Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022213.D
Acq On : 20 Oct 2022 01:28
Operator : CG/JU
Sample : PB148270BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS270

Quant Time: Oct 20 01:58:57 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	7.953	152	4126	0.400	ng/ul	0.00
4) Naphthalene-d8	10.778	136	13185	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.623	164	7995	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.378	188	17461	0.400	ng/ul	0.00
17) Chrysene-d12	21.576	240	12816	0.400	ng/ul	0.00
23) Perylene-d12	24.034	264	9660	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	3556	0.663	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.373	152	7015	0.352	ng/ul	0.00
18) Fluoranthene-d10	19.412	212	15004	0.349	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.291	88	9015	1.637	ng/ul#	87
5) Naphthalene	10.827	128	13075	0.336	ng/ul	100
7) 2-Methylnaphthalene	12.450	142	8274	0.337	ng/ul	100
8) 1-Methylnaphthalene	12.664	142	8954	0.355	ng/ul	100
10) Acenaphthylene	14.346	152	11440	0.319	ng/ul	99
11) Acenaphthene	14.683	153	9784	0.323	ng/ul	99
12) Fluorene	15.673	166	11208	0.319	ng/ul	99
14) Pentachlorophenol	17.028	266	1924	0.463	ng/ul	100
15) Phenanthrene	17.421	178	18855	0.322	ng/ul	100
16) Anthracene	17.514	178	15549	0.315	ng/ul	99
19) Fluoranthene	19.444	202	19987	0.340	ng/ul	97
20) Pyrene	19.807	202	20022	0.340	ng/ul	99
21) Benzo(a)anthracene	21.558	228	15804	0.329	ng/ul	99
22) Chrysene	21.614	228	17045	0.335	ng/ul	99
24) Benzo(b)fluoranthene	23.280	252	16853	0.347	ng/ul	96
25) Benzo(k)fluoranthene	23.330	252	15536	0.329	ng/ul	98
26) Benzo(a)pyrene	23.926	252	13564	0.351	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	26.618	276	15523	0.323	ng/ul#	99
28) Dibenzo(a,h)anthracene	26.642	278	12289	0.320	ng/ul	99
29) Benzo(g,h,i)perylene	27.416	276	12014	0.307	ng/ul	100

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022213.D
Acq On : 20 Oct 2022 01:28
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Sample : PB148270BS
Misc :
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Instrument :
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Quant Time: Oct 20 01:58:57 2022
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 19 23:32:34 2022
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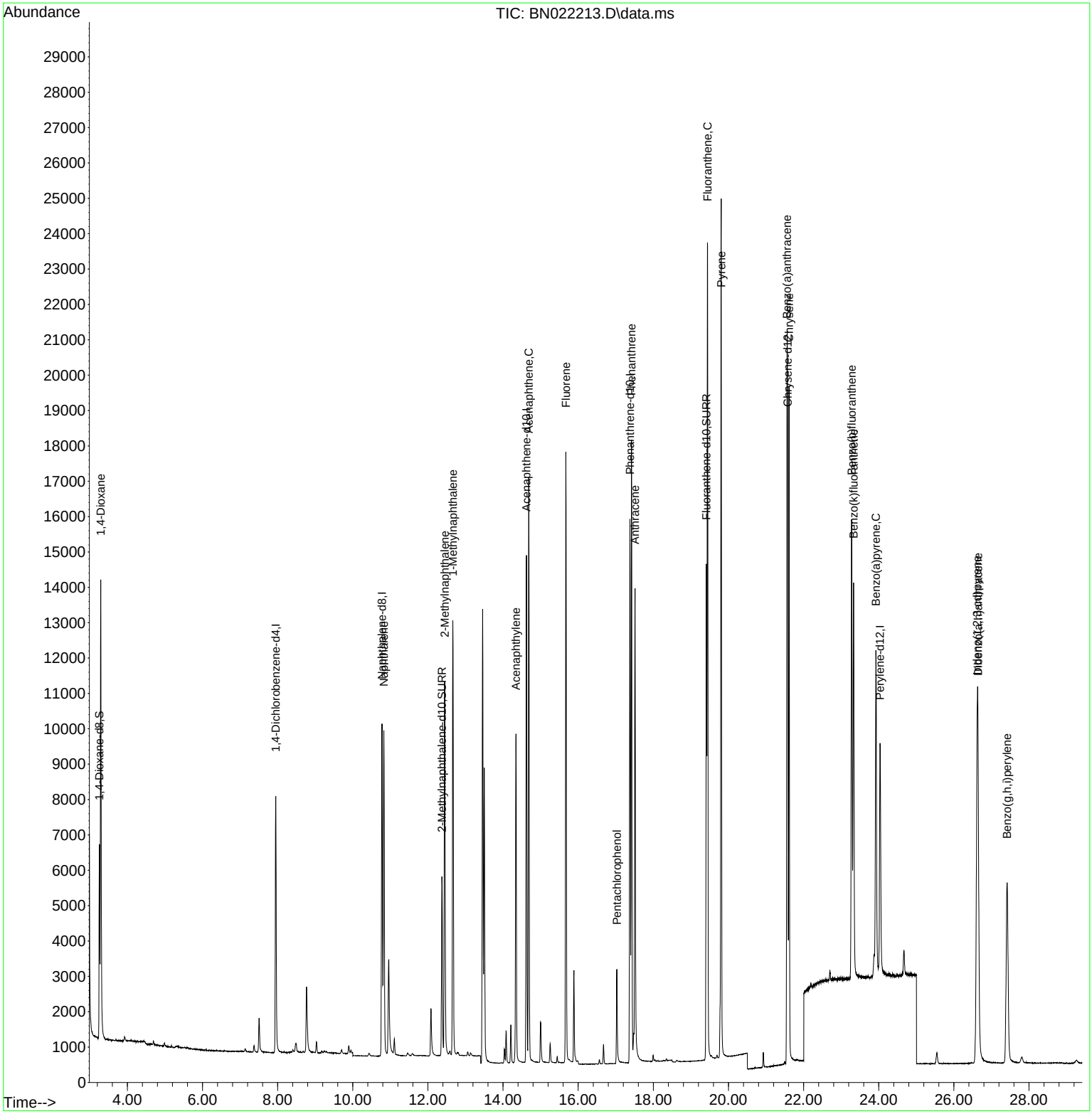
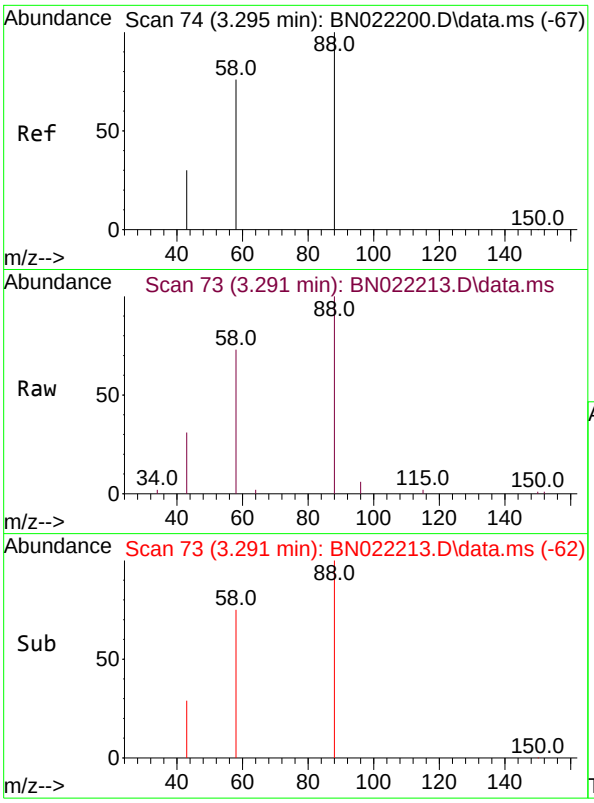


