Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
Data File : BN019871.D
Acq On : 20 May 2022 16:28
Operator : CG/JU
Sample : PB144951BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS951

Quant Time: May 26 04:20:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.854	152	3281	0.400	ng/ul	0.00
4) Naphthalene-d8	10.639	136	10788	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.474	164	6558	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.212	188	14003	0.400	ng/ul	0.00
17) Chrysene-d12	21.401	240	12825	0.400	ng/ul	0.00
23) Perylene-d12	23.739	264	10483	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.319	96	2559	0.659	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.228	152	6917	0.424	ng/ul	0.00
18) Fluoranthene-d10	19.238	212	16427	0.405	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	6291	1.526	ng/ul#	80
5) Naphthalene	10.688	128	12048	0.345	ng/ul	99
7) 2-Methylnaphthalene	12.300	142	7753	0.364	ng/ul#	100
8) 1-Methylnaphthalene	12.520	142	8099	0.411	ng/ul#	100
10) Acenaphthylene	14.191	152	11838	0.365	ng/ul	99
11) Acenaphthene	14.534	153	8633	0.331	ng/ul	98
12) Fluorene	15.519	166	9949	0.348	ng/ul	99
14) Pentachlorophenol	16.866	266	1519	0.504	ng/ul	90
15) Phenanthrene	17.255	178	17147	0.333	ng/ul	99
16) Anthracene	17.343	178	15302	0.364	ng/ul	98
19) Fluoranthene	19.271	202	19994	0.341	ng/ul	99
20) Pyrene	19.634	202	20318	0.347	ng/ul	100
21) Benzo(a)anthracene	21.383	228	18640	0.389	ng/ul	100
22) Chrysene	21.436	228	19974	0.354	ng/ul	100
24) Benzo(b)fluoranthene	23.029	252	17909	0.337	ng/ul	92
25) Benzo(k)fluoranthene	23.079	252	18349	0.358	ng/ul	97
26) Benzo(a)pyrene	23.637	252	16742	0.370	ng/ul#	79
27) Indeno(1,2,3-cd)pyrene	26.142	276	17237	0.305	ng/ul#	94
28) Dibenzo(a,h)anthracene	26.159	278	14215	0.301	ng/ul#	81
29) Benzo(g,h,i)perylene	26.877	276	14167	0.274	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052022\
Data File : BN019871.D
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Quant Time: May 26 04:20:02 2022
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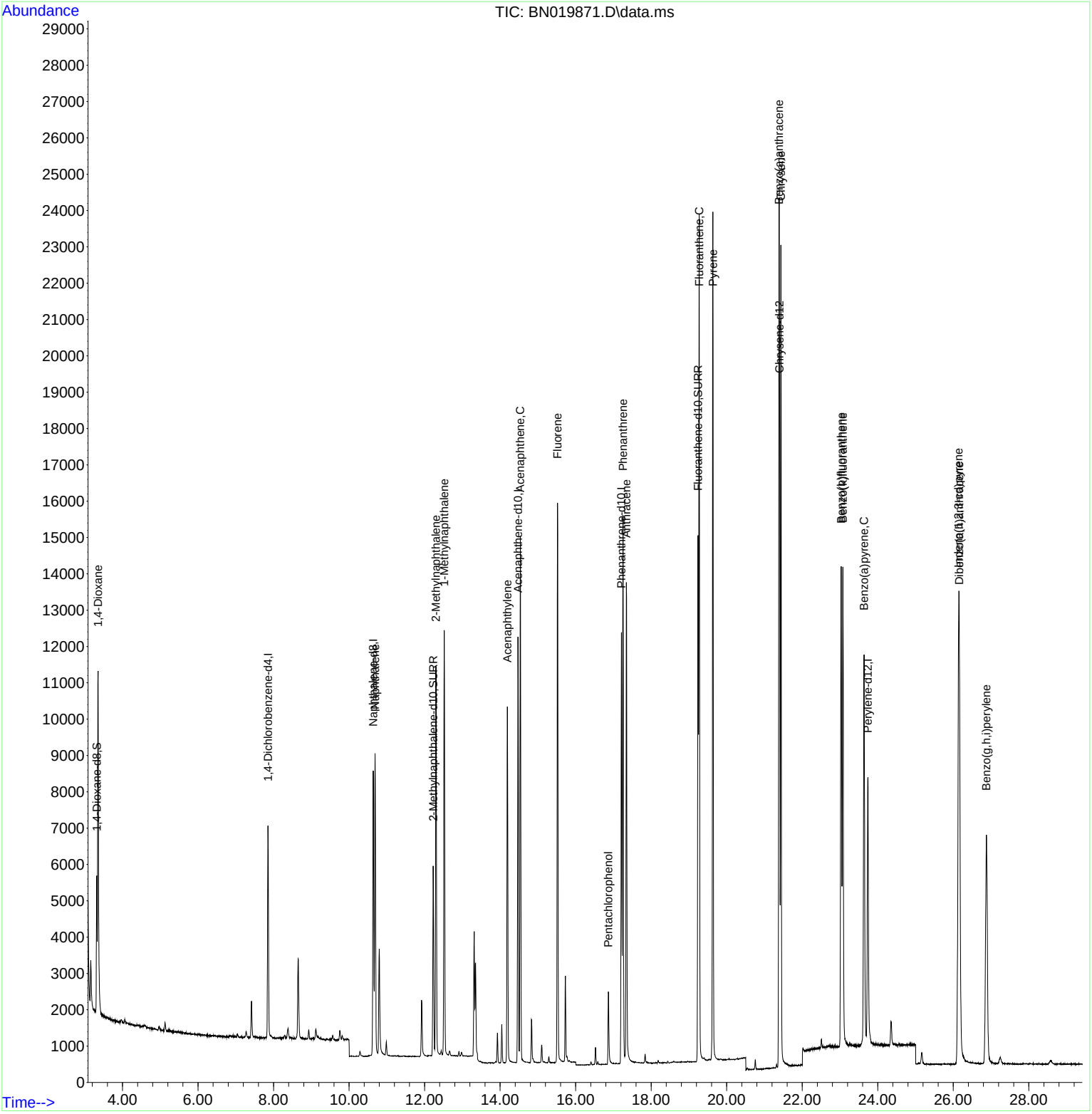
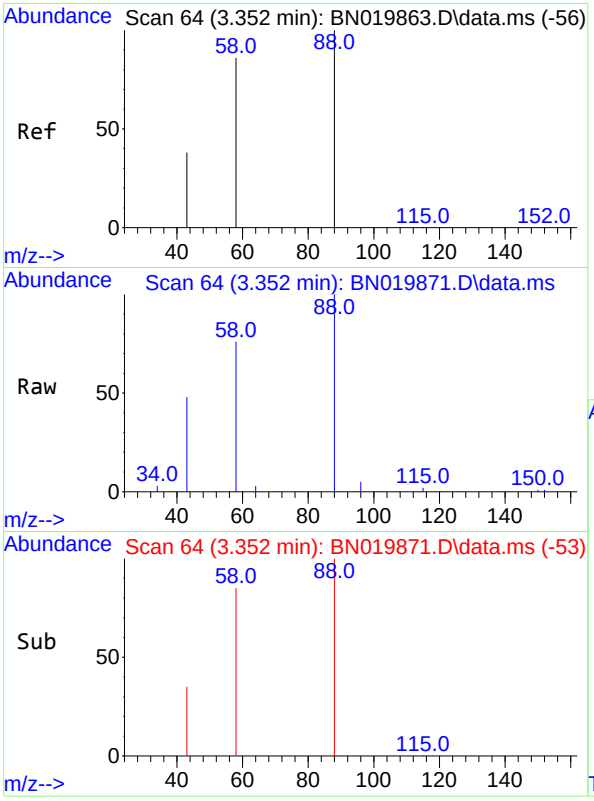
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration



