Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
Data File : BN022271.D
Acq On : 22 Oct 2022 01:34
Operator : CG/JU
Sample : PB148372BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS372

Quant Time: Oct 22 02:17:49 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN102022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.965	152	1	0.400	ng/ul	# 0.01
4) Naphthalene-d8	10.772	136	14	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.609	164	6	0.400	ng/ul	#-0.02
13) Phenanthrene-d10	17.374	188	25	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.576	240	61	0.400	ng/ul	# 0.00
23) Perylene-d12	24.046	264	10	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.253	96	3591	2763.108	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.372	152	8984	424.117	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	13063	63.789	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.291	88	9113	6829.099	ng/ul	90
5) Naphthalene	10.822	128	16290	393.888	ng/ul	100
7) 2-Methylnaphthalene	12.444	142	10523	403.885	ng/ul	99
8) 1-Methylnaphthalene	12.664	142	11197	417.711	ng/ul	100
10) Acenaphthylene	14.341	152	14641	543.575	ng/ul	100
11) Acenaphthene	14.683	153	11285	496.749	ng/ul	99
12) Fluorene	15.673	166	12234	463.689	ng/ul	100
14) Pentachlorophenol	17.028	266	1951	328.261	ng/ul	100
15) Phenanthrene	17.416	178	17742	211.387	ng/ul	99
16) Anthracene	17.509	178	15872	224.440	ng/ul	99
19) Fluoranthene	19.440	202	17019	60.913	ng/ul	100
20) Pyrene	19.807	202	16933	60.326	ng/ul	98
21) Benzo(a)anthracene	21.558	228	12738	55.733	ng/ul	99
22) Chrysene	21.614	228	12801	52.842	ng/ul	99
24) Benzo(b)fluoranthene	23.277	252	12735	253.597	ng/ul	93
25) Benzo(k)fluoranthene	23.327	252	12523	256.464	ng/ul	95
26) Benzo(a)pyrene	23.923	252	11223	280.335	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.615	276	14708	295.535	ng/ul	99
28) Dibenzo(a,h)anthracene	26.635	278	11626	292.425	ng/ul	98
29) Benzo(g,h,i)perylene	27.413	276	12146	299.563	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102122\
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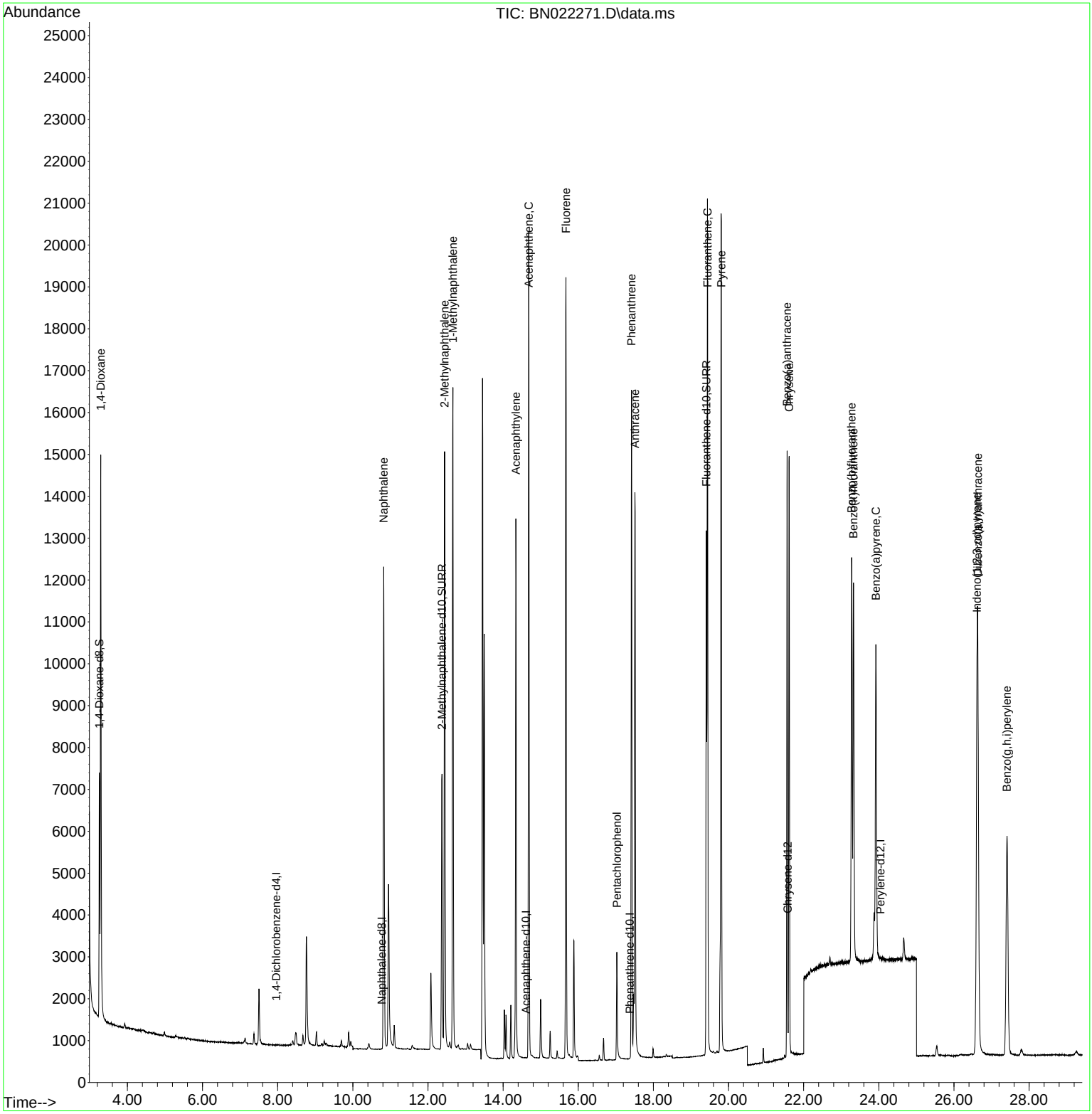
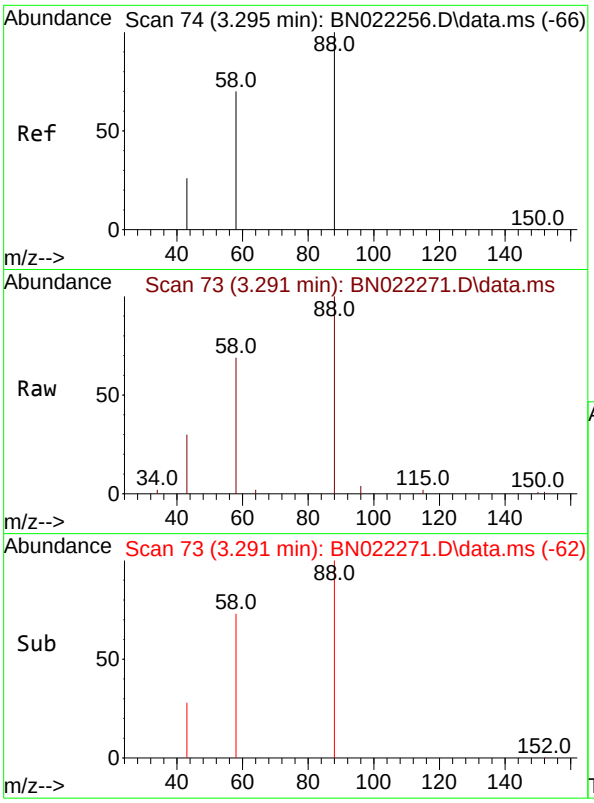


