Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111222\
Data File : BN022621.D
Acq On : 11 Nov 2022 20:49
Operator : CG/JU
Sample : PB148941BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS941

Quant Time: Nov 11 22:27:53 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 : Fri Nov 11 22:23:04 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.898	152	1865	0.400	ng/ul	0.00
4) Naphthalene-d8	10.723	136	5907	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.577	164	3351	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.336	188	6553	0.400	ng/ul	0.00
17) Chrysene-d12	21.544	240	5412	0.400	ng/ul	0.00
23) Perylene-d12	23.985	264	4562	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	1790	0.739	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.323	152	3316	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.375	212	6283	0.346	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.244	88	4934	1.983	ng/ul	89
5) Naphthalene	10.772	128	5868	0.336	ng/ul	98
7) 2-Methylnaphthalene	12.400	142	3718	0.338	ng/ul	100
8) 1-Methylnaphthalene	12.614	142	3918	0.346	ng/ul	100
10) Acenaphthylene	14.299	152	4997	0.332	ng/ul	98
11) Acenaphthene	14.642	153	4047	0.319	ng/ul	99
12) Fluorene	15.632	166	4518	0.307	ng/ul	96
14) Pentachlorophenol	16.994	266	957	0.614	ng/ul	99
15) Phenanthrene	17.378	178	7038	0.320	ng/ul	98
16) Anthracene	17.471	178	6005	0.324	ng/ul	96
19) Fluoranthene	19.407	202	7685	0.310	ng/ul	97
20) Pyrene	19.770	202	7718	0.310	ng/ul	99
21) Benzo(a)anthracene	21.529	228	6672	0.329	ng/ul	97
22) Chrysene	21.579	228	7243	0.337	ng/ul	98
24) Benzo(b)fluoranthene	23.233	252	7060	0.308	ng/ul	93
25) Benzo(k)fluoranthene	23.283	252	6777	0.304	ng/ul#	91
26) Benzo(a)pyrene	23.874	252	6532	0.358	ng/ul	93
27) Indeno(1,2,3-cd)pyrene	26.544	276	7161	0.315	ng/ul#	92
28) Dibenzo(a,h)anthracene	26.565	278	5953	0.328	ng/ul#	94
29) Benzo(g,h,i)perylene	27.336	276	6173	0.334	ng/ul	95

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

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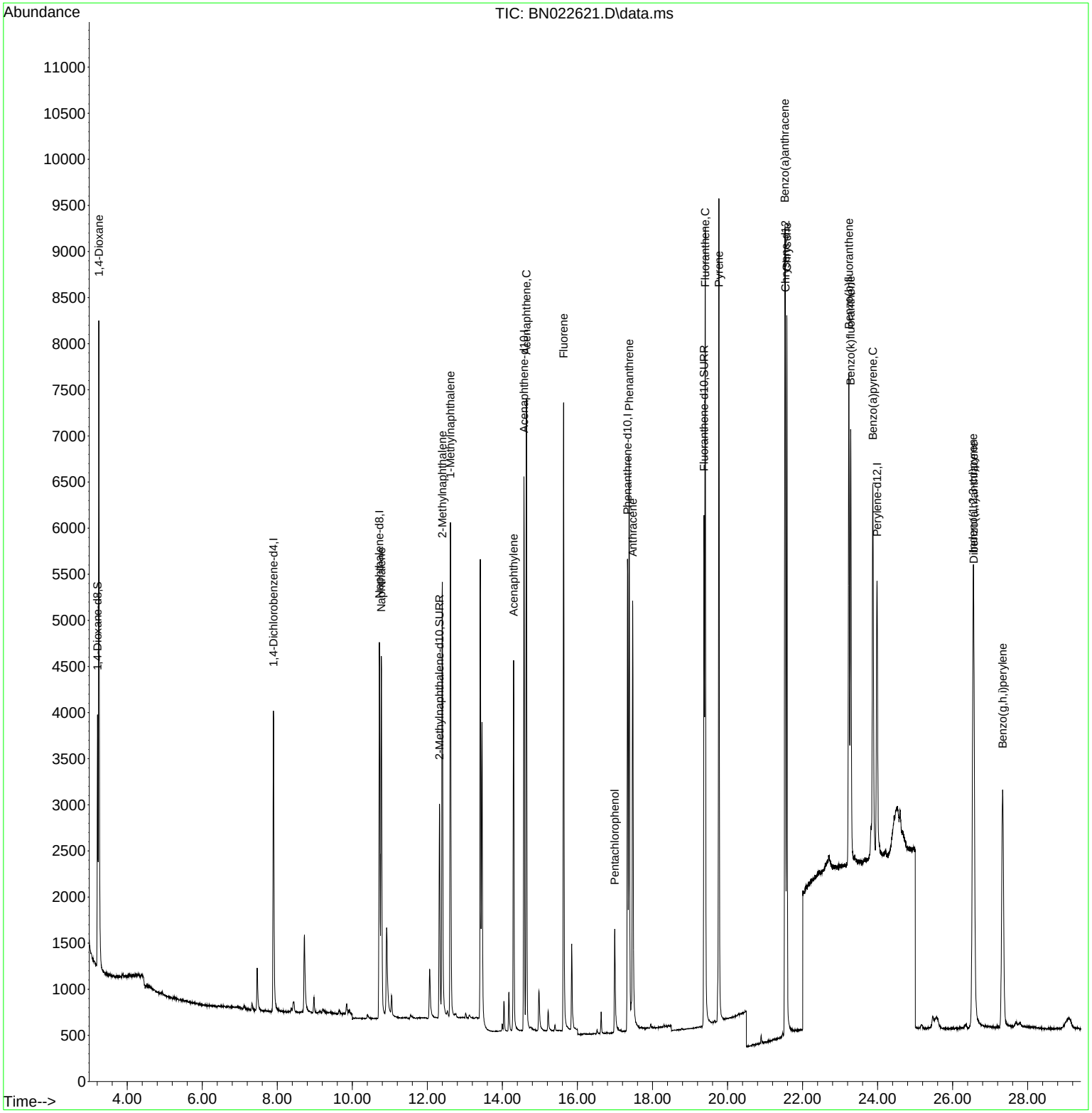
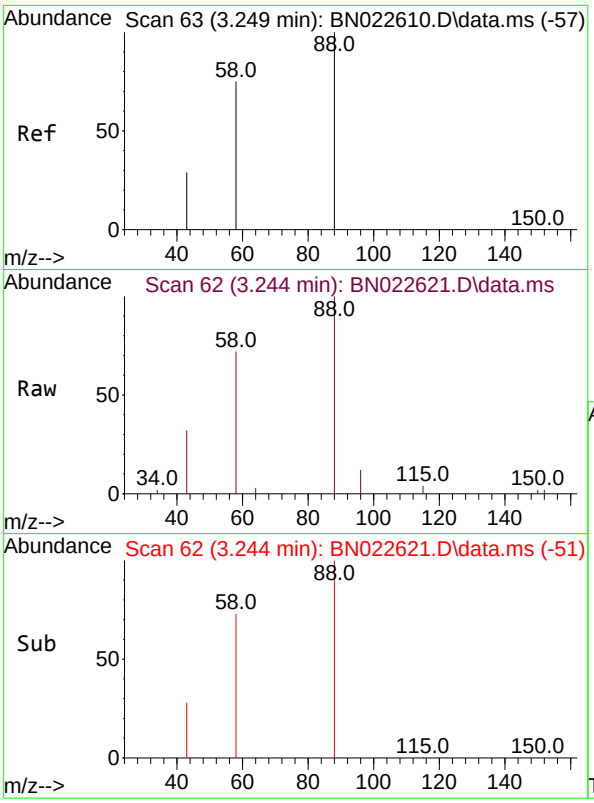


