Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022243.D
Acq On : 20 Oct 2022 20:59
Operator : CG/JU
Sample : PB148280BS
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS280

Quant Time: Oct 21 01:52:51 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	7.949	152	4214	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	14462	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	8334	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.378	188	16599	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	11164	0.400	ng/ul	0.00
23) Perylene-d12	24.037	264	7879	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	3474	0.634	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	7746	0.354	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	14332	0.382	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.291	88	8988	1.598	ng/ul	89
5) Naphthalene	10.827	128	14795	0.346	ng/ul	100
7) 2-Methylnaphthalene	12.450	142	9343	0.347	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	10108	0.365	ng/ul	100
10) Acenaphthylene	14.341	152	12831	0.343	ng/ul	99
11) Acenaphthene	14.683	153	10509	0.333	ng/ul	99
12) Fluorene	15.673	166	11587	0.316	ng/ul	99
14) Pentachlorophenol	17.032	266	839	0.213	ng/ul	99
15) Phenanthrene	17.421	178	18572	0.333	ng/ul	100
16) Anthracene	17.514	178	15766	0.336	ng/ul	99
19) Fluoranthene	19.440	202	19334	0.378	ng/ul	99
20) Pyrene	19.807	202	19336	0.376	ng/ul	99
21) Benzo(a)anthracene	21.561	228	14721	0.352	ng/ul	99
22) Chrysene	21.614	228	15336	0.346	ng/ul	99
24) Benzo(b)fluoranthene	23.280	252	13613	0.344	ng/ul	94
25) Benzo(k)fluoranthene	23.330	252	13048	0.339	ng/ul	96
26) Benzo(a)pyrene	23.929	252	11080	0.351	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.618	276	12897	0.329	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.642	278	10201	0.326	ng/ul	98
29) Benzo(g,h,i)perylene	27.416	276	10476	0.328	ng/ul	99

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
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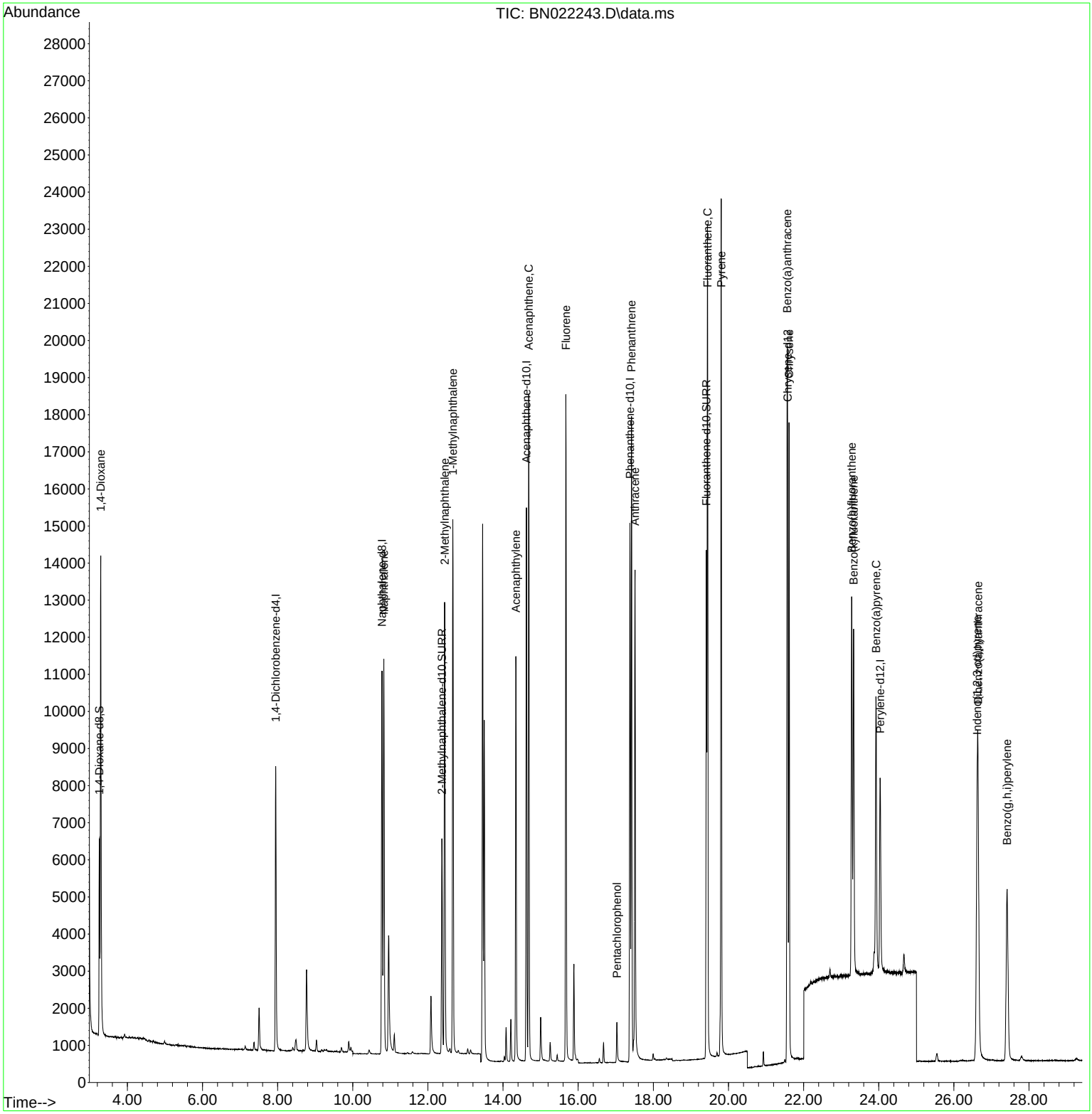
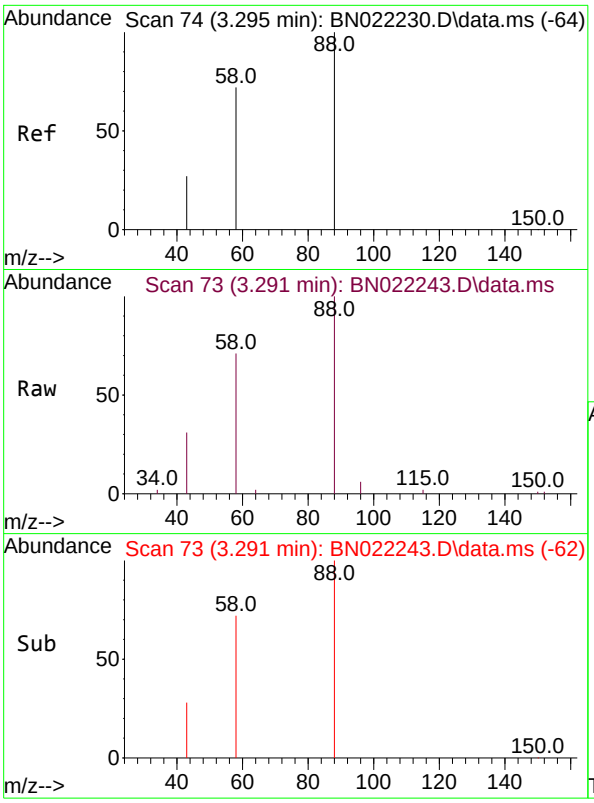