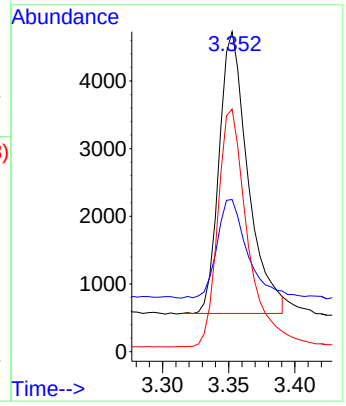


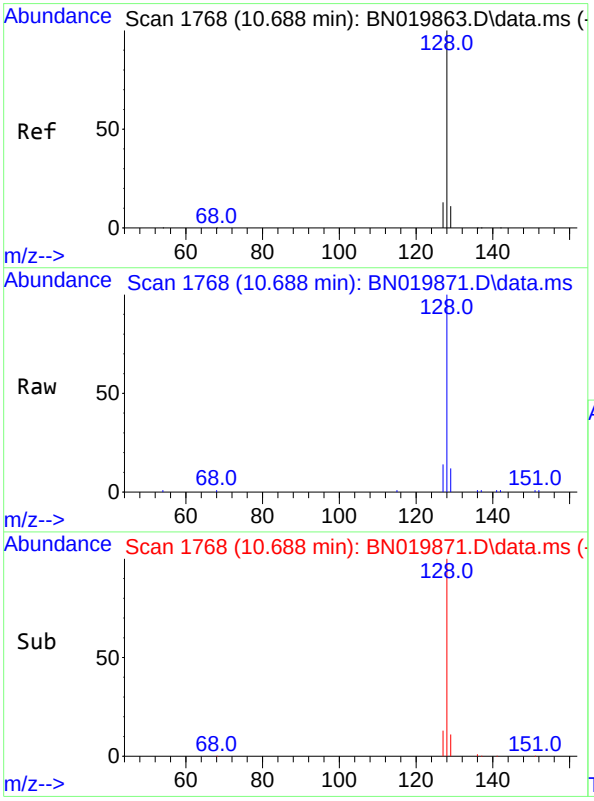
#2
1,4-Dioxane
Concen: 1.526 ng/ul
RT: 3.352 min Scan# 64
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Instrument :
BNA_N
ClientSampleId :
SLCS951

Tgt Ion: 88 Resp: 6291

Ion	Ratio	Lower	Upper
88	100		
43	47.5	39.0	58.4
58	75.8	39.8	59.8#

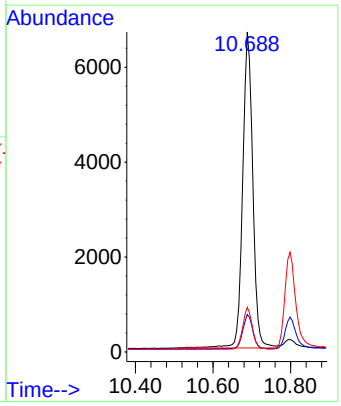


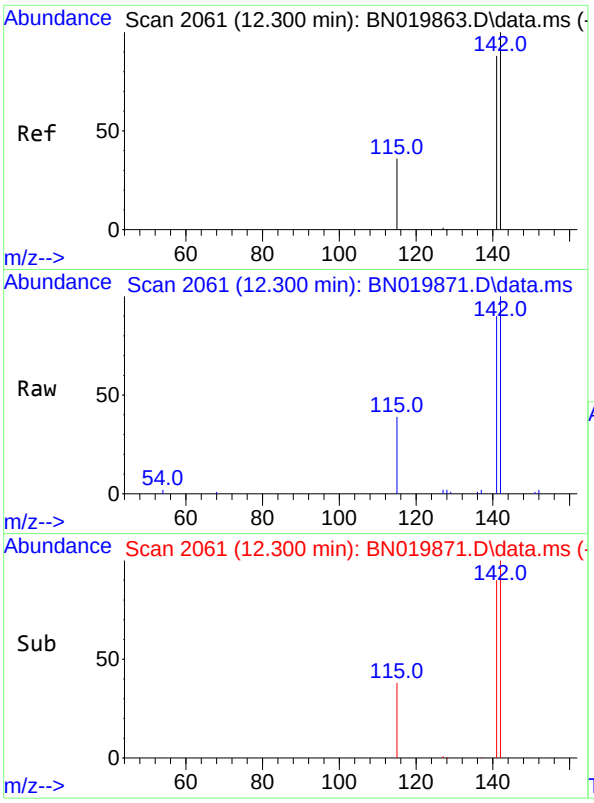


#5
Naphthalene
Concen: 0.345 ng/ul
RT: 10.688 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:128 Resp: 12048

Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.5	14.3
127	14.0	11.0	16.4



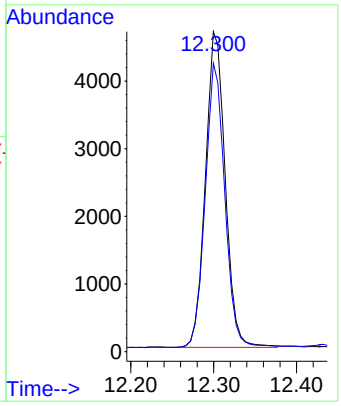


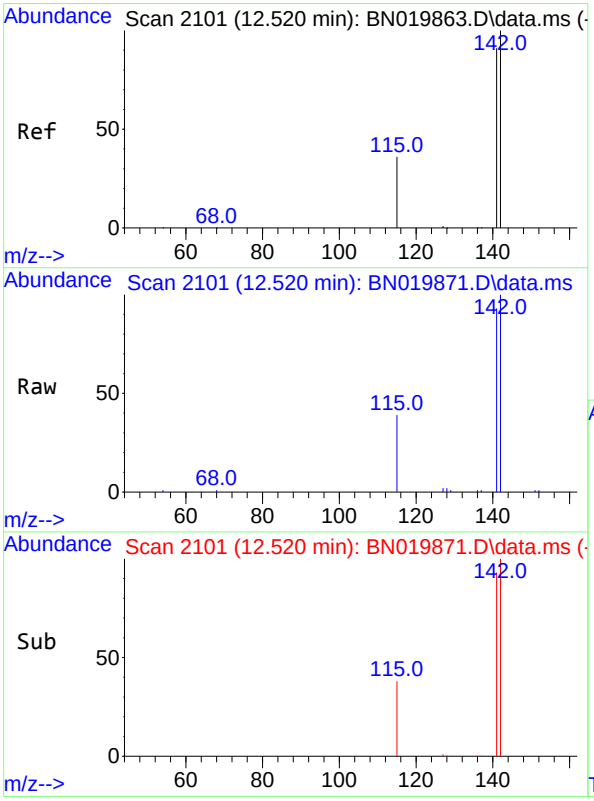
#7
2-Methylnaphthalene
Concen: 0.364 ng/ul
RT: 12.300 min Scan# 2
Delta R.T. -0.006 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Instrument :
BNA_N
ClientSampleId :
SLCS951

Tgt Ion:142 Resp: 7753

Ion	Ratio	Lower	Upper
142	100		
141	89.1	0.0	0.0#

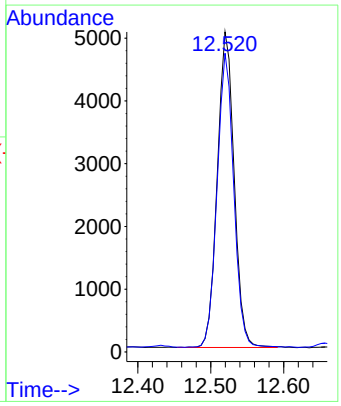


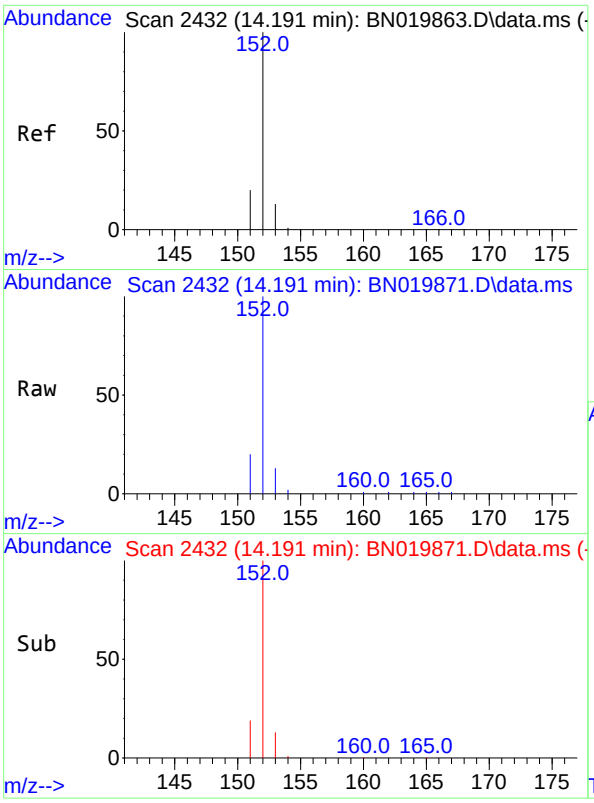


#8
1-Methylnaphthalene
Concen: 0.411 ng/ul
RT: 12.520 min Scan# 2101
Delta R.T. -0.006 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:142 Resp: 8099

Ion	Ratio	Lower	Upper
142	100		
141	92.1	0.0	0.0#



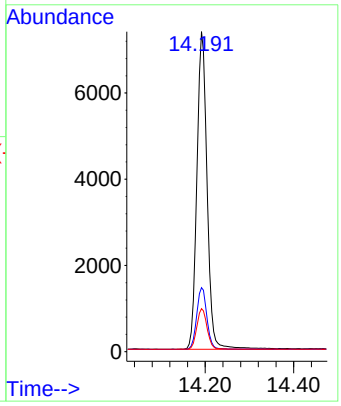


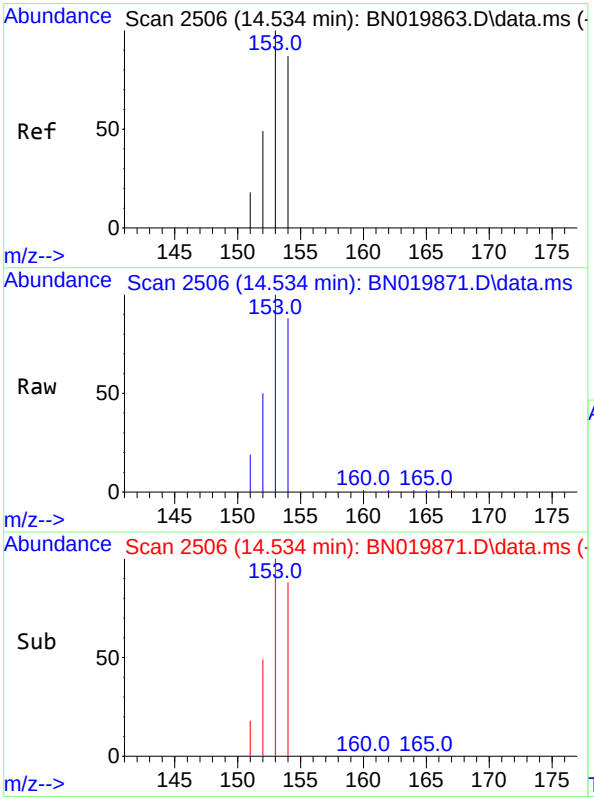
#10
Acenaphthylene
Concen: 0.365 ng/ul
RT: 14.191 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Instrument :
BNA_N
ClientSampleId :
SLCS951