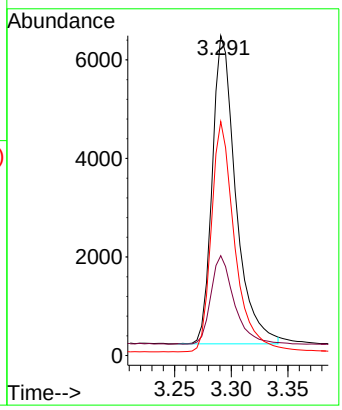


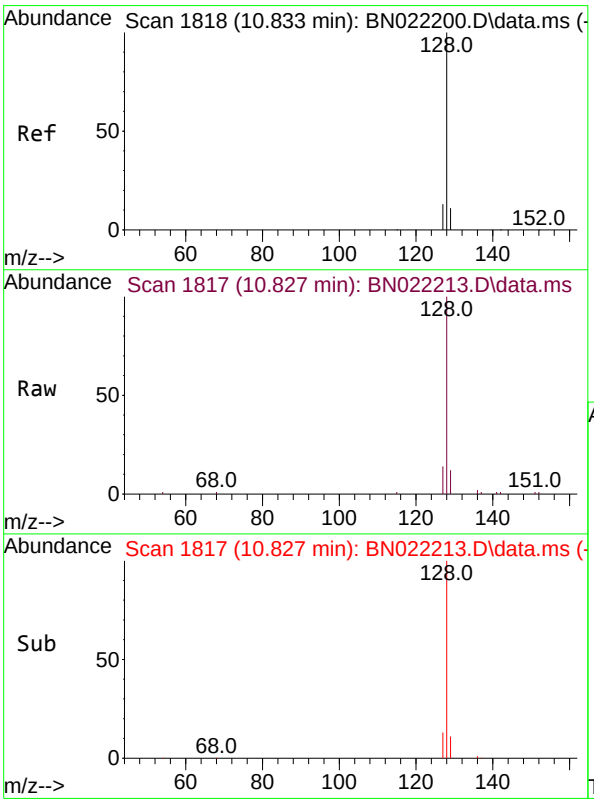
#2
1,4-Dioxane
Concen: 1.637 ng/ul
RT: 3.291 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Instrument :
BNA_N
ClientSampleId :
SLCS270

Tgt Ion: 88 Resp: 9015

Ion	Ratio	Lower	Upper
88	100		
43	31.2	27.4	41.2
58	73.1	48.2	72.2#

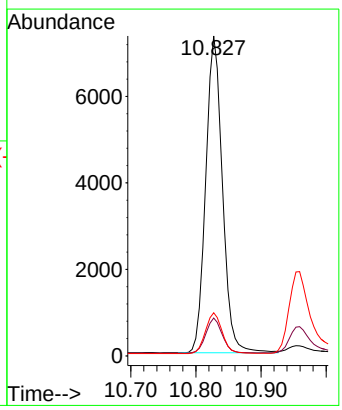


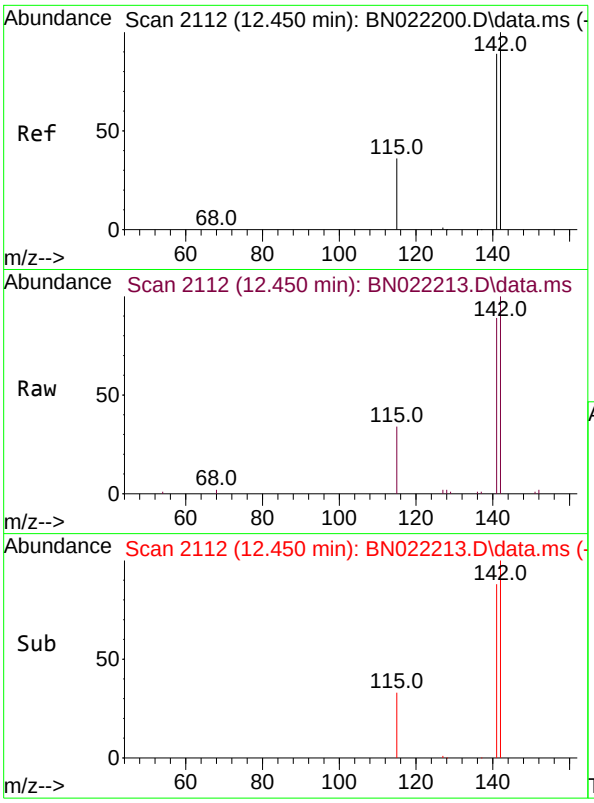


#5
Naphthalene
Concen: 0.336 ng/ul
RT: 10.827 min Scan# 1817
Delta R.T. -0.004 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Tgt Ion:128 Resp: 13075