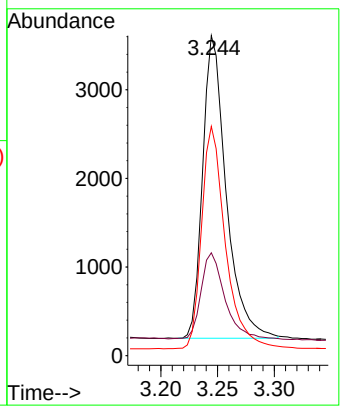


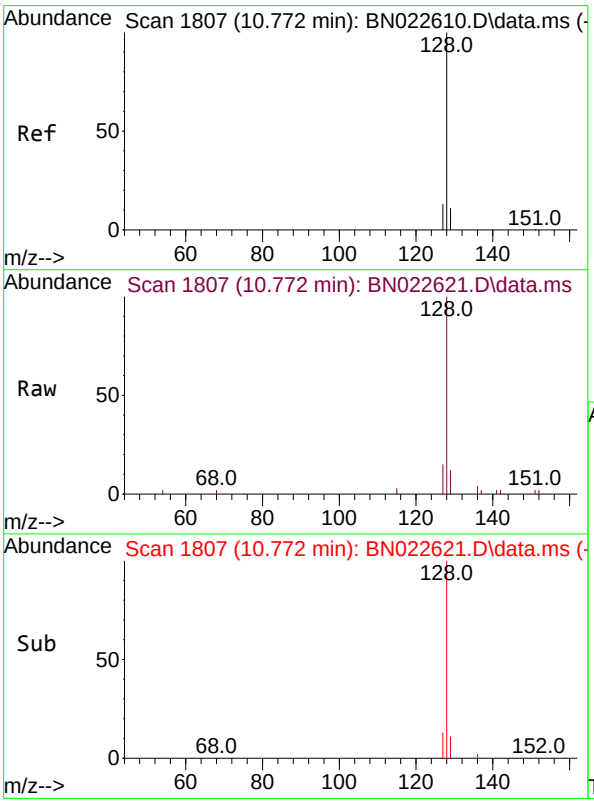
#2
1,4-Dioxane
Concen: 1.983 ng/ul
RT: 3.244 min Scan# 6
Delta R.T. -0.004 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Instrument :
BNA_N
ClientSampleId :
SLCS941

Tgt Ion: 88 Resp: 4934

Ion	Ratio	Lower	Upper
88	100		
43	32.1	27.4	41.2
58	71.6	48.2	72.2

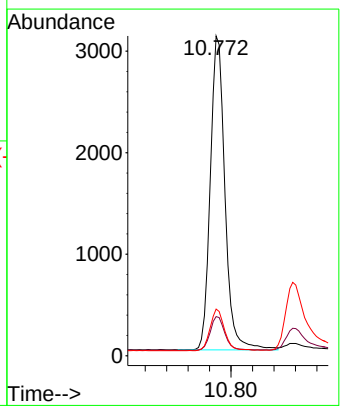


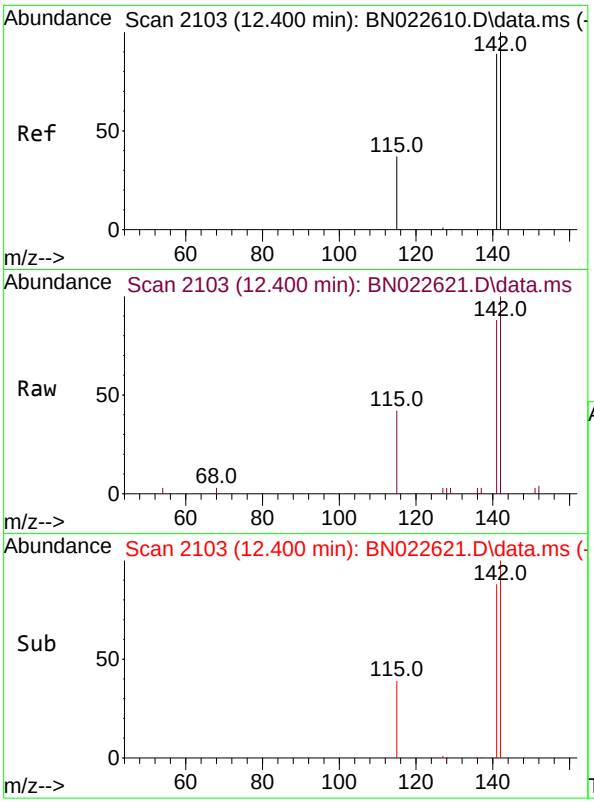


#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.772 min Scan# 1807
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:128 Resp: 5868

