Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022822\
Data File : BN018775.D
Acq On : 01 Mar 2022 00:36
Operator : CG/JU
Sample : PB142929BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS929

Quant Time: Mar 01 01:34:18 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	5894	0.400	ng/ul	0.00
4) Naphthalene-d8	10.715	136	14613	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.547	164	6830	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.288	188	12609	0.400	ng/ul	0.00
17) Chrysene-d12	21.461	240	9699	0.400	ng/ul	# 0.00
23) Perylene-d12	23.855	264	8257	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.285	96	4732	0.707	ng/ul	-0.01
6) 2-Methylnaphthalene-d10	12.305	152	7044	0.352	ng/ul	0.00
18) Fluoranthene-d10	19.307	212	12348	0.426	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.318	88	12505	1.823	ng/ul#	70
5) Naphthalene	10.765	128	14795	0.357	ng/ul	100
7) 2-Methylnaphthalene	12.382	142	8763	0.328	ng/ul	100
8) 1-Methylnaphthalene	12.596	142	8789	0.330	ng/ul	100
10) Acenaphthylene	14.265	152	10605	0.344	ng/ul	99
11) Acenaphthene	14.607	153	8681	0.352	ng/ul	100
12) Fluorene	15.593	166	9260	0.349	ng/ul	100
14) Pentachlorophenol	16.937	266	1281	0.498	ng/ul	100
15) Phenanthrene	17.326	178	15122	0.365	ng/ul	99
16) Anthracene	17.419	178	12183	0.329	ng/ul	99
19) Fluoranthene	19.340	202	16783	0.412	ng/ul#	94
20) Pyrene	19.702	202	16834	0.401	ng/ul#	94
21) Benzo(a)anthracene	21.447	228	13519	0.360	ng/ul	100
22) Chrysene	21.499	228	16800	0.429	ng/ul	100
24) Benzo(b)fluoranthene	23.127	252	16394	0.446	ng/ul	94
25) Benzo(k)fluoranthene	23.174	252	15886	0.433	ng/ul#	95
26) Benzo(a)pyrene	23.750	252	14424	0.445	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.339	276	17821	0.432	ng/ul#	79
28) Dibenzo(a,h)anthracene	26.356	278	14059	0.434	ng/ul#	92
29) Benzo(g,h,i)perylene	27.100	276	15962	0.452	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
QLast Update : Fri Feb 18 13:39:55 2022
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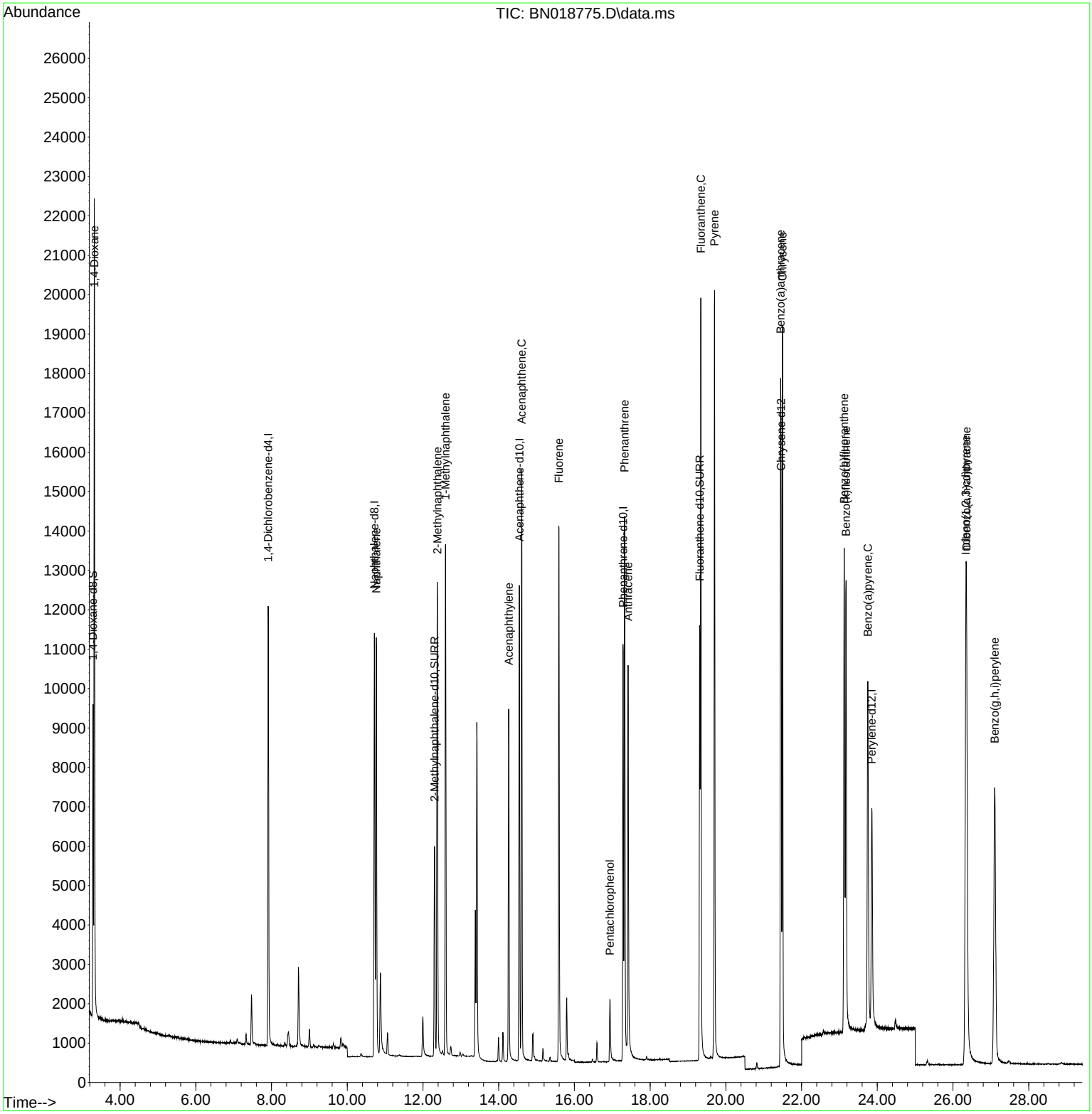
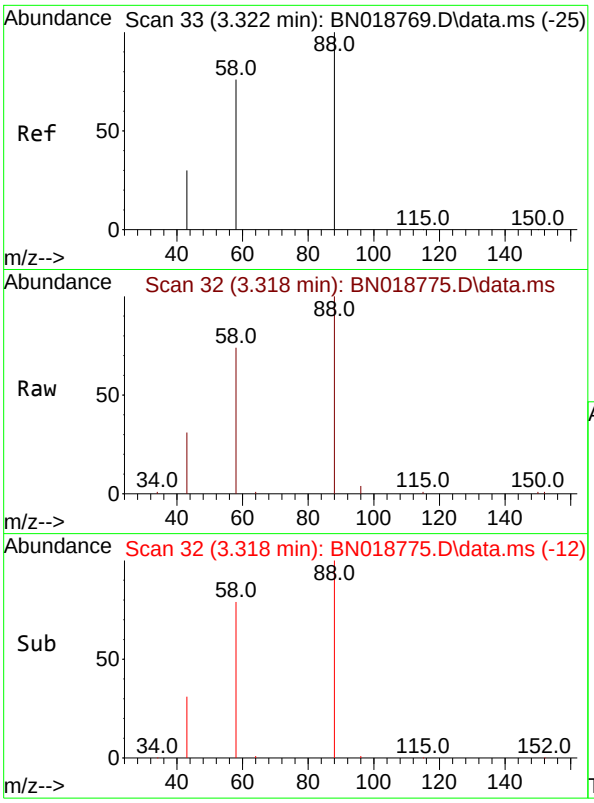