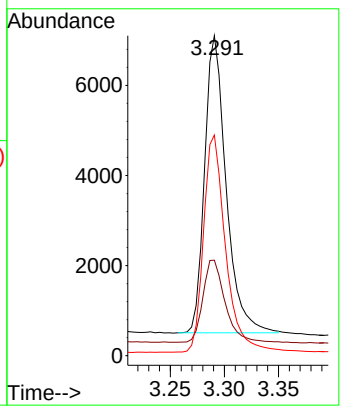


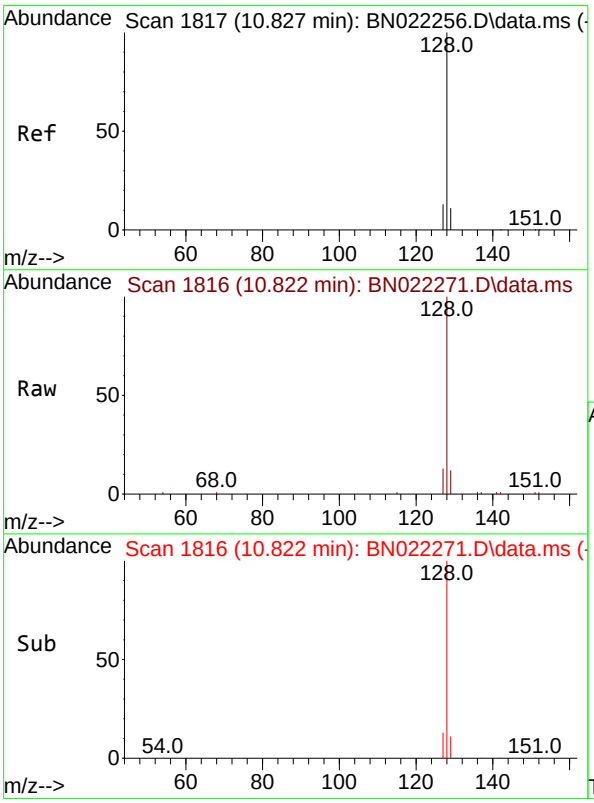
#2
1,4-Dioxane
Concen: 6829.099 ng/ul
RT: 3.291 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Instrument :
BNA_N
ClientSampleId :
SLCS372

Tgt Ion: 88 Resp: 9113

Ion	Ratio	Lower	Upper
88	100		
43	29.9	27.4	41.2
58	68.9	48.2	72.2

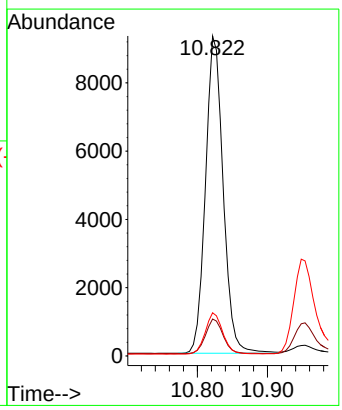


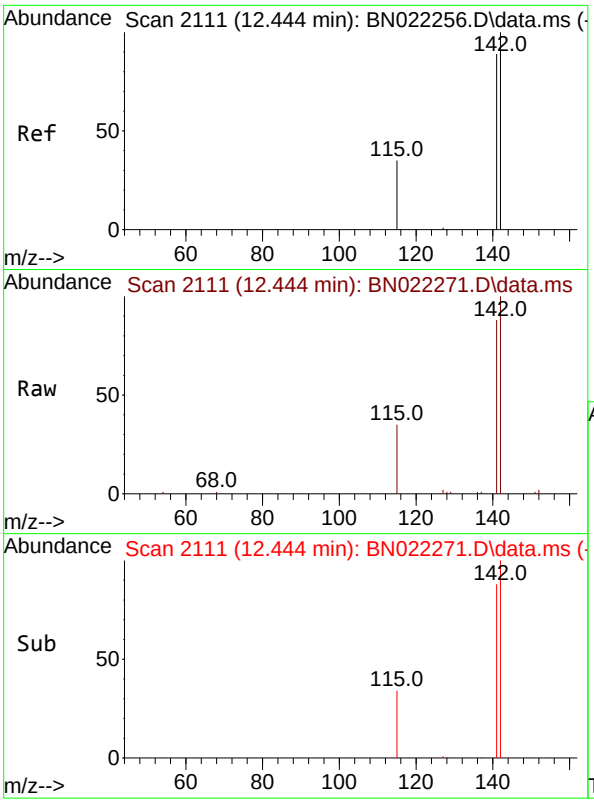


#5
Naphthalene
Concen: 393.888 ng/ul
RT: 10.822 min Scan# 1816
Delta R.T. -0.010 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Tgt Ion:128 Resp: 16290