Tgt Ion:152 Resp: 11838

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.3	24.5
153	13.5	11.1	16.7

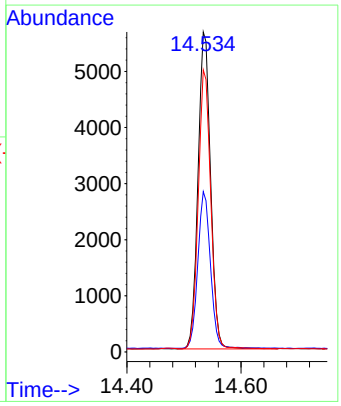


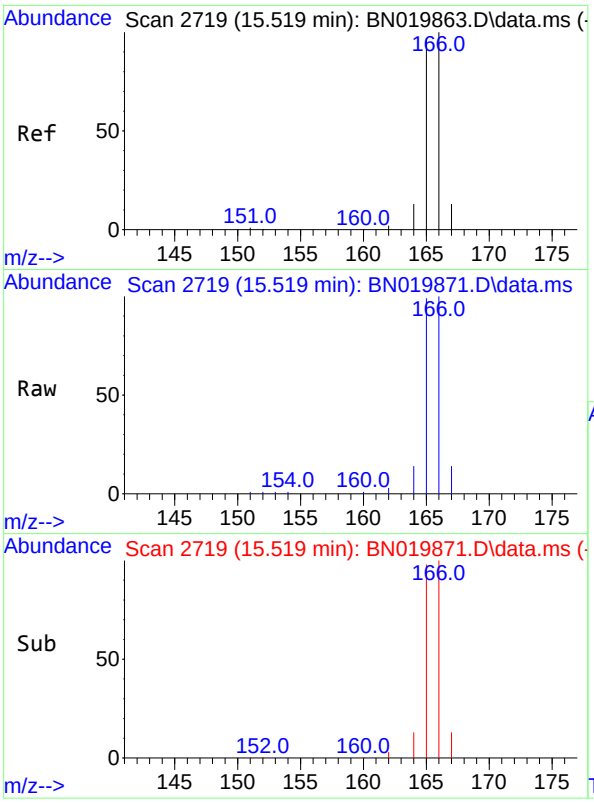


#11
Acenaphthene
Concen: 0.331 ng/ul
RT: 14.534 min Scan# 2506
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:153 Resp: 8633

Ion	Ratio	Lower	Upper
153	100		
152	50.1	38.6	57.8
154	88.1	71.2	106.8



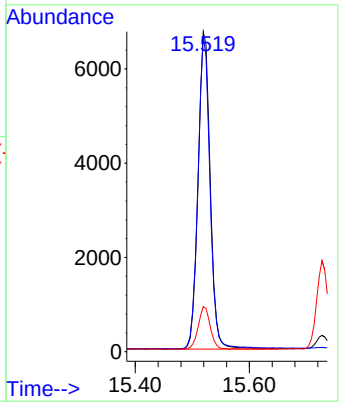


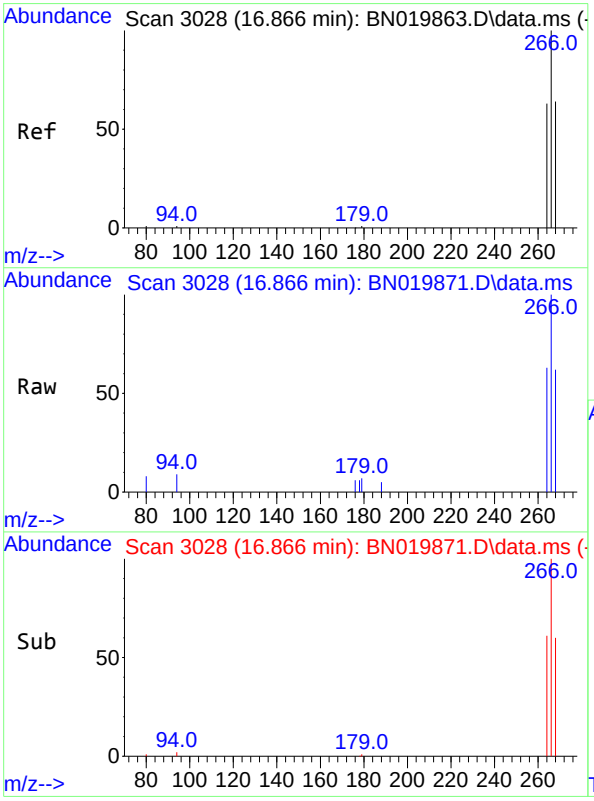
#12
Fluorene
Concen: 0.348 ng/ul
RT: 15.519 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Instrument :
BNA_N
ClientSampleId :
SLCS951

Tgt Ion:166 Resp: 9949

Ion	Ratio	Lower	Upper
166	100		
165	98.7	78.2	117.2
167	14.1	11.3	16.9

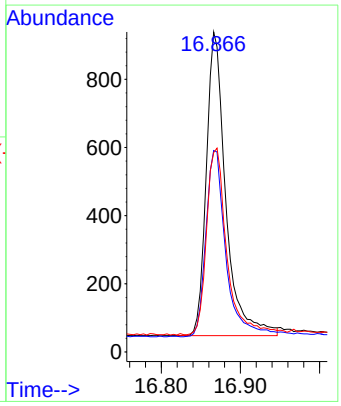


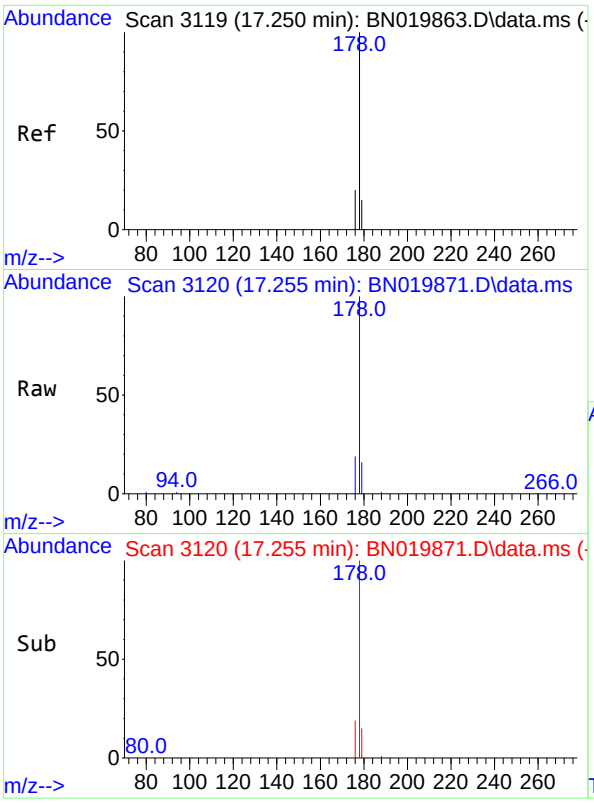


#14
Pentachlorophenol
Concen: 0.504 ng/ul
RT: 16.866 min Scan# 3028
Delta R.T. -0.000 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:266 Resp: 1519