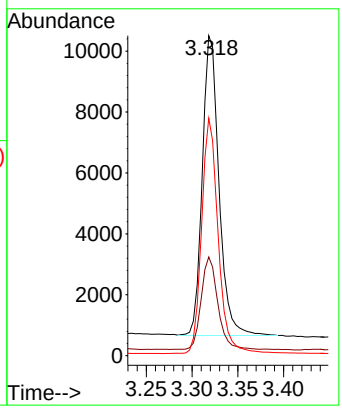


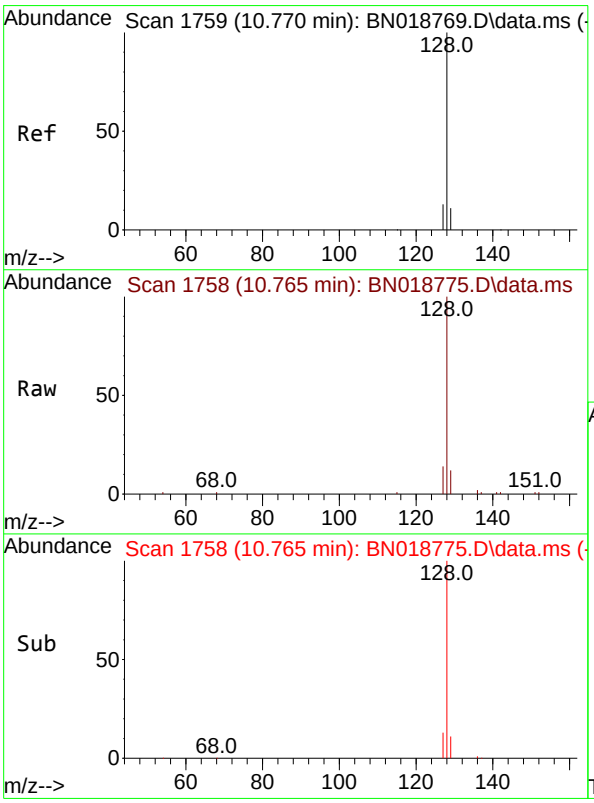
#2
1,4-Dioxane
Concen: 1.823 ng/ul
RT: 3.318 min Scan# 3
Delta R.T. -0.016 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Instrument :
BNA_N
ClientSampleId :
SLCS929

Tgt Ion: 88 Resp: 12505

Ion	Ratio	Lower	Upper
88	100		
43	30.8	47.8	71.8#
58	74.2	46.2	69.2#

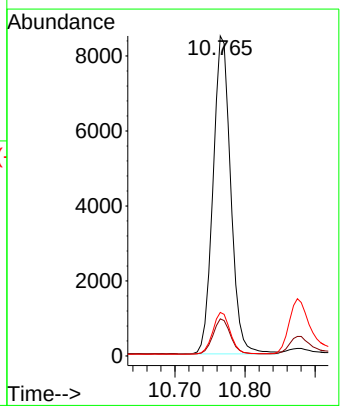


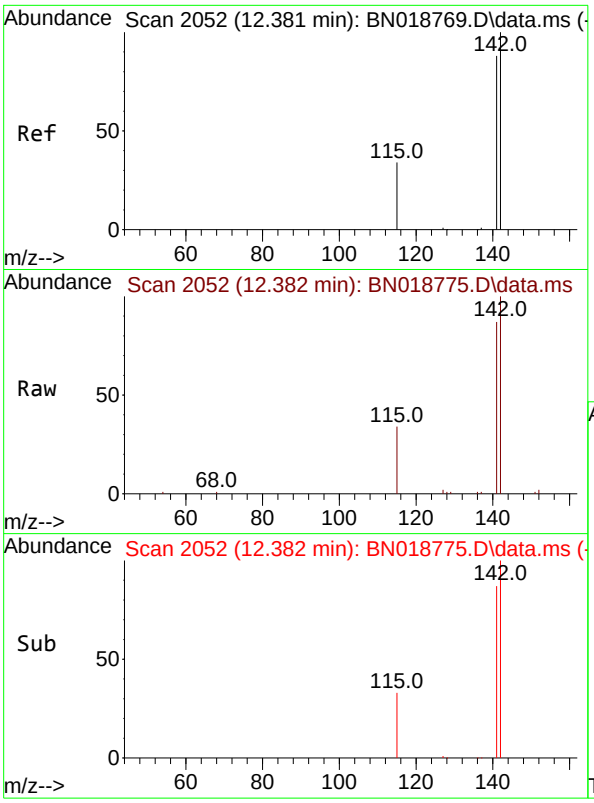


#5
Naphthalene
Concen: 0.357 ng/ul
RT: 10.765 min Scan# 1758
Delta R.T. -0.009 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Tgt Ion:128 Resp: 14795