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.3	13.9
127	13.5	10.7	16.1



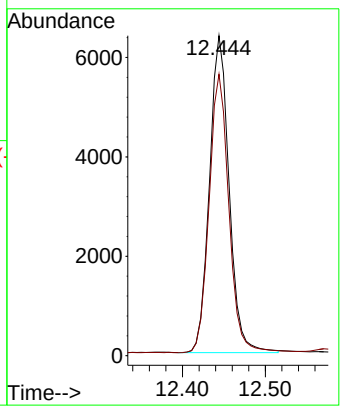


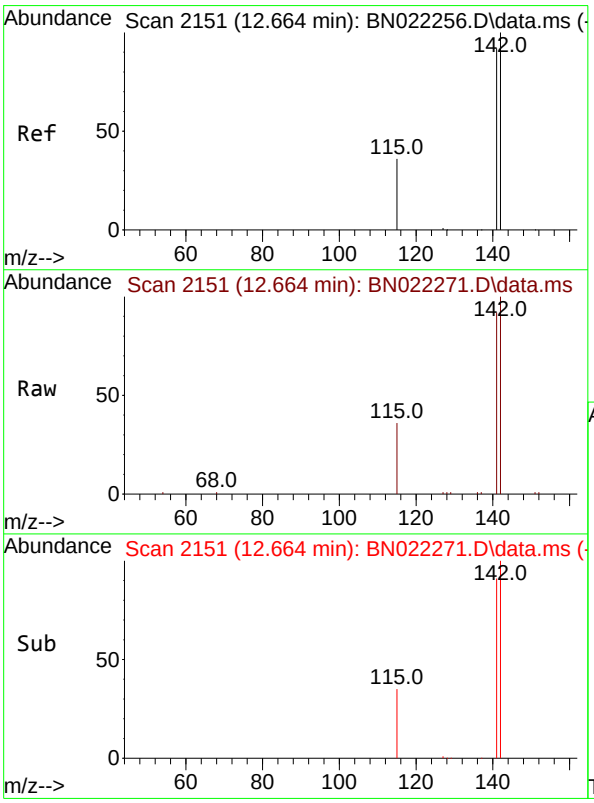
#7
2-Methylnaphthalene
Concen: 403.885 ng/ul
RT: 12.444 min Scan# 21
Delta R.T. -0.004 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Instrument :
BNA_N
ClientSampleId :
SLCS372

Tgt Ion:142 Resp: 10523

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.1	106.7

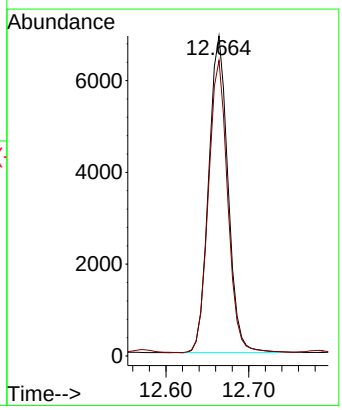


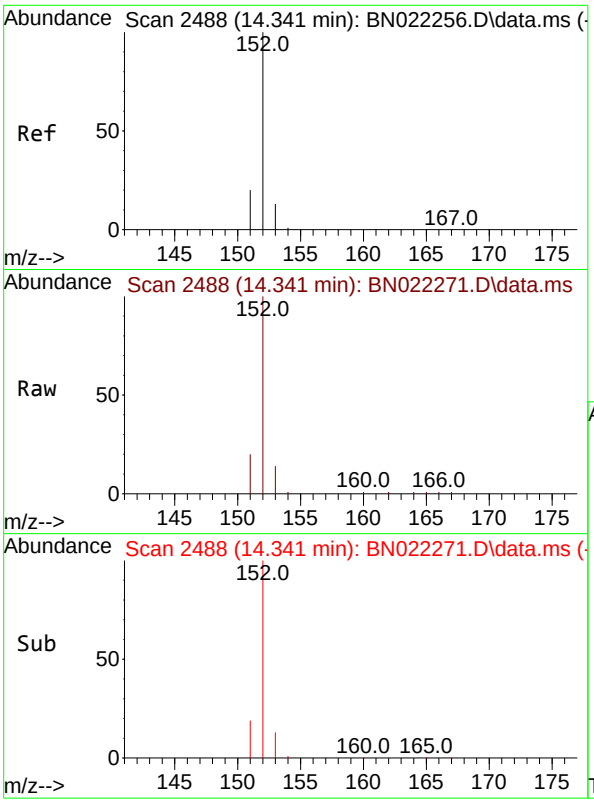


#8
1-Methylnaphthalene
Concen: 417.711 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Tgt Ion:142 Resp: 11197

Ion	Ratio	Lower	Upper
142	100		
141	91.9	73.3	109.9



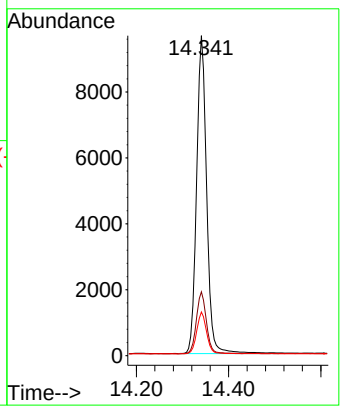


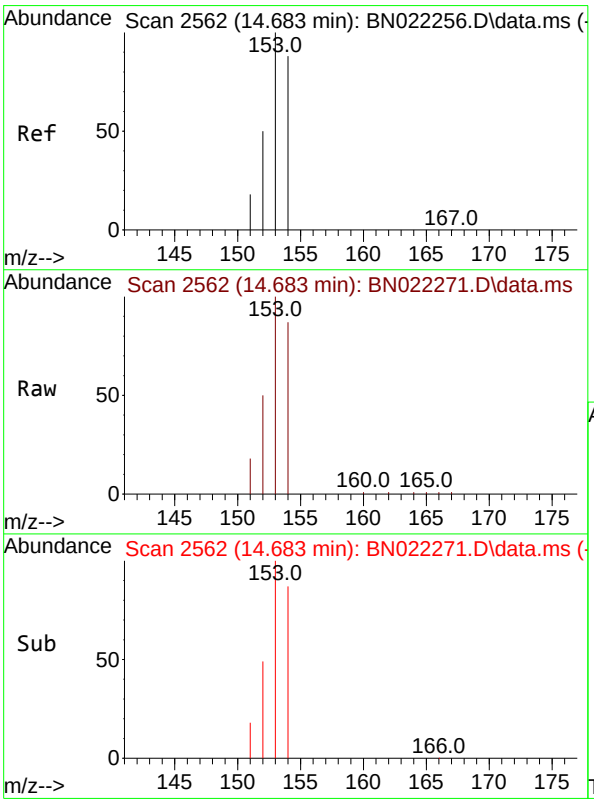
#10
Acenaphthylene
Concen: 543.575 ng/ul
RT: 14.341 min Scan# 24
Delta R.T. -0.008 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Instrument :
BNA_N
ClientSampleId :
SLCS372

