Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022196.D
Acq On : 19 Oct 2022 14:26
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SICV208

Quant Time: Oct 19 23:34:13 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	4885	0.400	ng/ul	0.00
4) Naphthalene-d8	10.783	136	15233	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.628	164	8881	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.383	188	18863	0.400	ng/ul	0.00
17) Chrysene-d12	21.582	240	14669	0.400	ng/ul	0.00
23) Perylene-d12	24.049	264	11277	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.261	96	2574	0.405	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.378	152	10212	0.443	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	21092	0.428	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.295	88	2486	0.381	ng/ul	96
5) Naphthalene	10.833	128	19935	0.443	ng/ul	99
7) 2-Methylnaphthalene	12.450	142	13144	0.464	ng/ul	99
8) 1-Methylnaphthalene	12.670	142	12770	0.438	ng/ul	100
10) Acenaphthylene	14.346	152	18893	0.474	ng/ul	99
11) Acenaphthene	14.688	153	14575	0.433	ng/ul	100
12) Fluorene	15.678	166	16588	0.425	ng/ul	100
14) Pentachlorophenol	17.032	266	1884	0.420	ng/ul	100
15) Phenanthrene	17.425	178	27191	0.429	ng/ul	99
16) Anthracene	17.514	178	22487	0.421	ng/ul	100
19) Fluoranthene	19.445	202	28971	0.431	ng/ul	99
20) Pyrene	19.812	202	29789	0.441	ng/ul	98
21) Benzo(a)anthracene	21.567	228	23329	0.424	ng/ul	100
22) Chrysene	21.620	228	24438	0.419	ng/ul	99
24) Benzo(b)fluoranthene	23.289	252	25230	0.446	ng/ul	97
25) Benzo(k)fluoranthene	23.339	252	23018	0.418	ng/ul	99
26) Benzo(a)pyrene	23.938	252	21452	0.475	ng/ul	95
27) Indeno(1,2,3-cd)pyrene	26.632	276	22955	0.409	ng/ul#	97
28) Dibenzo(a,h)anthracene	26.659	278	18988	0.424	ng/ul	99
29) Benzo(g,h,i)perylene	27.433	276	18509	0.405	ng/ul	98

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

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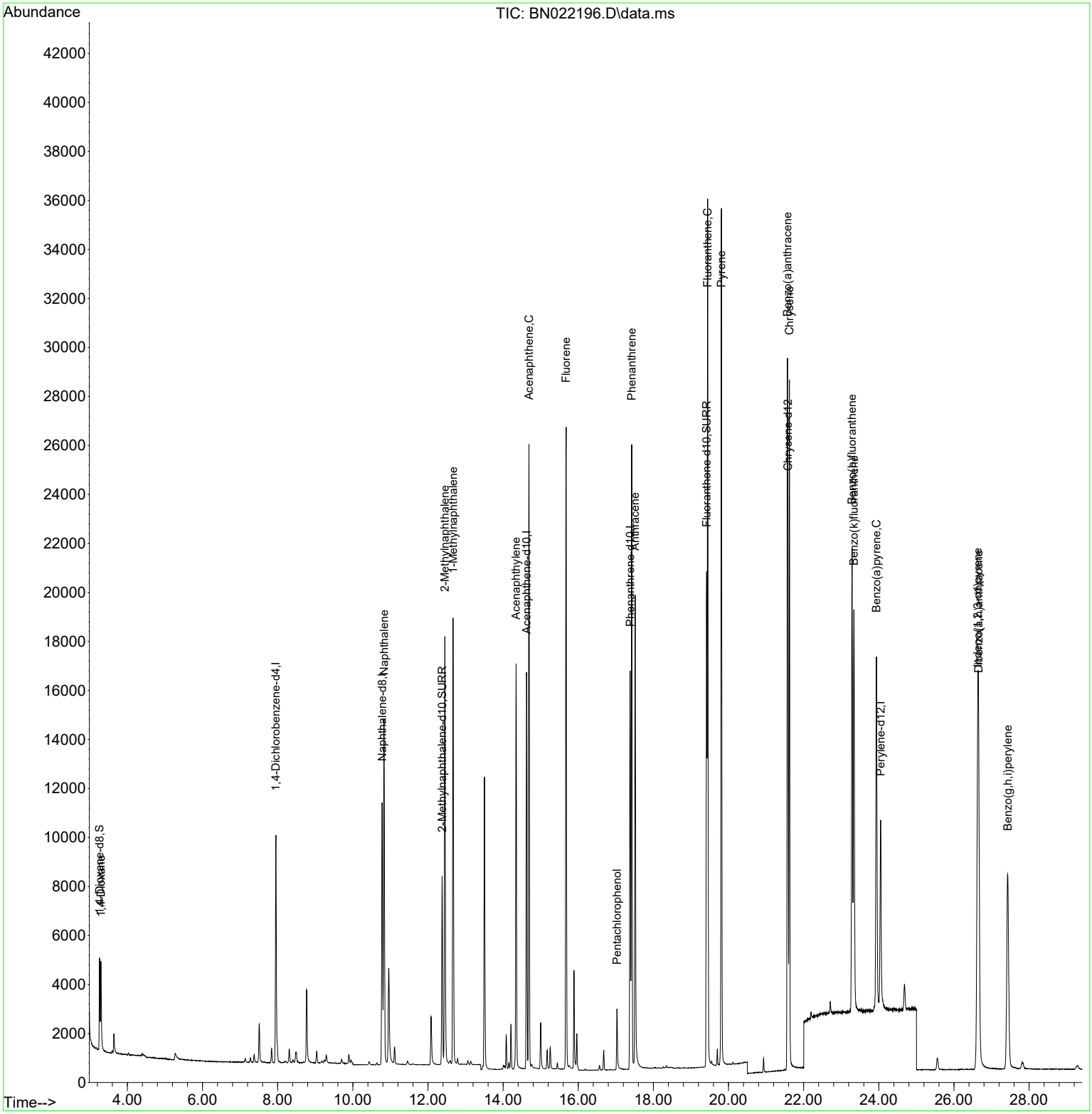
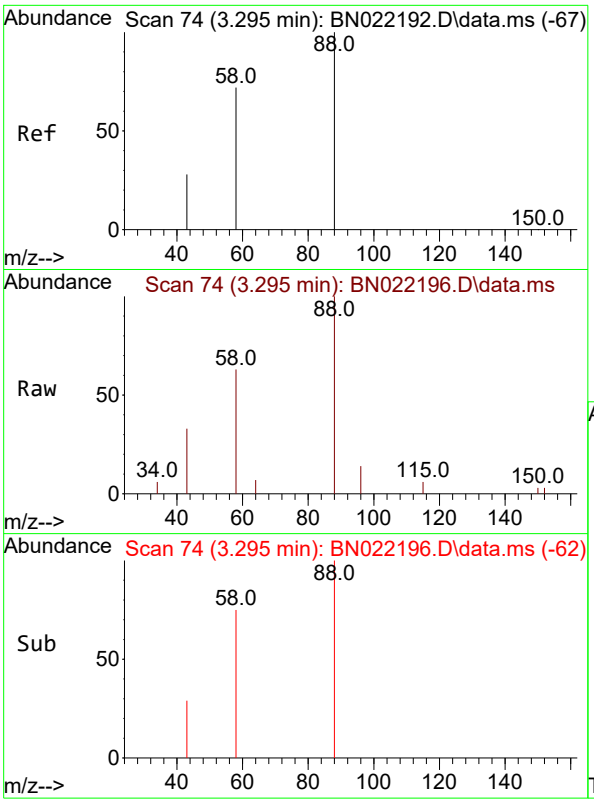