Ion	Ratio	Lower	Upper
128	100		
129	11.8	9.3	13.9
127	13.5	10.7	16.1



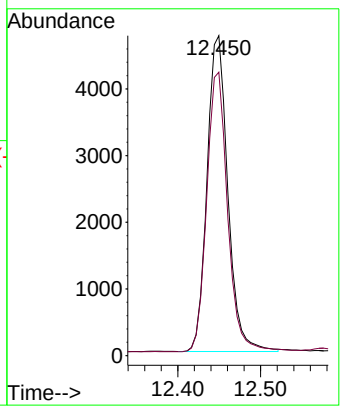


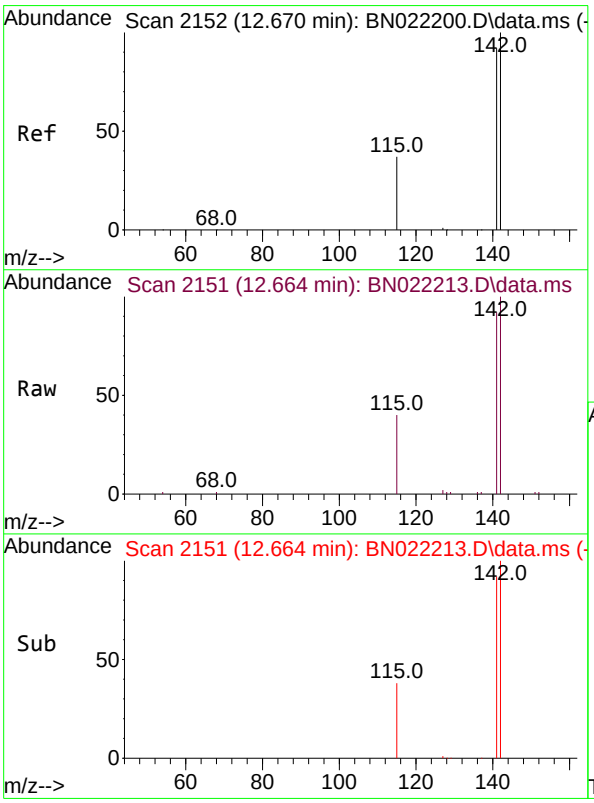
#7
2-Methylnaphthalene
Concen: 0.337 ng/ul
RT: 12.450 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Instrument :
BNA_N
ClientSampleId :
SLCS270

Tgt Ion:142 Resp: 8274

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.1	106.7

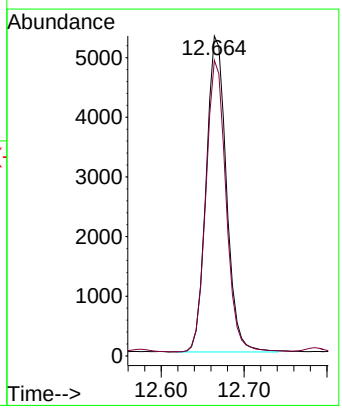


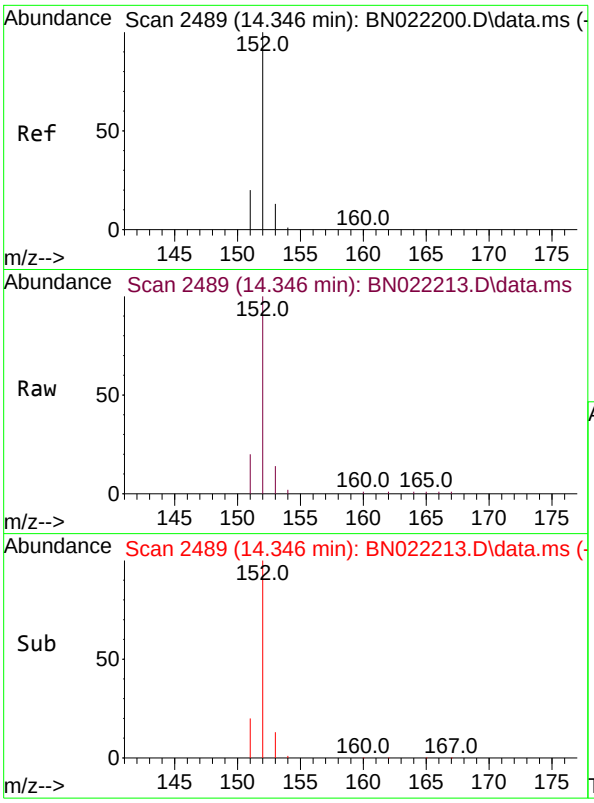


#8
1-Methylnaphthalene
Concen: 0.355 ng/ul
RT: 12.664 min Scan# 2151
Delta R.T. -0.004 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Tgt Ion:142 Resp: 8954

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.3	109.9



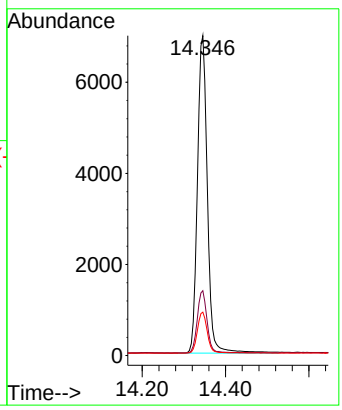


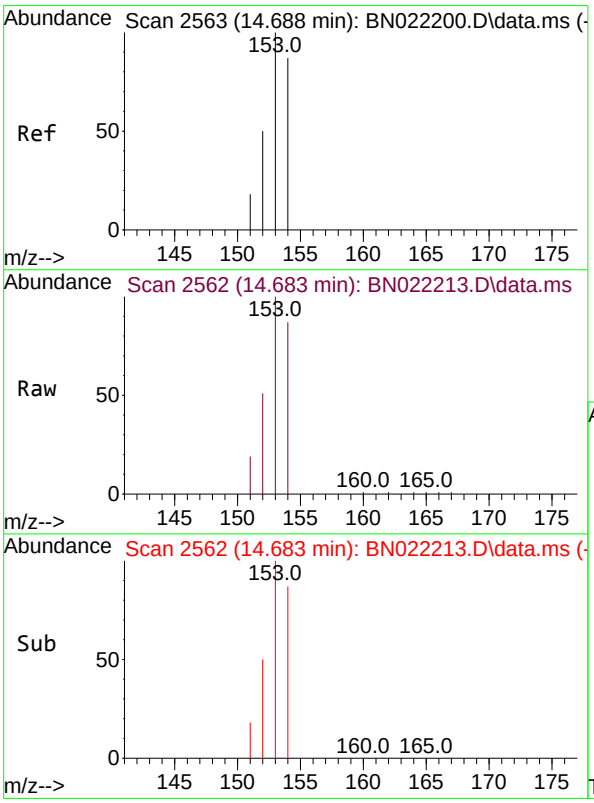
#10
Acenaphthylene
Concen: 0.319 ng/ul
RT: 14.346 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Instrument :
BNA_N
ClientSampleId :
SLCS270