Tgt Ion:152 Resp: 14641

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.9	23.9
153	13.6	10.8	16.2

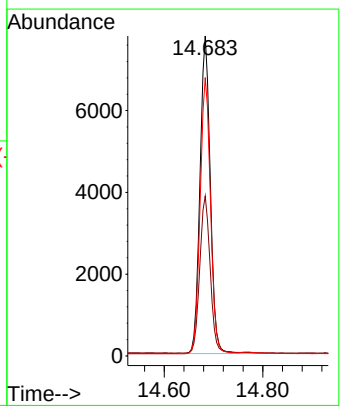


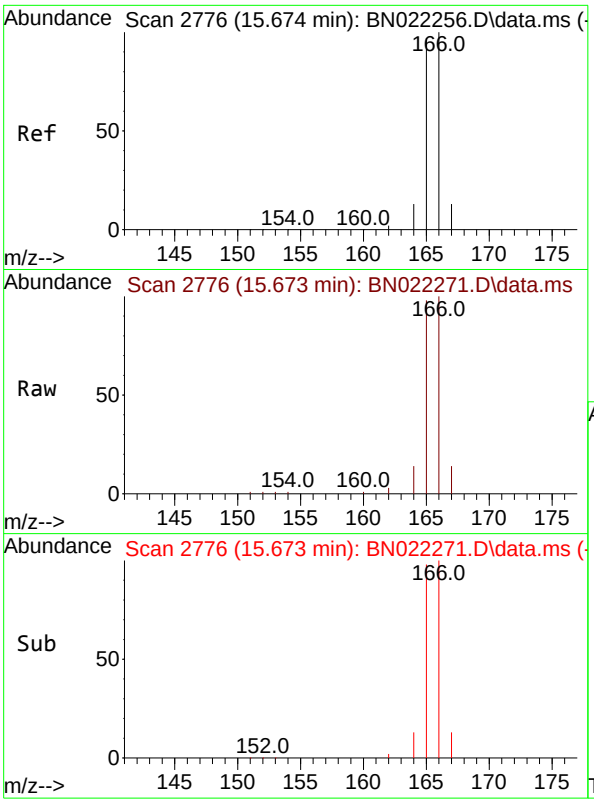


#11
Acenaphthene
Concen: 496.749 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.004 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Tgt Ion:153 Resp: 11285

Ion	Ratio	Lower	Upper
153	100		
152	50.0	40.6	61.0
154	87.0	70.6	106.0



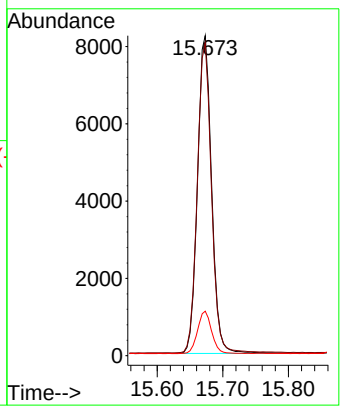


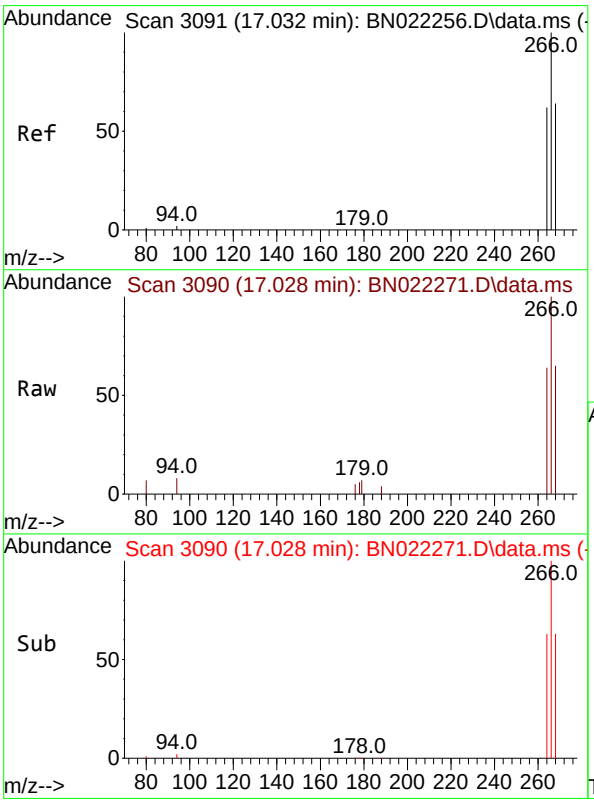
#12
Fluorene
Concen: 463.689 ng/ul
RT: 15.673 min Scan# 2
Delta R.T. -0.004 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Instrument :
BNA_N
ClientSampleId :
SLCS372

Tgt Ion:166 Resp: 12234

Ion	Ratio	Lower	Upper
166	100		
165	97.8	78.2	117.2
167	13.9	11.0	16.4

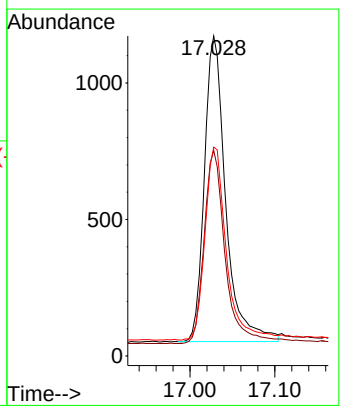


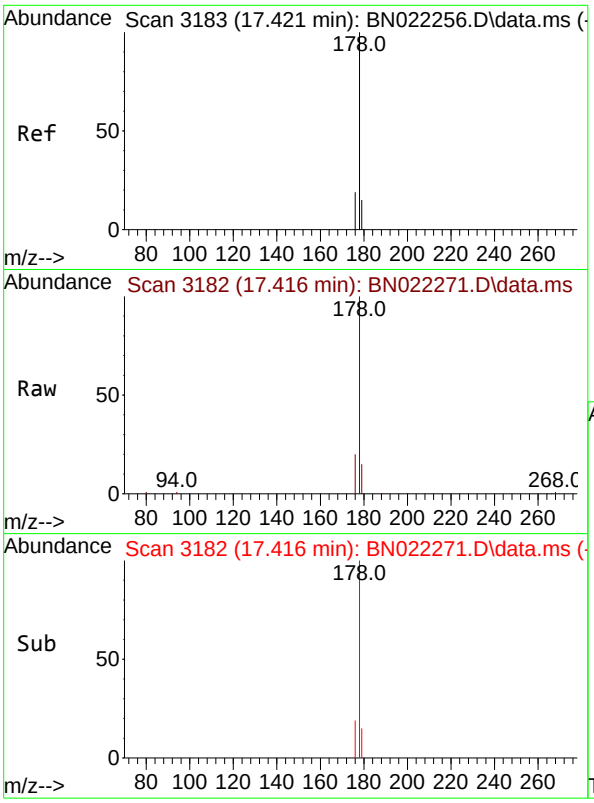


#14
Pentachlorophenol
Concen: 328.261 ng/ul
RT: 17.028 min Scan# 3090
Delta R.T. -0.003 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Tgt Ion:266 Resp: 1951

