Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022199.D
Acq On : 19 Oct 2022 16:55
Operator : CG/JU
Sample : PB148235BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS235

Quant Time: Oct 20 01:07:03 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	7.957	152	3150	0.400	ng/ul	0.00
4) Naphthalene-d8	10.783	136	9793	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.628	164	5665	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.383	188	12828	0.400	ng/ul	0.00
17) Chrysene-d12	21.585	240	10993	0.400	ng/ul	0.00
23) Perylene-d12	24.049	264	8662	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.257	96	2924	0.714	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.378	152	5499	0.371	ng/ul	0.00
18) Fluoranthene-d10	19.417	212	12758	0.346	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.291	88	7619	1.813	ng/ul	88
5) Naphthalene	10.833	128	10695	0.370	ng/ul	100
7) 2-Methylnaphthalene	12.450	142	6695	0.367	ng/ul	100
8) 1-Methylnaphthalene	12.670	142	7256	0.387	ng/ul	100
10) Acenaphthylene	14.346	152	8935	0.351	ng/ul	99
11) Acenaphthene	14.688	153	7754	0.362	ng/ul	99
12) Fluorene	15.678	166	8954	0.359	ng/ul	99
14) Pentachlorophenol	17.032	266	1687	0.553	ng/ul	99
15) Phenanthrene	17.425	178	15373	0.357	ng/ul	99
16) Anthracene	17.518	178	12713	0.350	ng/ul	99
19) Fluoranthene	19.449	202	17318	0.344	ng/ul	98
20) Pyrene	19.812	202	17664	0.349	ng/ul	100
21) Benzo(a)anthracene	21.567	228	14578	0.354	ng/ul	99
22) Chrysene	21.623	228	16077	0.368	ng/ul	100
24) Benzo(b)fluoranthene	23.292	252	16332	0.375	ng/ul	97
25) Benzo(k)fluoranthene	23.341	252	15328	0.362	ng/ul	99
26) Benzo(a)pyrene	23.941	252	13071	0.377	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.638	276	16775	0.389	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.659	278	13299	0.386	ng/ul	98
29) Benzo(g,h,i)perylene	27.437	276	13498	0.384	ng/ul	99

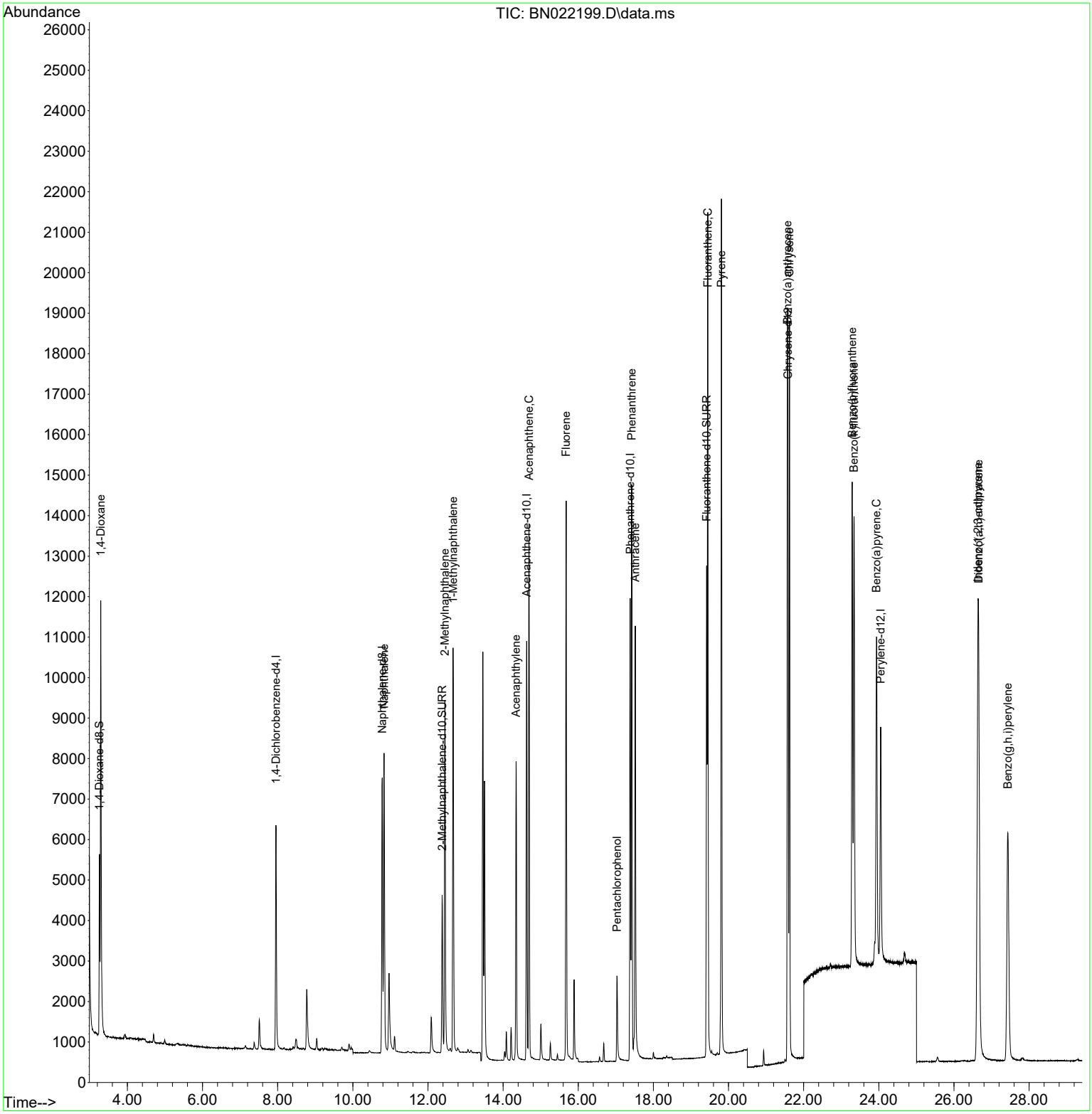
(#) = qualifier out of range (m) = manual integration (+) = signals summed