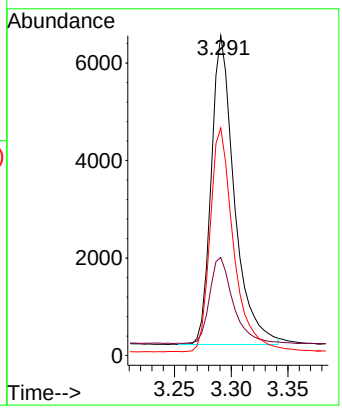


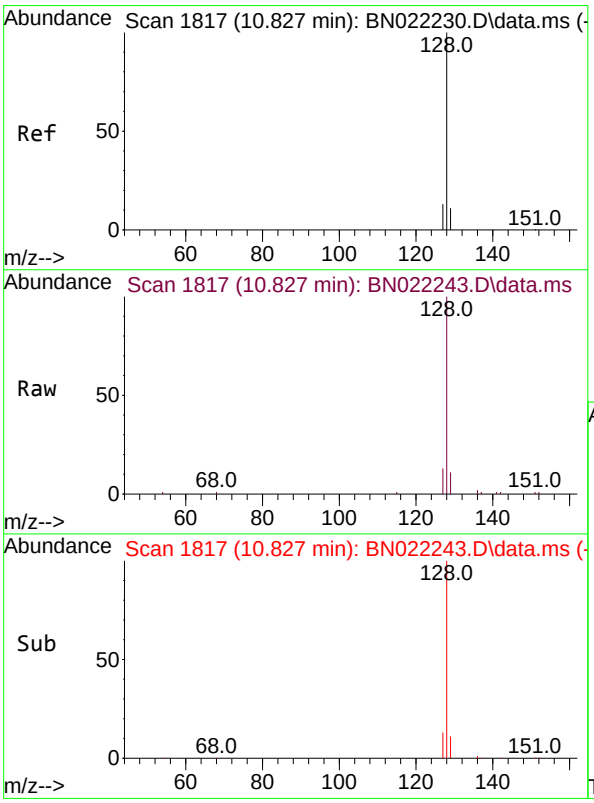
#2
1,4-Dioxane
Concen: 1.598 ng/ul
RT: 3.291 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Instrument :
BNA_N
ClientSampleId :
SLCS280

Tgt Ion: 88 Resp: 8988

Ion	Ratio	Lower	Upper
88	100		
43	30.7	27.4	41.2
58	71.1	48.2	72.2

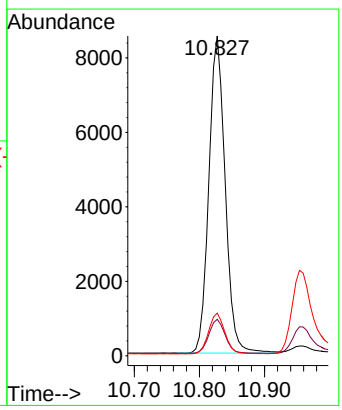


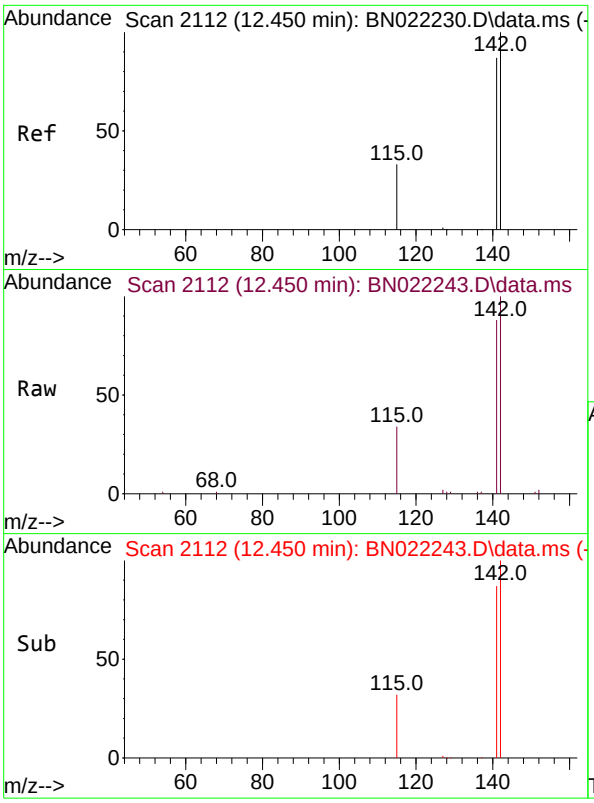


#5
Naphthalene
Concen: 0.346 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Tgt Ion:128 Resp: 14795

