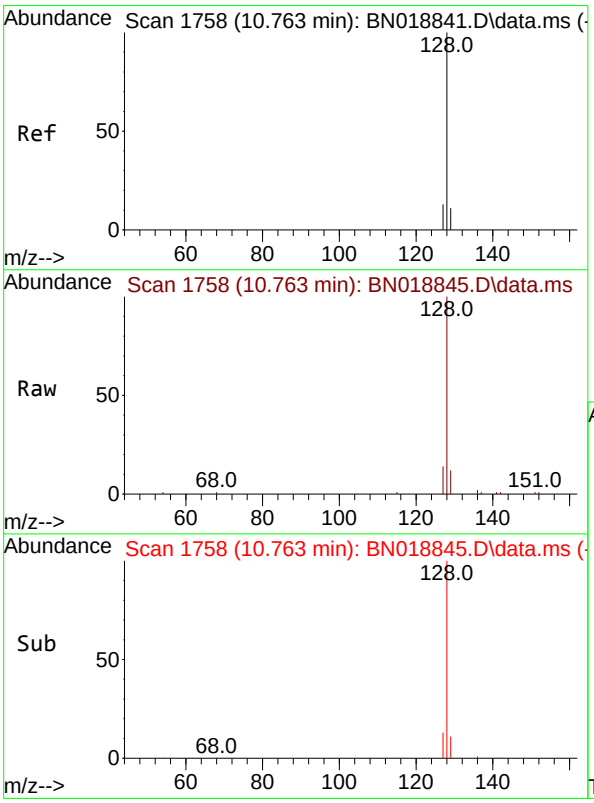
#2
1,4-Dioxane
Concen: 1.687 ng/ul
RT: 3.314 min Scan# 3
Delta R.T. -0.021 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Instrument :
BNA_N
ClientSampleId :
SLCS055

Tgt Ion: 88 Resp: 8590

Ion	Ratio	Lower	Upper
88	100		
43	32.8	47.8	71.8#
58	72.9	46.2	69.2#

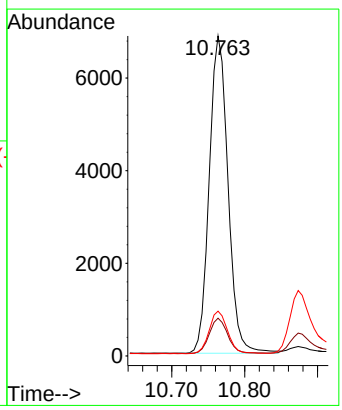


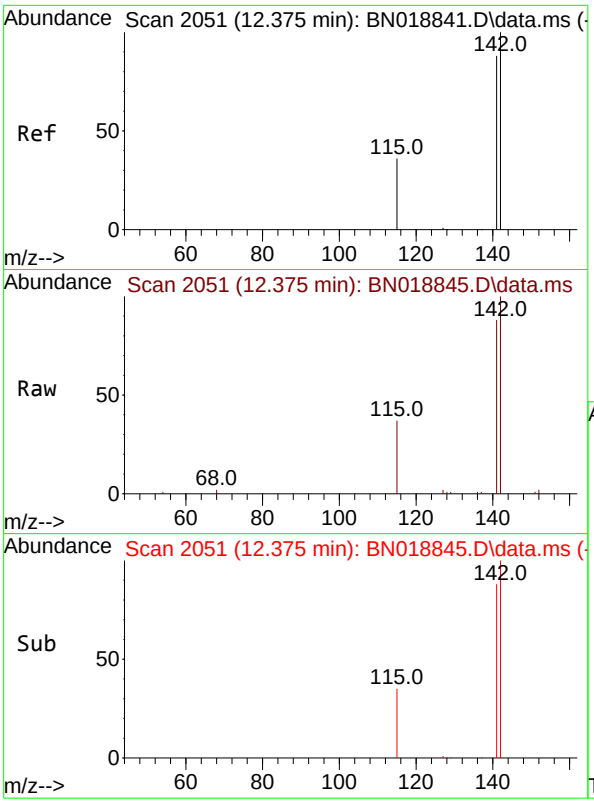


#5
Naphthalene
Concen: 0.346 ng/ul
RT: 10.763 min Scan# 1758
Delta R.T. -0.010 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Tgt Ion:128 Resp: 12291