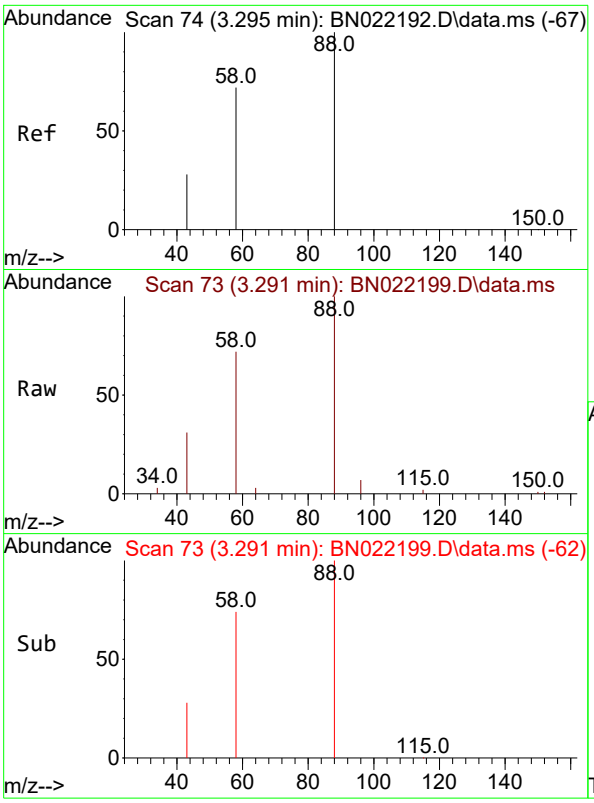
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102022\
Data File : BN022199.D
Acq On : 19 Oct 2022 16:55
Operator : CG/JU
Sample : PB148235BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS235

Quant Time: Oct 20 01:07:03 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



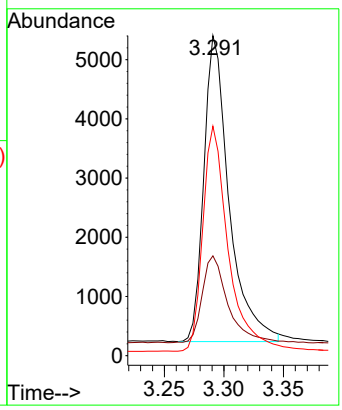


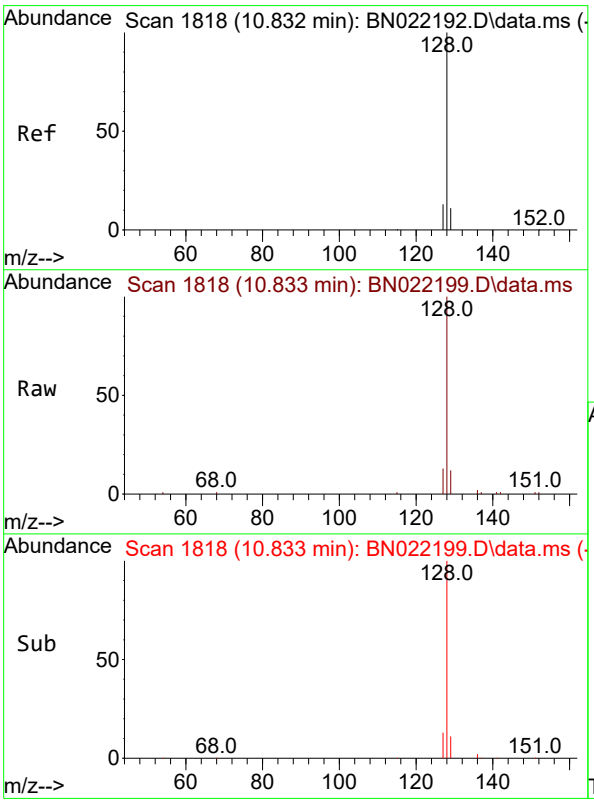
#2
1,4-Dioxane
Concen: 1.813 ng/ul
RT: 3.291 min Scan# 7
Delta R.T. -0.004 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SLCS235

Tgt Ion: 88 Resp: 7619

Ion	Ratio	Lower	Upper
88	100		
43	31.2	27.4	41.2
58	71.7	48.2	72.2

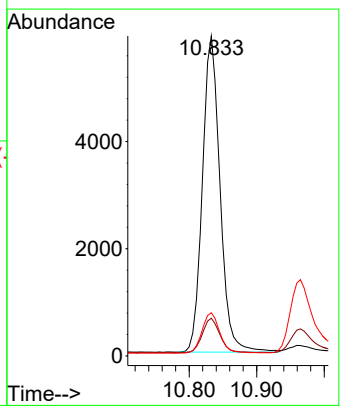


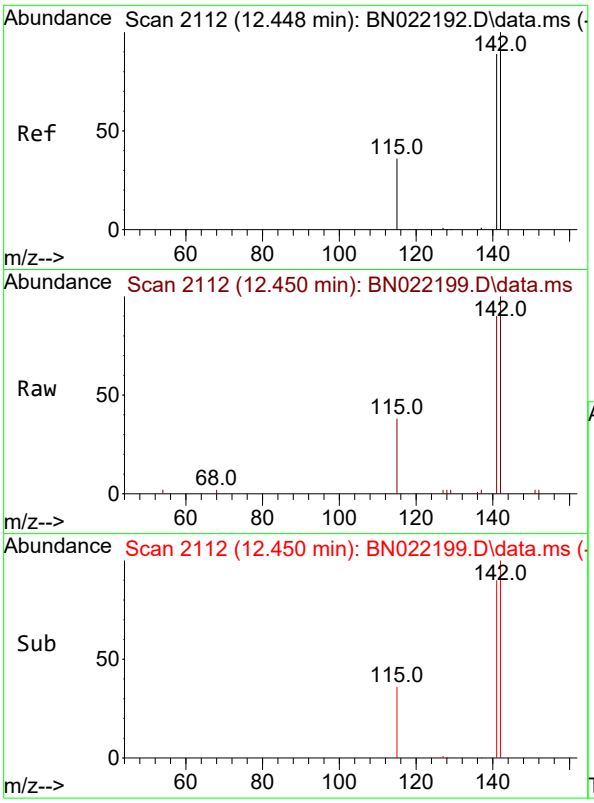


#5
Naphthalene
Concen: 0.370 ng/ul
RT: 10.833 min Scan# 1818
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:128 Resp: 10695