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.4	14.0
127	13.6	11.0	16.6



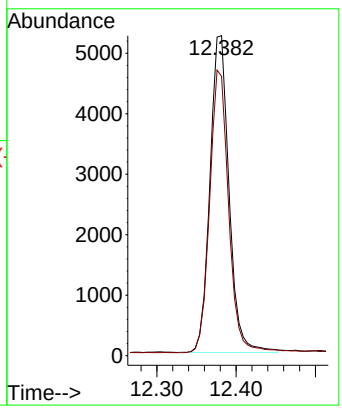


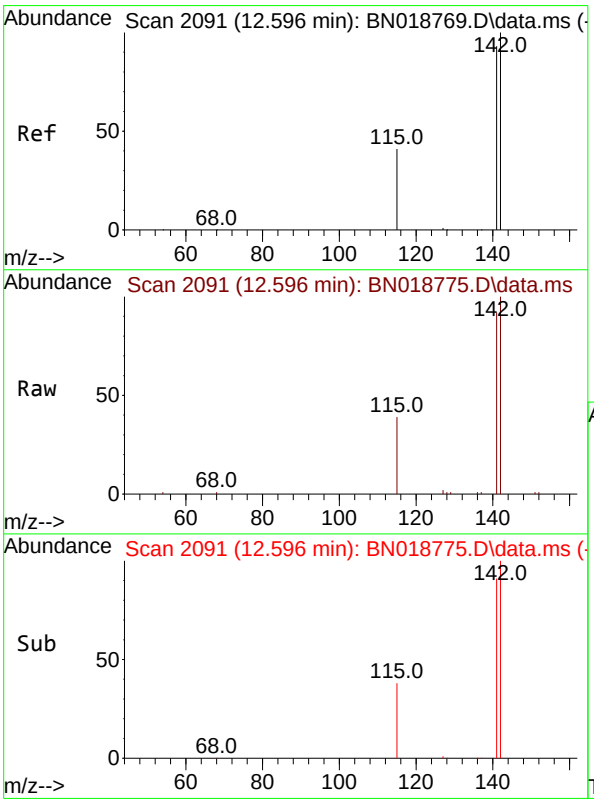
#7
2-Methylnaphthalene
Concen: 0.328 ng/ul
RT: 12.382 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Instrument :
BNA_N
ClientSampleId :
SLCS929

Tgt Ion:142 Resp: 8763

Ion	Ratio	Lower	Upper
142	100		
141	88.4	70.9	106.3

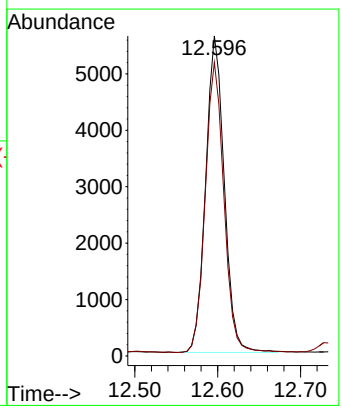


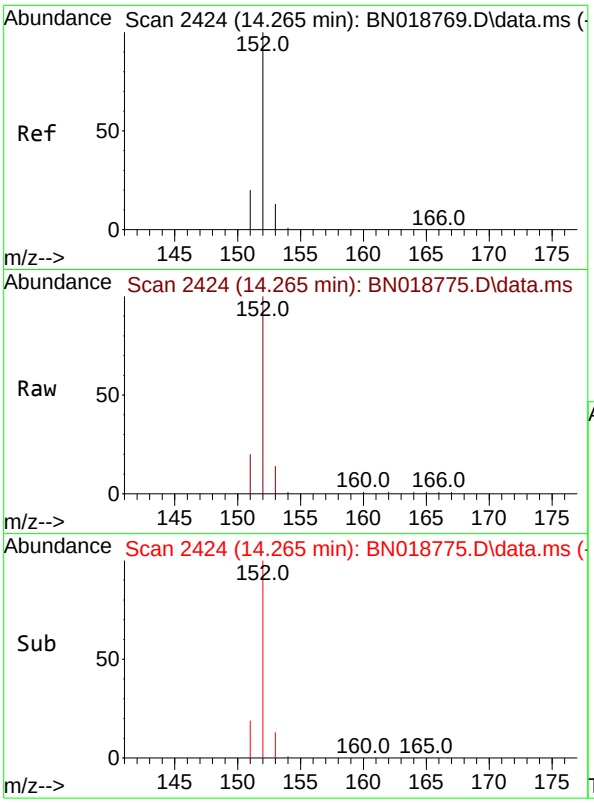


#8
1-Methylnaphthalene
Concen: 0.330 ng/ul
RT: 12.596 min Scan# 2091
Delta R.T. -0.009 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Tgt Ion:142 Resp: 8789

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.2	109.8



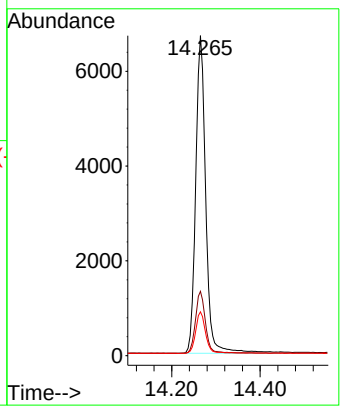


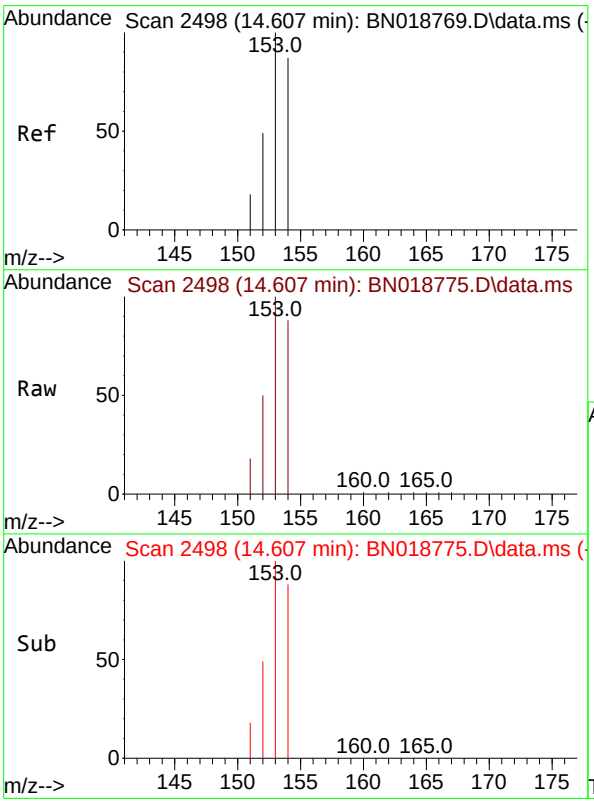
#10
Acenaphthylene
Concen: 0.344 ng/ul
RT: 14.265 min Scan# 24
Delta R.T. -0.004 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Instrument :
BNA_N
ClientSampleId :
SLCS929