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.4	14.0
127	14.0	11.0	16.6



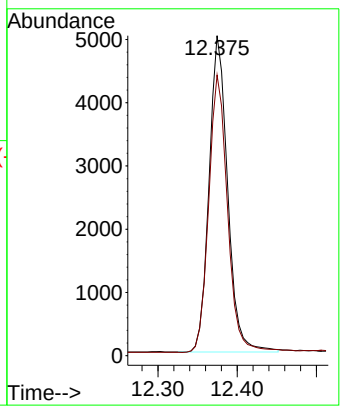


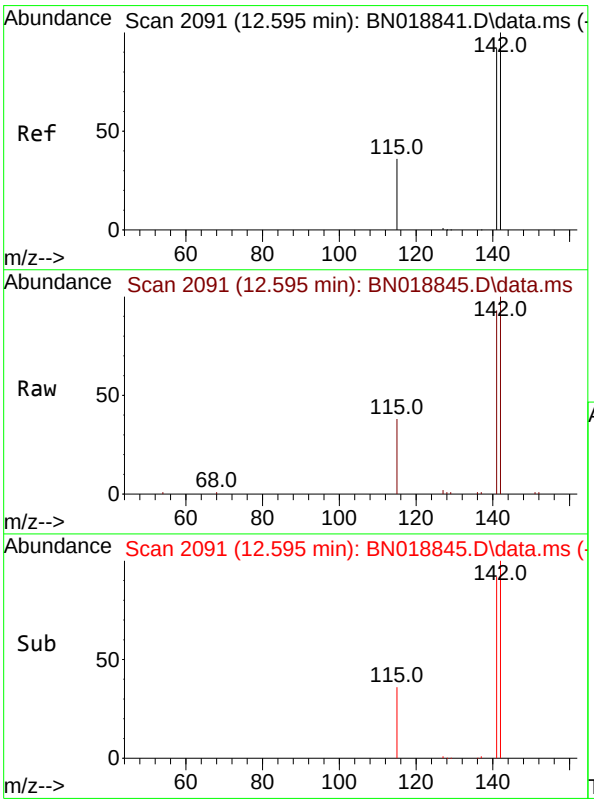
#7
2-Methylnaphthalene
Concen: 0.356 ng/ul
RT: 12.375 min Scan# 2
Delta R.T. -0.011 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Instrument :
BNA_N
ClientSampleId :
SLCS055

Tgt Ion:142 Resp: 8152

Ion	Ratio	Lower	Upper
142	100		
141	89.0	70.9	106.3

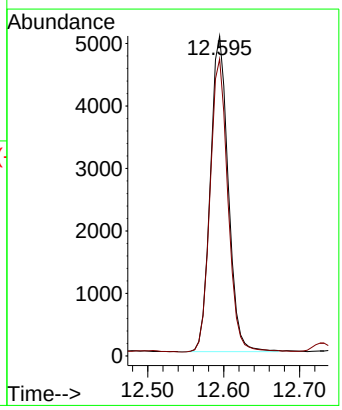


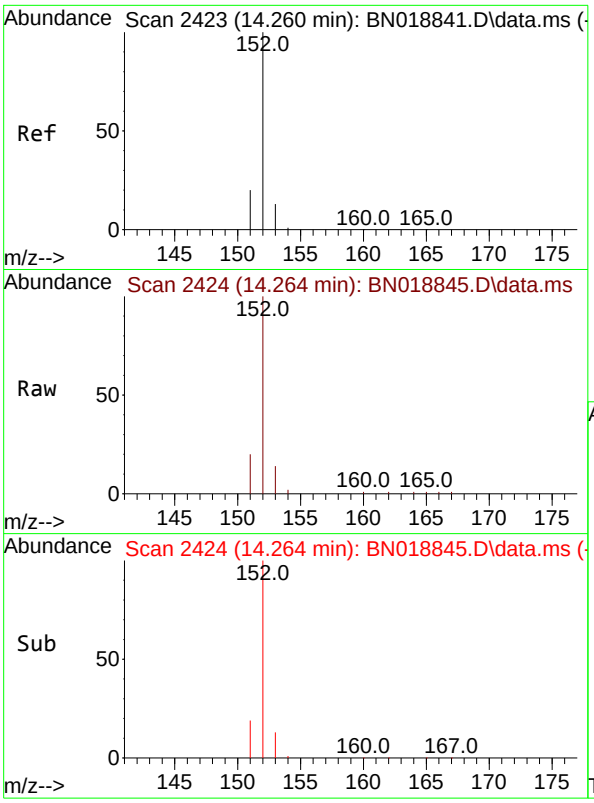


#8
1-Methylnaphthalene
Concen: 0.362 ng/ul
RT: 12.595 min Scan# 2091
Delta R.T. -0.011 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Tgt Ion:142 Resp: 8261

Ion	Ratio	Lower	Upper
142	100		
141	92.4	73.2	109.8



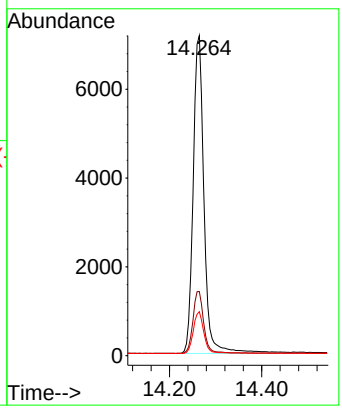


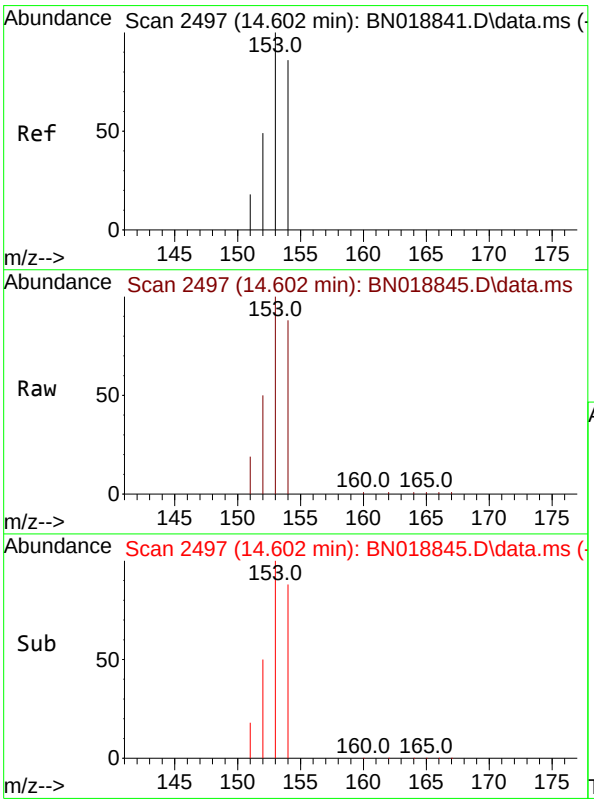
#10
Acenaphthylene
Concen: 0.333 ng/ul
RT: 14.264 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Instrument :
BNA_N
ClientSampleId :
SLCS055