Ion	Ratio	Lower	Upper
128	100		
129	12.3	9.3	13.9
127	14.6	10.7	16.1



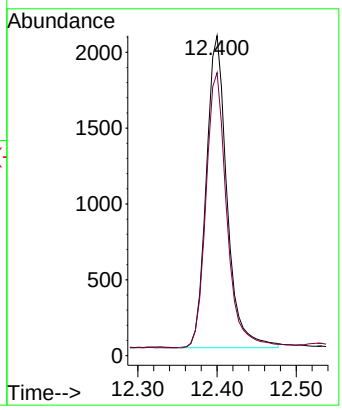


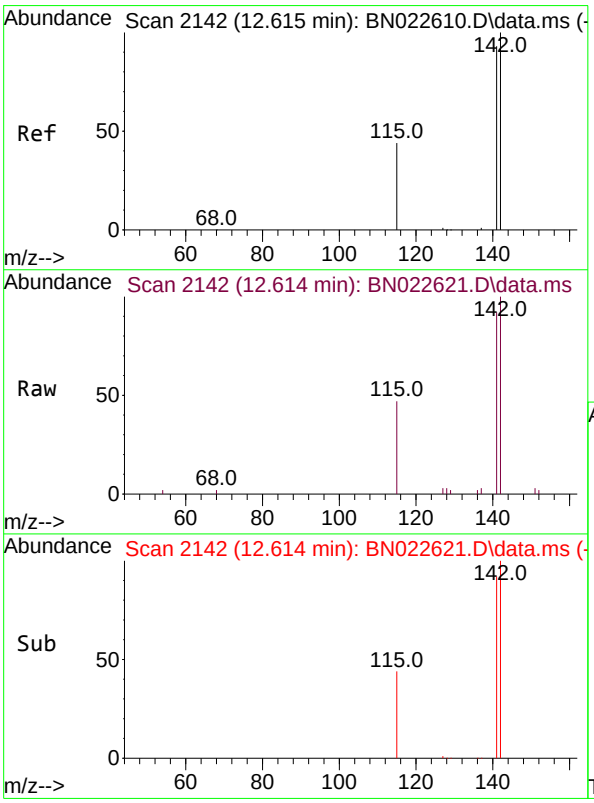
#7
2-Methylnaphthalene
Concen: 0.338 ng/ul
RT: 12.400 min Scan# 21
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Instrument :
BNA_N
ClientSampleId :
SLCS941

Tgt Ion:142 Resp: 3718

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.1	106.7

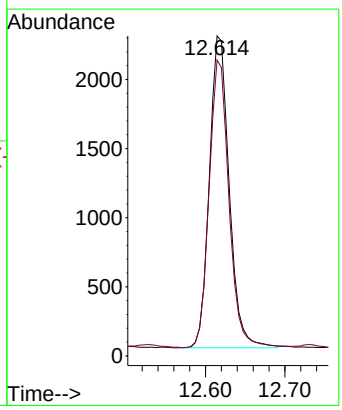


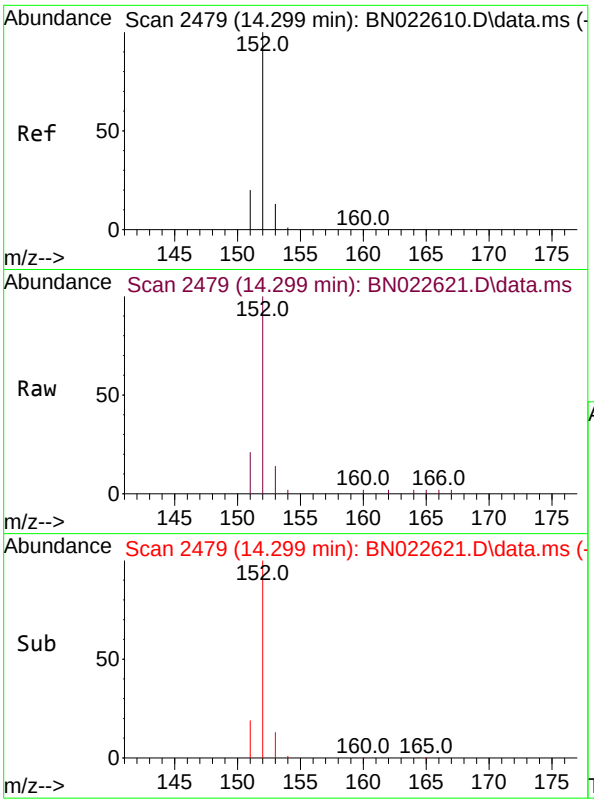


#8
1-Methylnaphthalene
Concen: 0.346 ng/ul
RT: 12.614 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:142 Resp: 3918

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.3	109.9



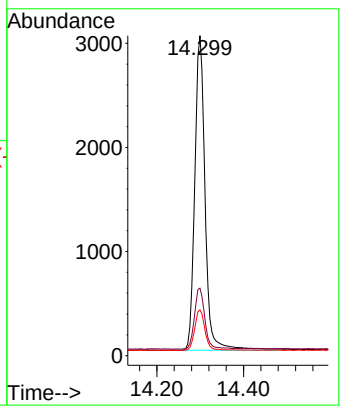


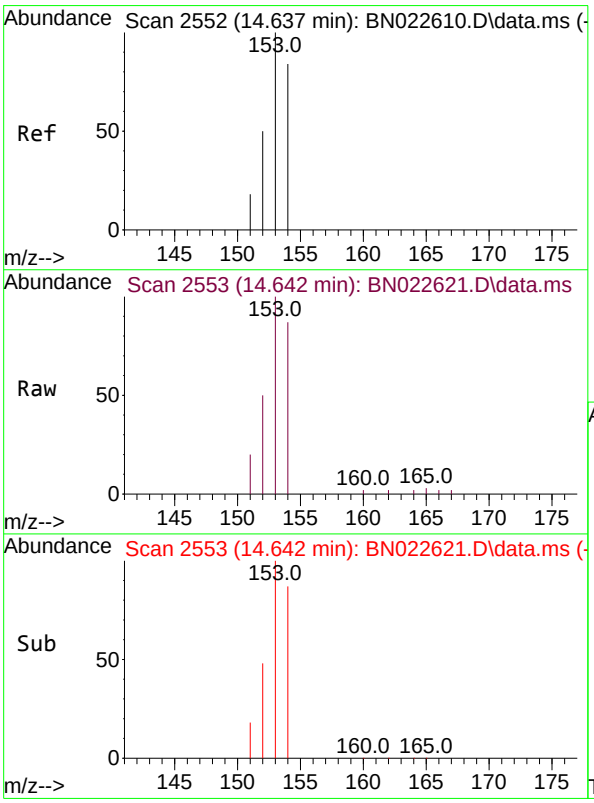
#10
Acenaphthylene
Concen: 0.332 ng/ul
RT: 14.299 min Scan# 24
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Instrument :
BNA_N
ClientSampleId :
SLCS941