Ion	Ratio	Lower	Upper
266	100		
264	63.3	44.9	67.3
268	63.8	44.6	67.0



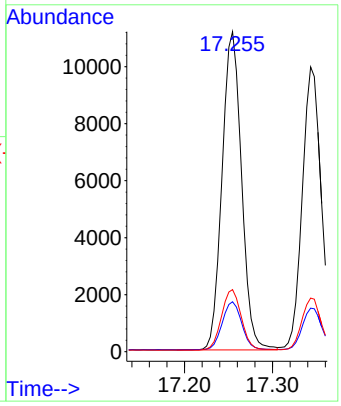


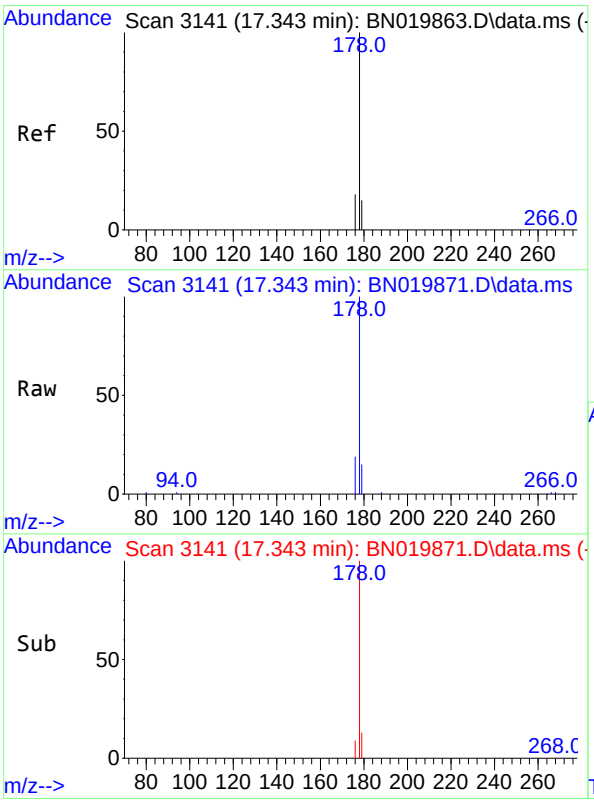
#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.255 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Instrument :
BNA_N
ClientSampleId :
SLCS951

Tgt Ion:178 Resp: 17147

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.9	19.3
176	19.4	15.5	23.3

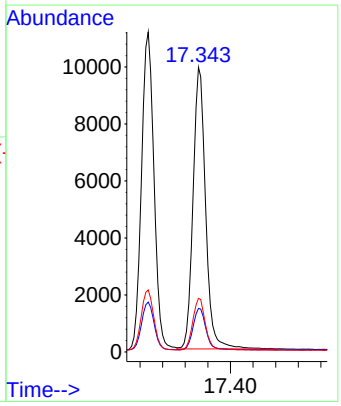


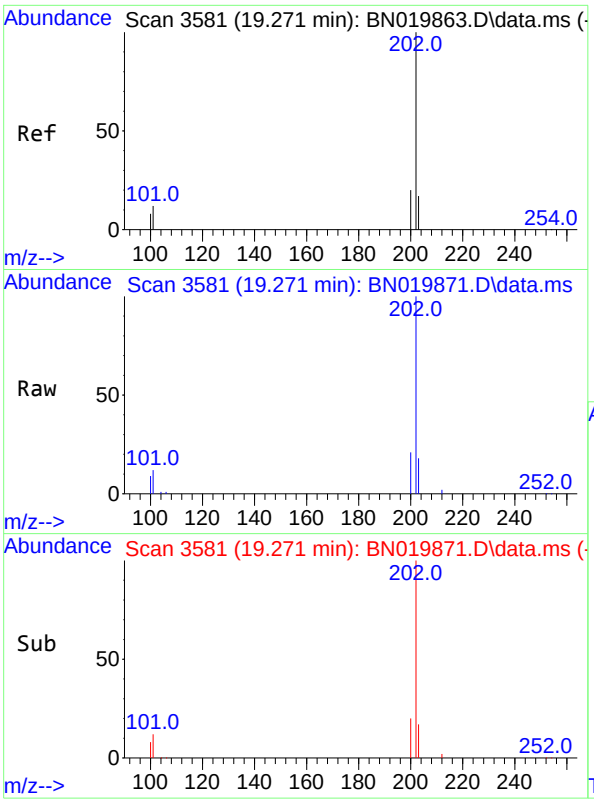


#16
Anthracene
Concen: 0.364 ng/ul
RT: 17.343 min Scan# 3141
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:178 Resp: 15302

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.1	19.7
176	18.8	15.3	22.9



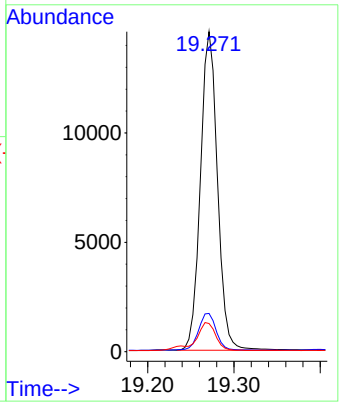


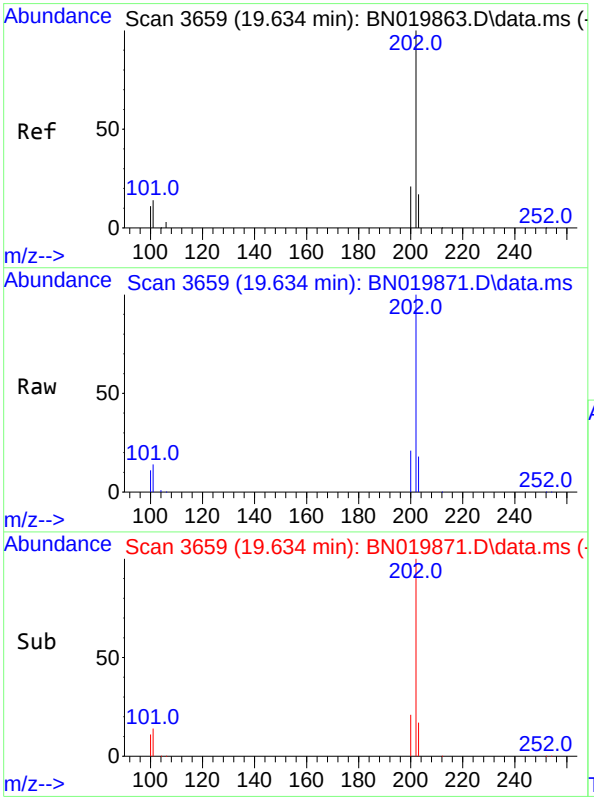
#19
Fluoranthene
Concen: 0.341 ng/ul
RT: 19.271 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Instrument :
BNA_N
ClientSampleId :
SLCS951