Tgt Ion:152 Resp: 11710

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.8	10.7	16.1

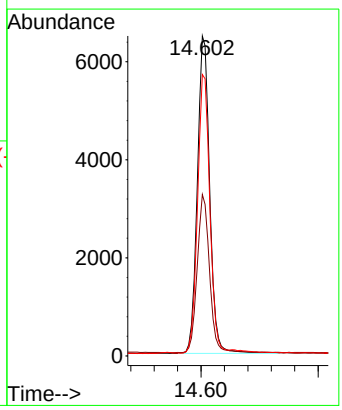


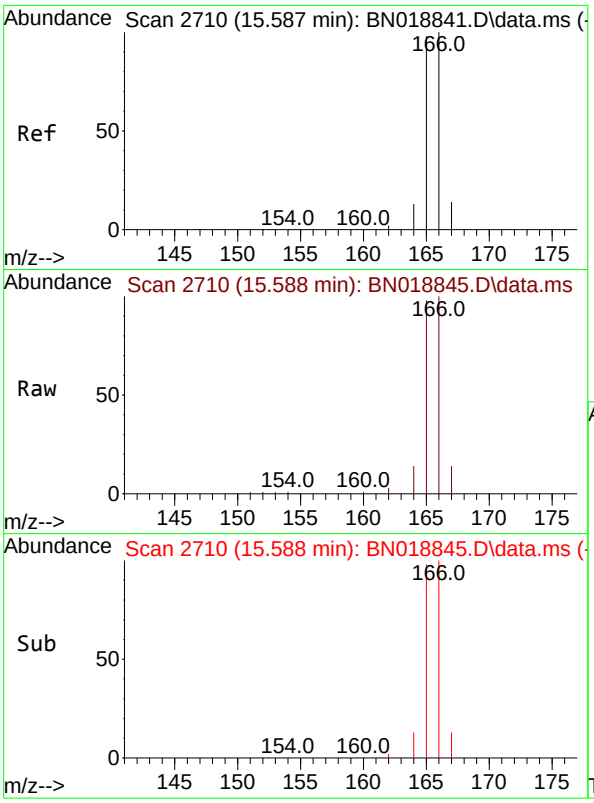


#11
Acenaphthene
Concen: 0.337 ng/ul
RT: 14.602 min Scan# 2497
Delta R.T. -0.009 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Tgt Ion:153 Resp: 9514

Ion	Ratio	Lower	Upper
153	100		
152	50.4	39.7	59.5
154	87.9	70.9	106.3



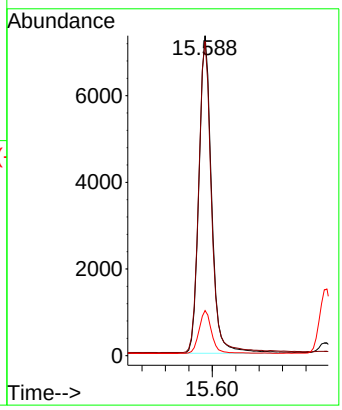


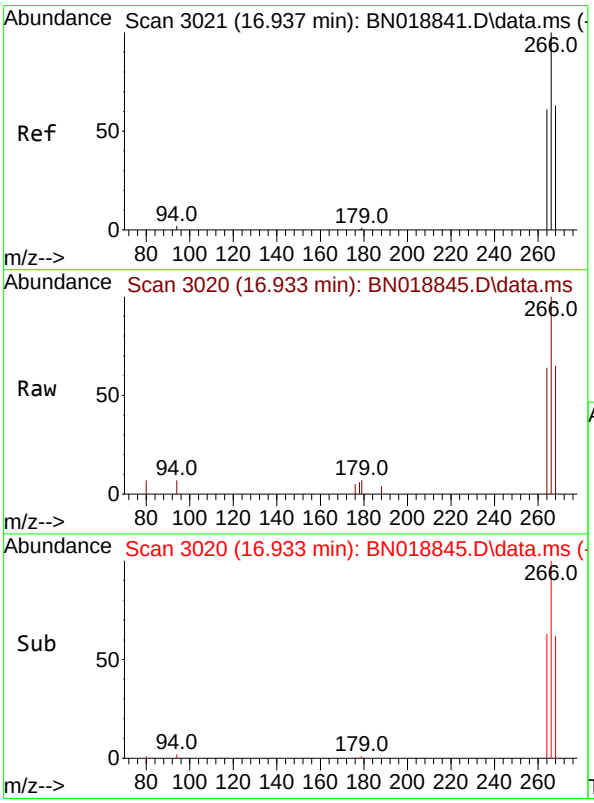
#12
Fluorene
Concen: 0.365 ng/ul
RT: 15.588 min Scan# 2
Delta R.T. -0.009 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Instrument :
BNA_N
ClientSampleId :
SLCS055