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



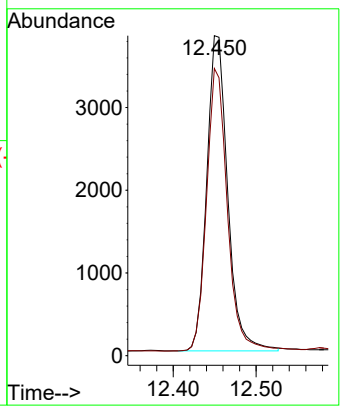


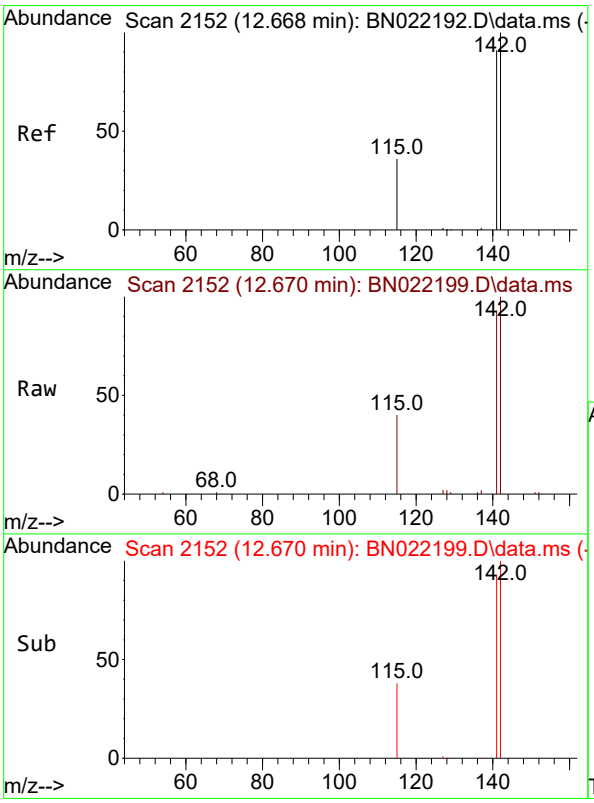
#7
2-Methylnaphthalene
Concen: 0.367 ng/ul
RT: 12.450 min Scan# 21
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SLCS235

Tgt Ion:142 Resp: 6695

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.1	106.7

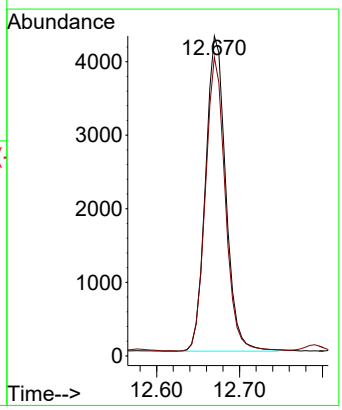


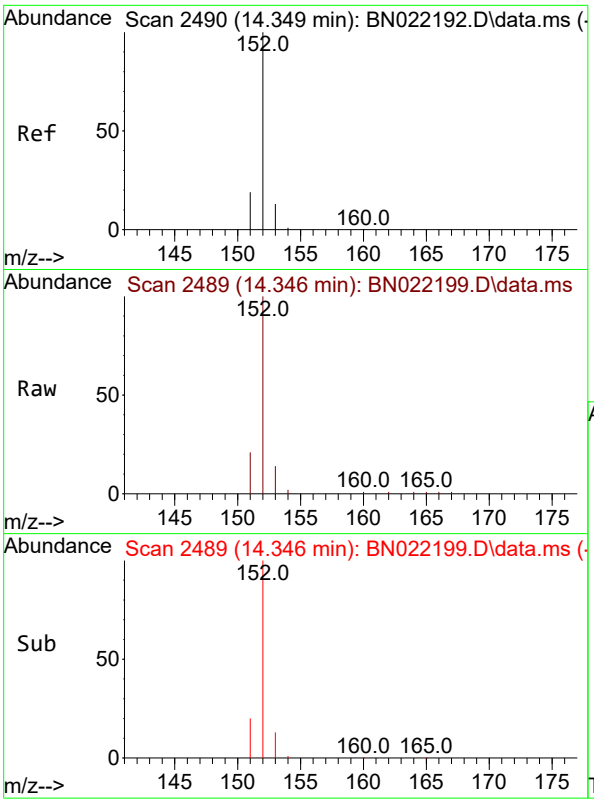


#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.670 min Scan# 2152
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:142 Resp: 7256

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.3	109.9



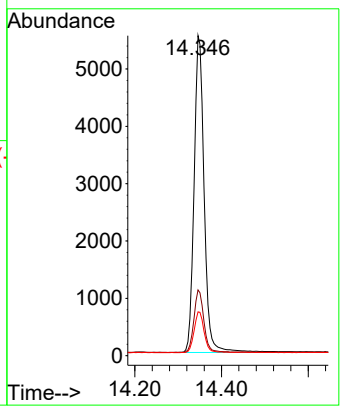


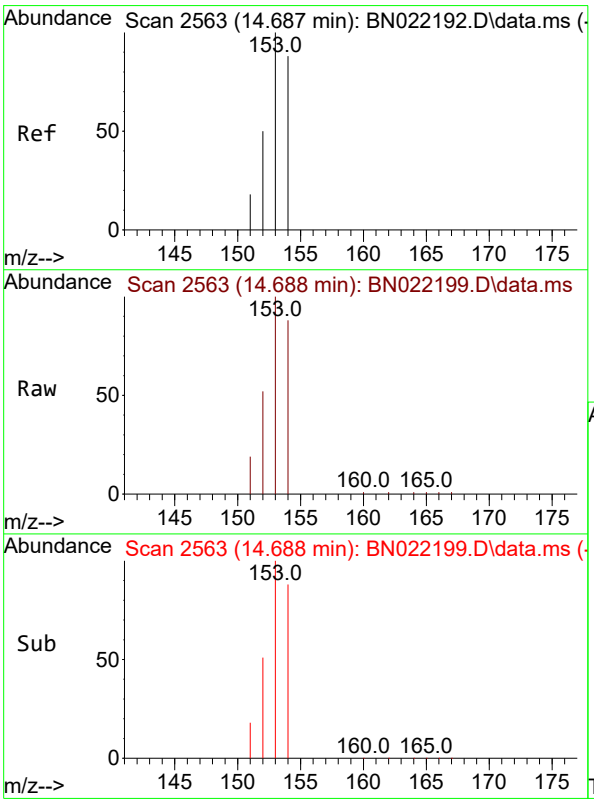
#10
Acenaphthylene
Concen: 0.351 ng/ul
RT: 14.346 min Scan# 24
Delta R.T. -0.003 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SLCS235