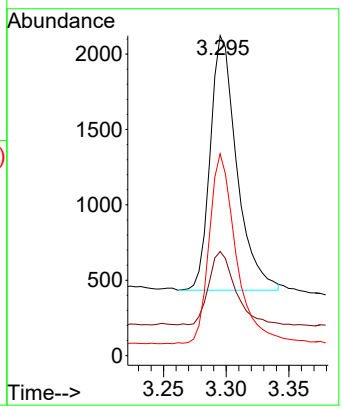


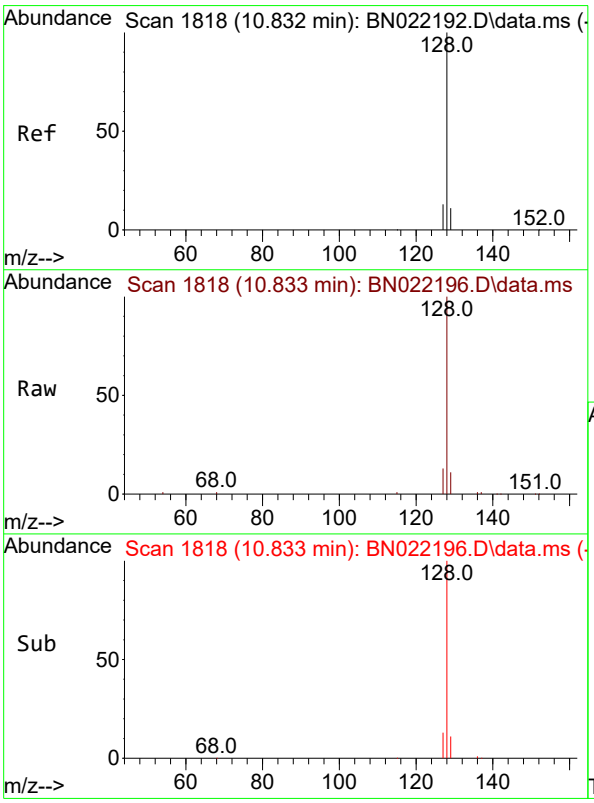
#2
1,4-Dioxane
Concen: 0.381 ng/ul
RT: 3.295 min Scan# 7
Delta R.T. 0.000 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion: 88 Resp: 2486

Ion	Ratio	Lower	Upper
88	100		
43	32.5	27.4	41.2
58	63.1	48.2	72.2

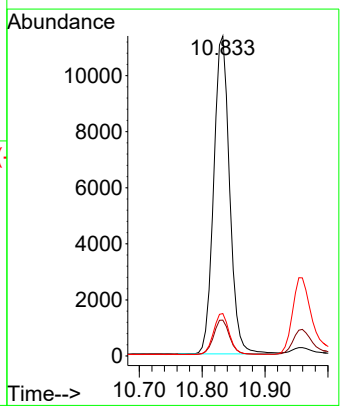


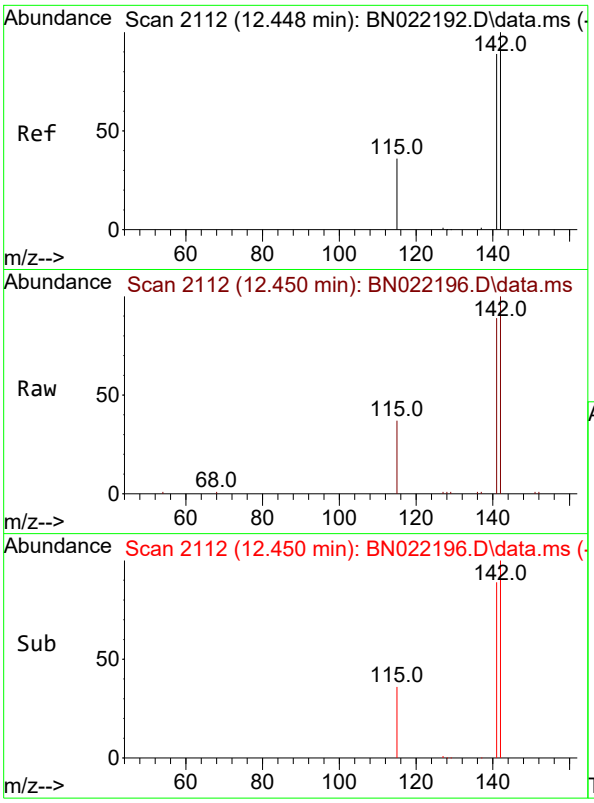


#5
Naphthalene
Concen: 0.443 ng/ul
RT: 10.833 min Scan# 1818
Delta R.T. 0.001 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Tgt Ion:128 Resp: 19935