Tgt Ion:152 Resp: 11440

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

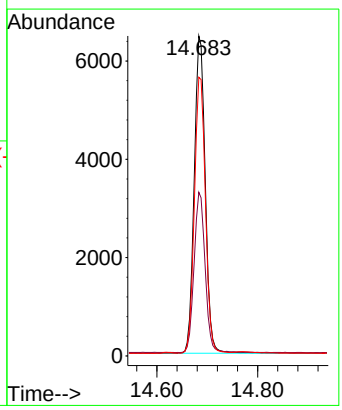


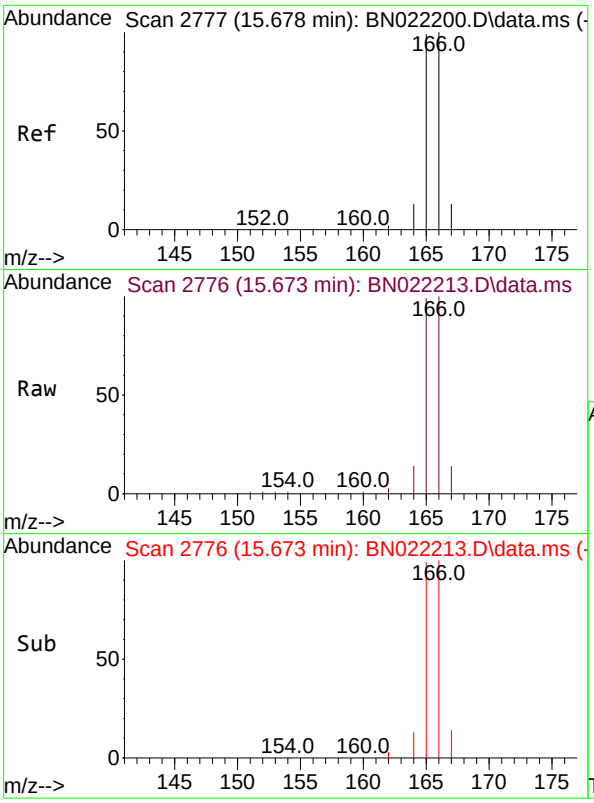


#11
Acenaphthene
Concen: 0.323 ng/ul
RT: 14.683 min Scan# 2562
Delta R.T. -0.003 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Tgt Ion:153 Resp: 9784

Ion	Ratio	Lower	Upper
153	100		
152	51.1	40.6	61.0
154	87.1	70.6	106.0



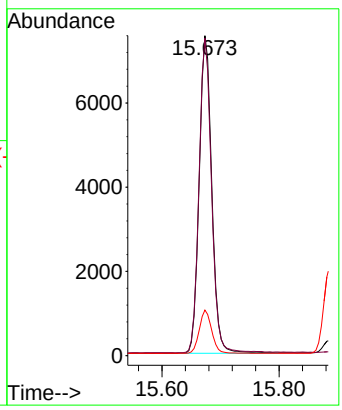


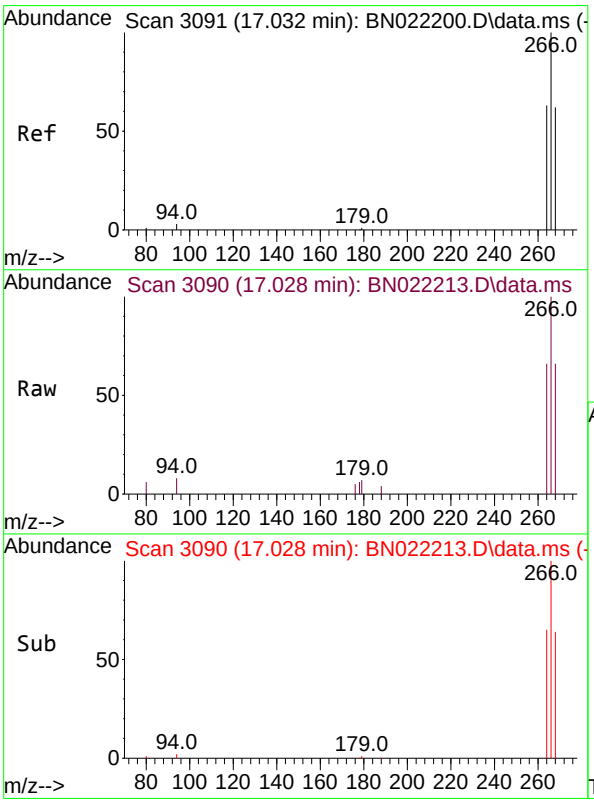
#12
Fluorene
Concen: 0.319 ng/ul
RT: 15.673 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Instrument :
BNA_N
ClientSampleId :
SLCS270

Tgt Ion:166 Resp: 11208

Ion	Ratio	Lower	Upper
166	100		
165	99.2	78.2	117.2
167	14.2	11.0	16.4

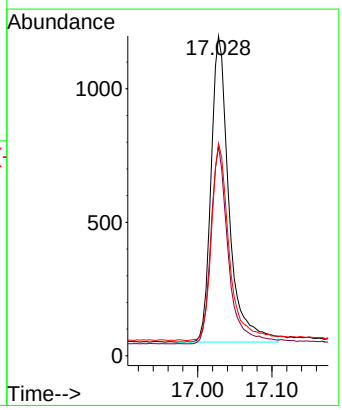


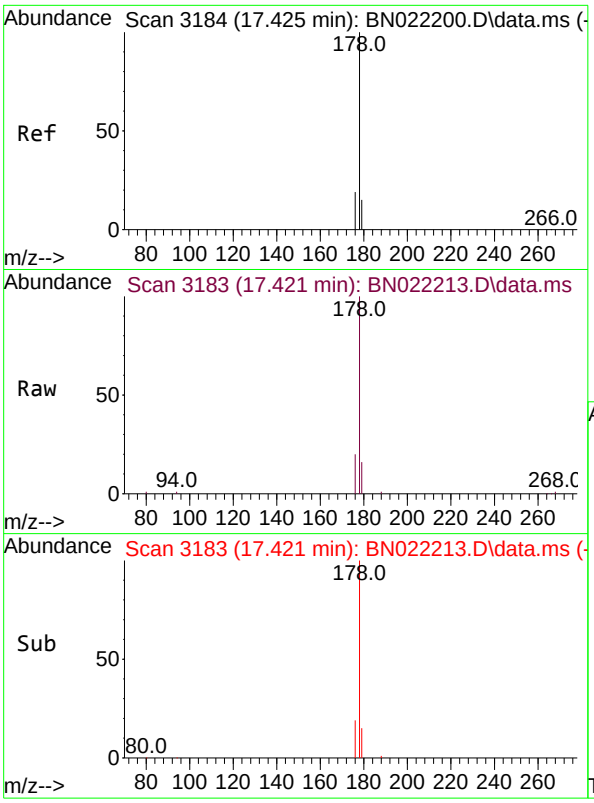


#14
Pentachlorophenol
Concen: 0.463 ng/ul
RT: 17.028 min Scan# 3090
Delta R.T. -0.003 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Tgt Ion:266 Resp: 1924