Tgt Ion:152 Resp: 10605

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.8
153	13.7	10.7	16.1

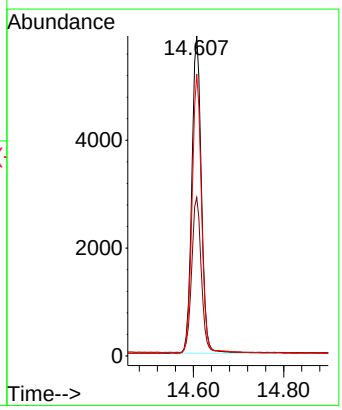


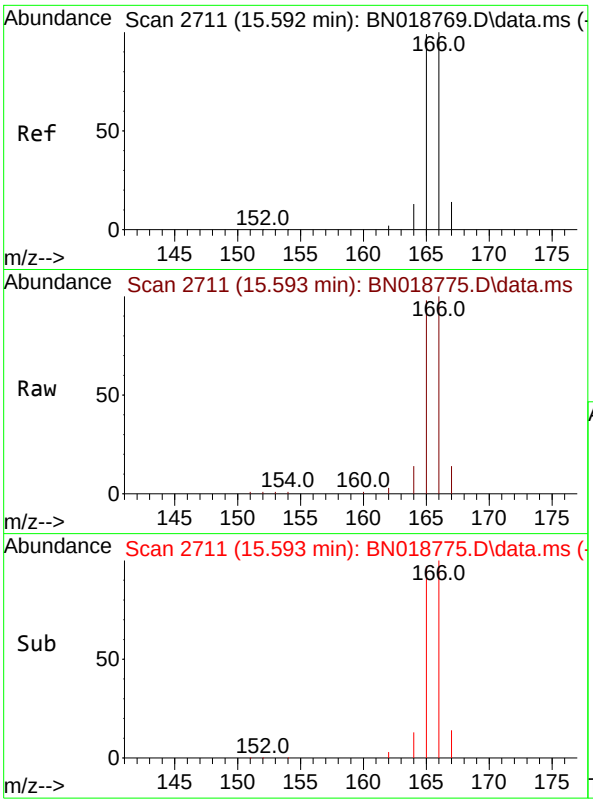


#11
Acenaphthene
Concen: 0.352 ng/ul
RT: 14.607 min Scan# 2498
Delta R.T. -0.004 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Tgt Ion:153 Resp: 8681

Ion	Ratio	Lower	Upper
153	100		
152	49.5	39.7	59.5
154	88.1	70.9	106.3



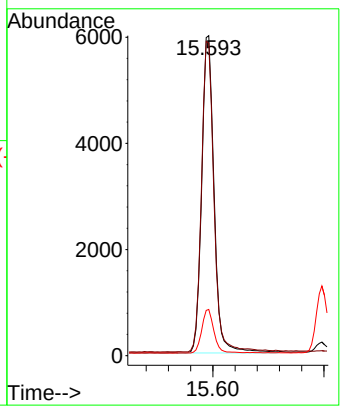


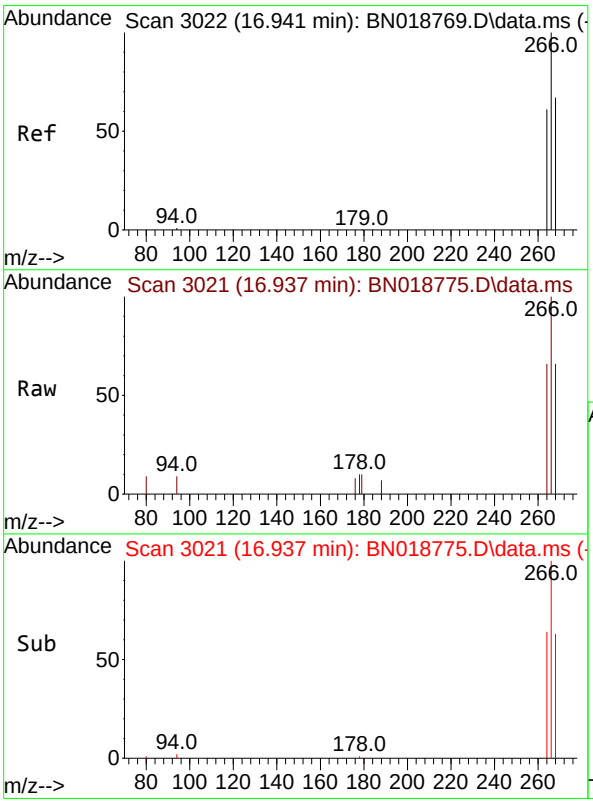
#12
Fluorene
Concen: 0.349 ng/ul
RT: 15.593 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Instrument :
BNA_N
ClientSampleId :
SLCS929

Tgt Ion:166 Resp: 9260

Ion	Ratio	Lower	Upper
166	100		
165	97.6	77.8	116.6
167	14.4	11.6	17.4

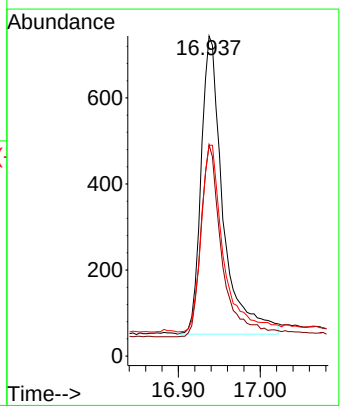


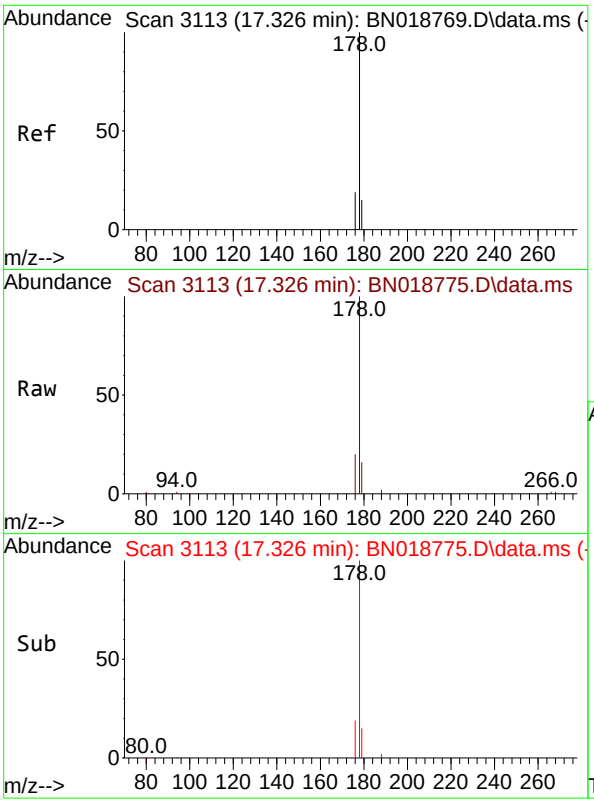


#14
Pentachlorophenol
Concen: 0.498 ng/ul
RT: 16.937 min Scan# 3021
Delta R.T. -0.003 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Tgt Ion:266 Resp: 1281