Tgt Ion:152 Resp: 8935

Ion	Ratio	Lower	Upper
152	100		
151	20.6	15.9	23.9
153	13.7	10.8	16.2

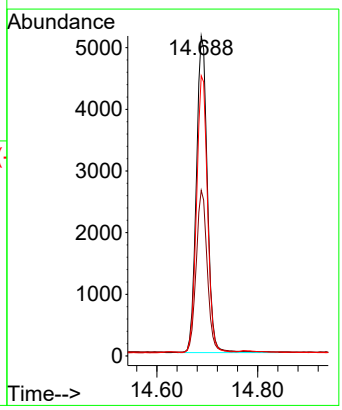


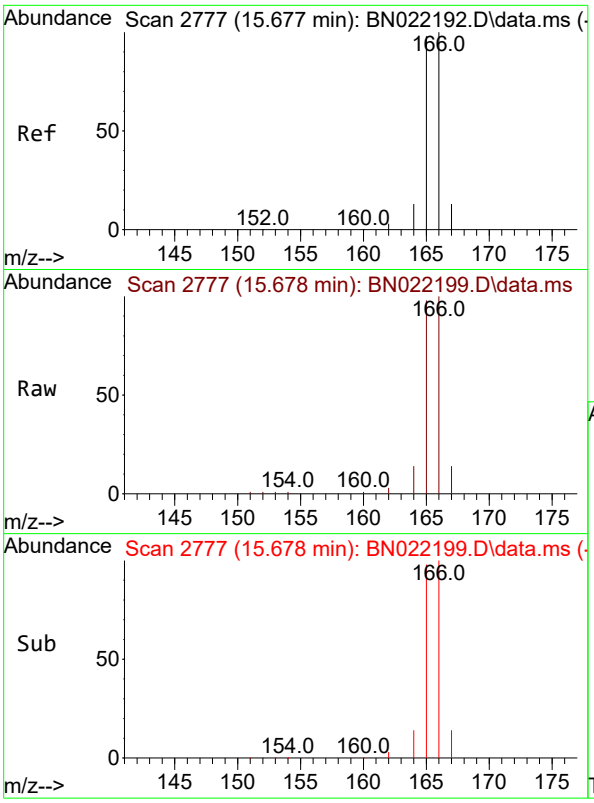


#11
Acenaphthene
Concen: 0.362 ng/ul
RT: 14.688 min Scan# 2563
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:153 Resp: 7754

Ion	Ratio	Lower	Upper
153	100		
152	51.8	40.6	61.0
154	87.6	70.6	106.0



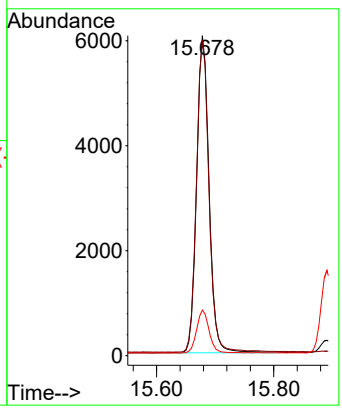


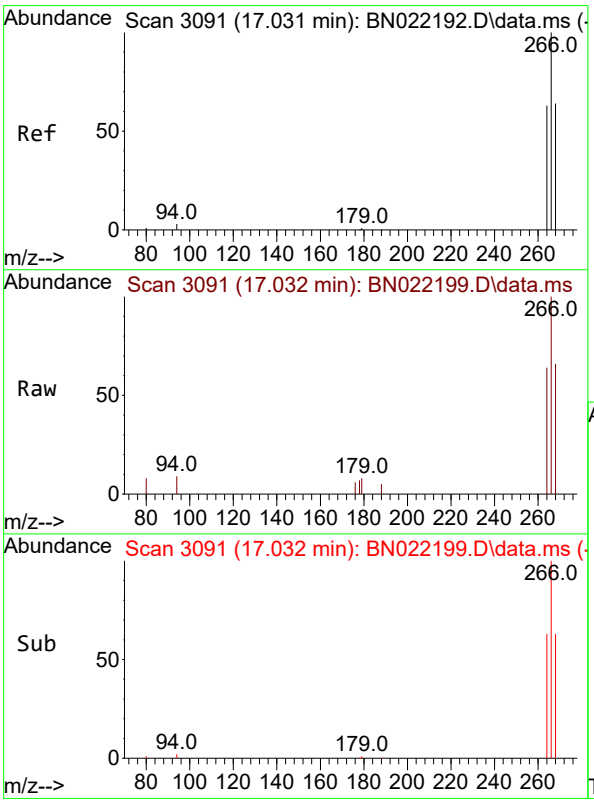
#12
Fluorene
Concen: 0.359 ng/ul
RT: 15.678 min Scan# 2
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SLCS235

Tgt Ion:166 Resp: 8954

Ion	Ratio	Lower	Upper
166	100		
165	98.5	78.2	117.2
167	14.2	11.0	16.4

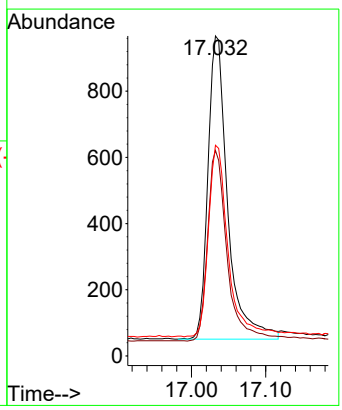


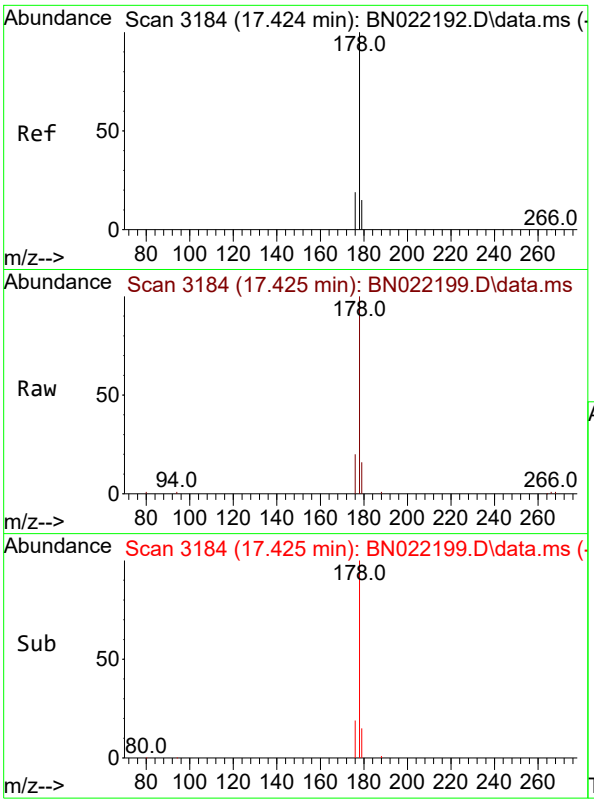


#14
Pentachlorophenol
Concen: 0.553 ng/ul
RT: 17.032 min Scan# 3091
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:266 Resp: 1687