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.3	13.9
127	13.2	10.7	16.1



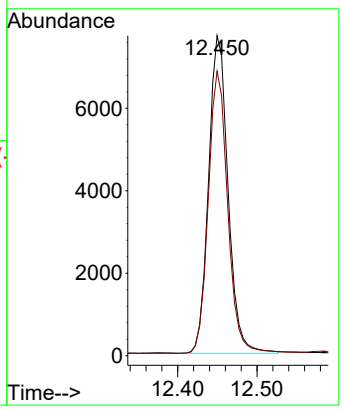


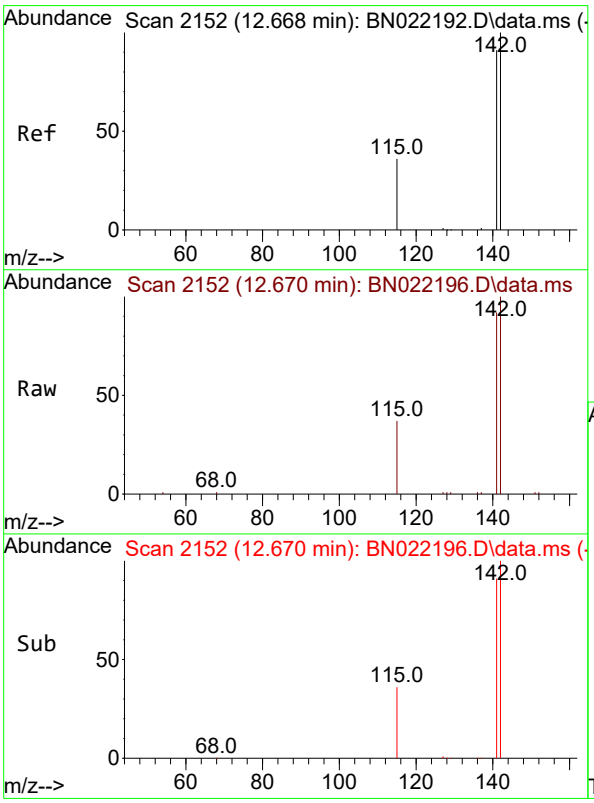
#7
2-Methylnaphthalene
Concen: 0.464 ng/ul
RT: 12.450 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:142 Resp: 13144

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.1	106.7

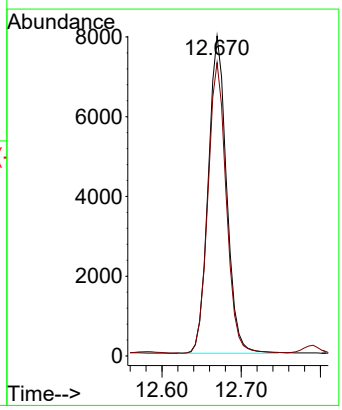


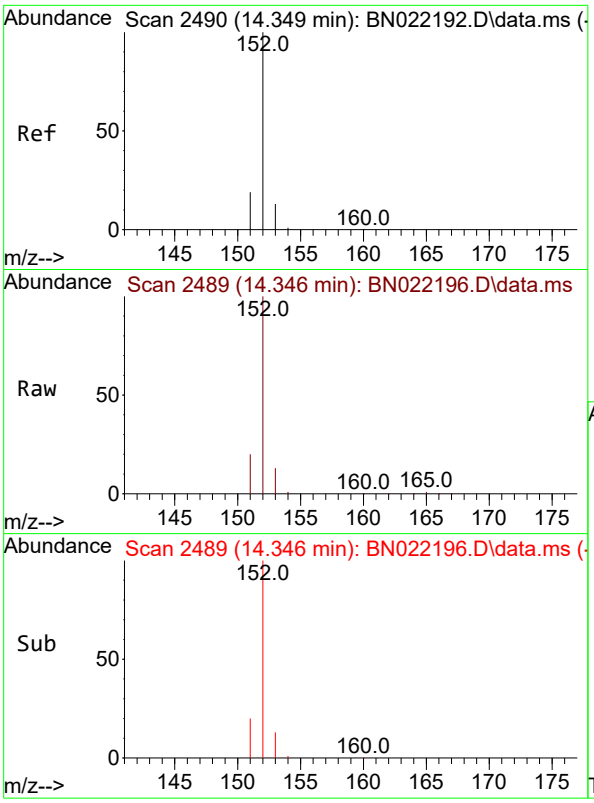


#8
1-Methylnaphthalene
Concen: 0.438 ng/ul
RT: 12.670 min Scan# 2152
Delta R.T. 0.001 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Tgt Ion:142 Resp: 12770

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.3	109.9



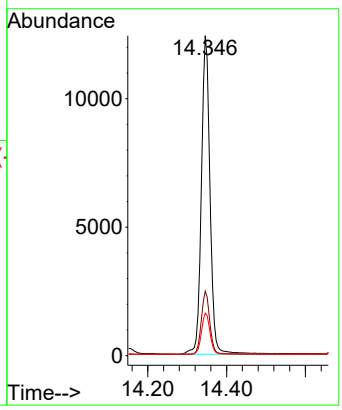


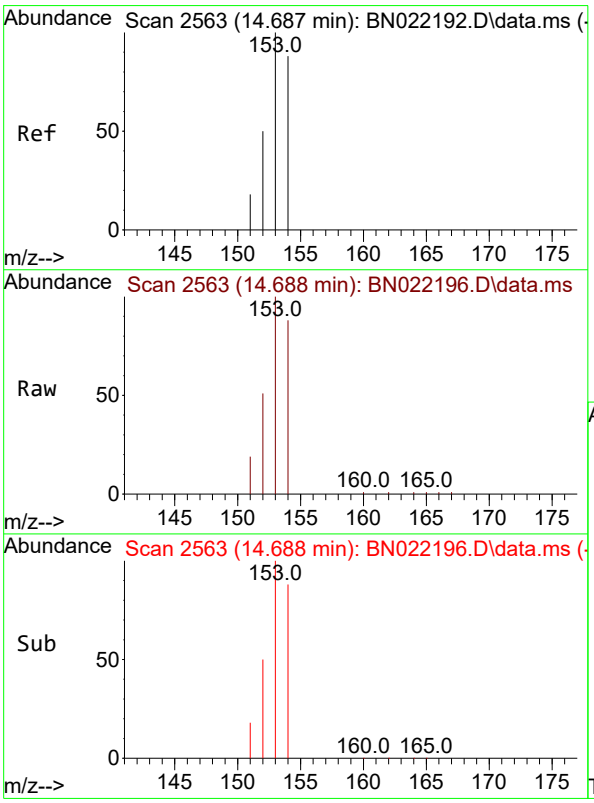
#10
Acenaphthylene
Concen: 0.474 ng/ul
RT: 14.346 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:152 Resp: 18893