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.8	74.6
268	63.8	51.4	77.2



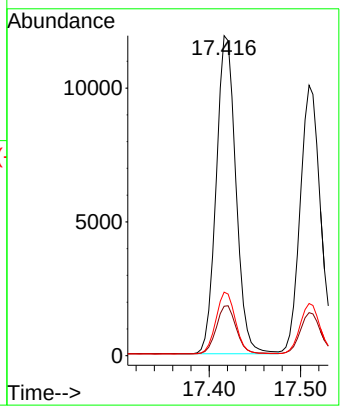


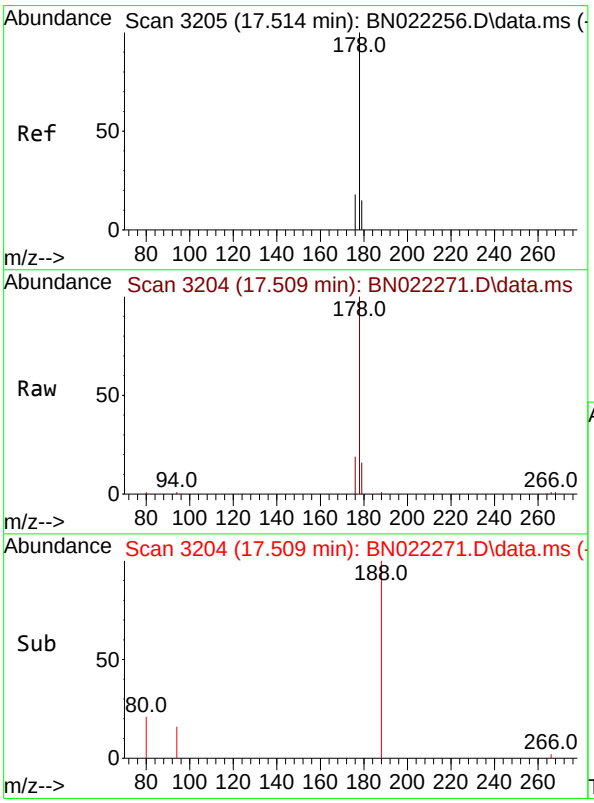
#15
Phenanthrene
Concen: 211.387 ng/ul
RT: 17.416 min Scan# 3
Delta R.T. -0.007 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Instrument :
BNA_N
ClientSampleId :
SLCS372

Tgt Ion:178 Resp: 17742

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.7	19.1
176	19.9	15.4	23.2

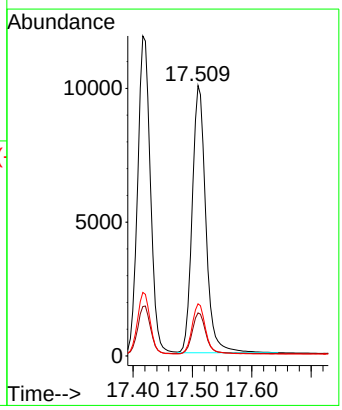


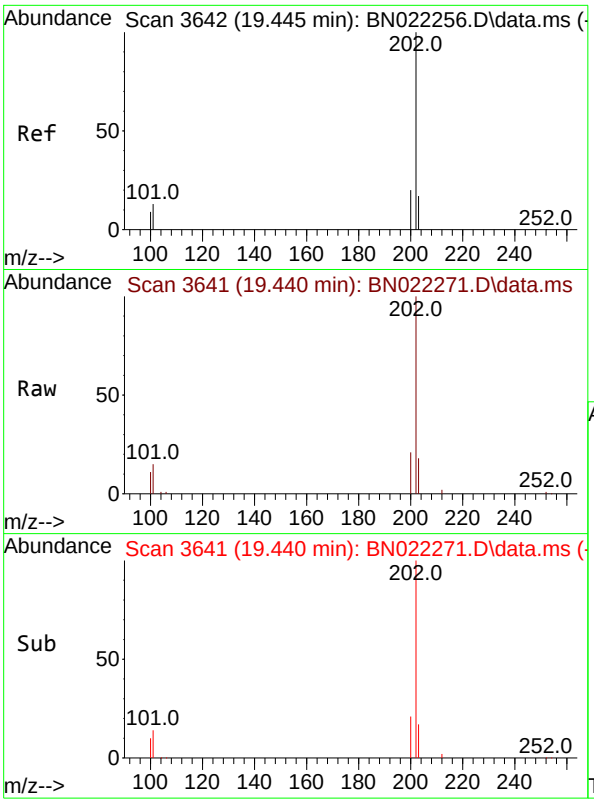


#16
Anthracene
Concen: 224.440 ng/ul
RT: 17.509 min Scan# 3204
Delta R.T. -0.007 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Tgt Ion:178 Resp: 15872

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.6	18.8
176	19.3	15.0	22.6



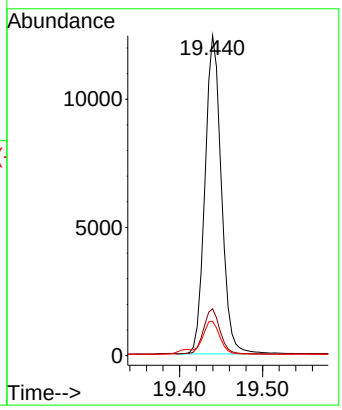


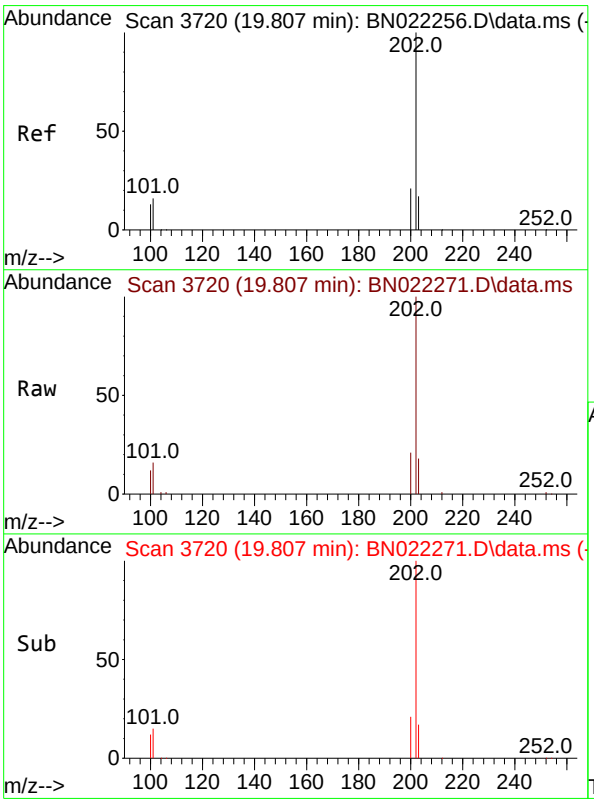
#19
Fluoranthene
Concen: 60.913 ng/ul
RT: 19.440 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Instrument :
BNA_N
ClientSampleId :
SLCS372