Ion	Ratio	Lower	Upper
266	100		
264	62.5	49.8	74.6
268	63.3	51.4	77.2



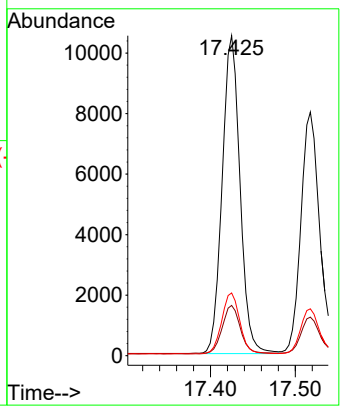


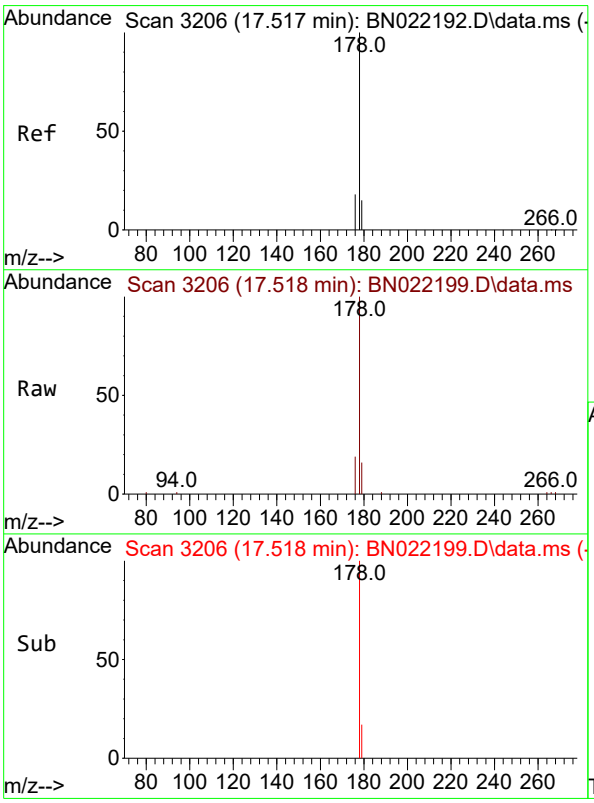
#15
Phenanthrene
Concen: 0.357 ng/ul
RT: 17.425 min Scan# 3
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SLCS235

Tgt Ion:178 Resp: 15373

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.7	19.1
176	19.6	15.4	23.2

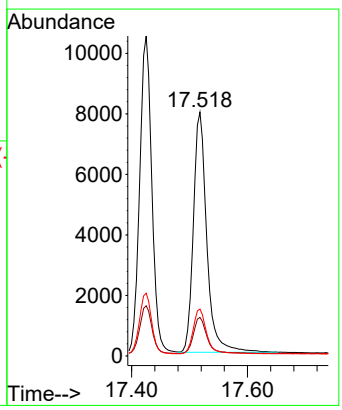


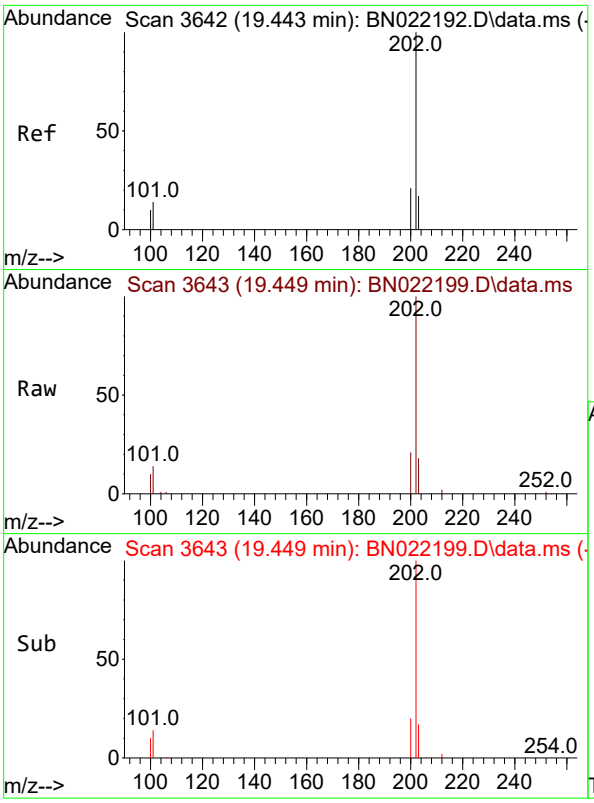


#16
Anthracene
Concen: 0.350 ng/ul
RT: 17.518 min Scan# 3206
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:178 Resp: 12713

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	18.8
176	19.2	15.0	22.6



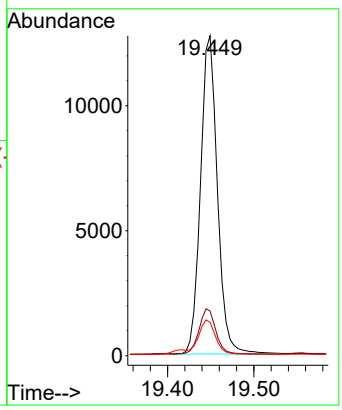


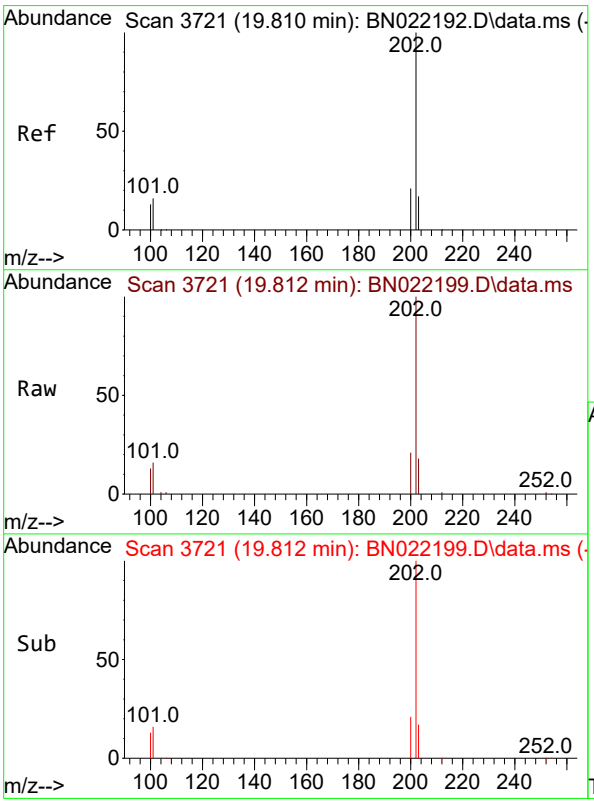
#19
Fluoranthene
Concen: 0.344 ng/ul
RT: 19.449 min Scan# 3
Delta R.T. 0.006 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SLCS235