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.9	23.9
153	13.3	10.8	16.2

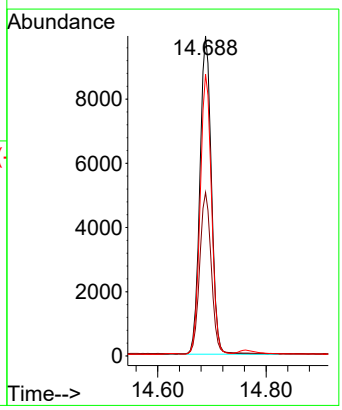


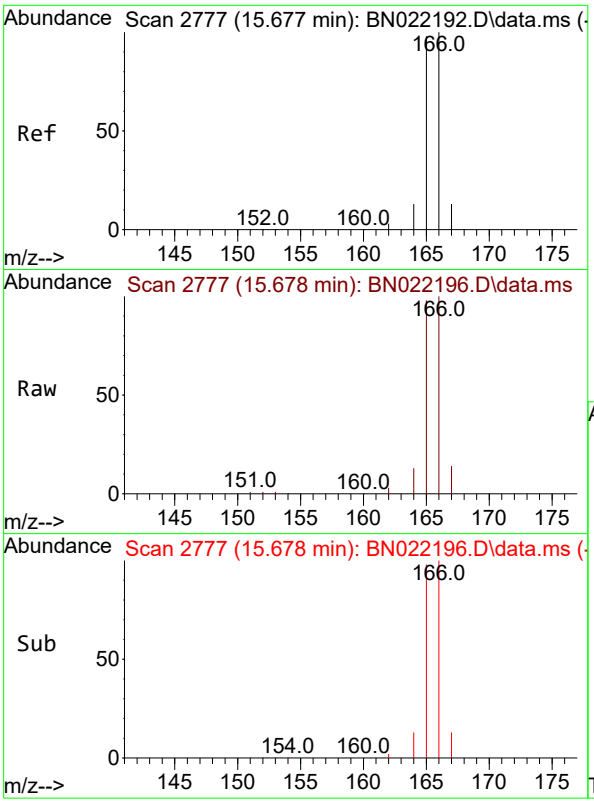


#11
Acenaphthene
Concen: 0.433 ng/ul
RT: 14.688 min Scan# 2563
Delta R.T. 0.001 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Tgt Ion:153 Resp: 14575

Ion	Ratio	Lower	Upper
153	100		
152	51.1	40.6	61.0
154	88.0	70.6	106.0



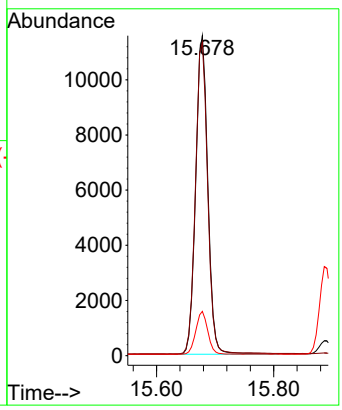


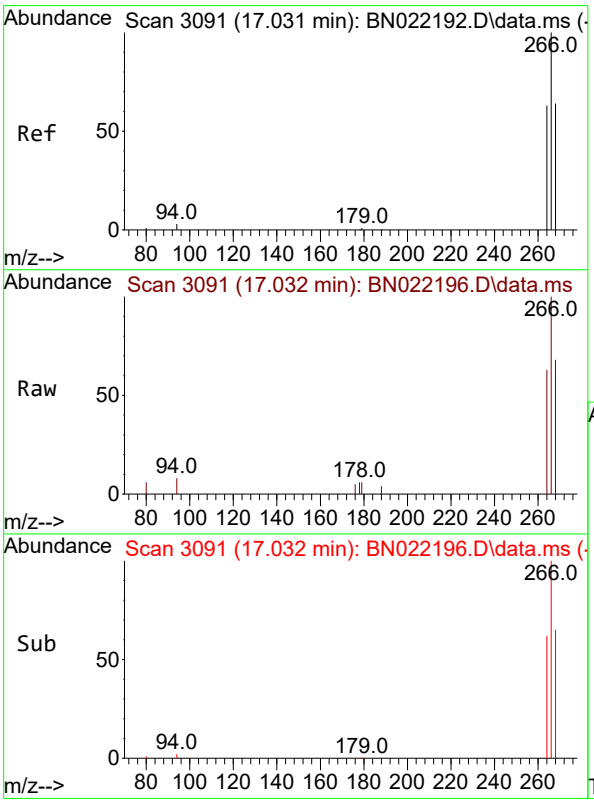
#12
Fluorene
Concen: 0.425 ng/ul
RT: 15.678 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:166 Resp: 16588

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.2
167	13.9	11.0	16.4

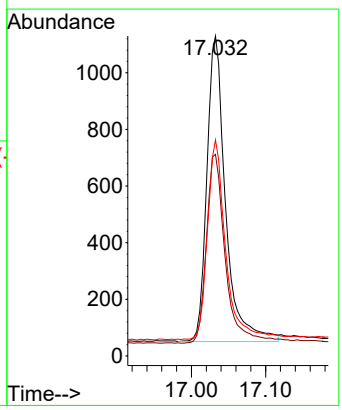


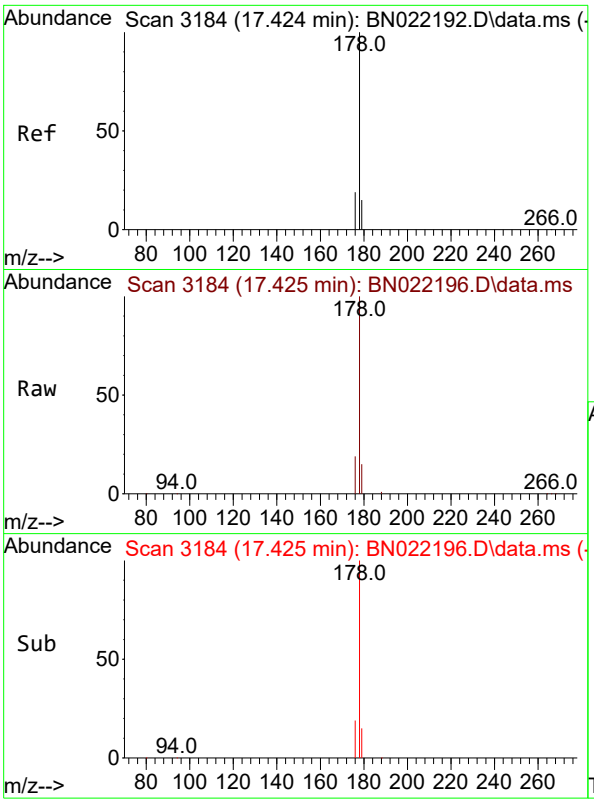


#14
Pentachlorophenol
Concen: 0.420 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. 0.001 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Tgt Ion:266 Resp: 1884