Tgt Ion:202 Resp: 17019

Ion	Ratio	Lower	Upper
202	100		
101	14.6	11.8	17.6
100	10.8	8.7	13.1

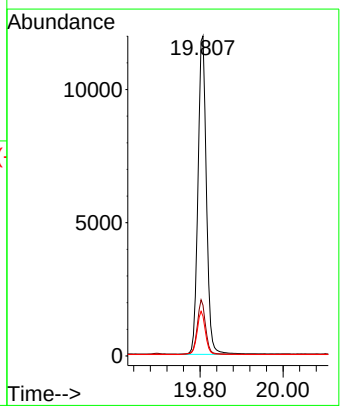


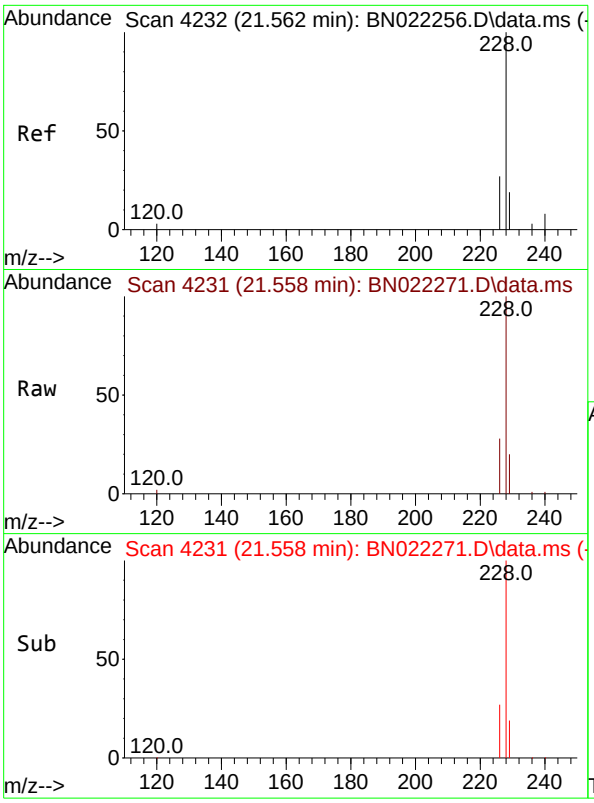


#20
Pyrene
Concen: 60.326 ng/ul
RT: 19.807 min Scan# 3720
Delta R.T. -0.004 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Tgt Ion:202 Resp: 16933

Ion	Ratio	Lower	Upper
202	100		
101	15.9	13.1	19.7
100	12.4	10.6	16.0



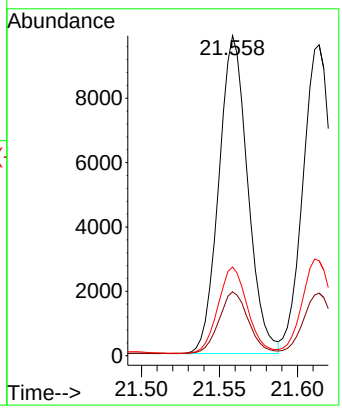


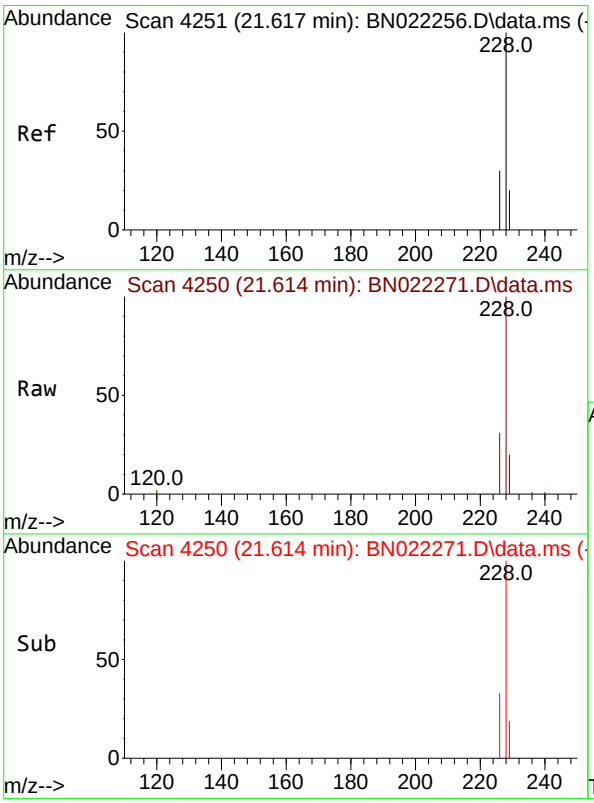
#21
Benzo(a)anthracene
Concen: 55.733 ng/ul
RT: 21.558 min Scan# 4
Delta R.T. -0.009 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Instrument :
BNA_N
ClientSampleId :
SLCS372

Tgt Ion:228 Resp: 12738

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.7	23.5
226	27.7	21.5	32.3

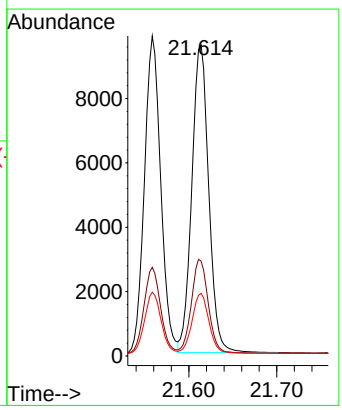


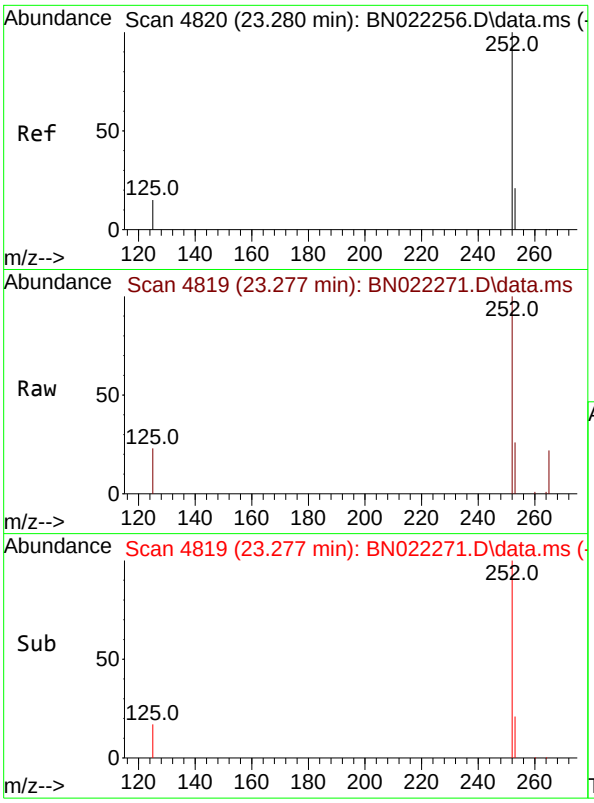


#22
Chrysene
Concen: 52.842 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Tgt Ion:228 Resp: 12801