Tgt Ion:202 Resp: 17318

Ion	Ratio	Lower	Upper
202	100		
101	13.9	11.8	17.6
100	10.5	8.7	13.1

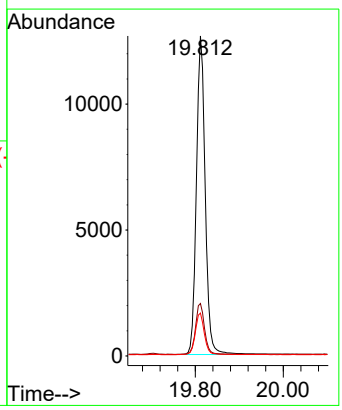


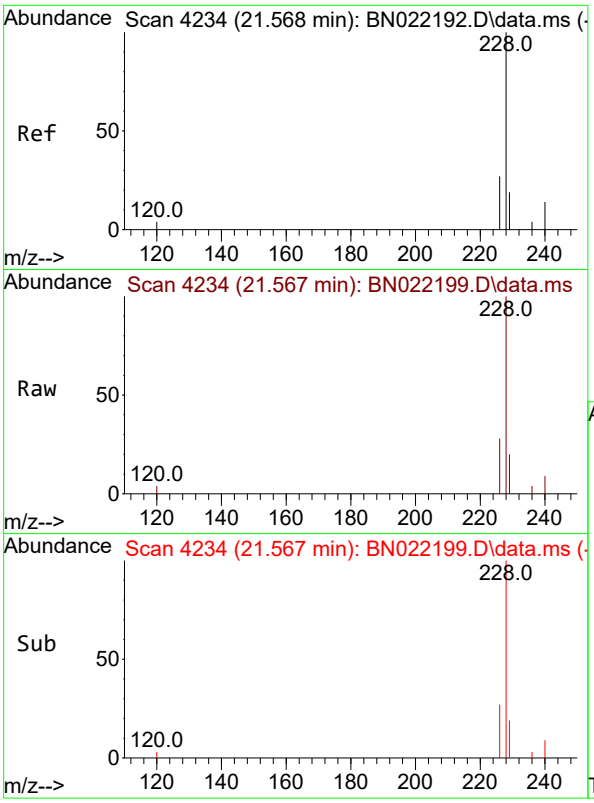


#20
Pyrene
Concen: 0.349 ng/ul
RT: 19.812 min Scan# 3721
Delta R.T. 0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:202 Resp: 17664

Ion	Ratio	Lower	Upper
202	100		
101	16.4	13.1	19.7
100	13.4	10.6	16.0



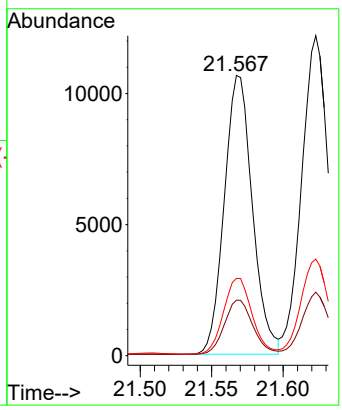


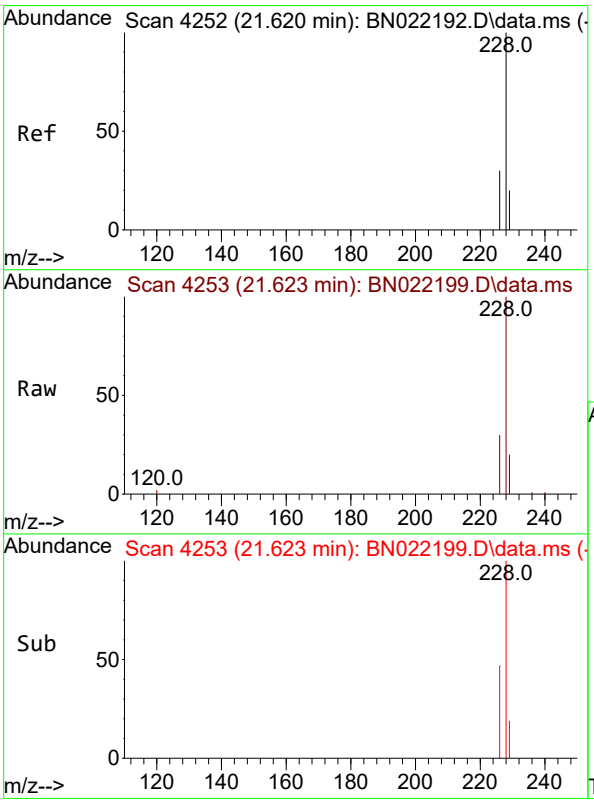
#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.567 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SLCS235

Tgt Ion:228 Resp: 14578

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	27.6	21.5	32.3

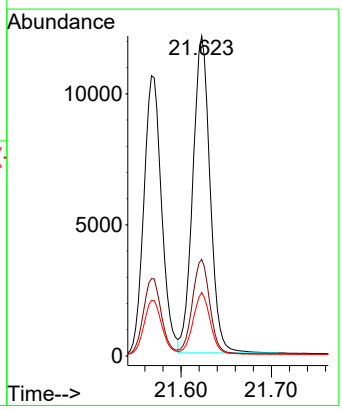


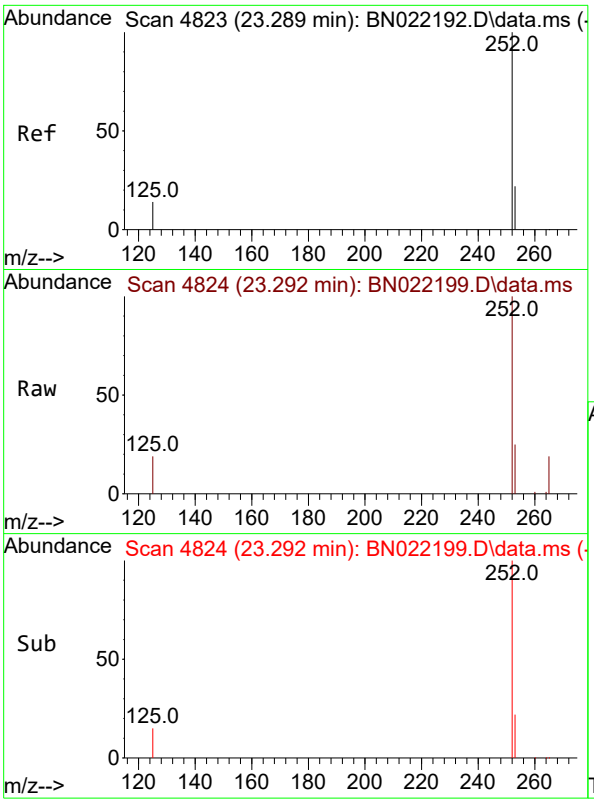


#22
Chrysene
Concen: 0.368 ng/ul
RT: 21.623 min Scan# 4253
Delta R.T. 0.002 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:228 Resp: 16077