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.8	74.6
268	63.9	51.4	77.2



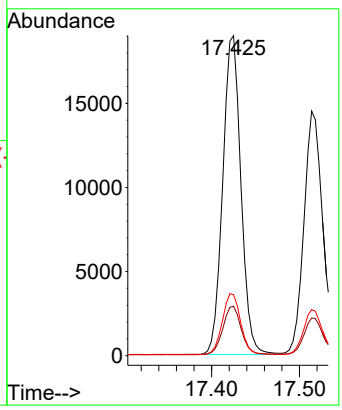


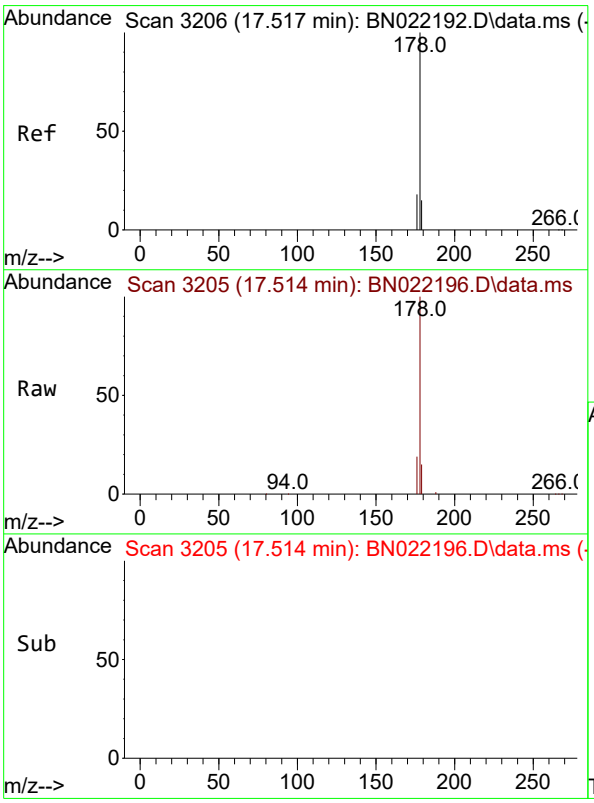
#15
Phenanthrene
Concen: 0.429 ng/ul
RT: 17.425 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:178 Resp: 27191

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

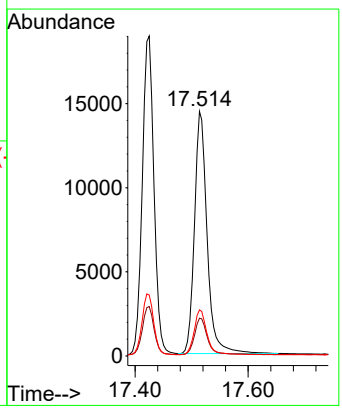


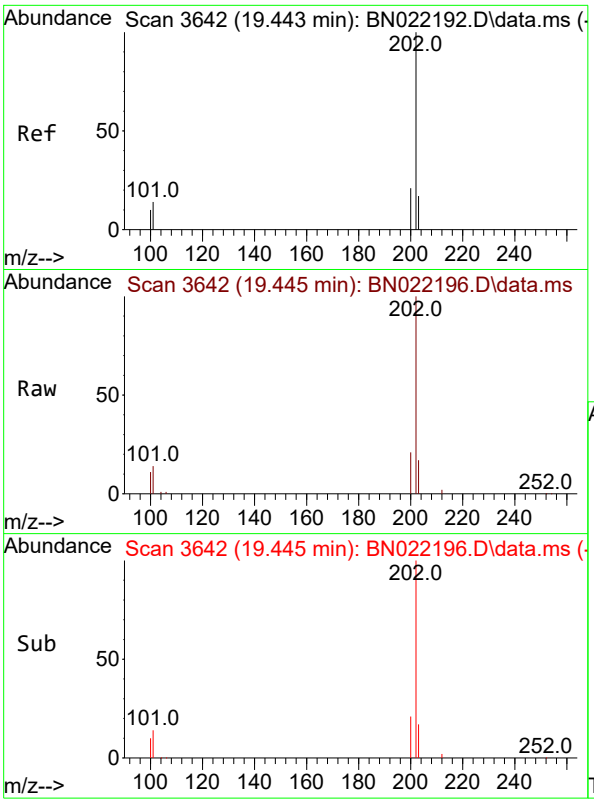


#16
Anthracene
Concen: 0.421 ng/ul
RT: 17.514 min Scan# 3205
Delta R.T. -0.003 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Tgt Ion:178 Resp: 22487

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	18.9	15.0	22.6



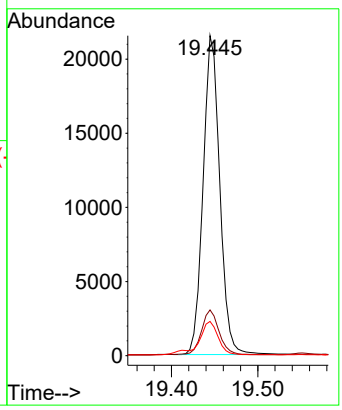


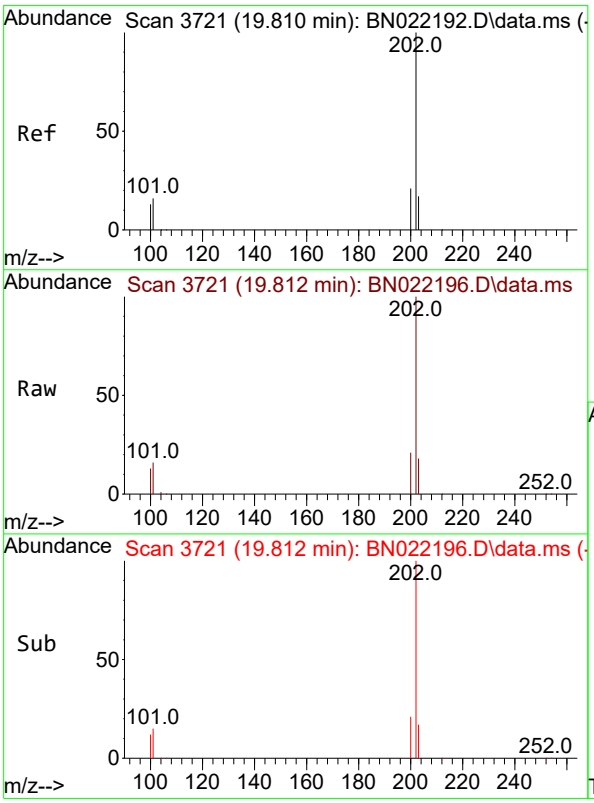
#19
Fluoranthene
Concen: 0.431 ng/ul
RT: 19.445 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:202 Resp: 28971