Tgt Ion:166 Resp: 11064

Ion	Ratio	Lower	Upper
166	100		
165	98.3	77.8	116.6
167	14.1	11.6	17.4

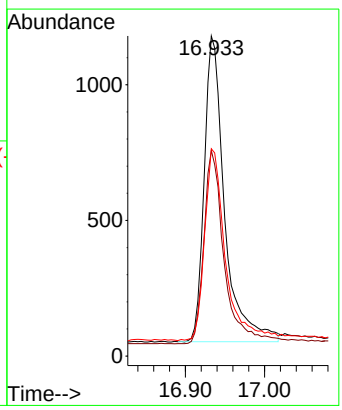


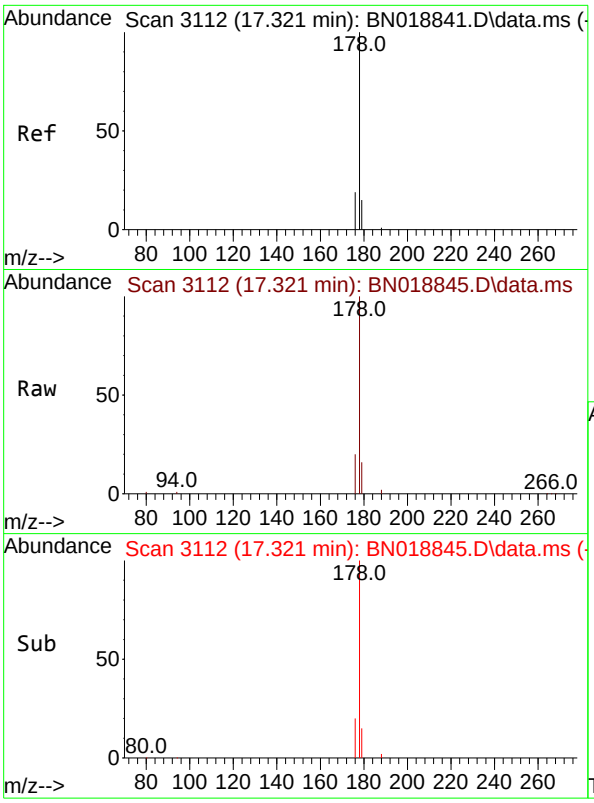


#14
Pentachlorophenol
Concen: 0.567 ng/ul
RT: 16.933 min Scan# 3020
Delta R.T. -0.008 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Tgt Ion:266 Resp: 2009

Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.9	74.9
268	64.5	51.7	77.5



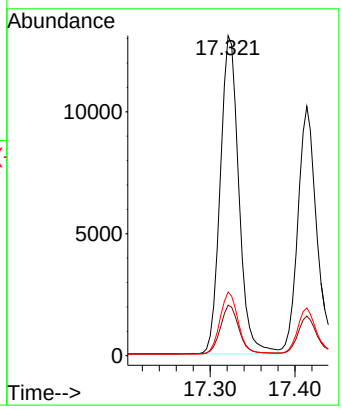


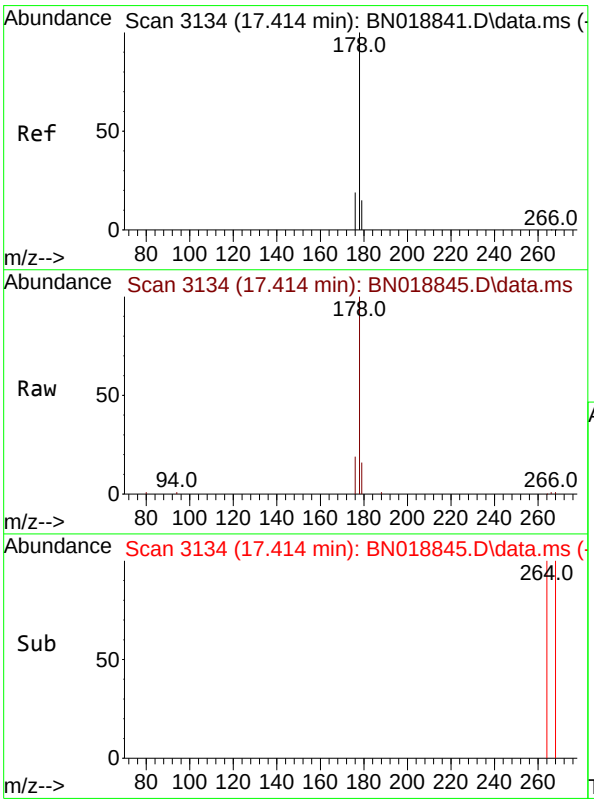
#15
Phenanthrene
Concen: 0.348 ng/ul
RT: 17.321 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Instrument :
BNA_N
ClientSampleId :
SLCS055

Tgt Ion:178 Resp: 19853

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.2	18.4
176	19.9	15.4	23.2

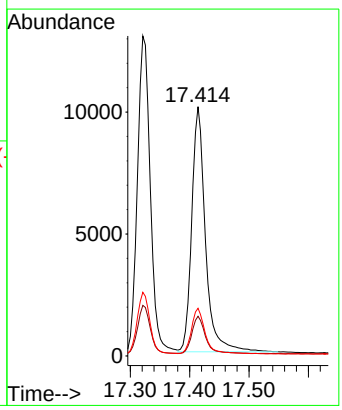


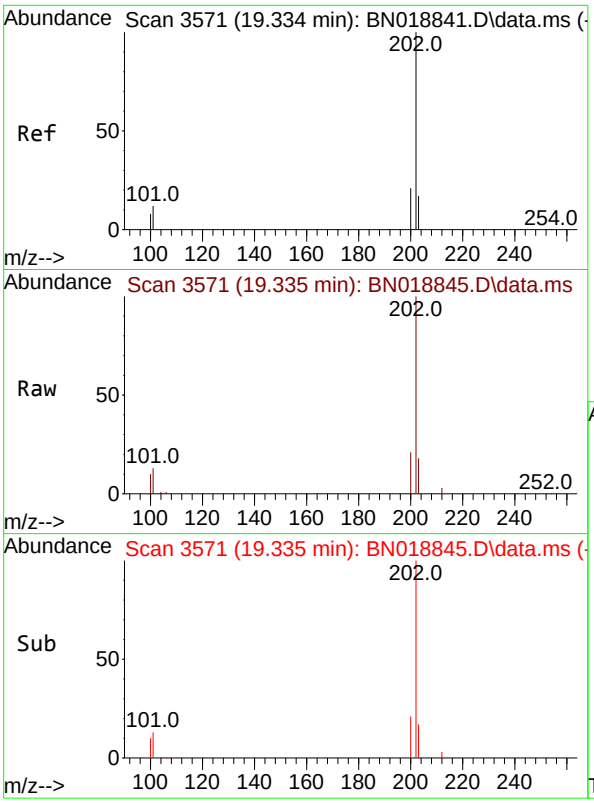


#16
Anthracene
Concen: 0.316 ng/ul
RT: 17.414 min Scan# 3134
Delta R.T. -0.008 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Tgt Ion:178 Resp: 16130