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.9	74.9
268	64.2	51.7	77.5



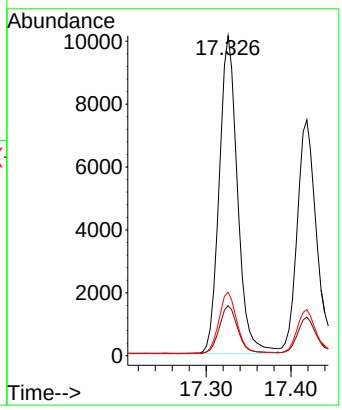


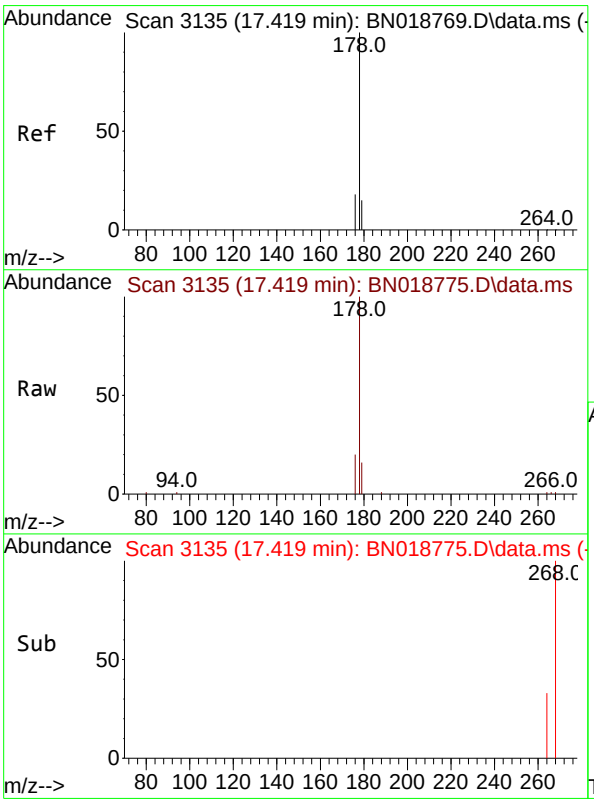
#15
Phenanthrene
Concen: 0.365 ng/ul
RT: 17.326 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Instrument :
BNA_N
ClientSampleId :
SLCS929

Tgt Ion:178 Resp: 15122

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.2	18.4
176	19.8	15.4	23.2

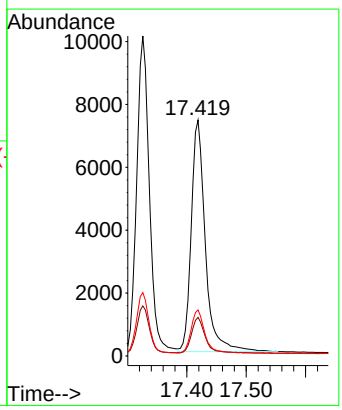


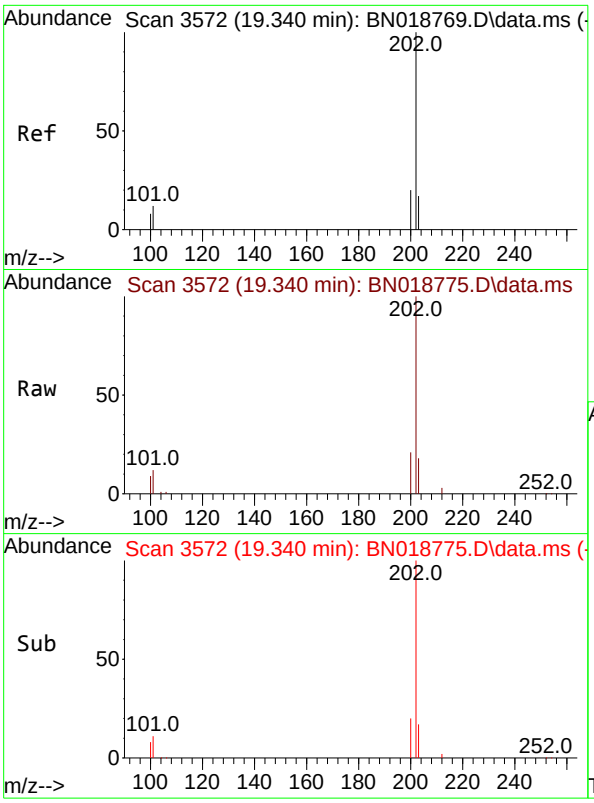


#16
Anthracene
Concen: 0.329 ng/ul
RT: 17.419 min Scan# 3135
Delta R.T. -0.003 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Tgt Ion:178 Resp: 12183

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.3	18.5
176	19.5	15.5	23.3



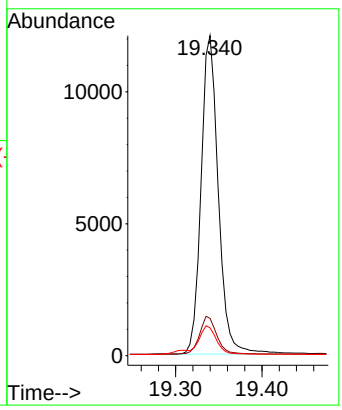


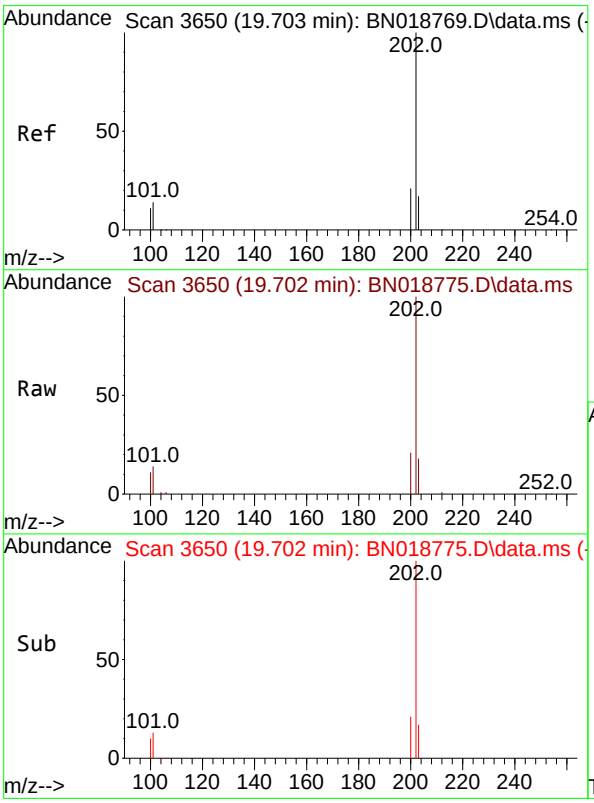
#19
Fluoranthene
Concen: 0.412 ng/ul
RT: 19.340 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Instrument :
BNA_N
ClientSampleId :
SLCS929