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.3	13.9
127	13.4	10.7	16.1



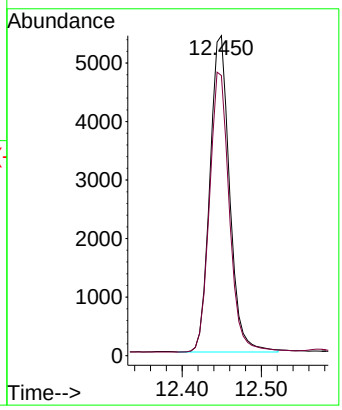


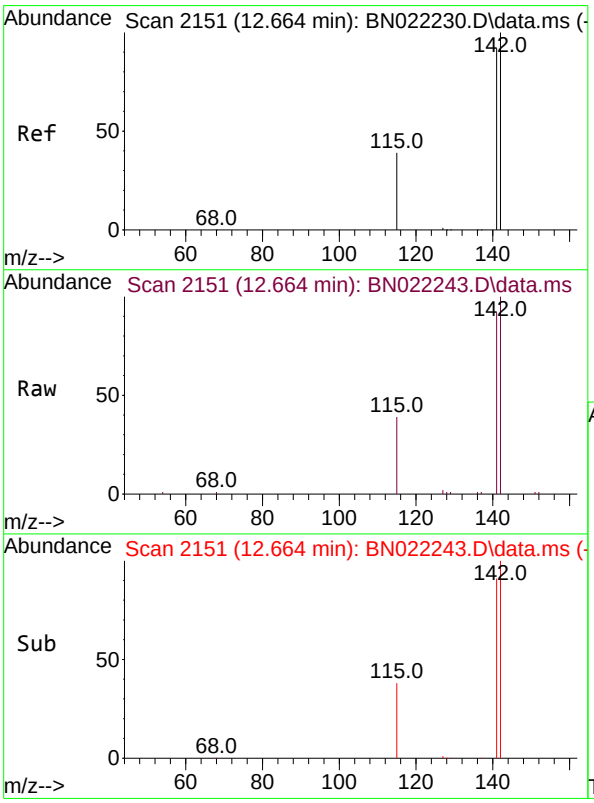
#7
2-Methylnaphthalene
Concen: 0.347 ng/ul
RT: 12.450 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Instrument :
BNA_N
ClientSampleId :
SLCS280

Tgt Ion:142 Resp: 9343

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.1	106.7

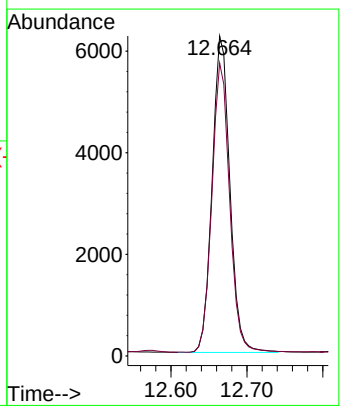


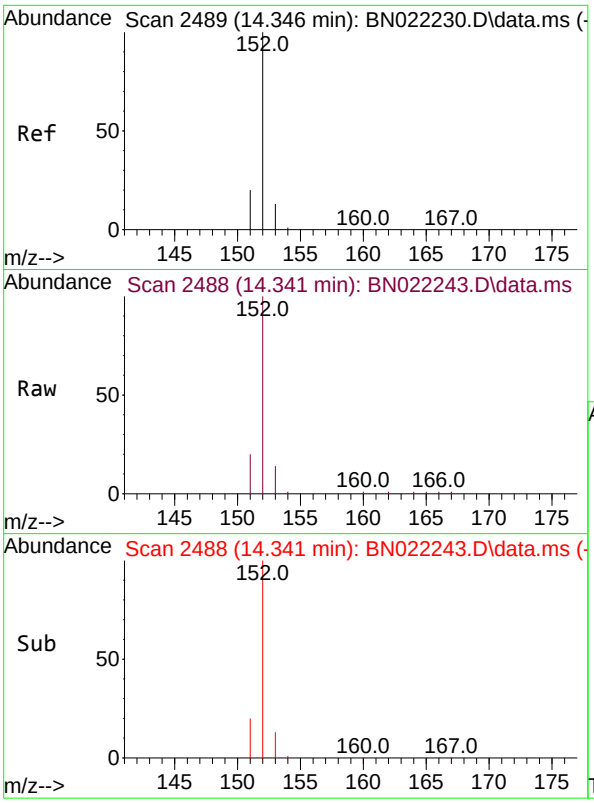


#8
1-Methylnaphthalene
Concen: 0.365 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Tgt Ion:142 Resp: 10108

Ion	Ratio	Lower	Upper
142	100		
141	91.4	73.3	109.9



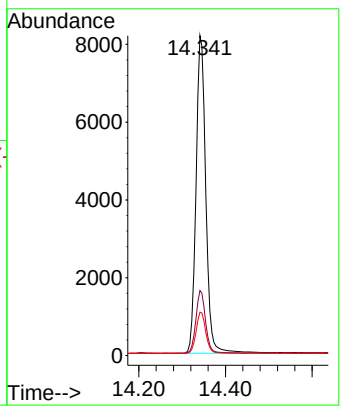


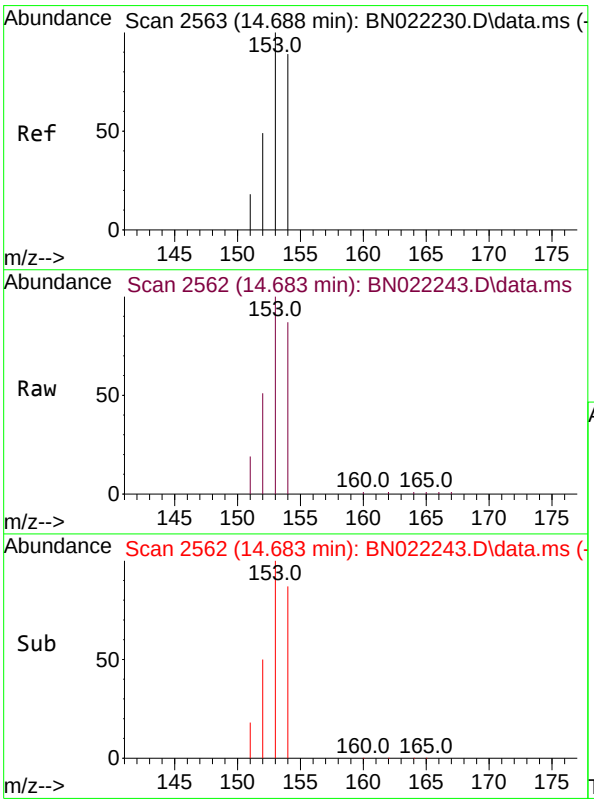
#10
Acenaphthylene
Concen: 0.343 ng/ul
RT: 14.341 min Scan# 24
Delta R.T. -0.008 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Instrument :
BNA_N
ClientSampleId :
SLCS280