Tgt Ion:202 Resp: 19994

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.7	14.5
100	8.8	7.4	11.2

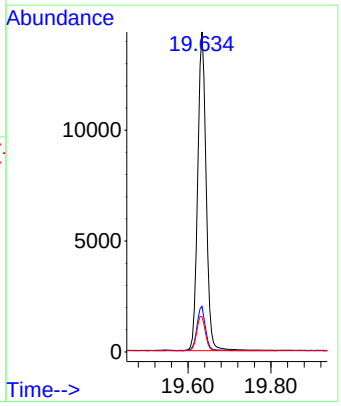


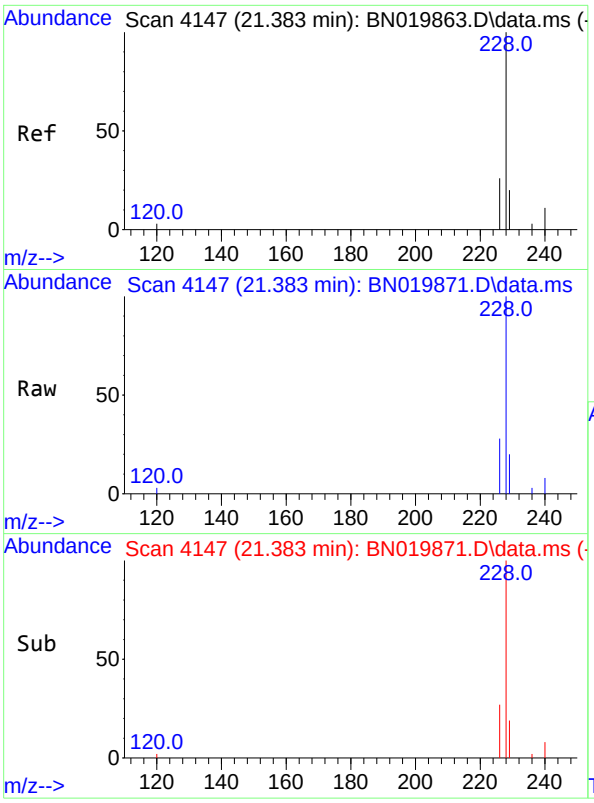


#20
Pyrene
Concen: 0.347 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. -0.000 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:202 Resp: 20318

Ion	Ratio	Lower	Upper
202	100		
101	14.2	11.4	17.0
100	11.0	9.0	13.4





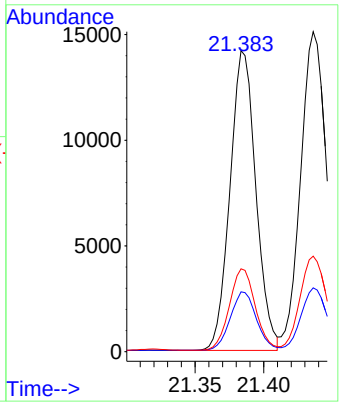
#21
Benzo(a)anthracene
Concen: 0.389 ng/ul
RT: 21.383 min Scan# 4

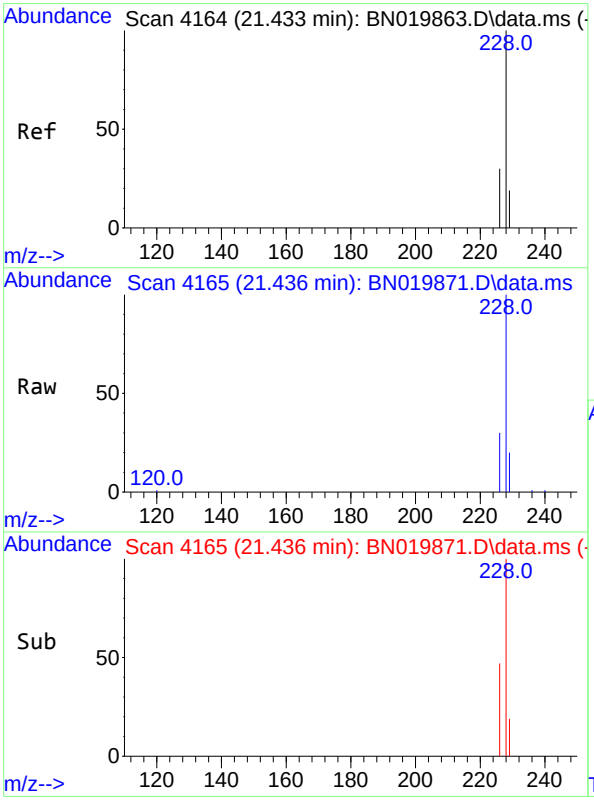
Instrument :
BNA_N
ClientSampleId :
SLCS951

Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:228 Resp: 18640

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.1	24.1
226	27.5	22.1	33.1

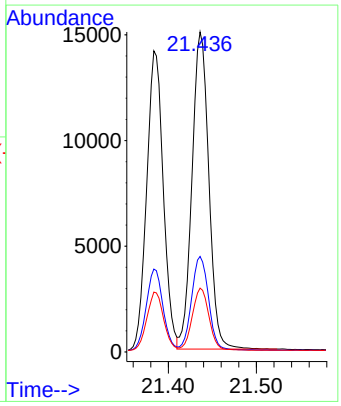


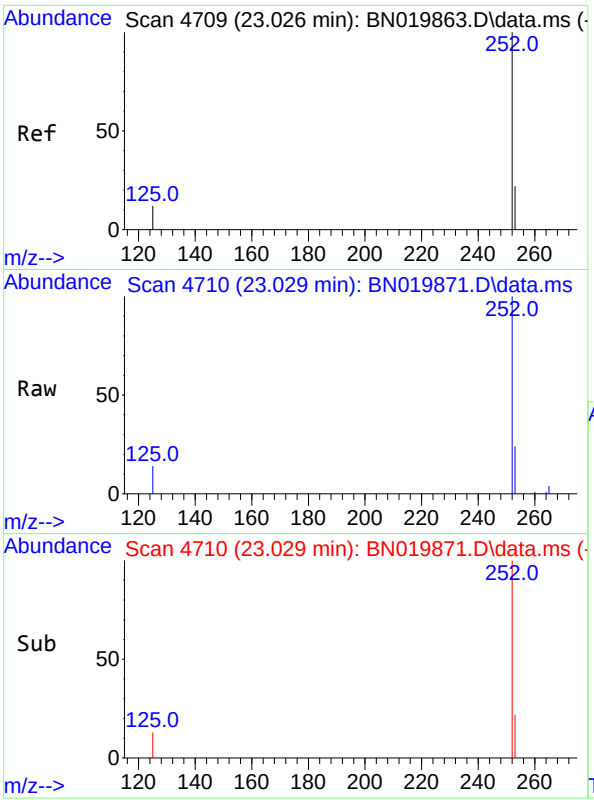


#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.436 min Scan# 4165
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:228 Resp: 19974