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.8	74.6
268	64.3	51.4	77.2





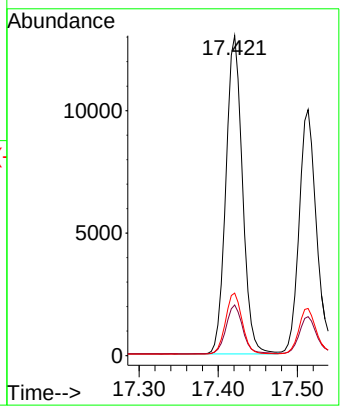
#15
Phenanthrene
Concen: 0.322 ng/ul
RT: 17.421 min Scan# 3

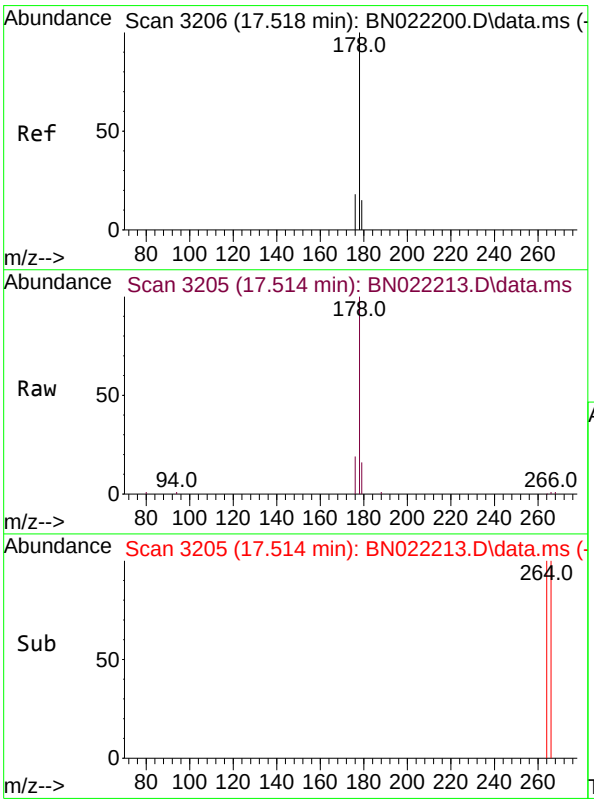
Instrument :
BNA_N
ClientSampleId :
SLCS270

Delta R.T. -0.003 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Tgt Ion:178 Resp: 18855

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.7	19.1
176	19.5	15.4	23.2

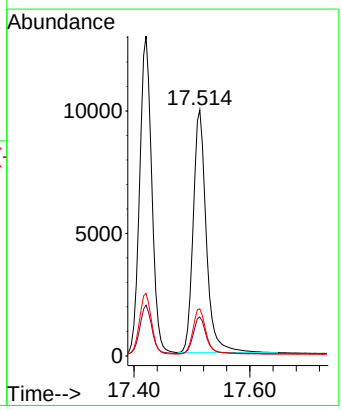


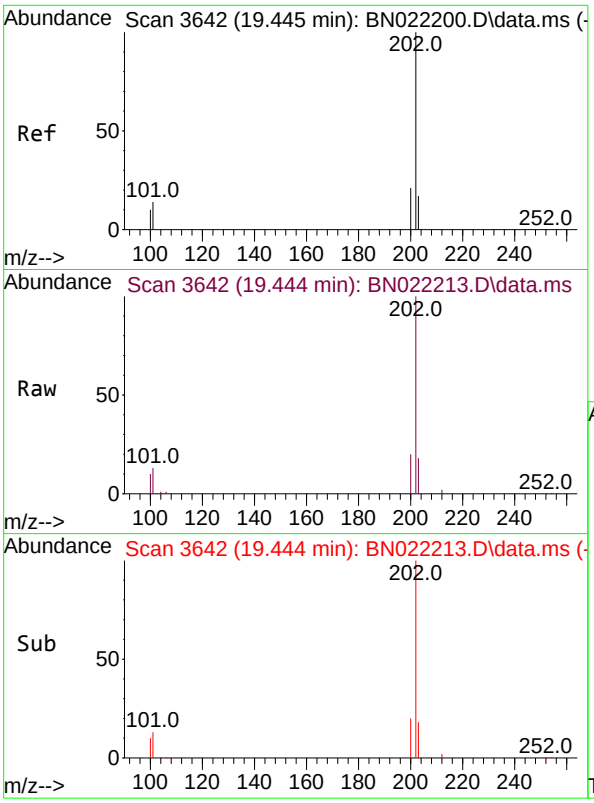


#16
Anthracene
Concen: 0.315 ng/ul
RT: 17.514 min Scan# 3205
Delta R.T. -0.003 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Tgt Ion:178 Resp: 15549

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.1	15.0	22.6



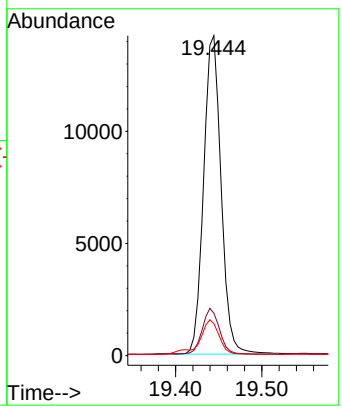


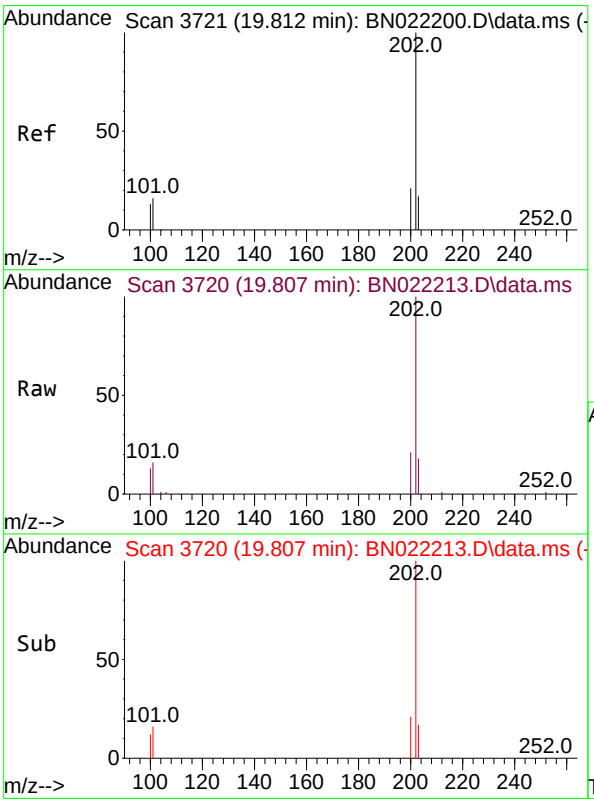
#19
Fluoranthene
Concen: 0.340 ng/ul
RT: 19.444 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Instrument :
BNA_N
ClientSampleId :
SLCS270