Tgt Ion:202 Resp: 16783

Ion	Ratio	Lower	Upper
202	100		
101	11.6	7.5	11.3#
100	8.7	5.4	8.2#

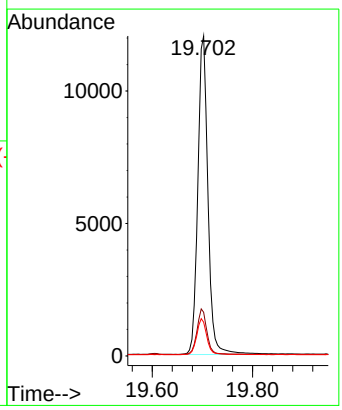


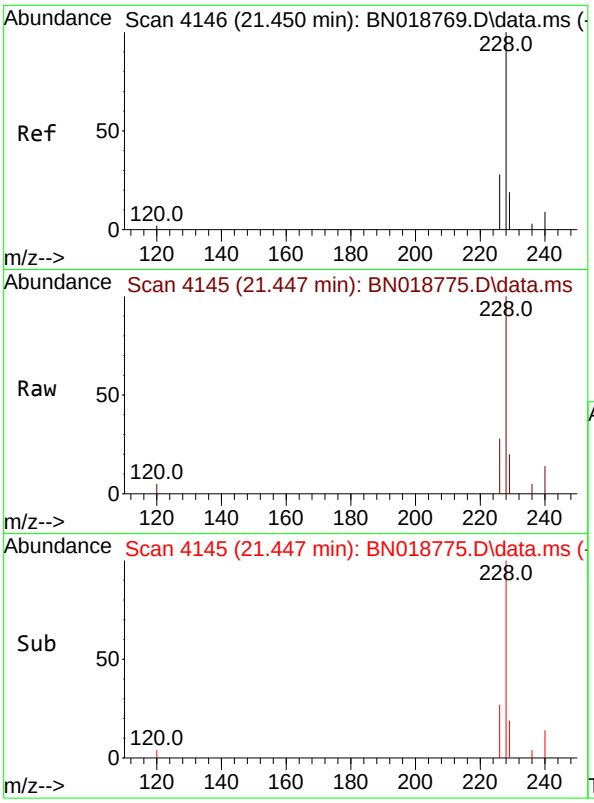


#20
Pyrene
Concen: 0.401 ng/ul
RT: 19.702 min Scan# 3650
Delta R.T. -0.004 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Tgt Ion:202 Resp: 16834

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.0	13.4#
100	10.6	7.0	10.4#



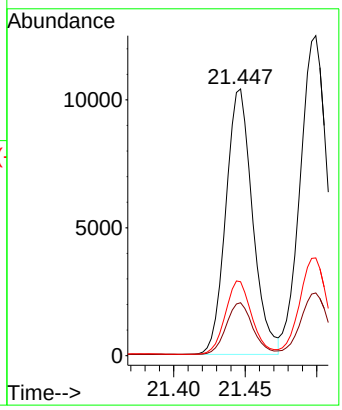


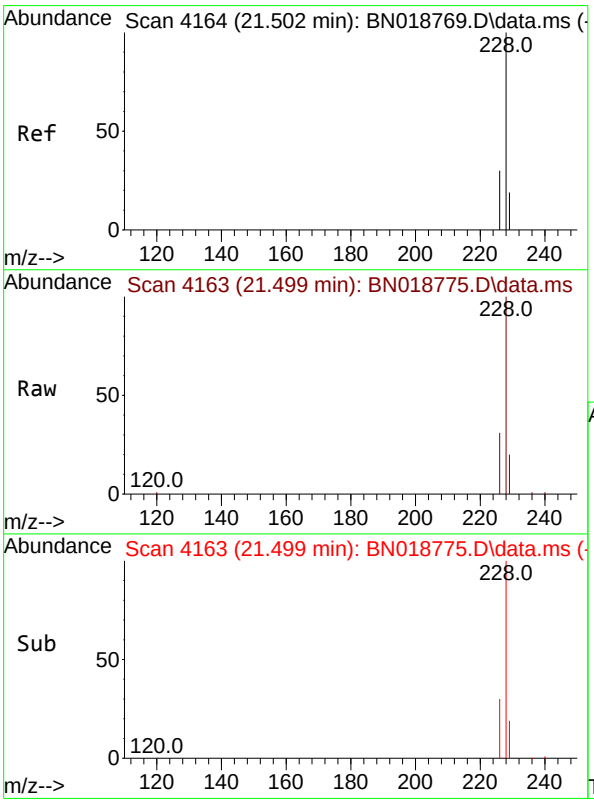
#21
Benzo(a)anthracene
Concen: 0.360 ng/ul
RT: 21.447 min Scan# 4
Delta R.T. -0.005 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Instrument :
BNA_N
ClientSampleId :
SLCS929

Tgt Ion:228 Resp: 13519

Ion	Ratio	Lower	Upper
228	100		
229	19.9	15.6	23.4
226	27.7	22.1	33.1

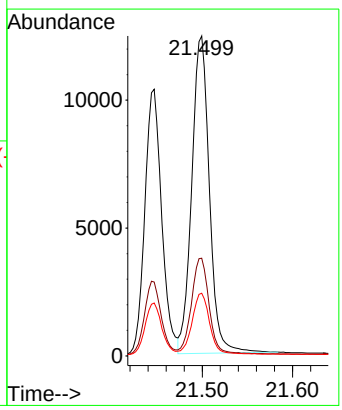


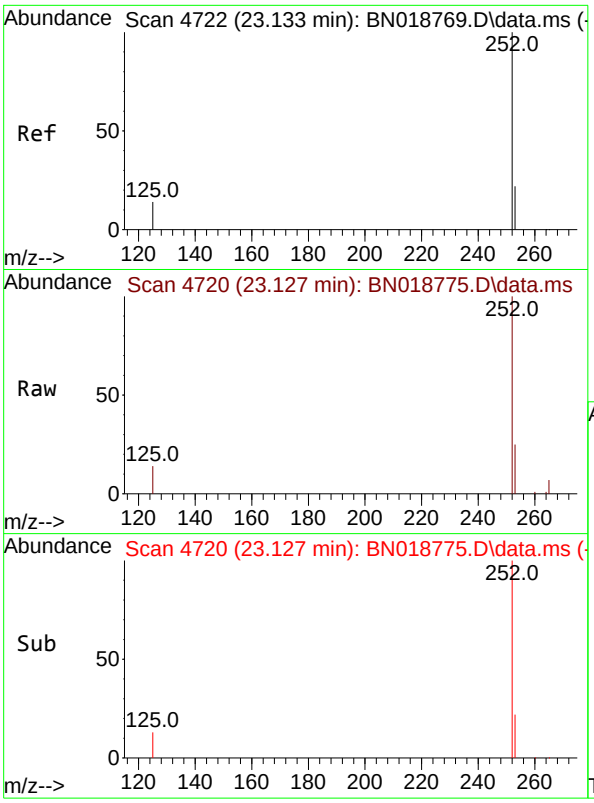


#22
Chrysene
Concen: 0.429 ng/ul
RT: 21.499 min Scan# 4163
Delta R.T. -0.005 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Tgt Ion:228 Resp: 16800