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.3	18.5
176	19.1	15.5	23.3



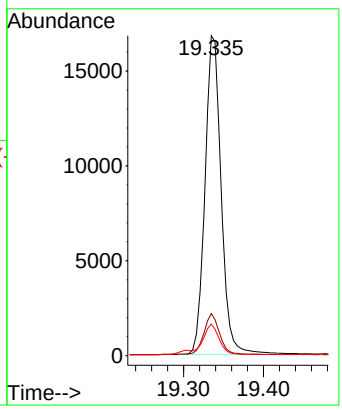


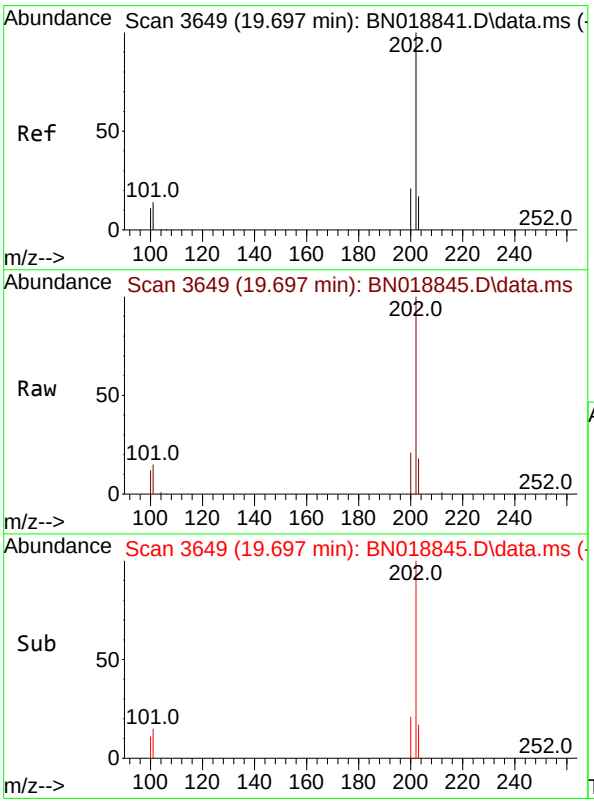
#19
Fluoranthene
Concen: 0.386 ng/ul
RT: 19.335 min Scan# 3
Delta R.T. -0.009 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Instrument :
BNA_N
ClientSampleId :
SLCS055

Tgt Ion:202 Resp: 23667

Ion	Ratio	Lower	Upper
202	100		
101	13.1	7.5	11.3#
100	9.9	5.4	8.2#

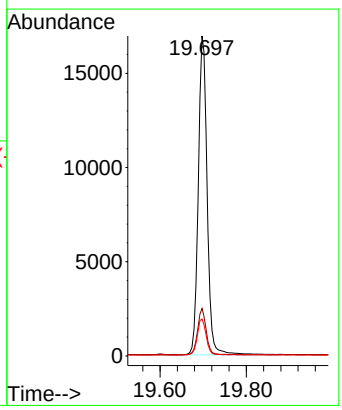


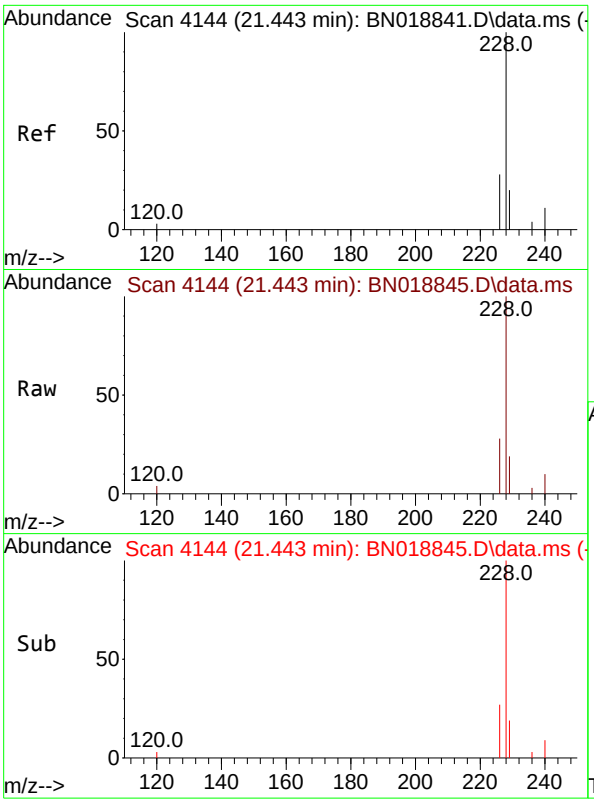


#20
Pyrene
Concen: 0.382 ng/ul
RT: 19.697 min Scan# 3649
Delta R.T. -0.009 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Tgt Ion:202 Resp: 24163