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.2	36.2
229	19.9	16.0	24.0



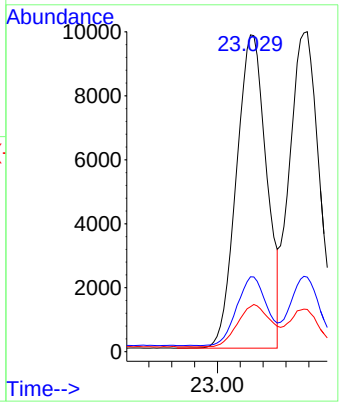


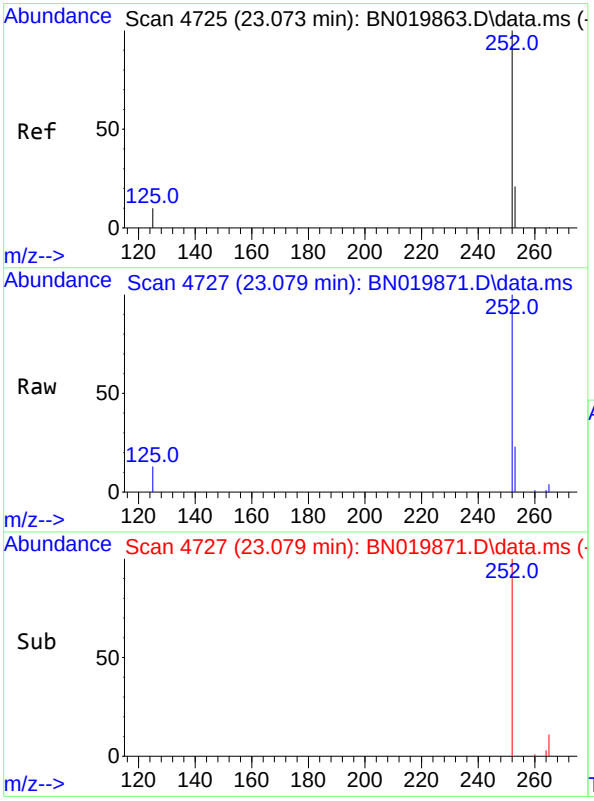
#24
Benzo(b)fluoranthene
Concen: 0.337 ng/ul
RT: 23.029 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Instrument :
BNA_N
ClientSampleId :
SLCS951

Tgt Ion:252 Resp: 17909

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	52.0
125	14.2	0.0	40.2

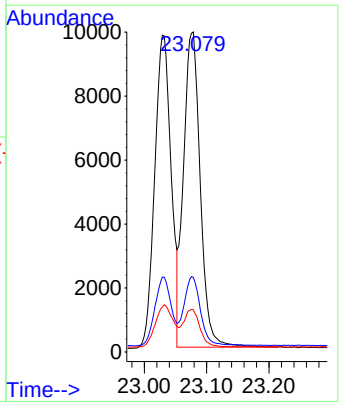


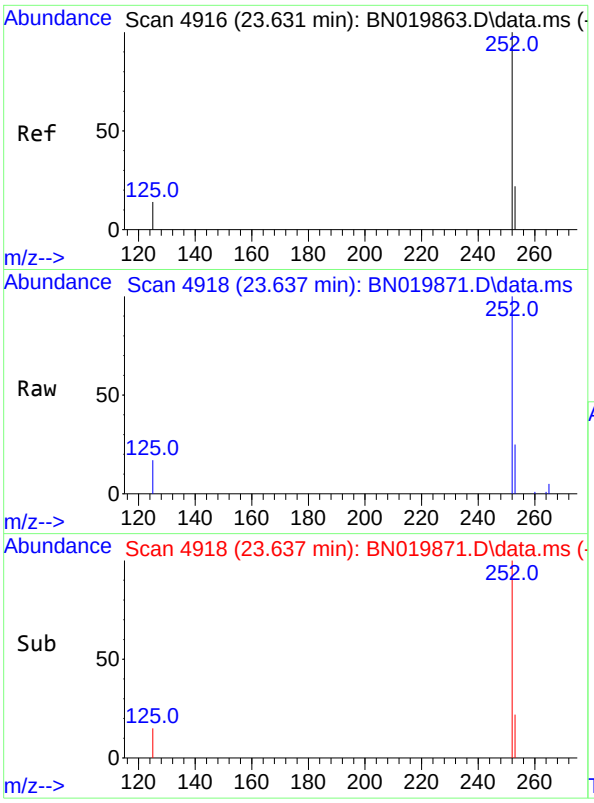


#25
Benzo(k)fluoranthene
Concen: 0.358 ng/ul
RT: 23.079 min Scan# 4727
Delta R.T. -0.002 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:252 Resp: 18349