Ion	Ratio	Lower	Upper
202	100		
101	14.3	11.8	17.6
100	10.7	8.7	13.1

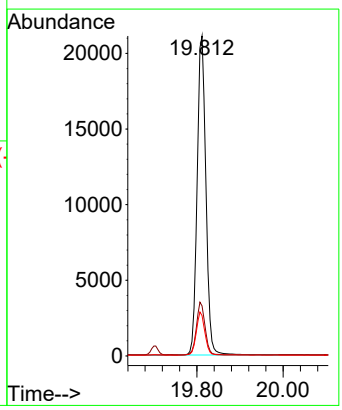


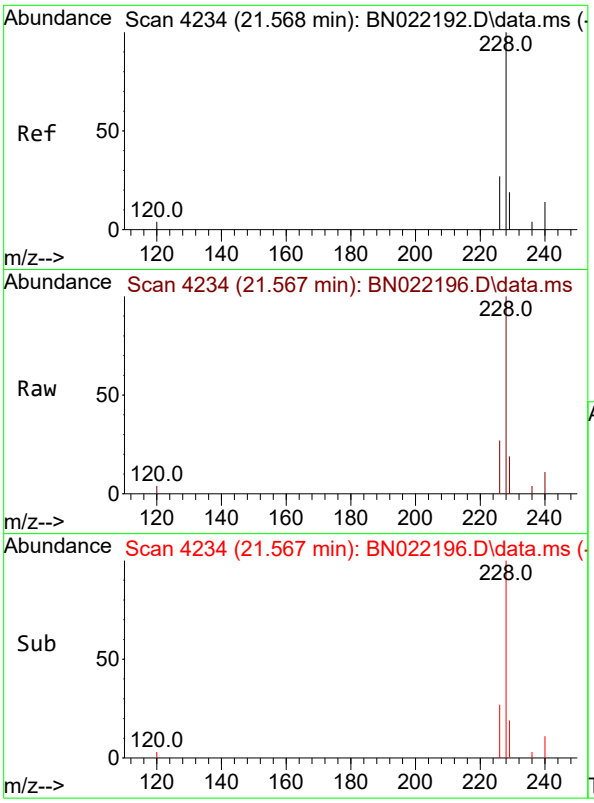


#20
Pyrene
Concen: 0.441 ng/ul
RT: 19.812 min Scan# 3721
Delta R.T. 0.001 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Tgt Ion:202 Resp: 29789

Ion	Ratio	Lower	Upper
202	100		
101	15.7	13.1	19.7
100	12.6	10.6	16.0



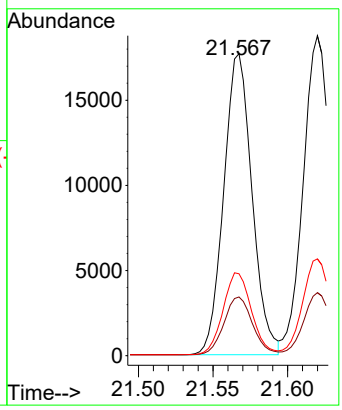


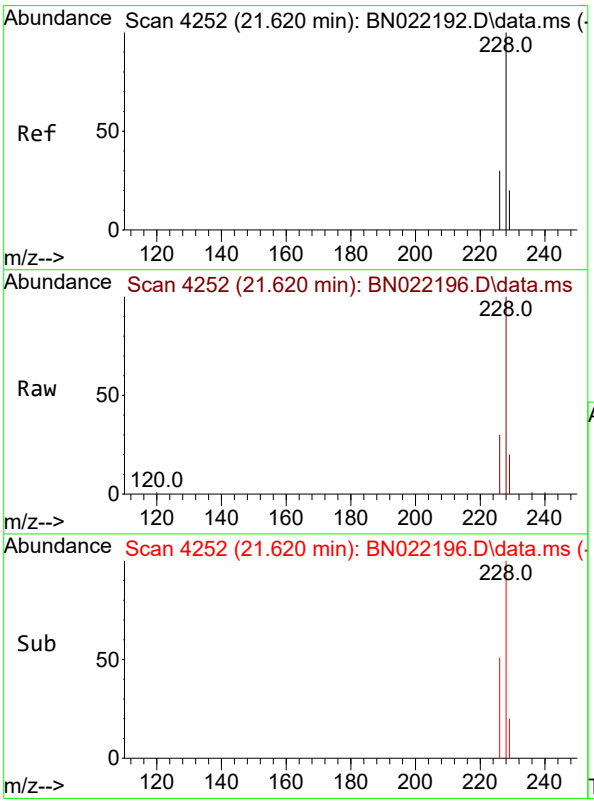
#21
Benzo(a)anthracene
Concen: 0.424 ng/ul
RT: 21.567 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:228 Resp: 23329

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.7	23.5
226	27.1	21.5	32.3

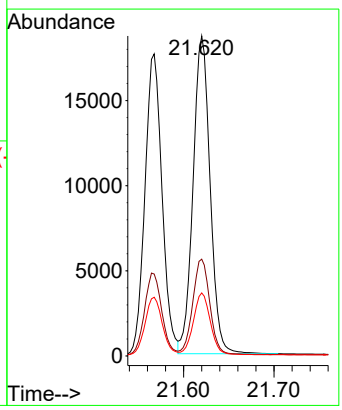


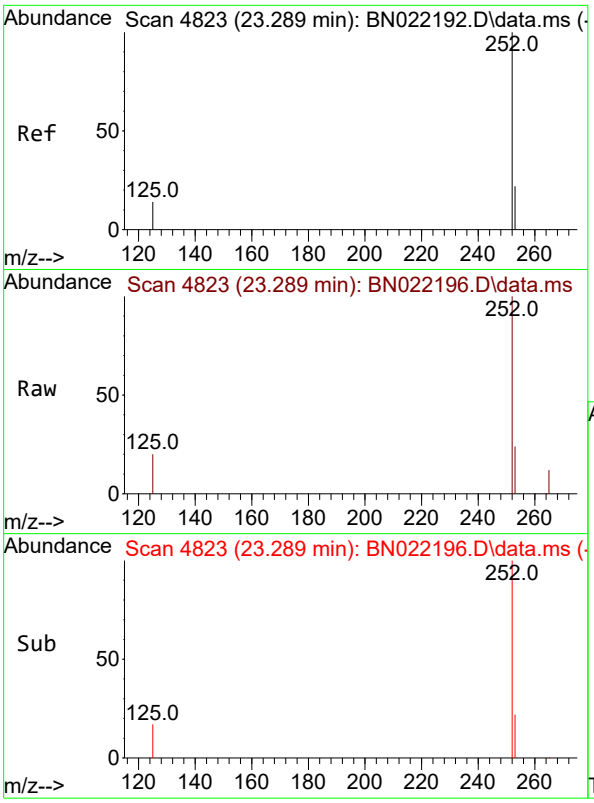


#22
Chrysene
Concen: 0.419 ng/ul
RT: 21.620 min Scan# 4252
Delta R.T. -0.000 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Tgt Ion:228 Resp: 24438