Tgt Ion:152 Resp: 12831

Ion	Ratio	Lower	Upper
152	100		
151	20.3	15.9	23.9
153	13.6	10.8	16.2

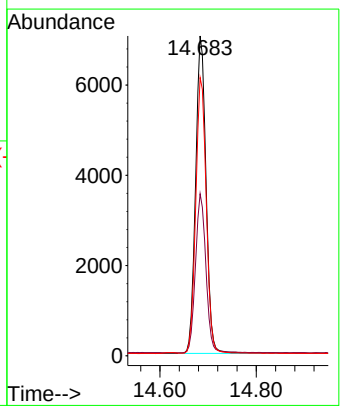


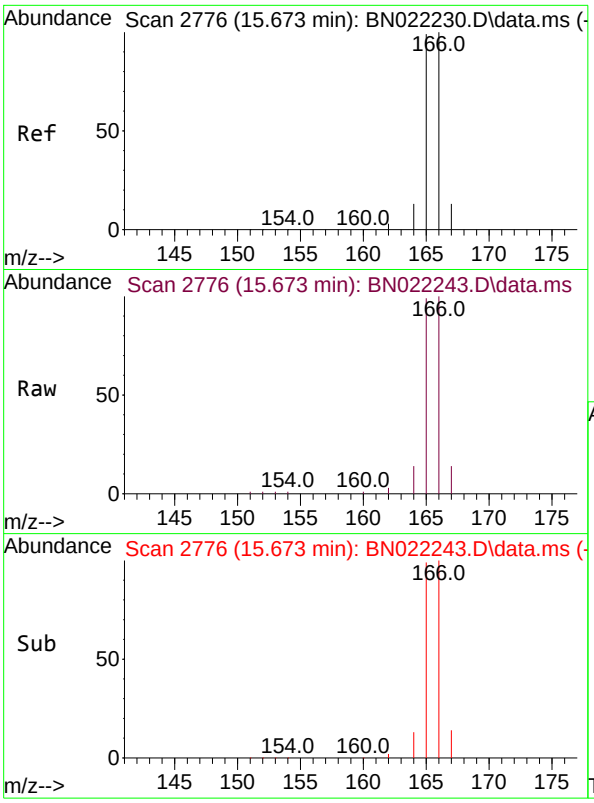


#11
Acenaphthene
Concen: 0.333 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Tgt Ion:153 Resp: 10509

Ion	Ratio	Lower	Upper
153	100		
152	50.7	40.6	61.0
154	87.0	70.6	106.0



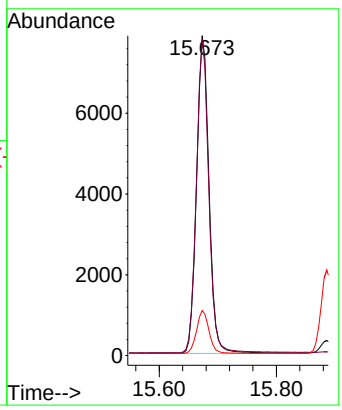


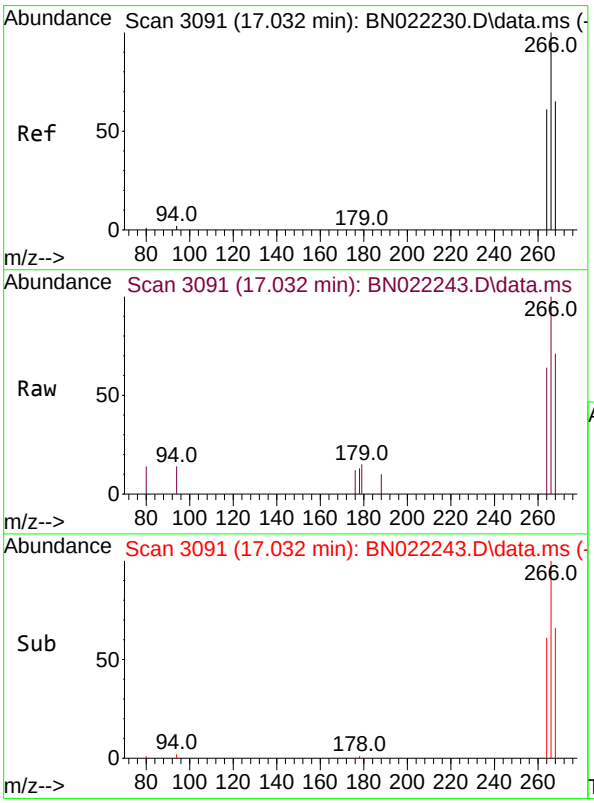
#12
Fluorene
Concen: 0.316 ng/ul
RT: 15.673 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Instrument :
BNA_N
ClientSampleId :
SLCS280

Tgt Ion:166 Resp: 11587

Ion	Ratio	Lower	Upper
166	100		
165	98.8	78.2	117.2
167	14.1	11.0	16.4

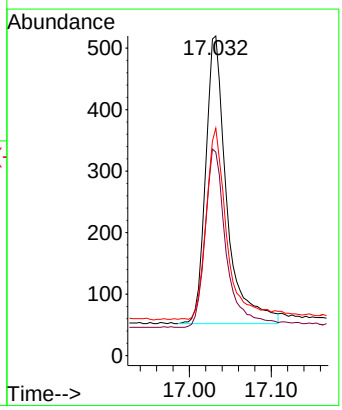


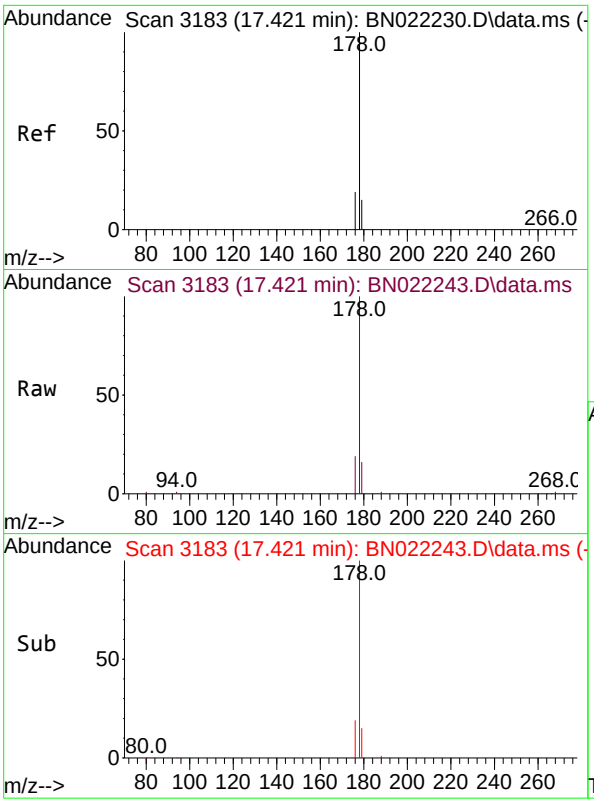


#14
Pentachlorophenol
Concen: 0.213 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. 0.001 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Tgt Ion:266 Resp: 839