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.8	15.9	23.9



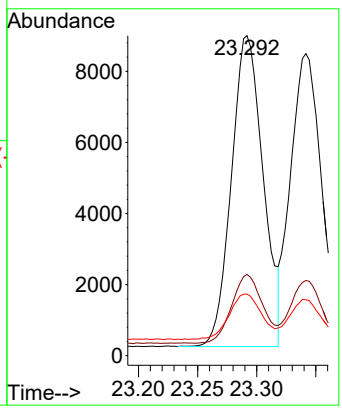


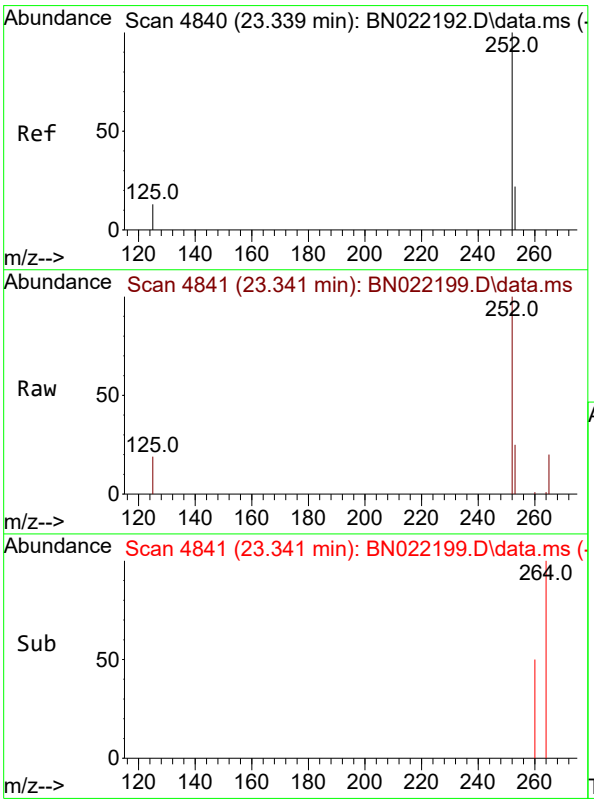
#24
Benzo(b)fluoranthene
Concen: 0.375 ng/ul
RT: 23.292 min Scan# 4
Delta R.T. 0.002 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SLCS235

Tgt Ion:252 Resp: 16332

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	49.0
125	19.2	0.0	35.2

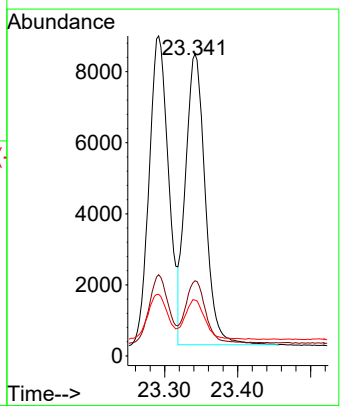


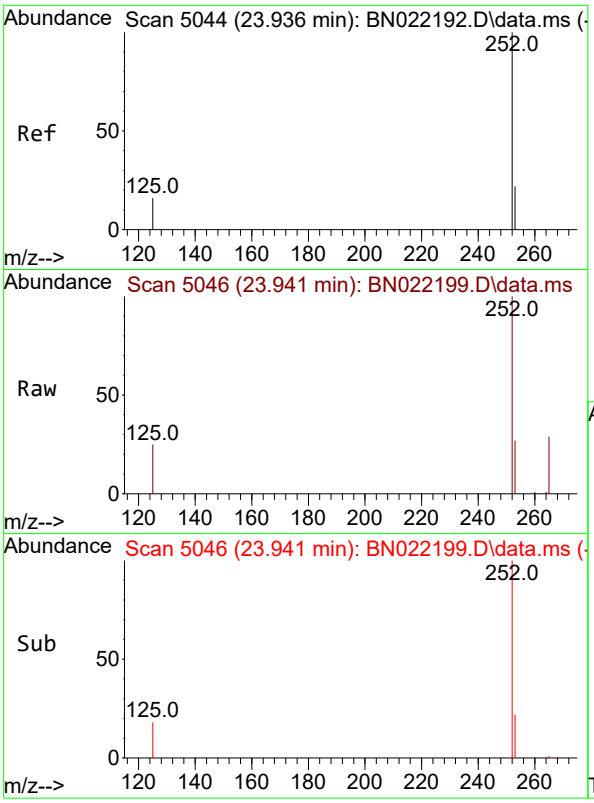


#25
Benzo(k)fluoranthene
Concen: 0.362 ng/ul
RT: 23.341 min Scan# 4841
Delta R.T. 0.002 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:252 Resp: 15328