Ion	Ratio	Lower	Upper
202	100		
101	14.8	9.0	13.4#
100	11.6	7.0	10.4#



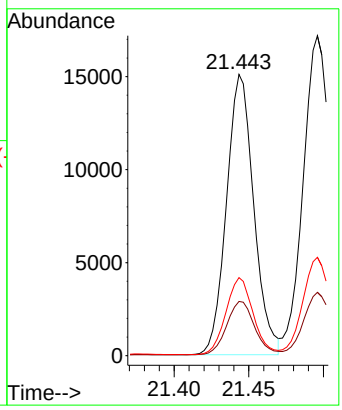


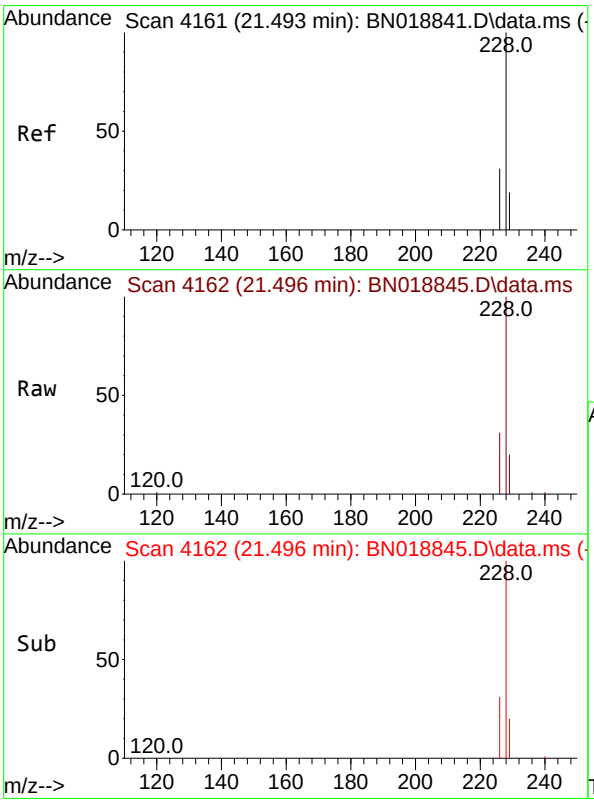
#21
Benzo(a)anthracene
Concen: 0.339 ng/ul
RT: 21.443 min Scan# 4
Delta R.T. -0.008 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Instrument :
BNA_N
ClientSampleId :
SLCS055

Tgt Ion:228 Resp: 19176

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.6	23.4
226	27.7	22.1	33.1

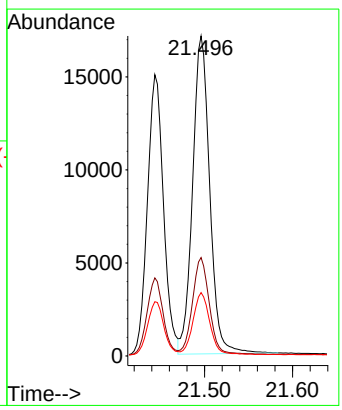


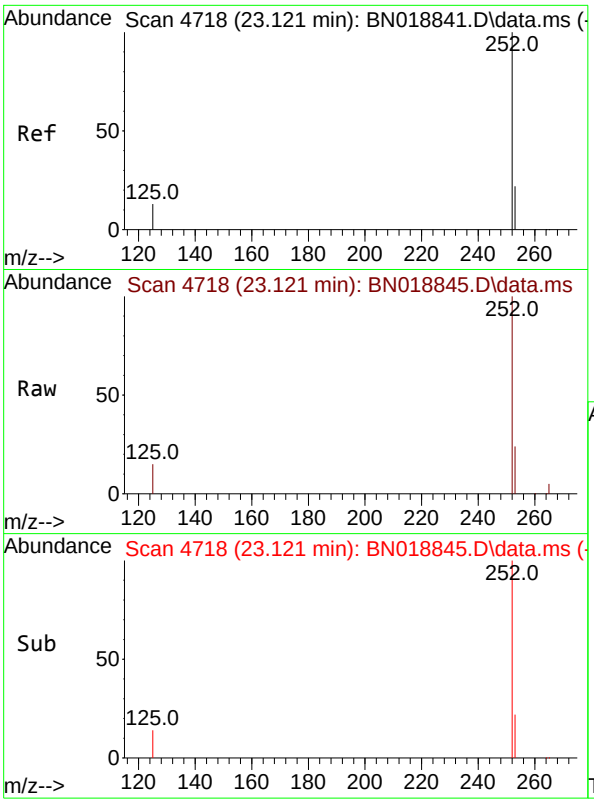


#22
Chrysene
Concen: 0.392 ng/ul
RT: 21.496 min Scan# 4162
Delta R.T. -0.008 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Tgt Ion:228 Resp: 23122