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.8	74.6
268	65.4	51.4	77.2



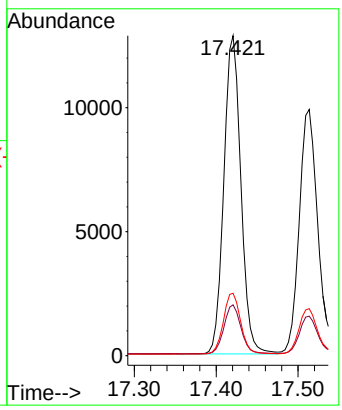


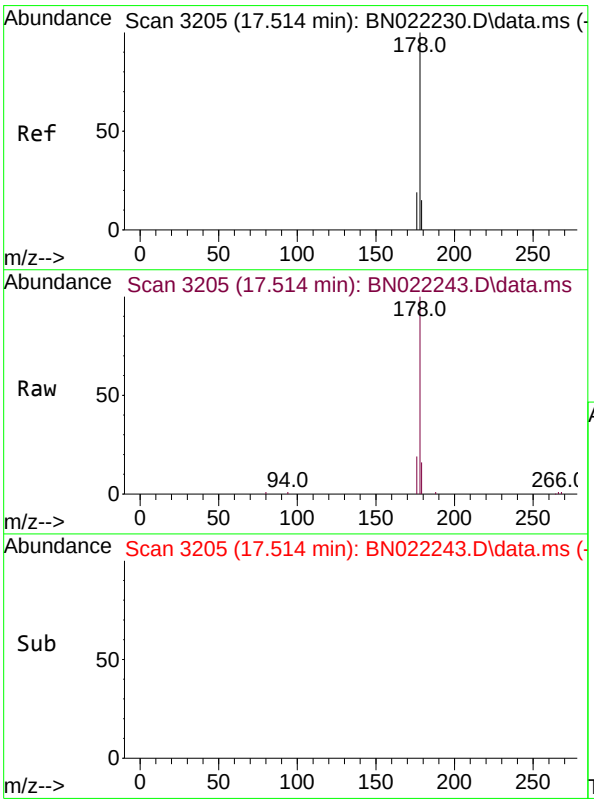
#15
Phenanthrene
Concen: 0.333 ng/ul
RT: 17.421 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Instrument :
BNA_N
ClientSampleId :
SLCS280

Tgt Ion:178 Resp: 18572

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.7	19.1
176	19.5	15.4	23.2

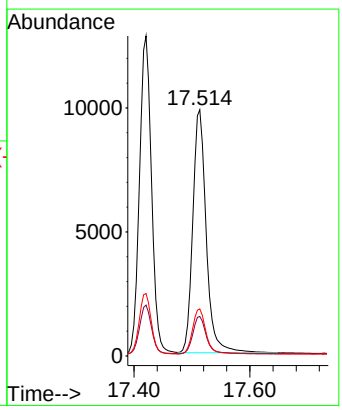


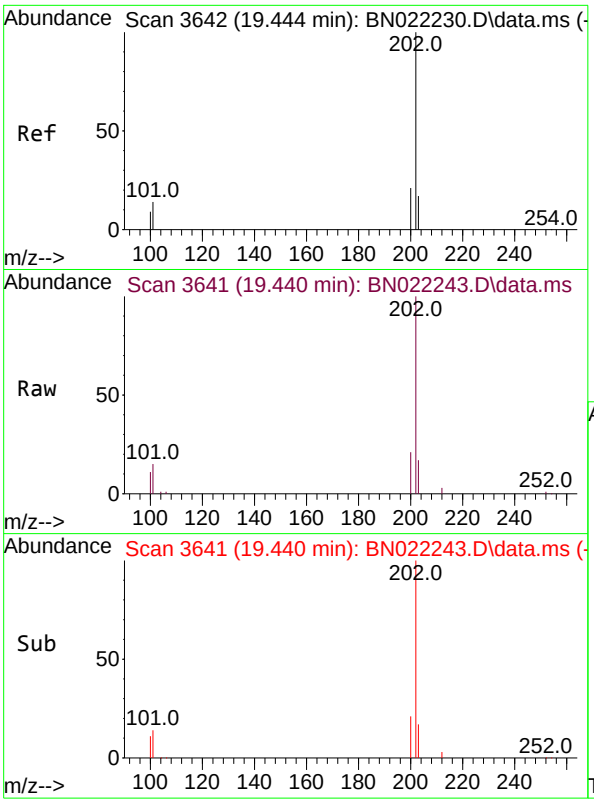


#16
Anthracene
Concen: 0.336 ng/ul
RT: 17.514 min Scan# 3205
Delta R.T. -0.003 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Tgt Ion:178 Resp: 15766

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	19.1	15.0	22.6



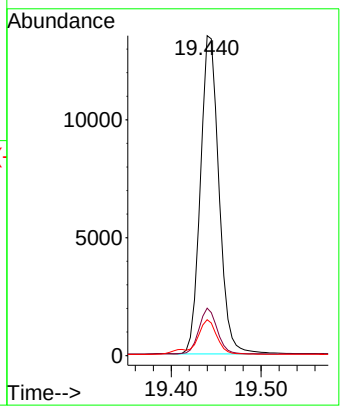


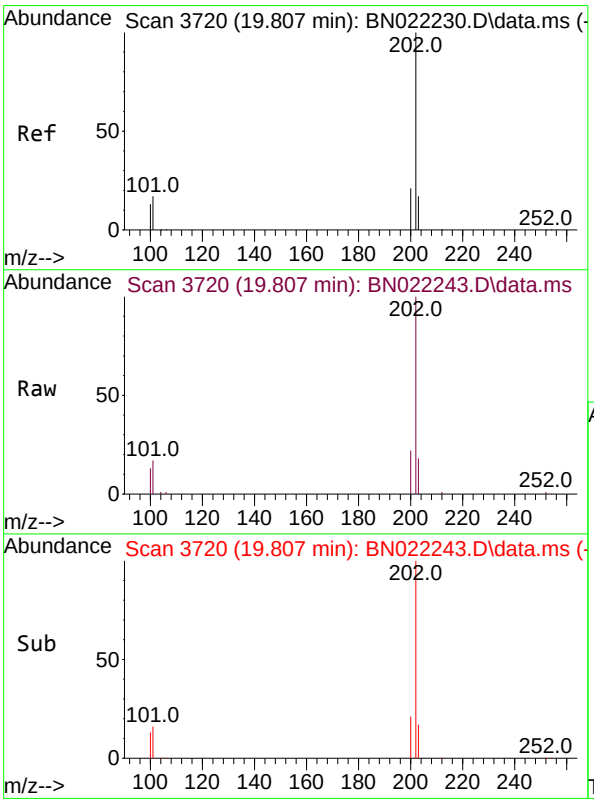
#19
Fluoranthene
Concen: 0.378 ng/ul
RT: 19.440 min Scan# 3
Delta R.T. -0.003 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Instrument :
BNA_N
ClientSampleId :
SLCS280