Tgt Ion:202 Resp: 19987

Ion	Ratio	Lower	Upper
202	100		
101	13.2	11.8	17.6
100	10.0	8.7	13.1

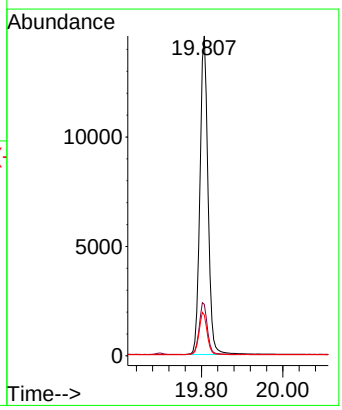


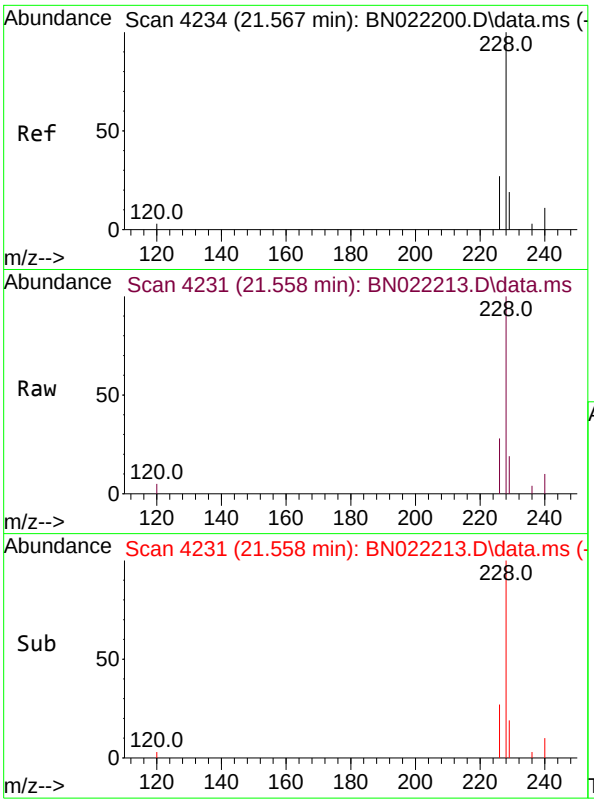


#20
Pyrene
Concen: 0.340 ng/ul
RT: 19.807 min Scan# 3720
Delta R.T. -0.003 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Tgt Ion:202 Resp: 20022

Ion	Ratio	Lower	Upper
202	100		
101	16.1	13.1	19.7
100	12.8	10.6	16.0





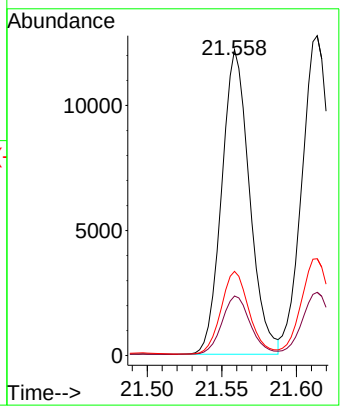
#21
Benzo(a)anthracene
Concen: 0.329 ng/ul
RT: 21.558 min Scan# 4

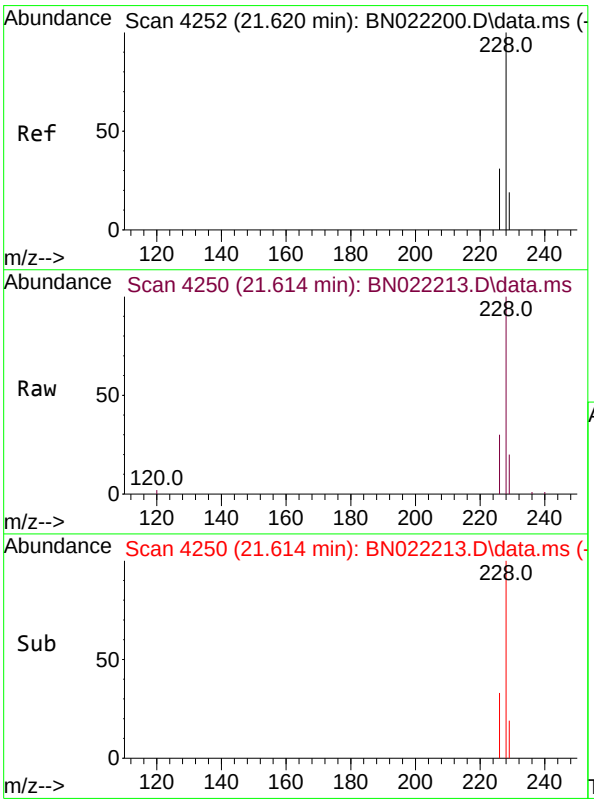
Instrument :
BNA_N
ClientSampleId :
SLCS270

Delta R.T. -0.009 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Tgt Ion:228 Resp: 15804

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.7	23.5
226	27.5	21.5	32.3

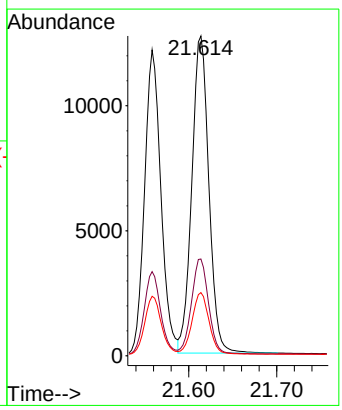


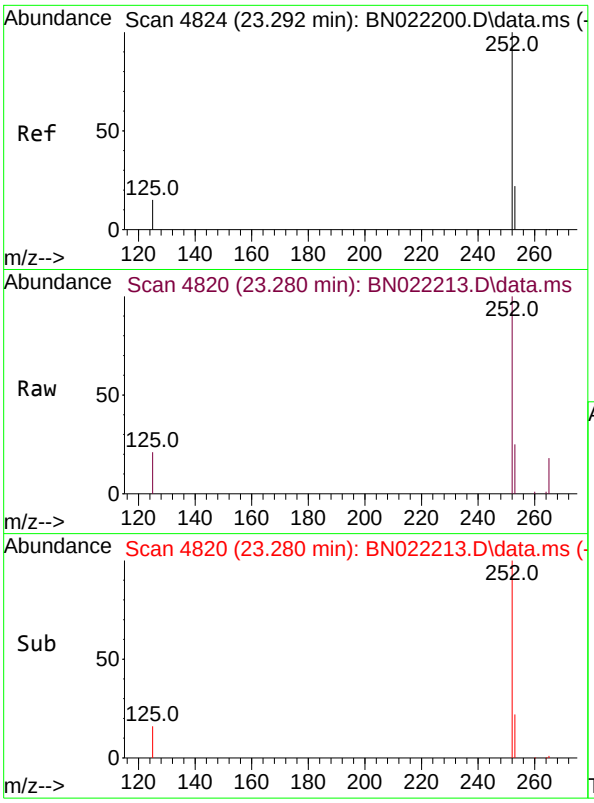


#22
Chrysene
Concen: 0.335 ng/ul
RT: 21.614 min Scan# 4250
Delta R.T. -0.006 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Tgt Ion:228 Resp: 17045

Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	19.8	15.9	23.9



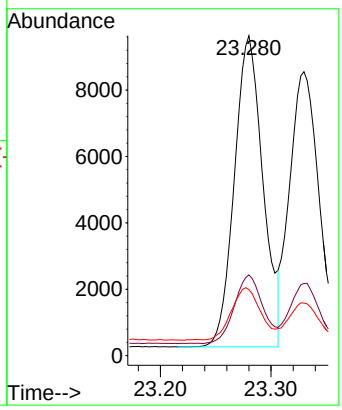


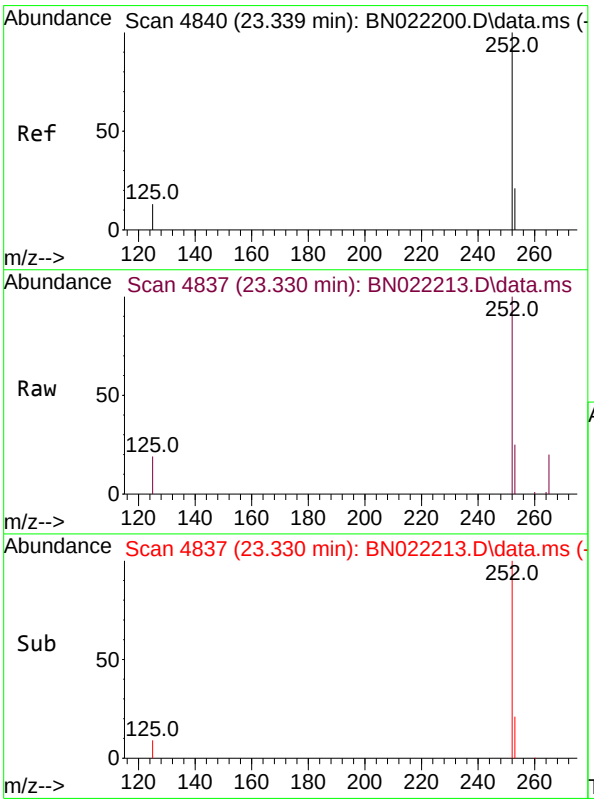
#24
Benzo(b)fluoranthene
Concen: 0.347 ng/ul
RT: 23.280 min Scan# 48
Delta R.T. -0.009 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Instrument :
BNA_N
ClientSampleId :
SLCS270

Tgt Ion:252 Resp: 16853

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	49.0
125	20.6	0.0	35.2

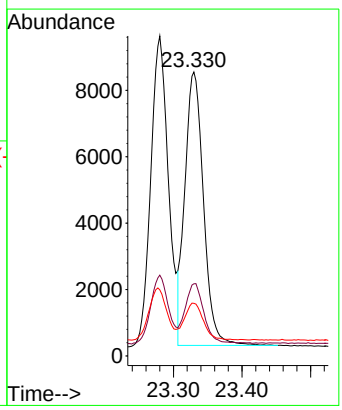


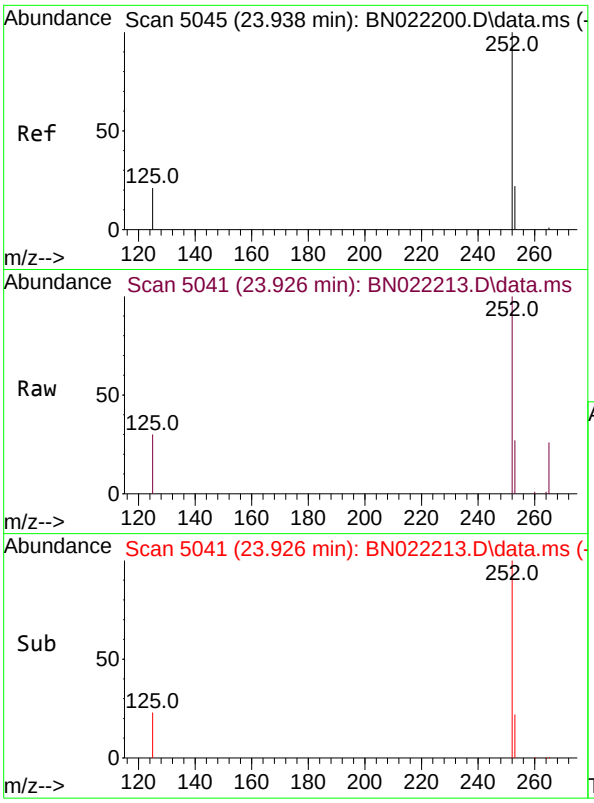


#25
Benzo(k)fluoranthene
Concen: 0.329 ng/ul
RT: 23.330 min Scan# 4837
Delta R.T. -0.009 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Tgt Ion:252 Resp: 15536