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.9	35.9
229	20.1	15.9	23.9



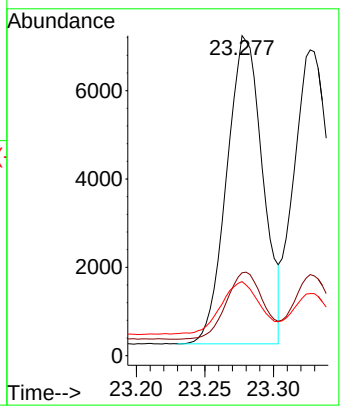


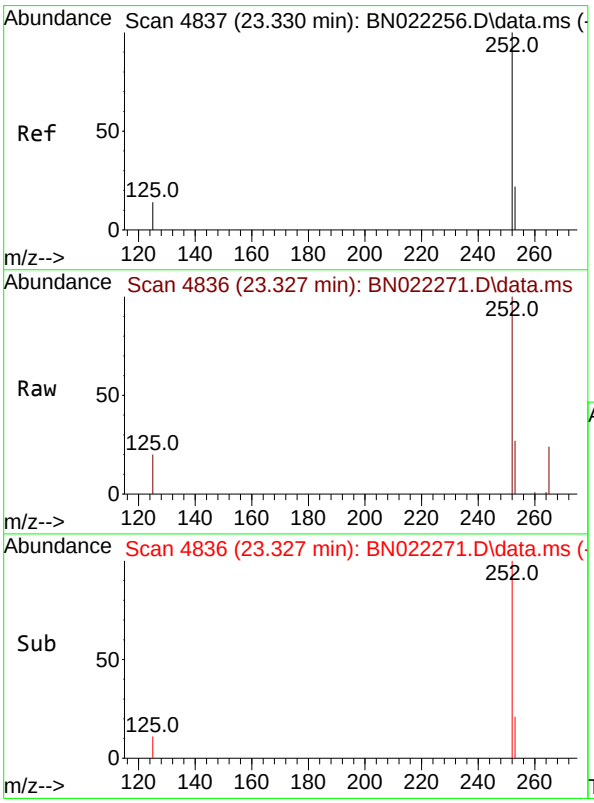
#24
Benzo(b)fluoranthene
Concen: 253.597 ng/ul
RT: 23.277 min Scan# 4
Delta R.T. -0.012 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Instrument :
BNA_N
ClientSampleId :
SLCS372

Tgt Ion:252 Resp: 12735

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	49.0
125	23.2	0.0	35.2

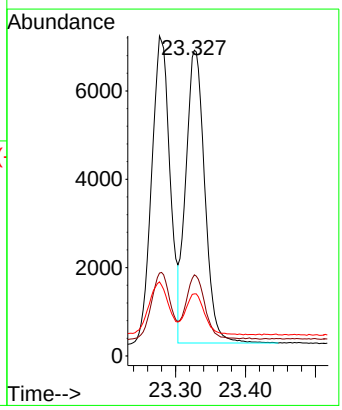


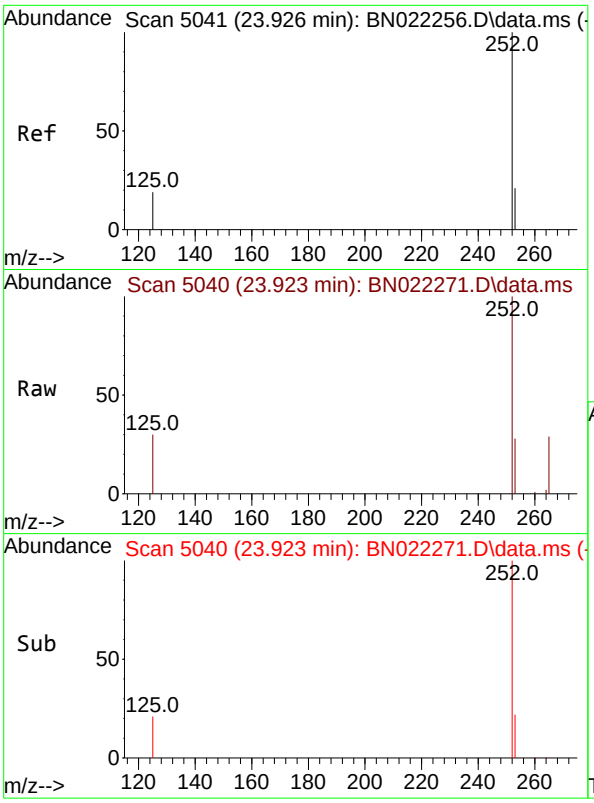


#25
Benzo(k)fluoranthene
Concen: 256.464 ng/ul
RT: 23.327 min Scan# 4836
Delta R.T. -0.012 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Tgt Ion:252 Resp: 12523