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.4
229	19.6	15.7	23.5



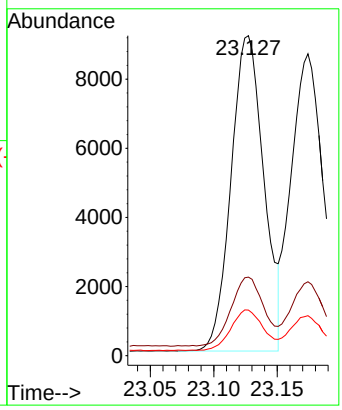


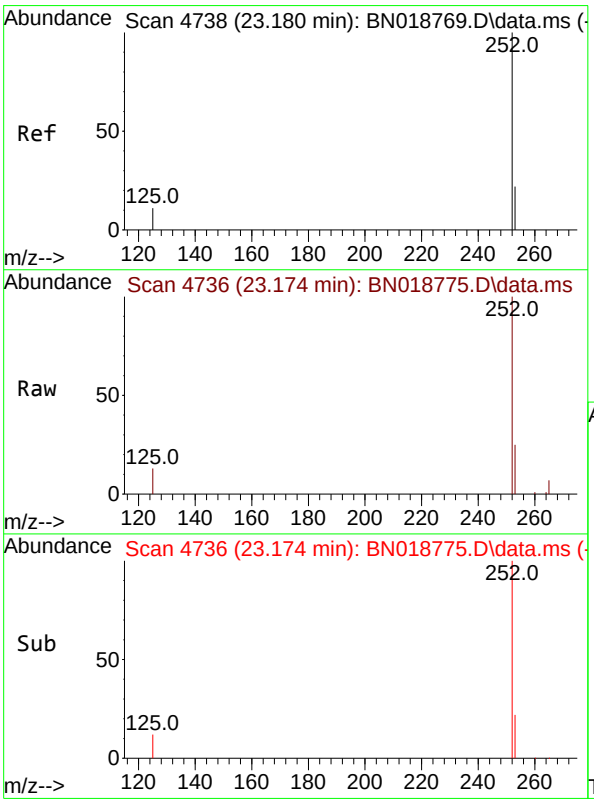
#24
Benzo(b)fluoranthene
Concen: 0.446 ng/ul
RT: 23.127 min Scan# 4
Delta R.T. -0.008 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Instrument :
BNA_N
ClientSampleId :
SLCS929

Tgt Ion:252 Resp: 16394

Ion	Ratio	Lower	Upper
252	100		
253	24.5	0.0	46.4
125	14.2	0.0	17.8

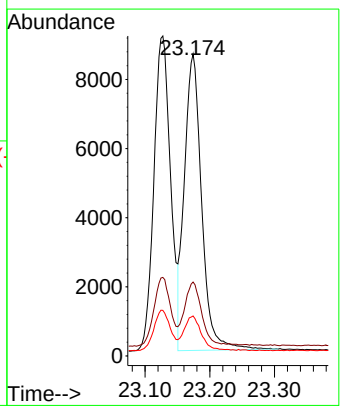


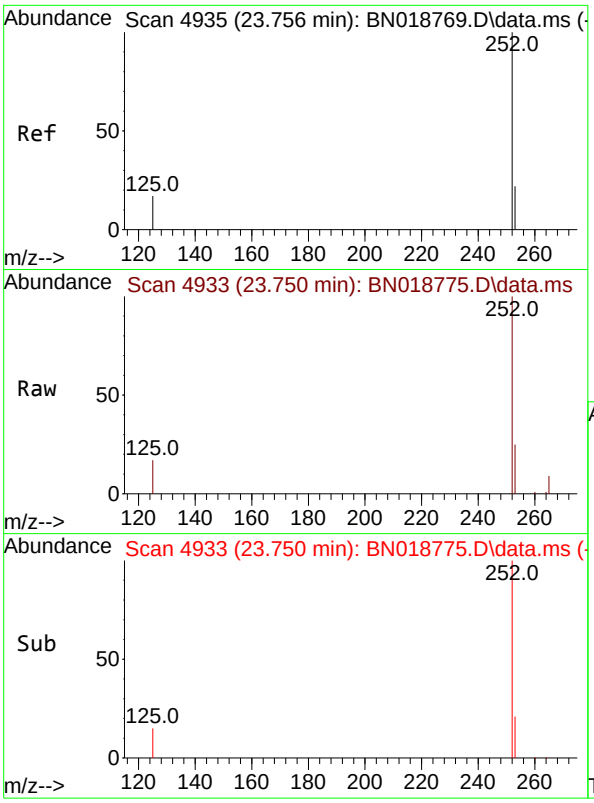


#25
Benzo(k)fluoranthene
Concen: 0.433 ng/ul
RT: 23.174 min Scan# 4736
Delta R.T. -0.008 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Tgt Ion:252 Resp: 15886