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.7	15.9	23.9



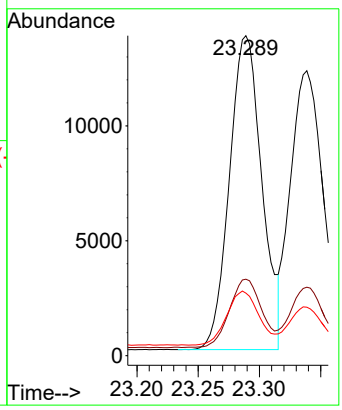


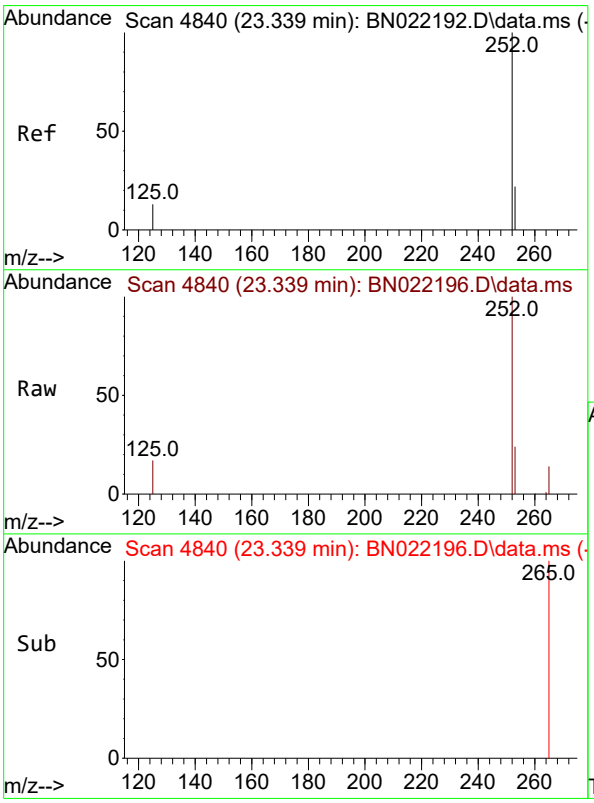
#24
Benzo(b)fluoranthene
Concen: 0.446 ng/ul
RT: 23.289 min Scan# 4
Delta R.T. -0.000 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:252 Resp: 25230

Ion	Ratio	Lower	Upper
252	100		
253	23.9	0.0	49.0
125	19.6	0.0	35.2

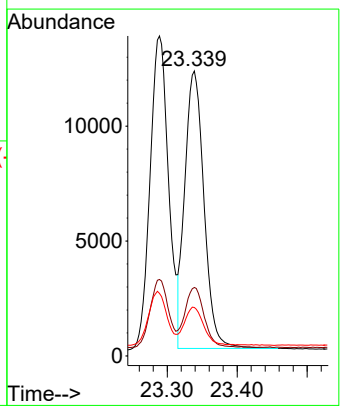


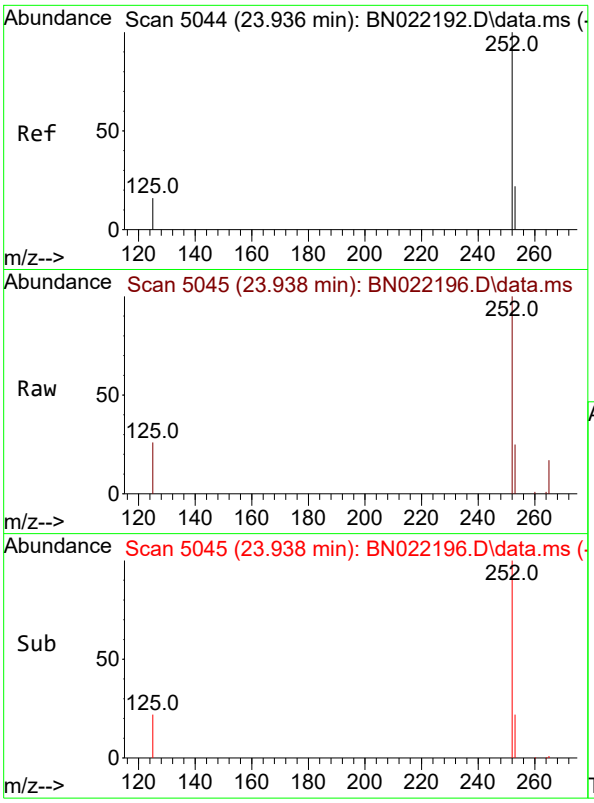


#25
Benzo(k)fluoranthene
Concen: 0.418 ng/ul
RT: 23.339 min Scan# 4840
Delta R.T. -0.000 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Tgt Ion:252 Resp: 23018