Ion	Ratio	Lower	Upper
252	100		
253	26.5	19.7	29.5
125	20.3	14.0	21.0



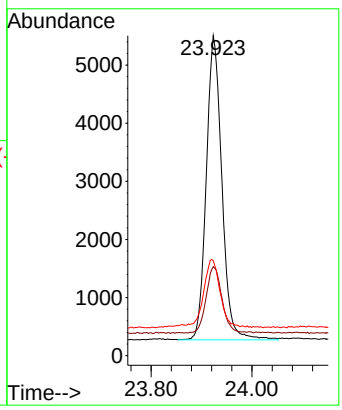


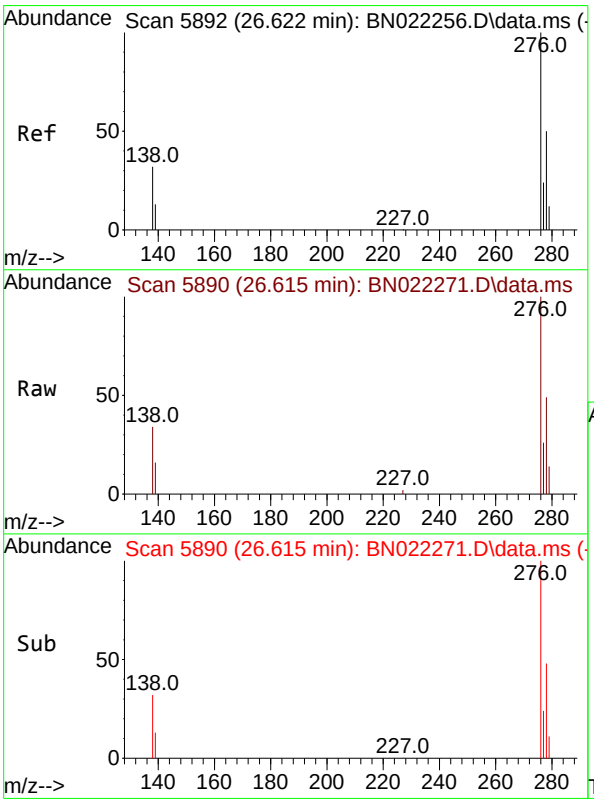
#26
Benzo(a)pyrene
Concen: 280.335 ng/ul
RT: 23.923 min Scan# 5
Delta R.T. -0.012 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Instrument :
BNA_N
ClientSampleId :
SLCS372

Tgt Ion:252 Resp: 11223

Ion	Ratio	Lower	Upper
252	100		
253	27.8	21.0	31.6
125	29.7	17.9	26.9#

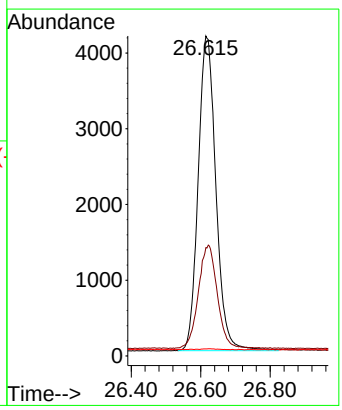


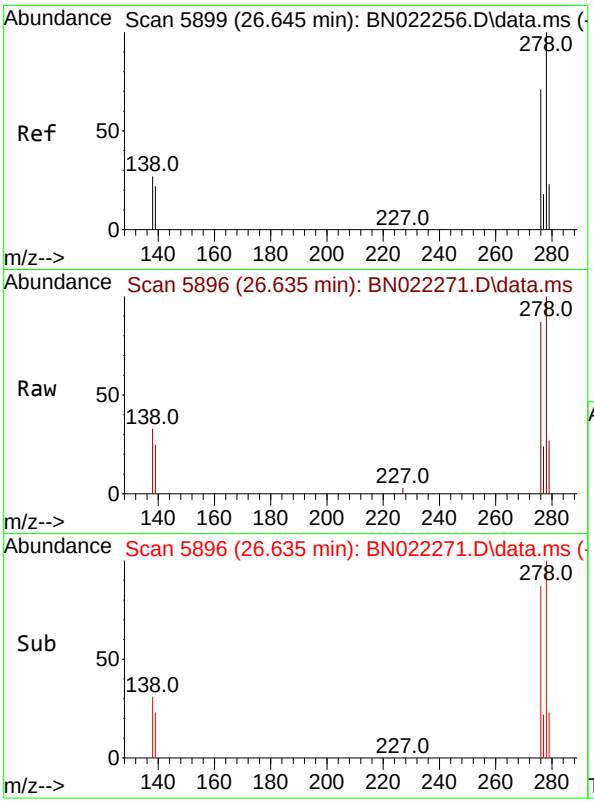


#27
Indeno(1,2,3-cd)pyrene
Concen: 295.535 ng/ul
RT: 26.615 min Scan# 5890
Delta R.T. -0.021 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Tgt Ion:276 Resp: 14708

Ion	Ratio	Lower	Upper
276	100		
138	35.1	27.7	41.5
227	0.2	0.2	0.2



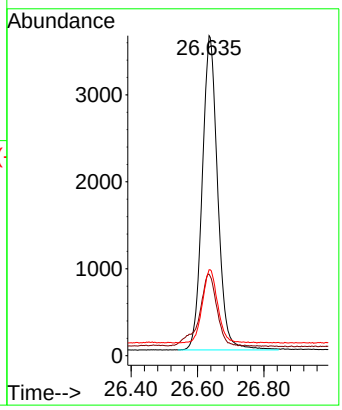


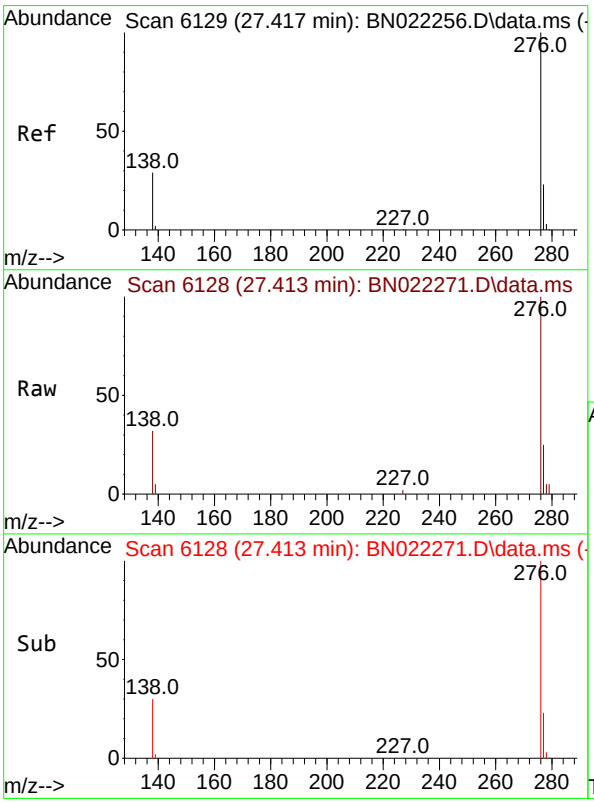
#28
Dibenzo(a,h)anthracene
Concen: 292.425 ng/ul
RT: 26.635 min Scan# 5
Delta R.T. -0.021 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Instrument :
BNA_N
ClientSampleId :
SLCS372

Tgt Ion:278 Resp: 11626

Ion	Ratio	Lower	Upper
278	100		
139	25.5	19.6	29.4
279	26.9	20.6	30.8





#29
Benzo(g,h,i)perylene
Concen: 299.563 ng/ul
RT: 27.413 min Scan# 6128
Delta R.T. -0.017 min
Lab File: BN022271.D
Acq: 22 Oct 2022 01:34

Tgt Ion:276 Resp: 12146

Ion	Ratio	Lower	Upper
276	100		
138	32.0	25.2	37.8
277	25.3	19.9	29.9