Tgt Ion:202 Resp: 19334

Ion	Ratio	Lower	Upper
202	100		
101	14.8	11.8	17.6
100	11.2	8.7	13.1

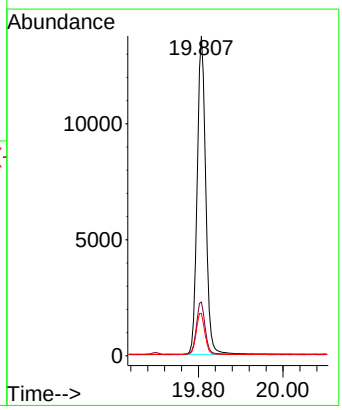


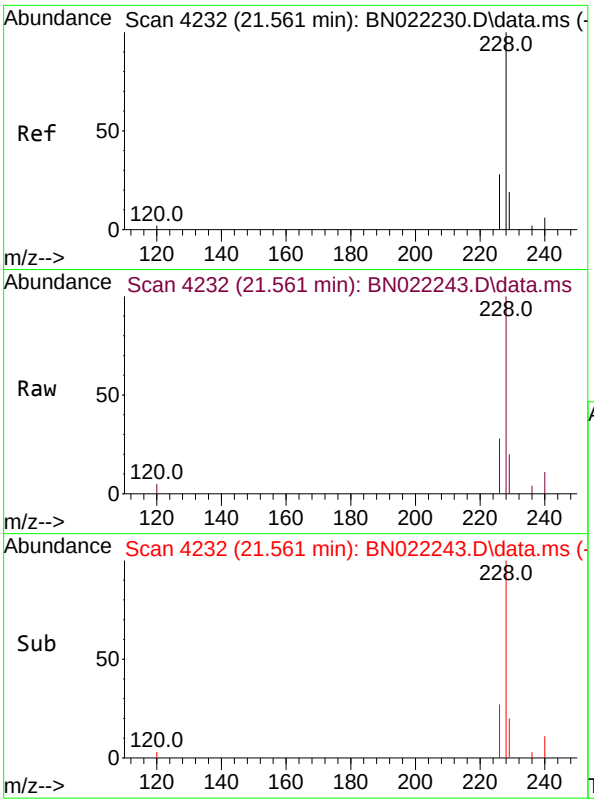


#20
Pyrene
Concen: 0.376 ng/ul
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Tgt Ion:202 Resp: 19336

Ion	Ratio	Lower	Upper
202	100		
101	16.8	13.1	19.7
100	13.3	10.6	16.0



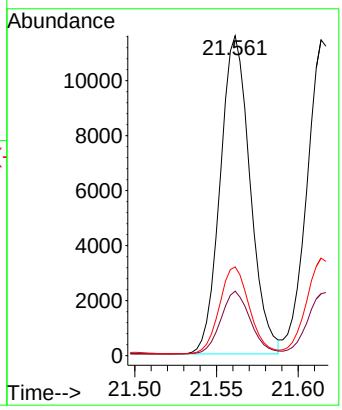


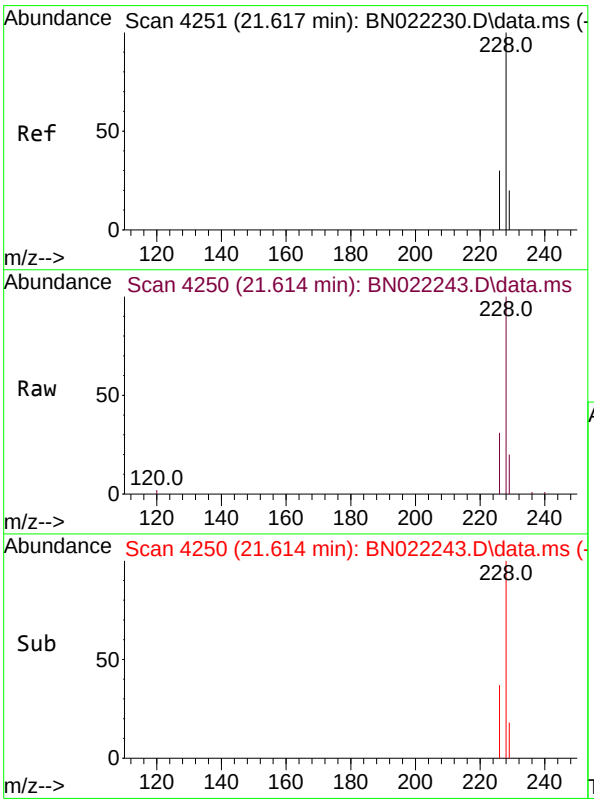
#21
Benzo(a)anthracene
Concen: 0.352 ng/ul
RT: 21.561 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Instrument :
BNA_N
ClientSampleId :
SLCS280

Tgt Ion:228 Resp: 14721

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.7	23.5
226	27.7	21.5	32.3

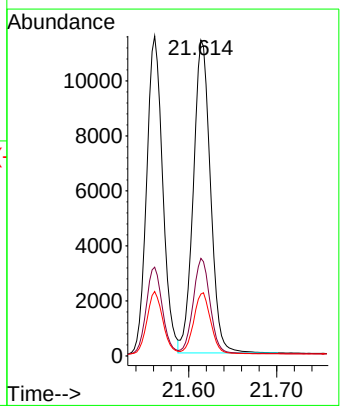


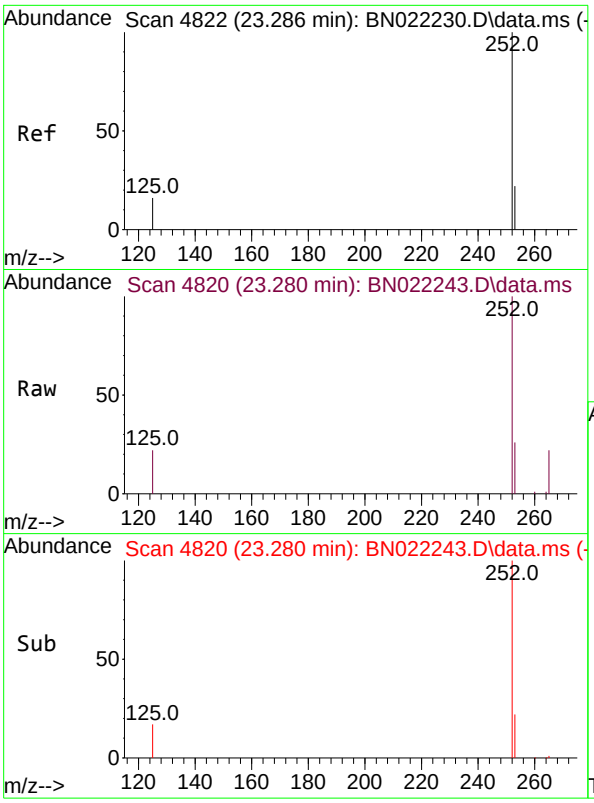


#22
Chrysene
Concen: 0.346 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Tgt Ion:228 Resp: 15336