Ion	Ratio	Lower	Upper
252	100		
253	25.4	19.7	29.5
125	18.5	14.0	21.0



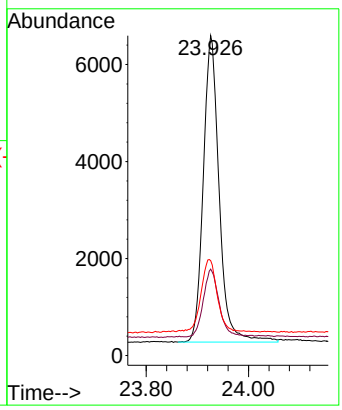


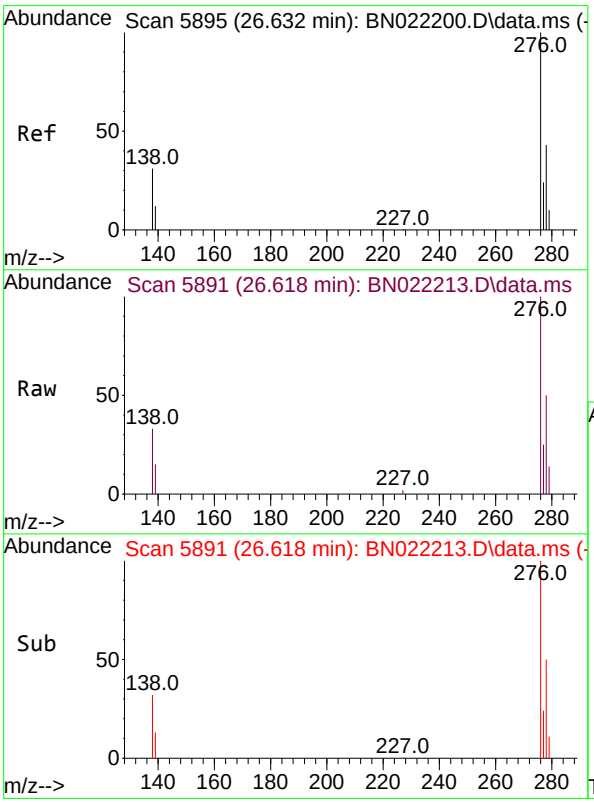
#26
Benzo(a)pyrene
Concen: 0.351 ng/ul
RT: 23.926 min Scan# 5
Delta R.T. -0.009 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Instrument :
BNA_N
ClientSampleId :
SLCS270

Tgt Ion:252 Resp: 13564

Ion	Ratio	Lower	Upper
252	100		
253	27.0	21.0	31.6
125	29.7	17.9	26.9#

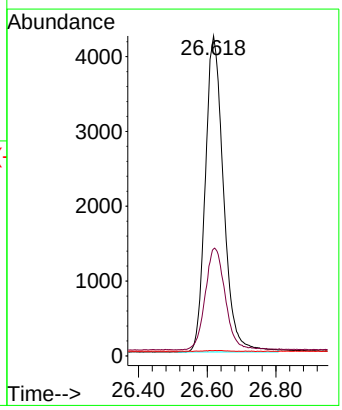


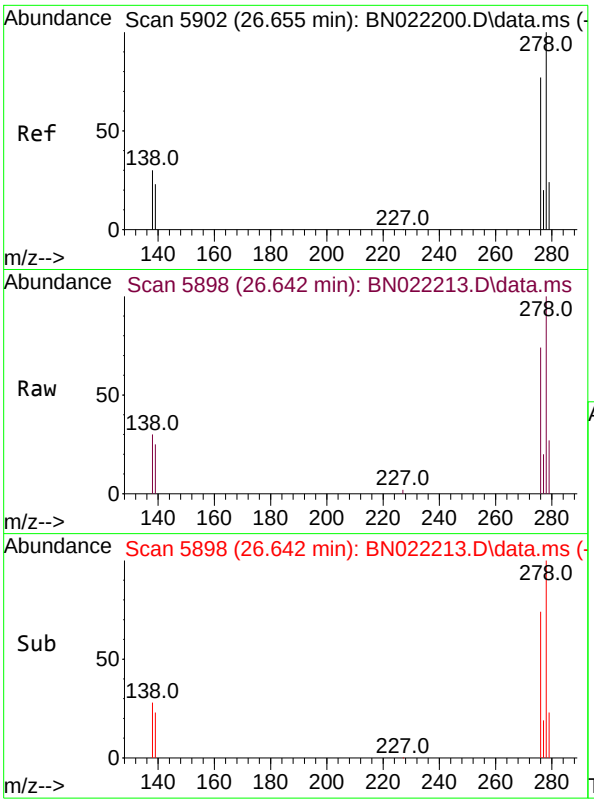


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.323 ng/ul
RT: 26.618 min Scan# 5891
Delta R.T. -0.017 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Tgt Ion:276 Resp: 15523

Ion	Ratio	Lower	Upper
276	100		
138	35.4	27.7	41.5
227	0.3	0.2	0.2#



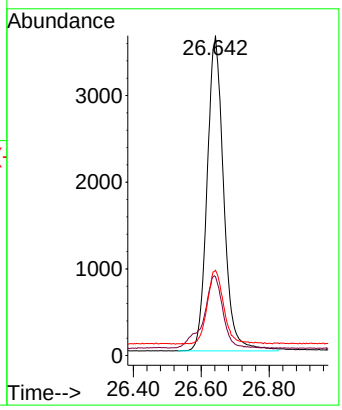


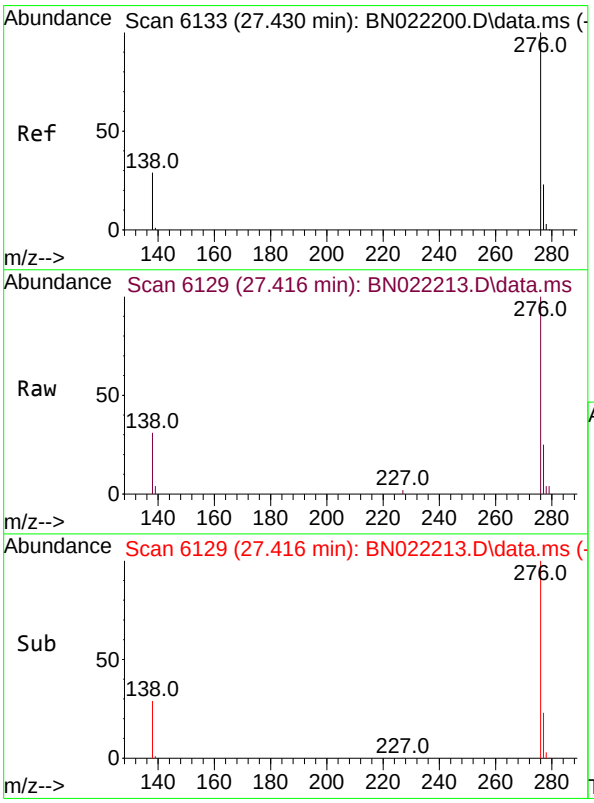
#28
Dibenzo(a,h)anthracene
Concen: 0.320 ng/ul
RT: 26.642 min Scan# 58
Delta R.T. -0.014 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Instrument :
BNA_N
ClientSampleId :
SLCS270

Tgt Ion:278 Resp: 12289

Ion	Ratio	Lower	Upper
278	100		
139	24.7	19.6	29.4
279	26.7	20.6	30.8





#29
Benzo(g,h,i)perylene
Concen: 0.307 ng/ul
RT: 27.416 min Scan# 6129
Delta R.T. -0.014 min
Lab File: BN022213.D
Acq: 20 Oct 2022 01:28

Tgt Ion:276 Resp: 12014

Ion	Ratio	Lower	Upper
276	100		
138	31.4	25.2	37.8
277	24.8	19.9	29.9