Tgt Ion:152 Resp: 4997

Ion	Ratio	Lower	Upper
152	100		
151	21.1	15.9	23.9
153	14.3	10.8	16.2

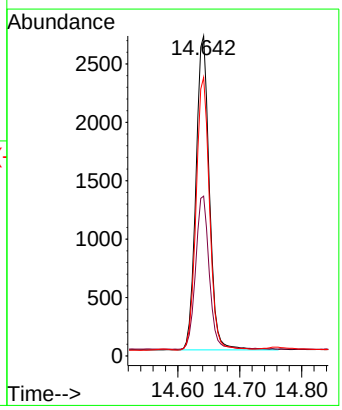


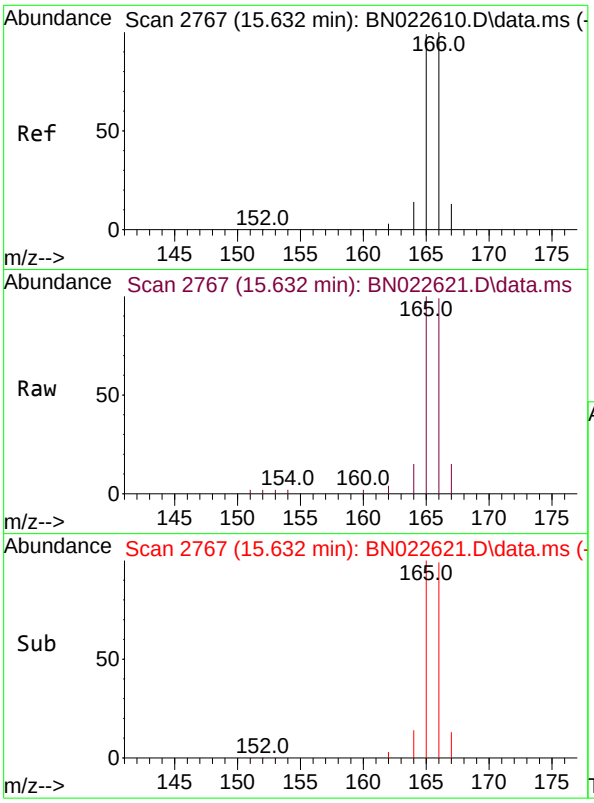


#11
Acenaphthene
Concen: 0.319 ng/ul
RT: 14.642 min Scan# 2553
Delta R.T. 0.005 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:153 Resp: 4047

Ion	Ratio	Lower	Upper
153	100		
152	49.9	40.6	61.0
154	87.0	70.6	106.0



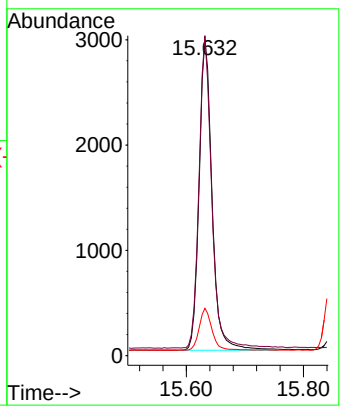


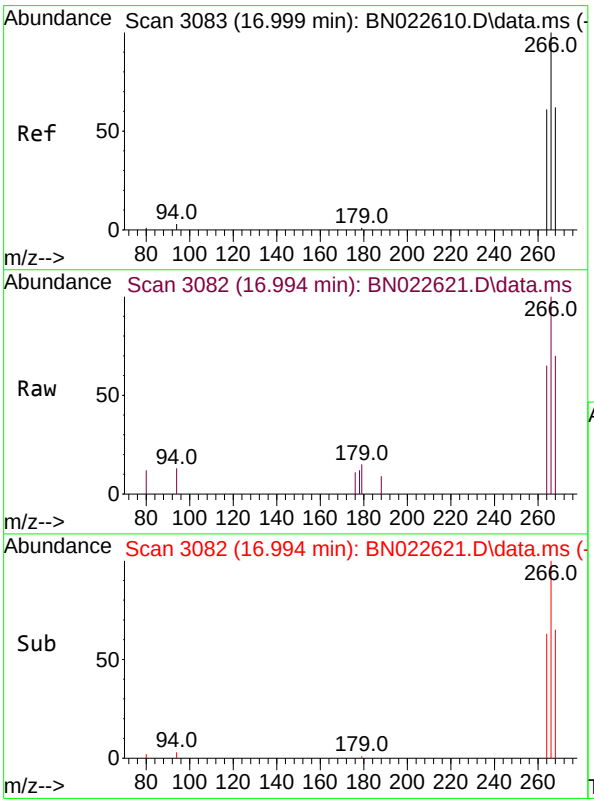
#12
Fluorene
Concen: 0.307 ng/ul
RT: 15.632 min Scan# 2
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Instrument :
BNA_N
ClientSampleId :
SLCS941

Tgt Ion:166 Resp: 4518

Ion	Ratio	Lower	Upper
166	100		
165	101.2	78.2	117.2
167	15.0	11.0	16.4

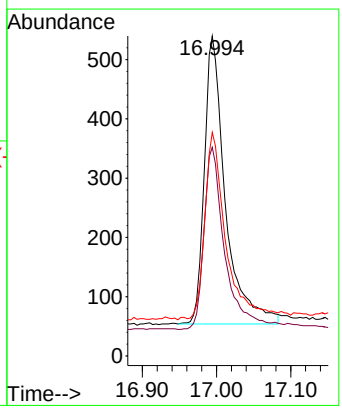


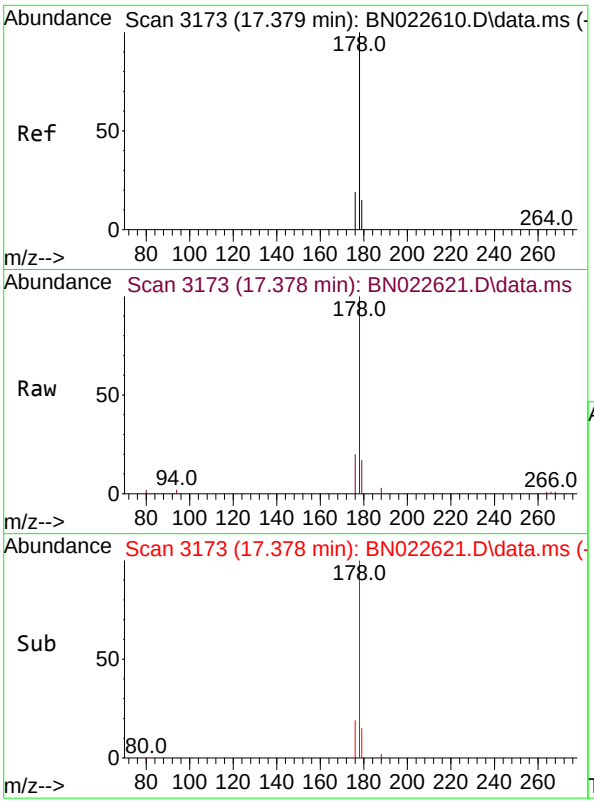


#14
Pentachlorophenol
Concen: 0.614 ng/ul
RT: 16.994 min Scan# 3082
Delta R.T. -0.004 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:266 Resp: 957