Ion	Ratio	Lower	Upper
252	100		
253	24.9	19.7	29.5
125	18.5	14.0	21.0



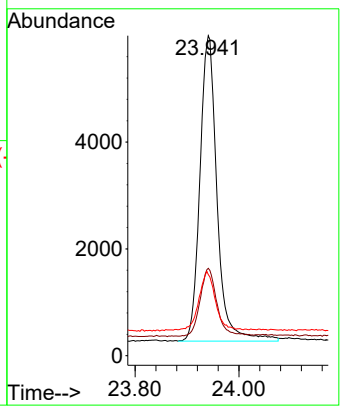


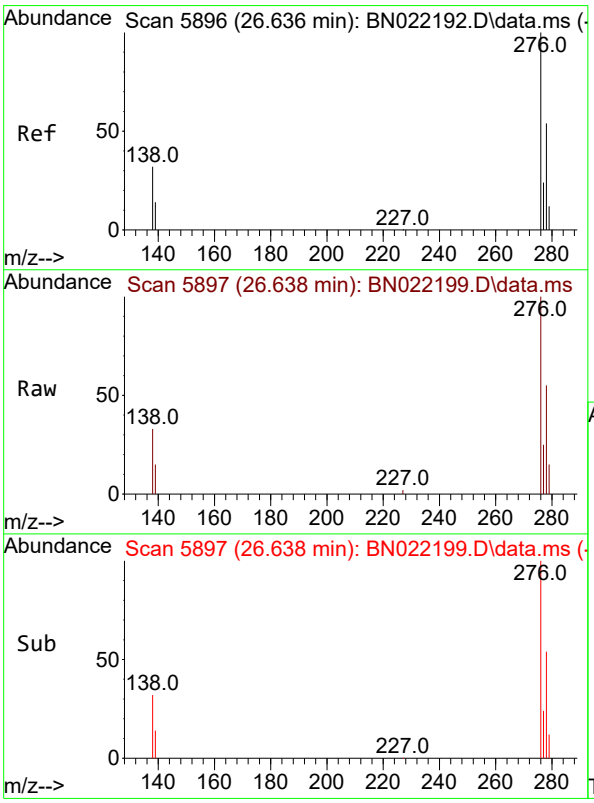
#26
Benzo(a)pyrene
Concen: 0.377 ng/ul
RT: 23.941 min Scan# 5
Delta R.T. 0.005 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SLCS235

Tgt Ion:252 Resp: 13071

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.0	31.6
125	25.3	17.9	26.9

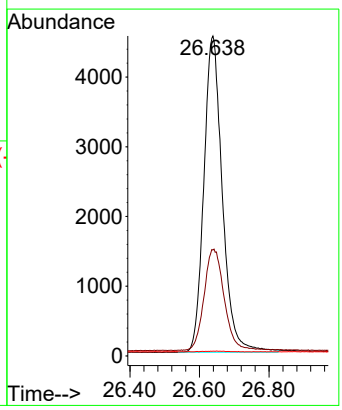


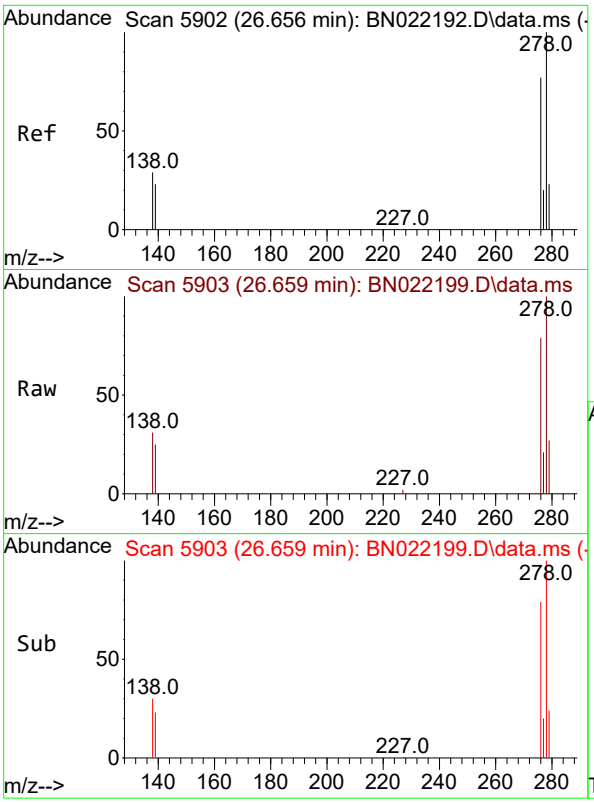


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.389 ng/ul
RT: 26.638 min Scan# 5897
Delta R.T. 0.003 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:276 Resp: 16775

Ion	Ratio	Lower	Upper
276	100		
138	34.8	27.7	41.5
227	0.0	0.2	0.2#



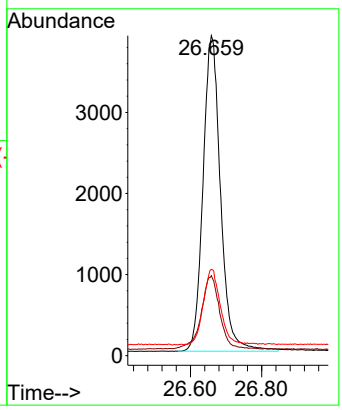


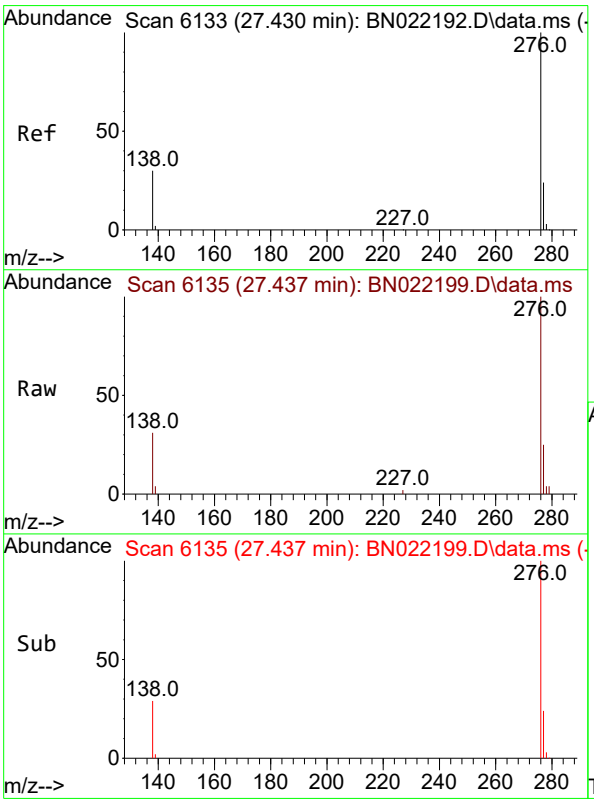
#28
Dibenzo(a,h)anthracene
Concen: 0.386 ng/ul
RT: 26.659 min Scan# 5
Delta R.T. 0.003 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Instrument :
BNA_N
ClientSampleId :
SLCS235

Tgt Ion:278 Resp: 13299

Ion	Ratio	Lower	Upper
278	100		
139	25.0	19.6	29.4
279	26.9	20.6	30.8





#29
Benzo(g,h,i)perylene
Concen: 0.384 ng/ul
RT: 27.437 min Scan# 6135
Delta R.T. 0.006 min
Lab File: BN022199.D
Acq: 19 Oct 2022 16:55

Tgt Ion:276 Resp: 13498

Ion	Ratio	Lower	Upper
276	100		
138	30.8	25.2	37.8
277	25.4	19.9	29.9