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.9	35.9
229	19.6	15.9	23.9



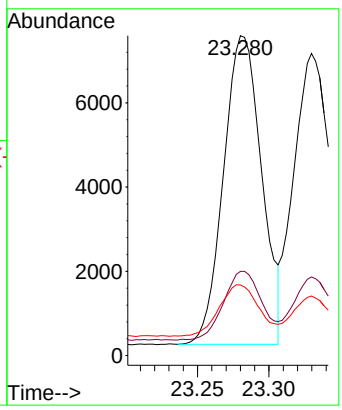


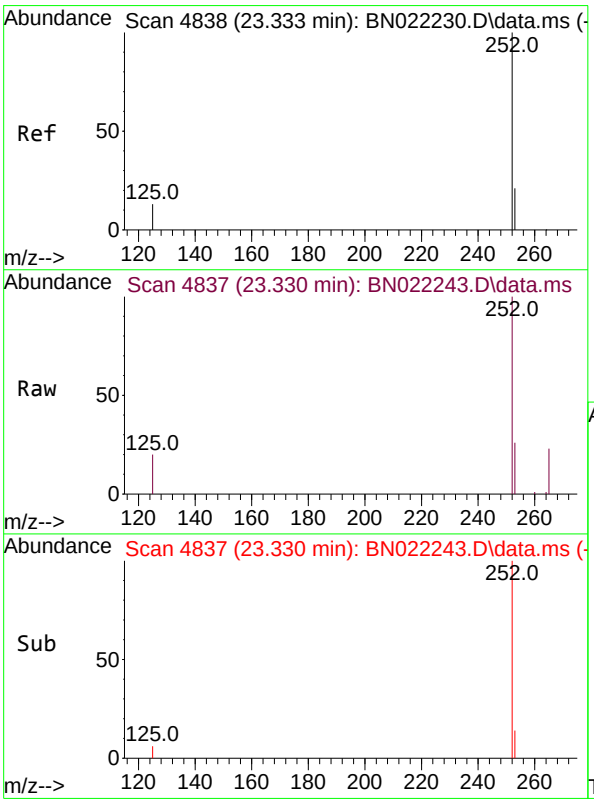
#24
Benzo(b)fluoranthene
Concen: 0.344 ng/ul
RT: 23.280 min Scan# 48
Delta R.T. -0.009 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Instrument :
BNA_N
ClientSampleId :
SLCS280

Tgt Ion:252 Resp: 13613

Ion	Ratio	Lower	Upper
252	100		
253	26.3	0.0	49.0
125	22.1	0.0	35.2

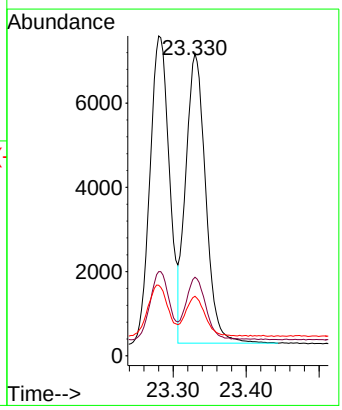


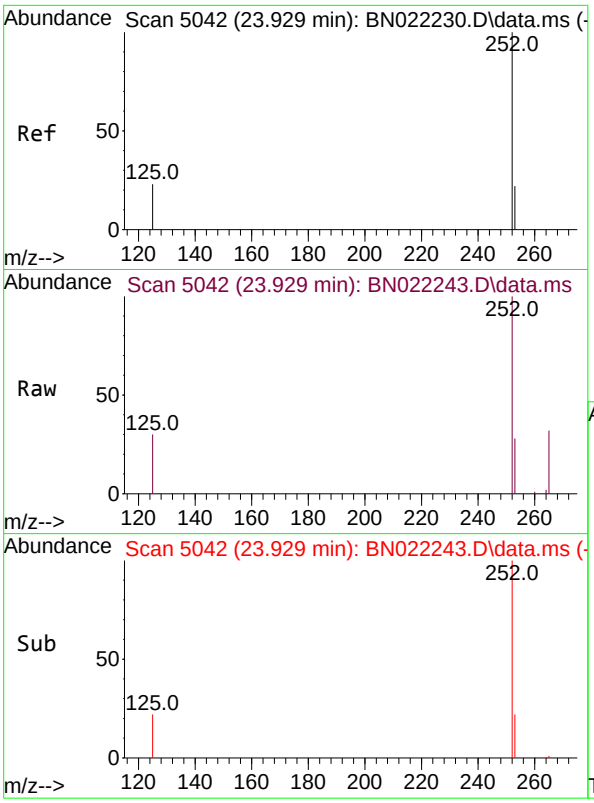


#25
Benzo(k)fluoranthene
Concen: 0.339 ng/ul
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Tgt Ion:252 Resp: 13048