Ion	Ratio	Lower	Upper
252	100		
253	23.3	20.2	30.2
125	13.2	11.0	16.6



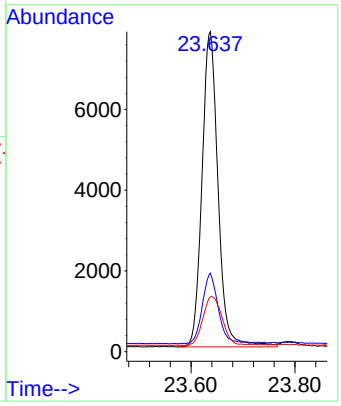


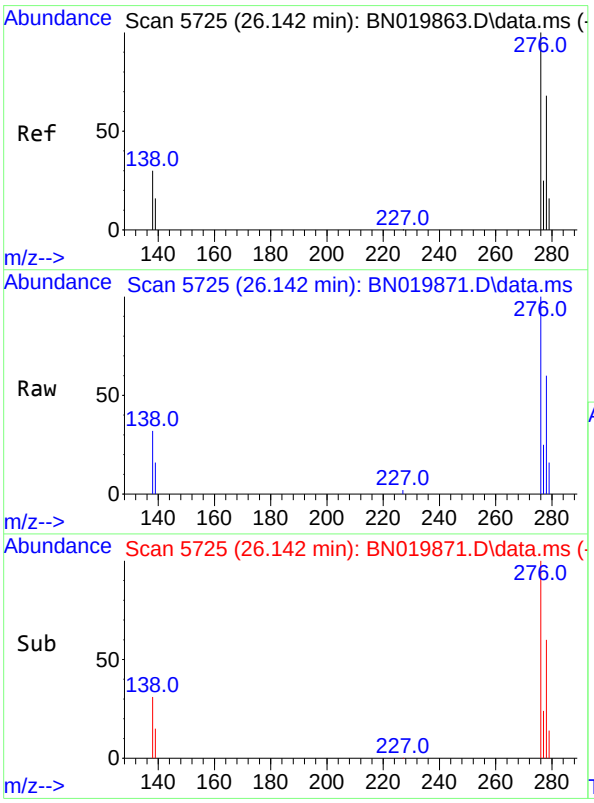
#26
Benzo(a)pyrene
Concen: 0.370 ng/ul
RT: 23.637 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Instrument :
BNA_N
ClientSampleId :
SLCS951

Tgt Ion:252 Resp: 16742

Ion	Ratio	Lower	Upper
252	100		
253	24.5	23.4	35.0
125	17.2	28.3	42.5#

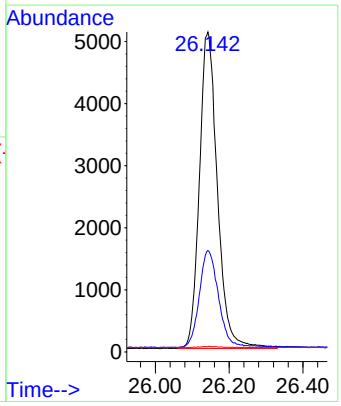


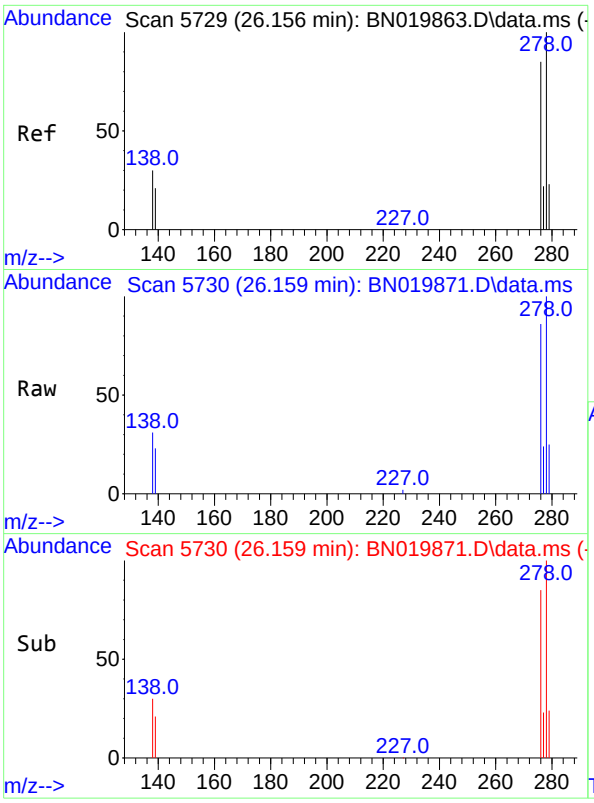


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.305 ng/ul
RT: 26.142 min Scan# 5725
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:276 Resp: 17237

Ion	Ratio	Lower	Upper
276	100		
138	32.5	23.6	35.4
227	0.2	0.0	0.0#



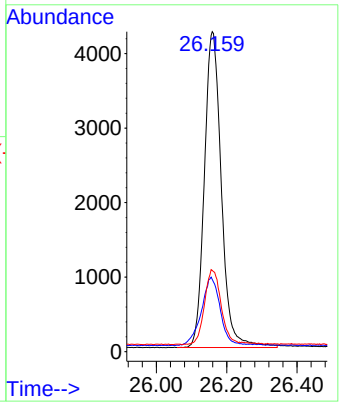


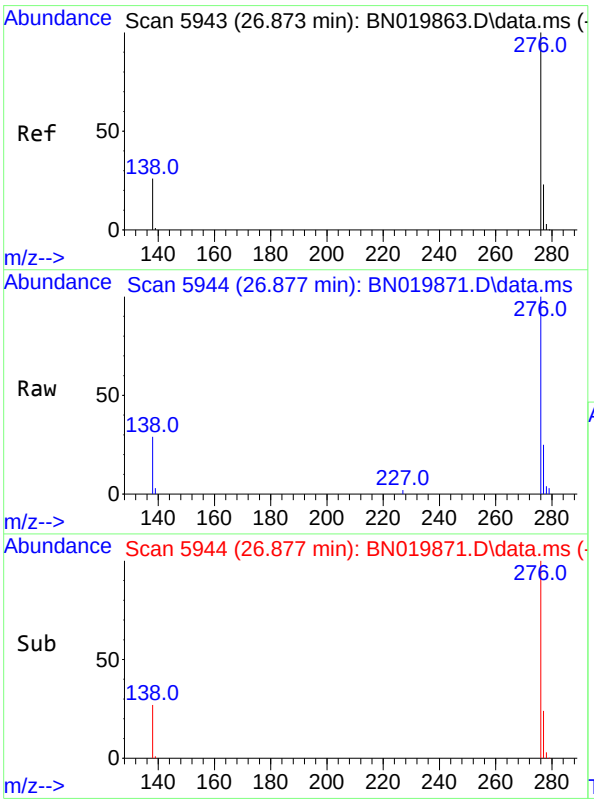
#28
Dibenzo(a,h)anthracene
Concen: 0.301 ng/ul
RT: 26.159 min Scan# 5
Delta R.T. -0.005 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Instrument :
BNA_N
ClientSampleId :
SLCS951

Tgt Ion:278 Resp: 14215

Ion	Ratio	Lower	Upper
278	100		
139	22.6	18.6	28.0
279	25.4	35.1	52.7#





#29
Benzo(g,h,i)perylene
Concen: 0.274 ng/ul
RT: 26.877 min Scan# 5944
Delta R.T. -0.002 min
Lab File: BN019871.D
Acq: 20 May 2022 16:28

Tgt Ion:276 Resp: 14167

Ion	Ratio	Lower	Upper
276	100		
138	28.7	20.9	31.3
277	24.9	20.4	30.6