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.8	74.6
268	65.4	51.4	77.2



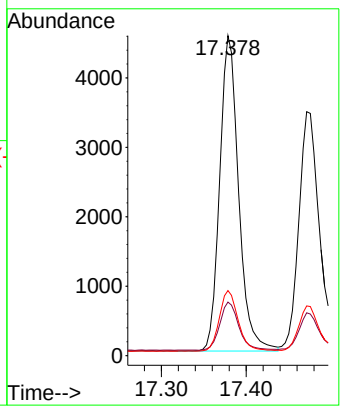


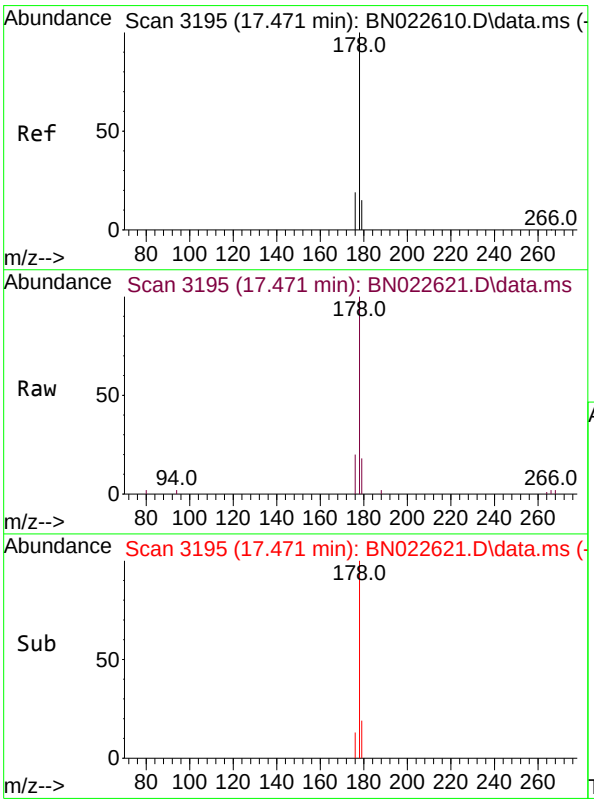
#15
Phenanthrene
Concen: 0.320 ng/ul
RT: 17.378 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Instrument :
BNA_N
ClientSampleId :
SLCS941

Tgt Ion:178 Resp: 7038

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.7	19.1
176	20.3	15.4	23.2

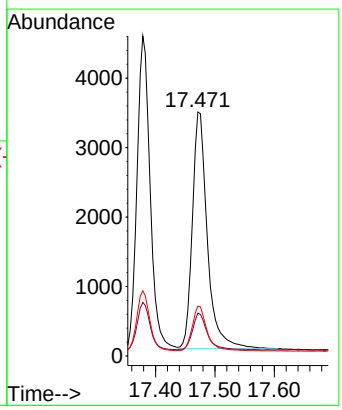


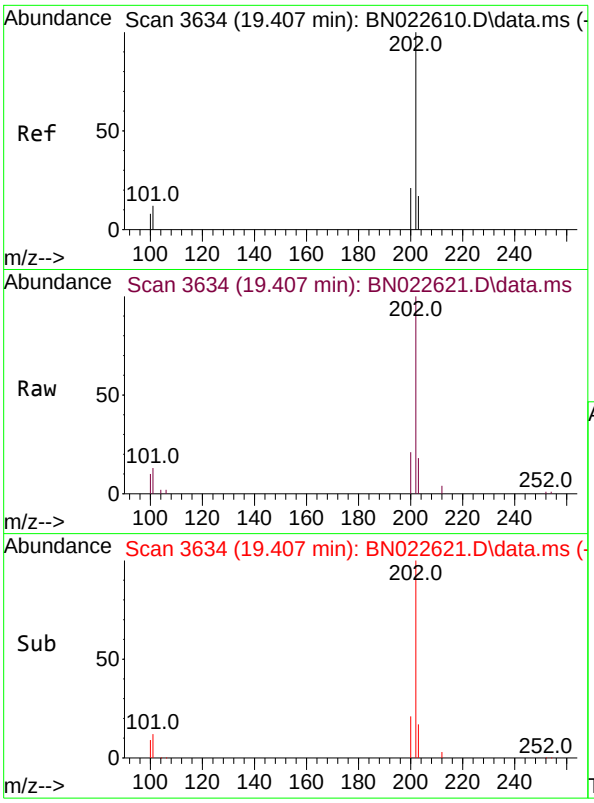


#16
Anthracene
Concen: 0.324 ng/ul
RT: 17.471 min Scan# 3195
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:178 Resp: 6005

Ion	Ratio	Lower	Upper
178	100		
179	17.5	12.6	18.8
176	20.4	15.0	22.6



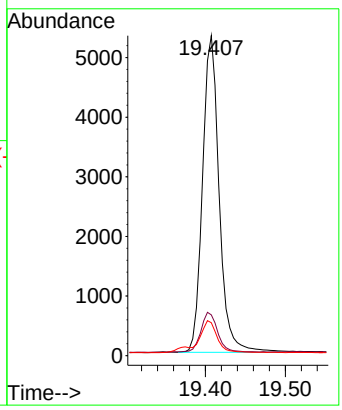


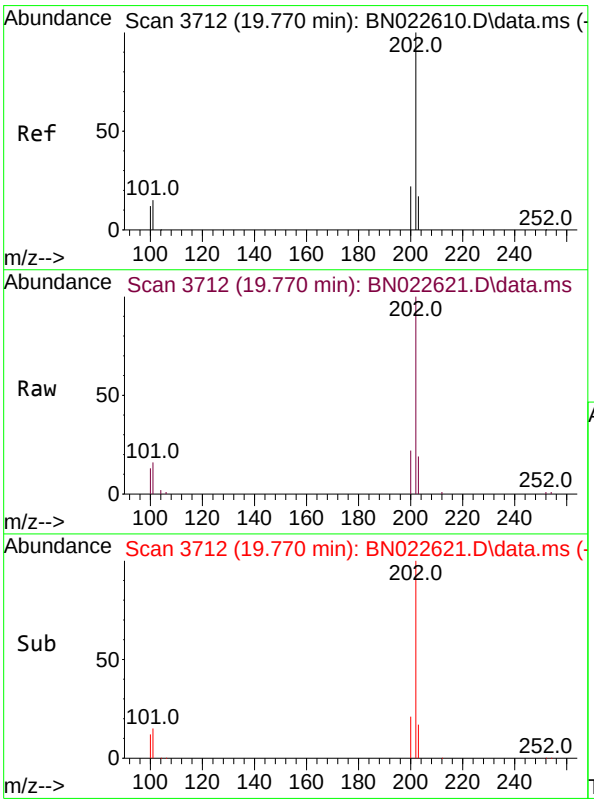
#19
Fluoranthene
Concen: 0.310 ng/ul
RT: 19.407 min Scan# 3
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Instrument :
BNA_N
ClientSampleId :
SLCS941