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.4
229	19.8	15.7	23.5



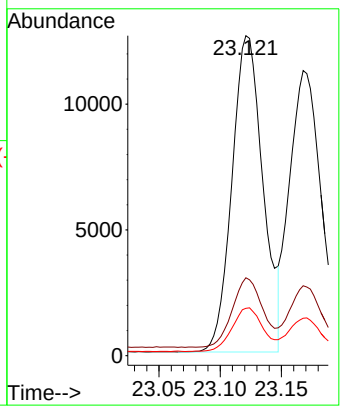


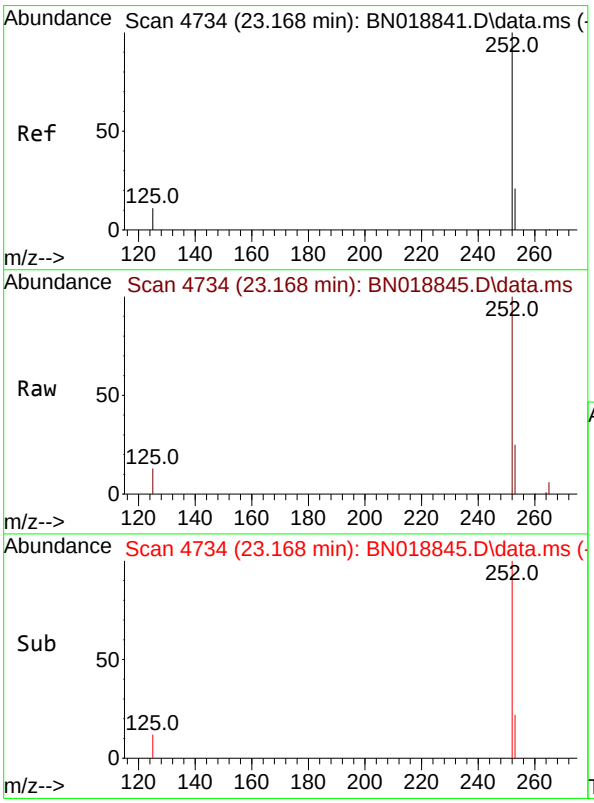
#24
Benzo(b)fluoranthene
Concen: 0.427 ng/ul
RT: 23.121 min Scan# 4
Delta R.T. -0.014 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Instrument :
BNA_N
ClientSampleId :
SLCS055

Tgt Ion:252 Resp: 22172

Ion	Ratio	Lower	Upper
252	100		
253	24.4	0.0	46.4
125	14.8	0.0	17.8

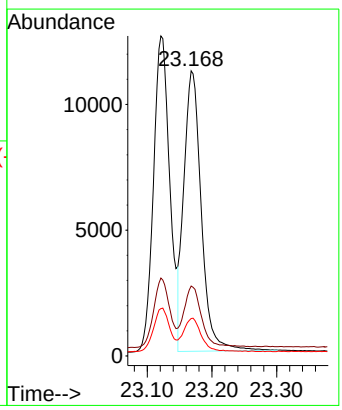


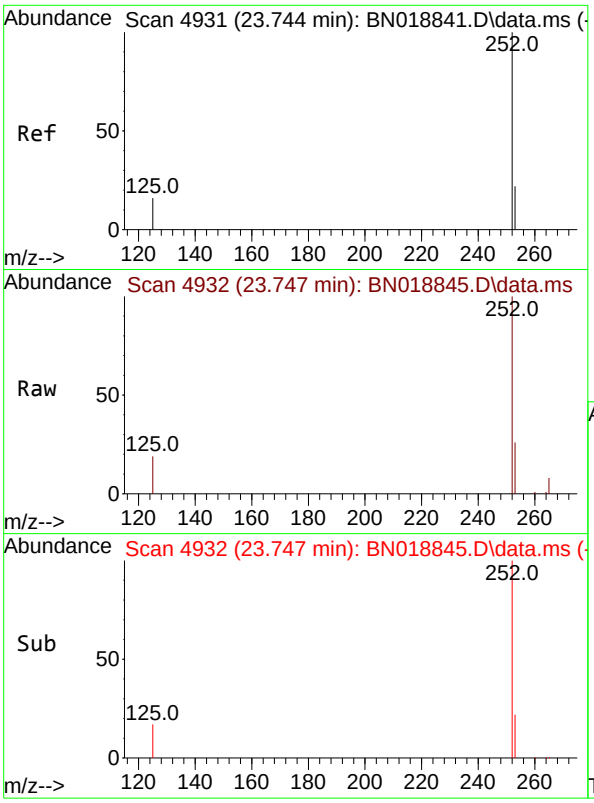


#25
Benzo(k)fluoranthene
Concen: 0.402 ng/ul
RT: 23.168 min Scan# 4734
Delta R.T. -0.014 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Tgt Ion:252 Resp: 20884

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.6	28.0
125	13.1	7.3	10.9#



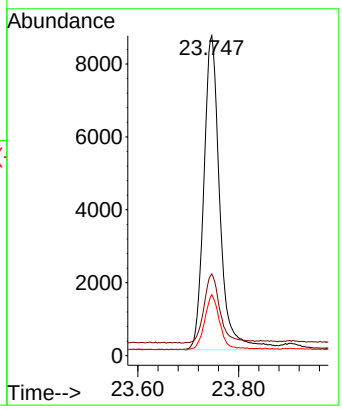


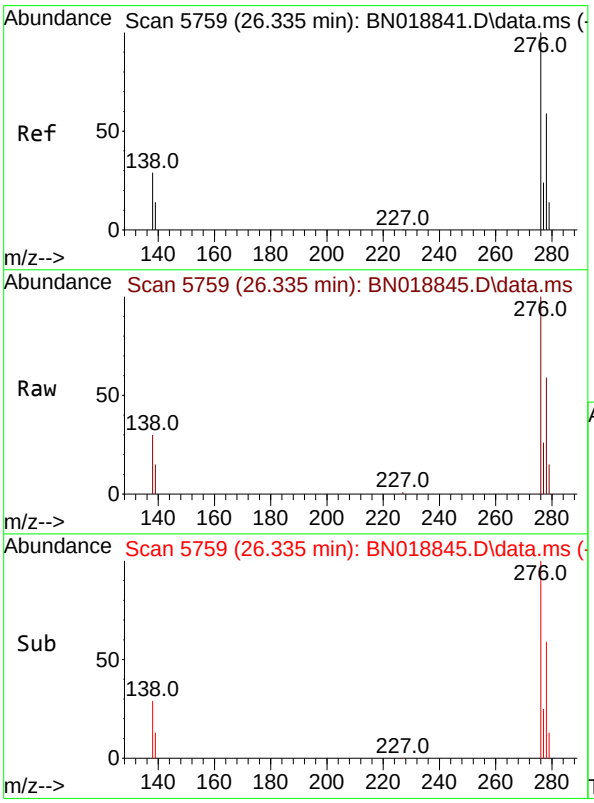
#26
Benzo(a)pyrene
Concen: 0.416 ng/ul
RT: 23.747 min Scan# 4
Delta R.T. -0.014 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Instrument :
BNA_N
ClientSampleId :
SLCS055