Ion	Ratio	Lower	Upper
252	100		
253	26.0	19.7	29.5
125	19.7	14.0	21.0



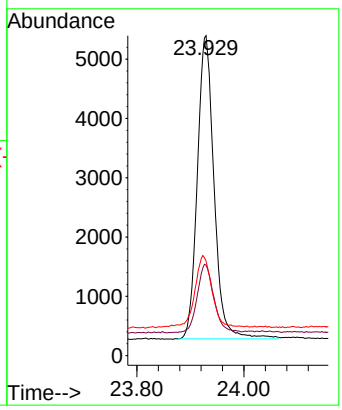


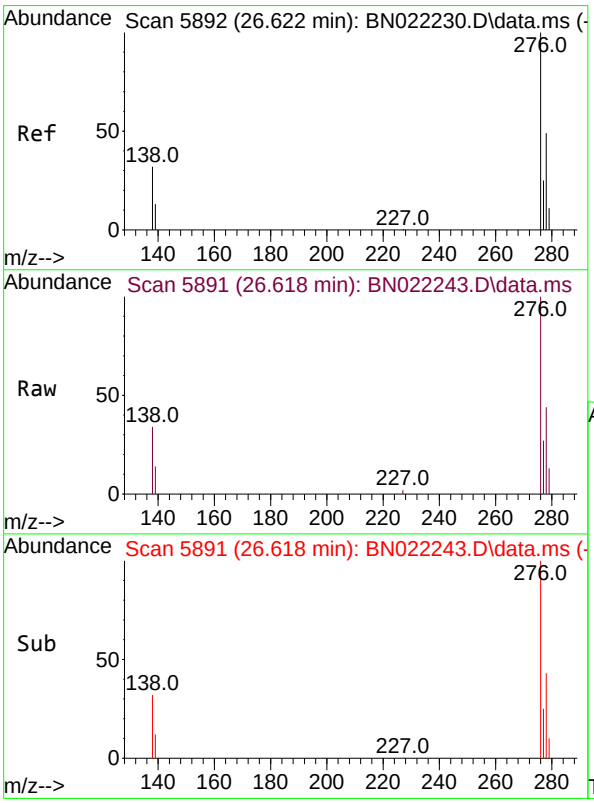
#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.929 min Scan# 5
Delta R.T. -0.006 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Instrument :
BNA_N
ClientSampleId :
SLCS280

Tgt Ion:252 Resp: 11080

Ion	Ratio	Lower	Upper
252	100		
253	28.3	21.0	31.6
125	29.5	17.9	26.9#

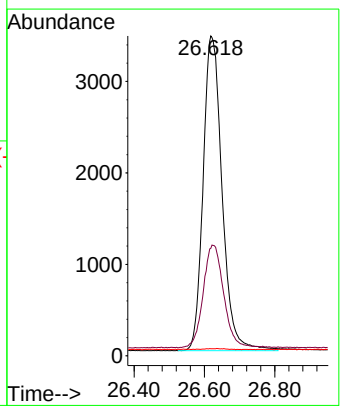


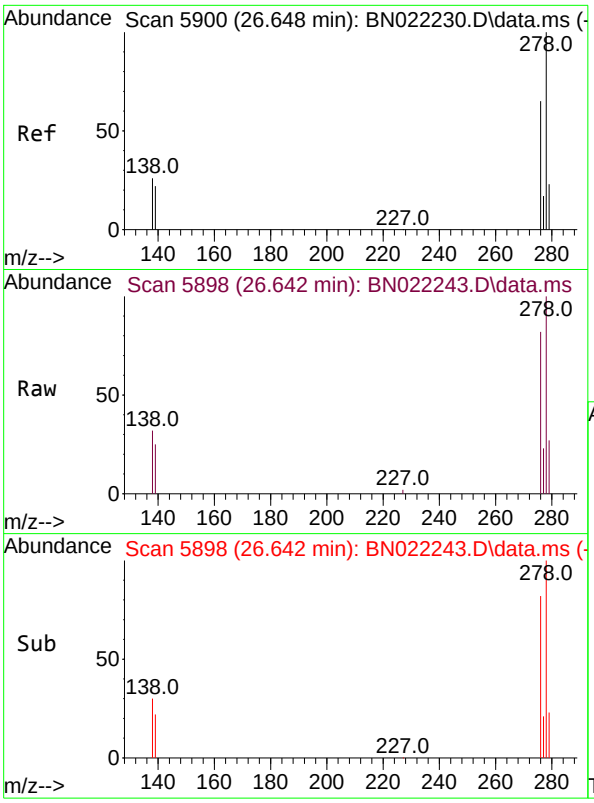


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.329 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.017 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Tgt Ion:276 Resp: 12897

Ion	Ratio	Lower	Upper
276	100		
138	35.3	27.7	41.5
227	0.1	0.2	0.2#



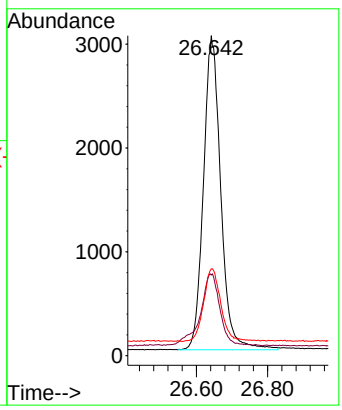


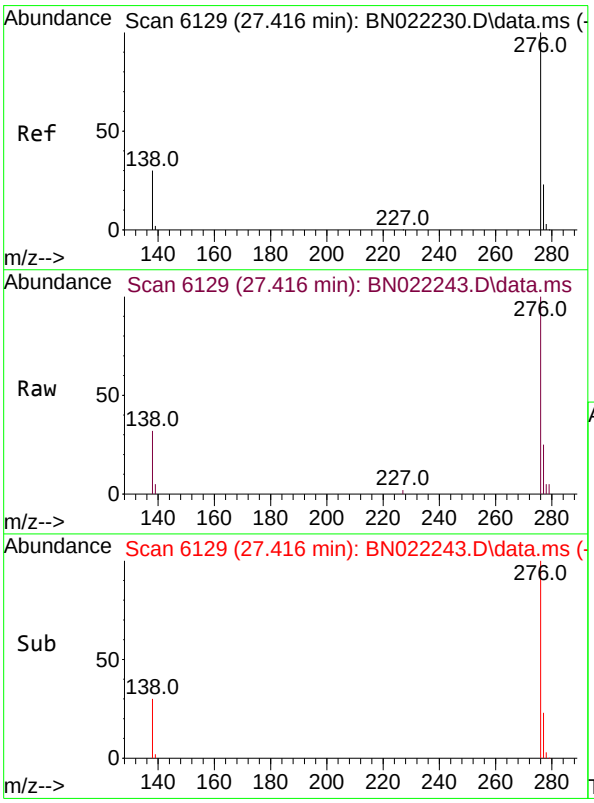
#28
Dibenzo(a,h)anthracene
Concen: 0.326 ng/ul
RT: 26.642 min Scan# 58
Delta R.T. -0.014 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Instrument :
BNA_N
ClientSampleId :
SLCS280

Tgt Ion:278 Resp: 10201

Ion	Ratio	Lower	Upper
278	100		
139	25.2	19.6	29.4
279	27.1	20.6	30.8





#29
Benzo(g,h,i)perylene
Concen: 0.328 ng/ul
RT: 27.416 min Scan# 6129
Delta R.T. -0.014 min
Lab File: BN022243.D
Acq: 20 Oct 2022 20:59

Tgt Ion:276 Resp: 10476

Ion	Ratio	Lower	Upper
276	100		
138	32.2	25.2	37.8
277	25.3	19.9	29.9