Tgt Ion:202 Resp: 7685

Ion	Ratio	Lower	Upper
202	100		
101	12.7	11.8	17.6
100	10.3	8.7	13.1

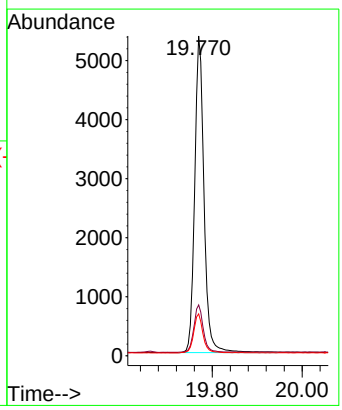


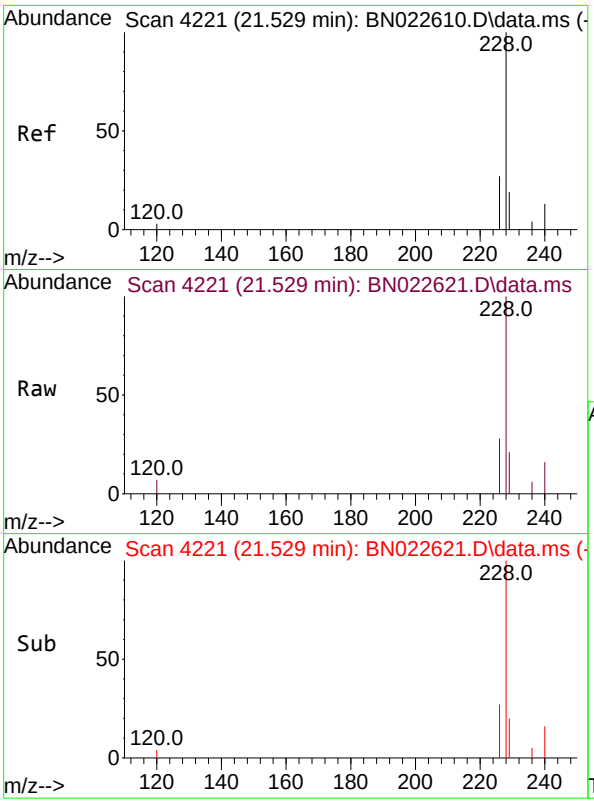


#20
Pyrene
Concen: 0.310 ng/ul
RT: 19.770 min Scan# 3712
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:202 Resp: 7718

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



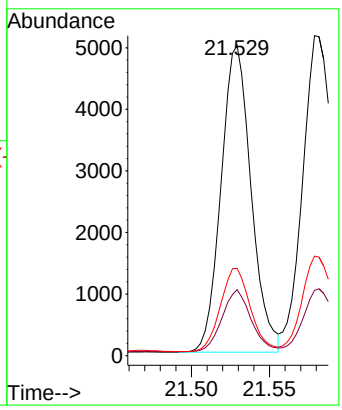


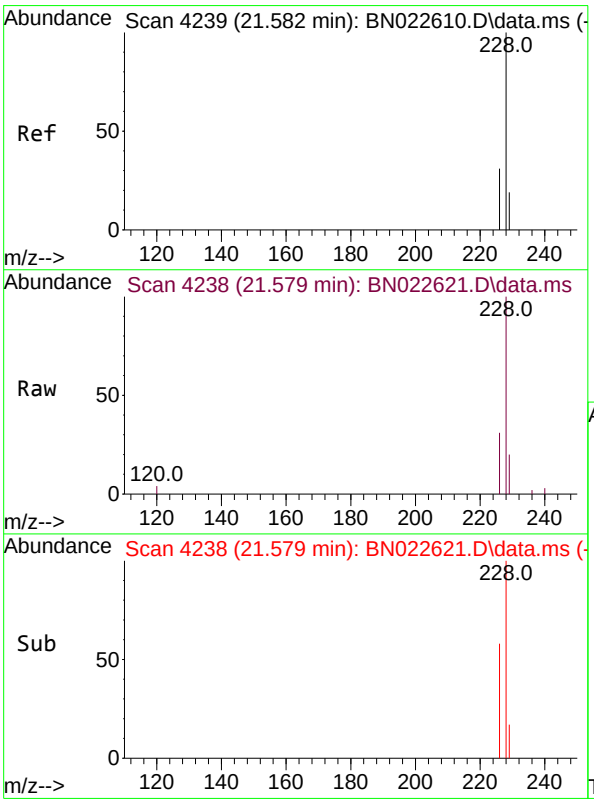
#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.529 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Instrument :
BNA_N
ClientSampleId :
SLCS941

Tgt Ion:228 Resp: 6672

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	28.1	21.5	32.3

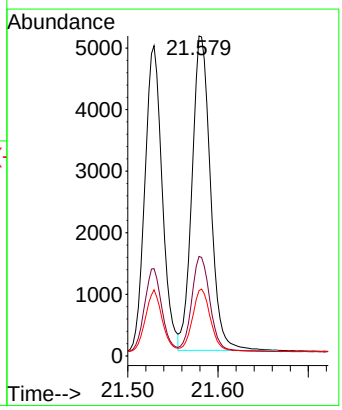


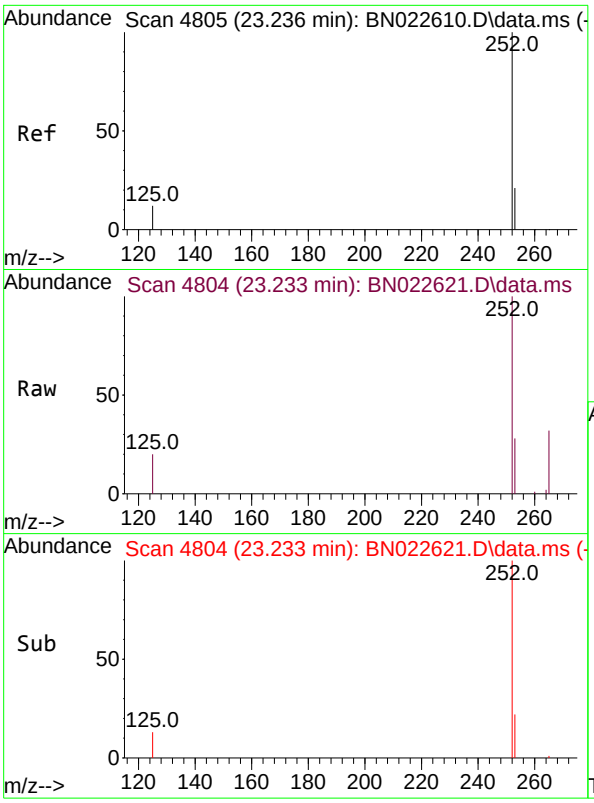


#22
Chrysene
Concen: 0.337 ng/ul
RT: 21.579 min Scan# 4238
Delta R.T. -0.003 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:228 Resp: 7243