Ion	Ratio	Lower	Upper
252	100		
253	24.5	18.6	28.0
125	13.3	7.3	10.9#



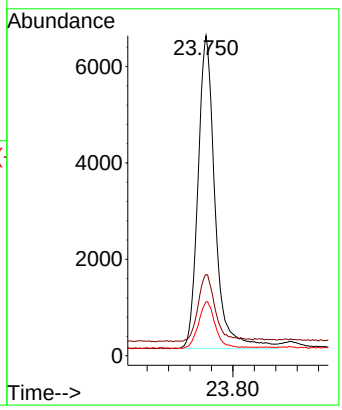


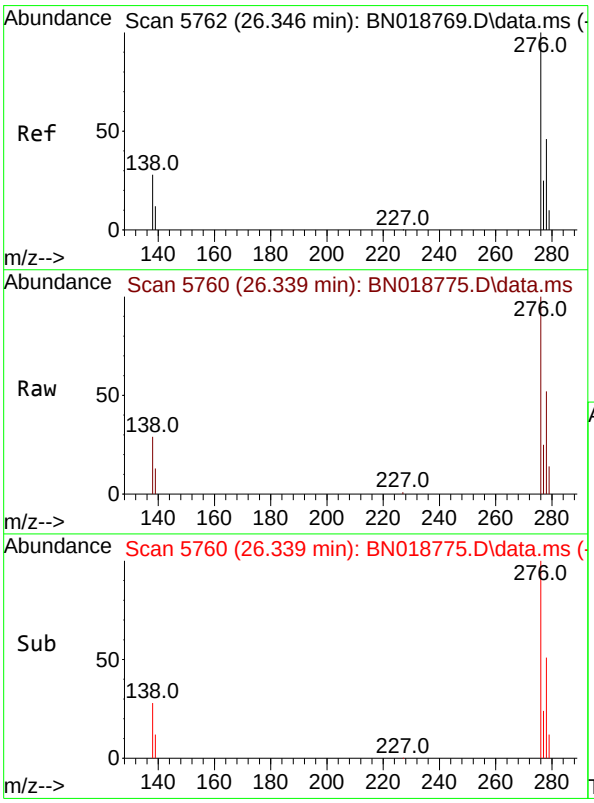
#26
Benzo(a)pyrene
Concen: 0.445 ng/ul
RT: 23.750 min Scan# 4
Delta R.T. -0.011 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Instrument :
BNA_N
ClientSampleId :
SLCS929

Tgt Ion:252 Resp: 14424

Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.9	28.3
125	16.9	8.2	12.2#

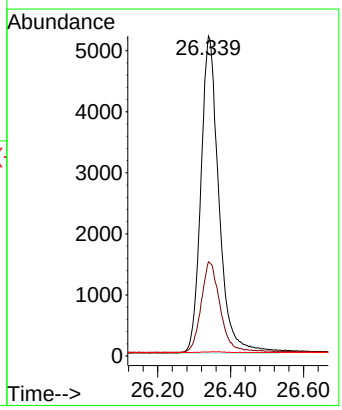


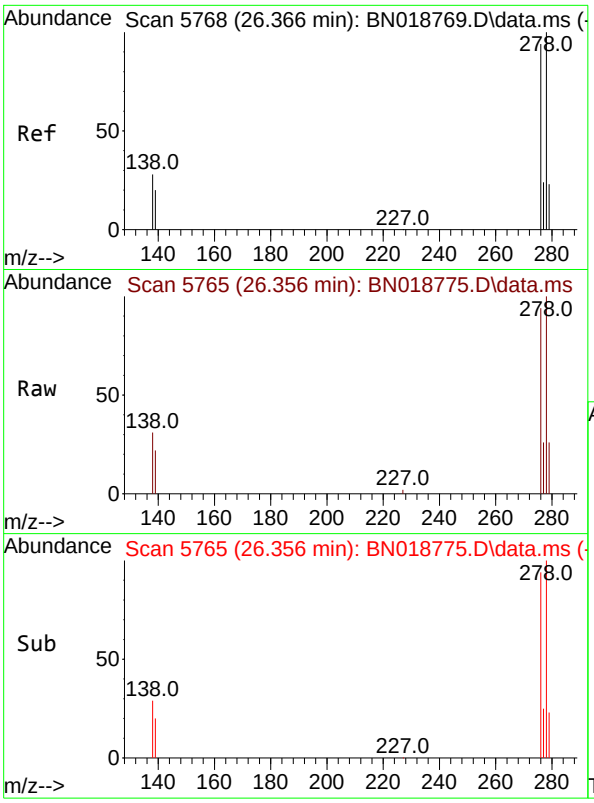


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.432 ng/ul
RT: 26.339 min Scan# 5760
Delta R.T. -0.019 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Tgt Ion:276 Resp: 17821

Ion	Ratio	Lower	Upper
276	100		
138	30.3	16.5	24.7#
227	0.2	0.1	0.1#



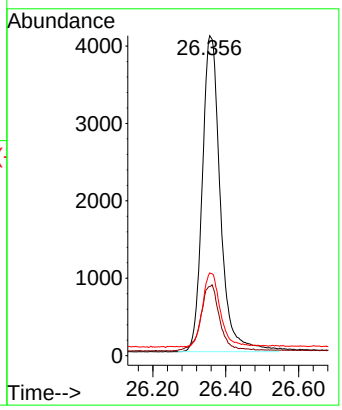


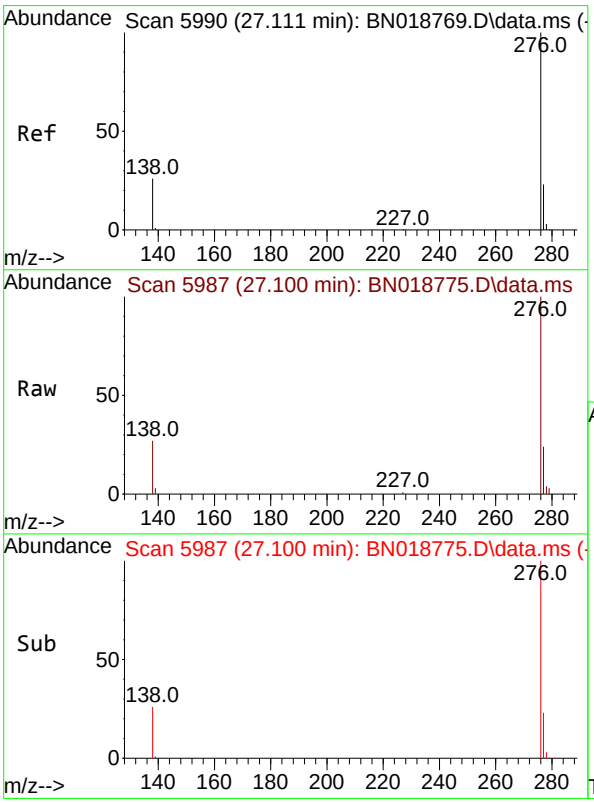
#28
Dibenzo(a,h)anthracene
Concen: 0.434 ng/ul
RT: 26.356 min Scan# 5
Delta R.T. -0.019 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Instrument :
BNA_N
ClientSampleId :
SLCS929

Tgt Ion:278 Resp: 14059

Ion	Ratio	Lower	Upper
278	100		
139	21.6	11.9	17.9#
279	25.9	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 0.452 ng/ul
RT: 27.100 min Scan# 5987
Delta R.T. -0.022 min
Lab File: BN018775.D
Acq: 01 Mar 2022 00:36

Tgt Ion:276 Resp: 15962

Ion	Ratio	Lower	Upper
276	100		
138	26.9	14.4	21.6#
277	24.5	19.2	28.8