Tgt Ion:252 Resp: 19058

Ion	Ratio	Lower	Upper
252	100		
253	25.5	18.9	28.3
125	19.0	8.2	12.2#

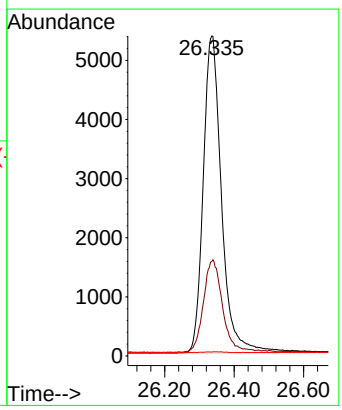


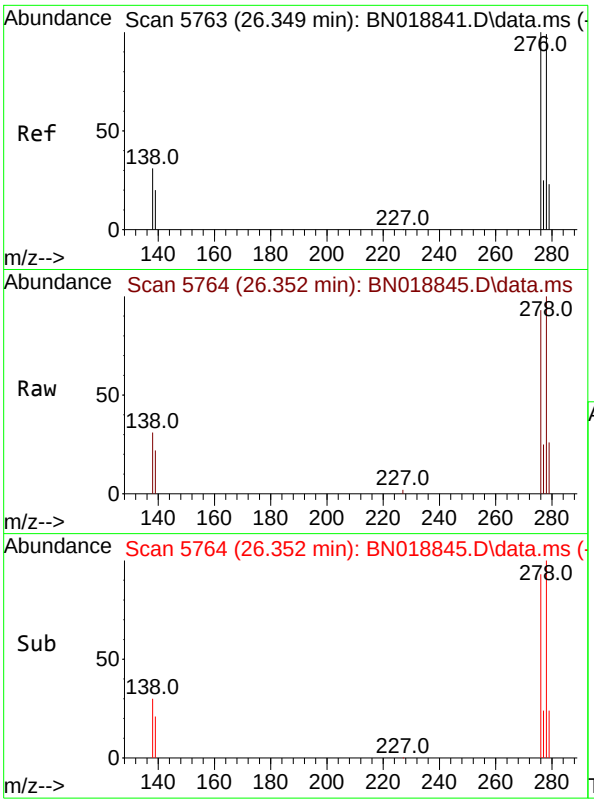


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.336 ng/ul
RT: 26.335 min Scan# 5759
Delta R.T. -0.023 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Tgt Ion:276 Resp: 19613

Ion	Ratio	Lower	Upper
276	100		
138	30.4	16.5	24.7#
227	0.1	0.1	0.1



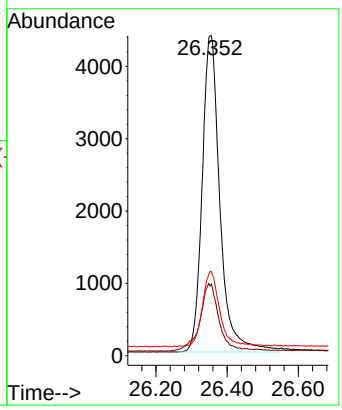


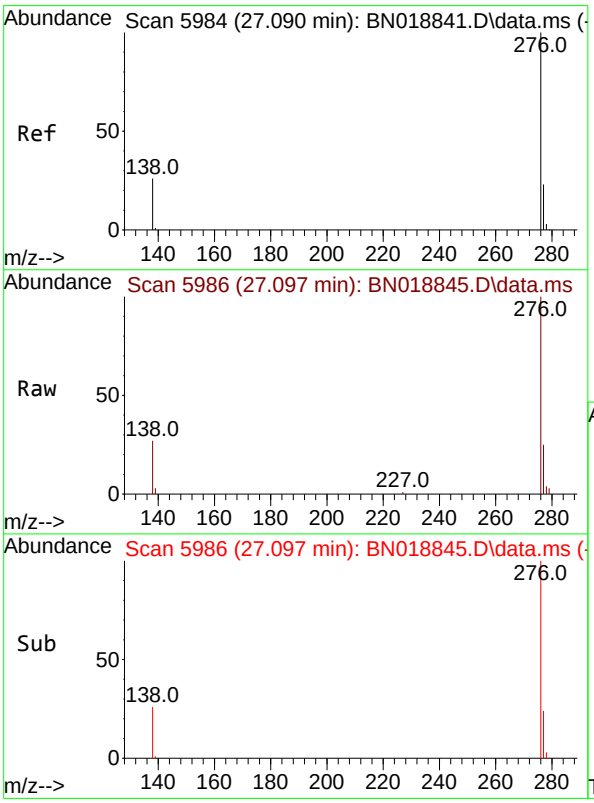
#28
Dibenzo(a,h)anthracene
Concen: 0.332 ng/ul
RT: 26.352 min Scan# 5
Delta R.T. -0.023 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Instrument :
BNA_N
ClientSampleId :
SLCS055

Tgt Ion:278 Resp: 15204

Ion	Ratio	Lower	Upper
278	100		
139	21.8	11.9	17.9#
279	26.4	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 0.342 ng/ul
RT: 27.097 min Scan# 5986
Delta R.T. -0.026 min
Lab File: BN018845.D
Acq: 04 Mar 2022 11:06

Tgt Ion:276 Resp: 17093

Ion	Ratio	Lower	Upper
276	100		
138	26.8	14.4	21.6#
277	24.6	19.2	28.8