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.9	35.9
229	20.4	15.9	23.9



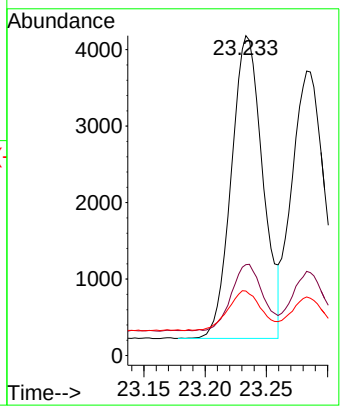


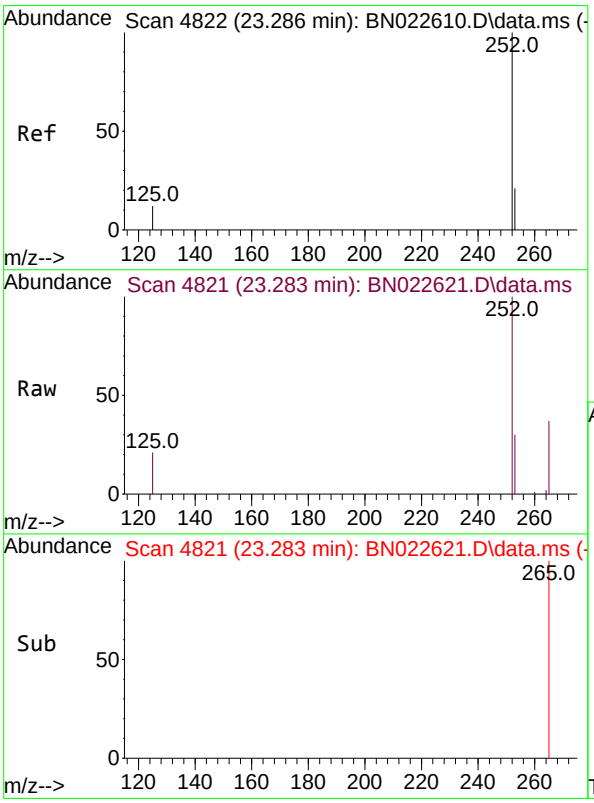
#24
Benzo(b)fluoranthene
Concen: 0.308 ng/ul
RT: 23.233 min Scan# 48
Delta R.T. -0.003 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Instrument :
BNA_N
ClientSampleId :
SLCS941

Tgt Ion:252 Resp: 7060

Ion	Ratio	Lower	Upper
252	100		
253	28.4	0.0	49.0
125	20.1	0.0	35.2

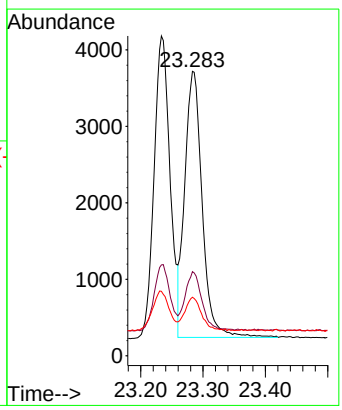


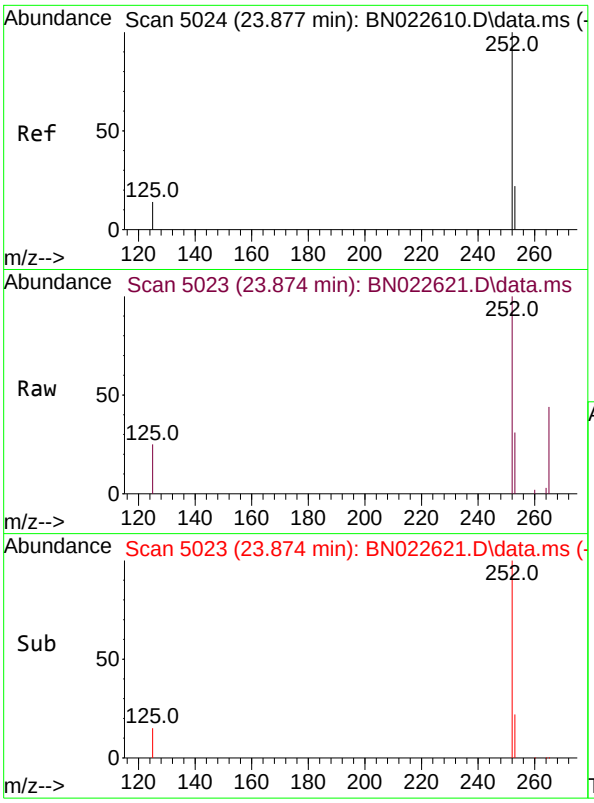


#25
Benzo(k)fluoranthene
Concen: 0.304 ng/ul
RT: 23.283 min Scan# 4821
Delta R.T. -0.003 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:252 Resp: 6777