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.7	29.5
125	17.0	14.0	21.0



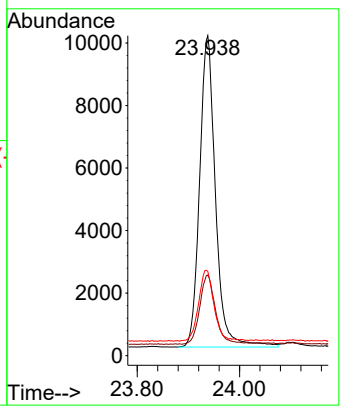


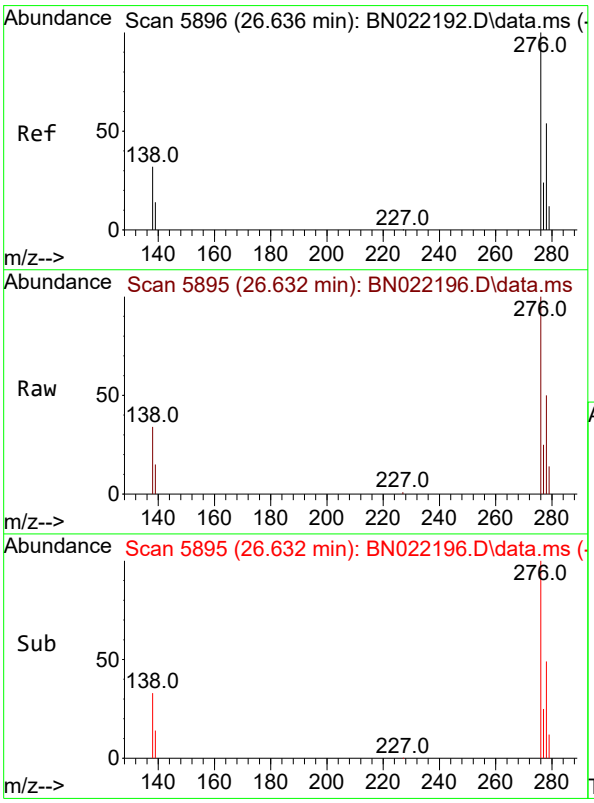
#26
Benzo(a)pyrene
Concen: 0.475 ng/ul
RT: 23.938 min Scan# 5
Delta R.T. 0.002 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:252 Resp: 21452

Ion	Ratio	Lower	Upper
252	100		
253	25.2	21.0	31.6
125	26.4	17.9	26.9

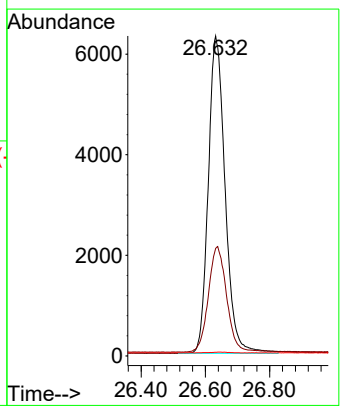


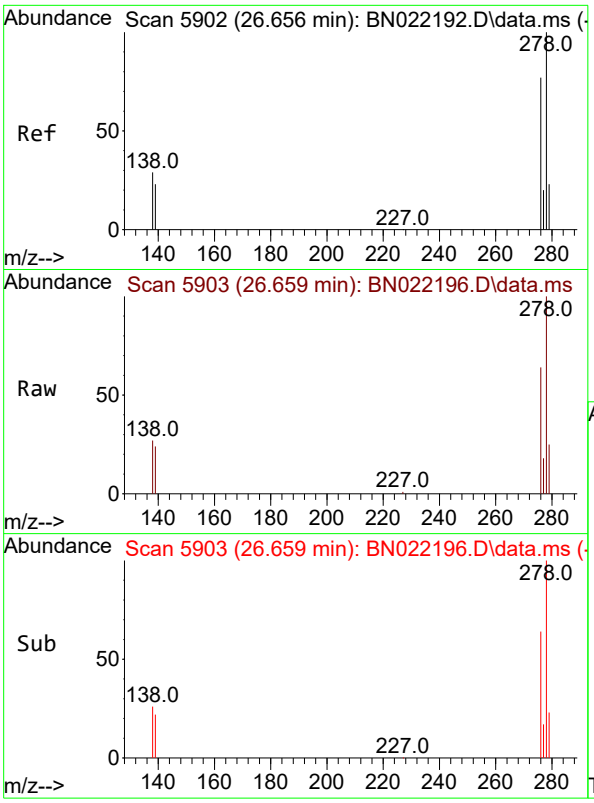


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.409 ng/ul
RT: 26.632 min Scan# 5895
Delta R.T. -0.004 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Tgt Ion:276 Resp: 22955

Ion	Ratio	Lower	Upper
276	100		
138	36.4	27.7	41.5
227	0.3	0.2	0.2#



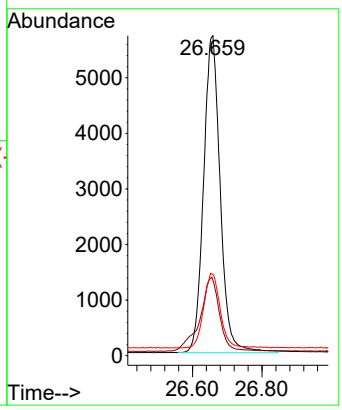


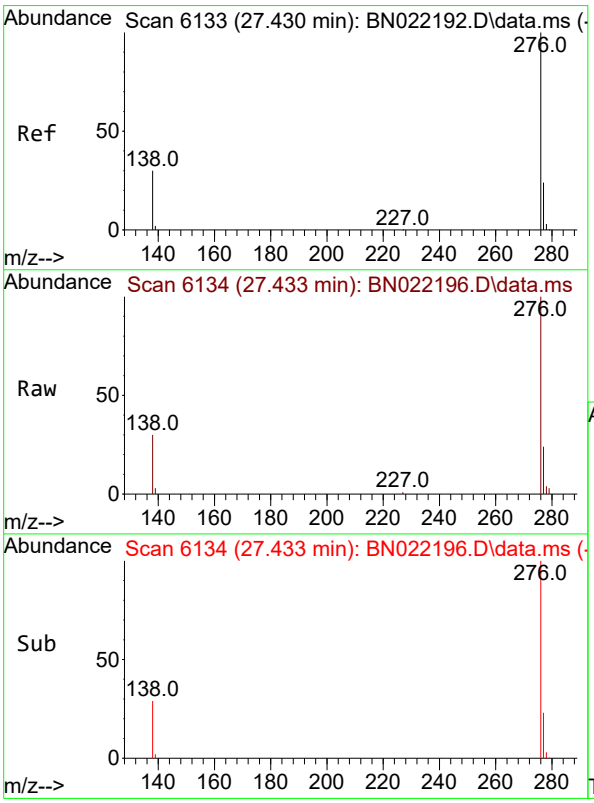
#28
Dibenzo(a,h)anthracene
Concen: 0.424 ng/ul
RT: 26.659 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Instrument :
BNA_N
ClientSampleId :
SICV208

Tgt Ion:278 Resp: 18988

Ion	Ratio	Lower	Upper
278	100		
139	23.5	19.6	29.4
279	25.4	20.6	30.8





#29
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 27.433 min Scan# 6134
Delta R.T. 0.003 min
Lab File: BN022196.D
Acq: 19 Oct 2022 14:26

Tgt Ion:276 Resp: 18509

Ion	Ratio	Lower	Upper
276	100		
138	30.1	25.2	37.8
277	23.8	19.9	29.9