Ion	Ratio	Lower	Upper
252	100		
253	29.6	19.7	29.5#
125	20.6	14.0	21.0



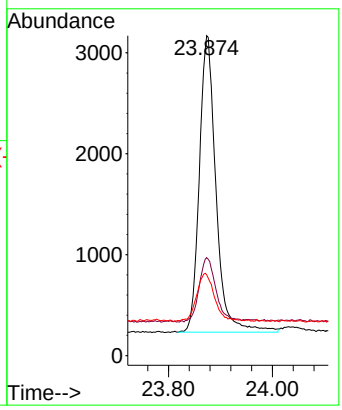


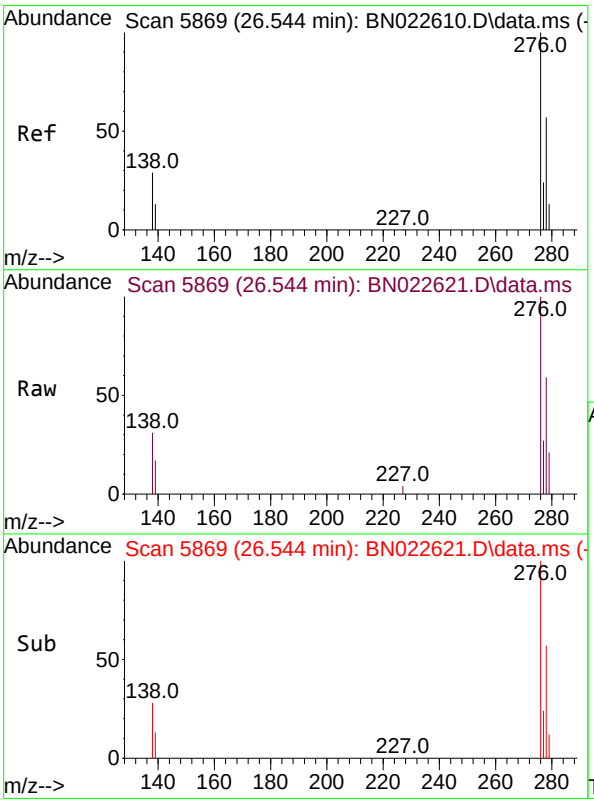
#26
Benzo(a)pyrene
Concen: 0.358 ng/ul
RT: 23.874 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Instrument :
BNA_N
ClientSampleId :
SLCS941

Tgt Ion:252 Resp: 6532

Ion	Ratio	Lower	Upper
252	100		
253	30.7	21.0	31.6
125	25.2	17.9	26.9

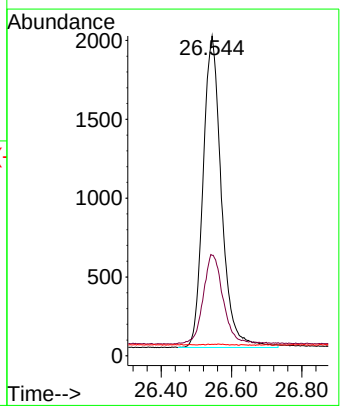


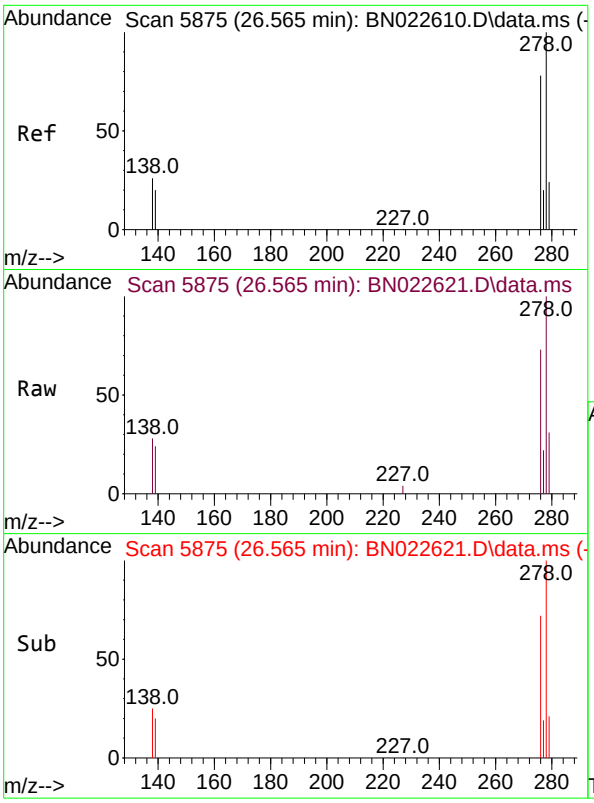


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.315 ng/ul
RT: 26.544 min Scan# 5869
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:276 Resp: 7161

Ion	Ratio	Lower	Upper
276	100		
138	30.0	27.7	41.5
227	0.0	0.2	0.2#



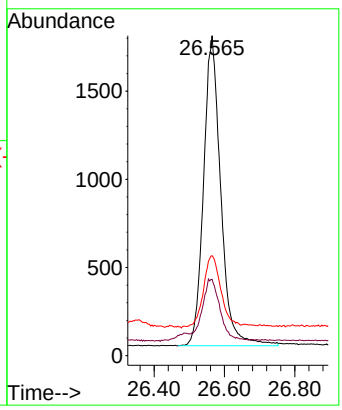


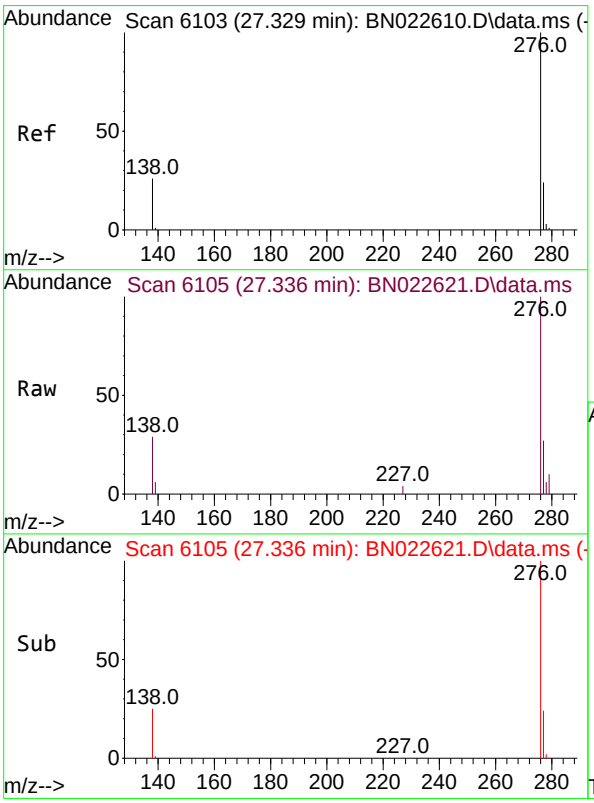
#28
Dibenzo(a,h)anthracene
Concen: 0.328 ng/ul
RT: 26.565 min Scan# 58
Delta R.T. -0.000 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Instrument :
BNA_N
ClientSampleId :
SLCS941

Tgt Ion:278 Resp: 5953

Ion	Ratio	Lower	Upper
278	100		
139	23.9	19.6	29.4
279	31.2	20.6	30.8#





#29
Benzo(g,h,i)perylene
Concen: 0.334 ng/ul
RT: 27.336 min Scan# 6105
Delta R.T. 0.007 min
Lab File: BN022621.D
Acq: 11 Nov 2022 20:49

Tgt Ion:276 Resp: 6173

Ion	Ratio	Lower	Upper
276	100		
138	28.9	25.2	37.8
277	27.0	19.9	29.9