Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112822\
Data File : BN022911.D
Acq On : 28 Nov 2022 10:04
Operator : CG/JU
Sample : PB149071BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SLCS071

Quant Time: Nov 29 01:10:02 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN112622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 28 03:16:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.065	152	8081	0.400	ng/ul	0.00
4) Naphthalene-d8	10.887	136	22758	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.705	164	12415	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.449	188	26301	0.400	ng/ul	0.00
17) Chrysene-d12	21.633	240	17346	0.400	ng/ul	0.00
23) Perylene-d12	24.121	264	11922	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.408	96	5885	0.607	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.470	152	11864	0.342	ng/ul	0.00
18) Fluoranthene-d10	19.476	212	22236	0.347	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.446	88	14717	1.455	ng/ul	92
5) Naphthalene	10.936	128	21895	0.317	ng/ul	100
7) 2-Methylnaphthalene	12.542	142	13655	0.316	ng/ul	99
8) 1-Methylnaphthalene	12.762	142	14617	0.333	ng/ul	100
10) Acenaphthylene	14.428	152	17804	0.291	ng/ul	100
11) Acenaphthene	14.766	153	14913	0.308	ng/ul	98
12) Fluorene	15.751	166	16737	0.305	ng/ul	100
14) Pentachlorophenol	17.095	266	2592	0.471	ng/ul#	100
15) Phenanthrene	17.491	178	27897	0.309	ng/ul	100
16) Anthracene	17.584	178	23038	0.297	ng/ul	100
19) Fluoranthene	19.504	202	28539	0.318	ng/ul	100
20) Pyrene	19.866	202	27844	0.317	ng/ul	99
21) Benzo(a)anthracene	21.619	228	20388	0.307	ng/ul	99
22) Chrysene	21.671	228	23166	0.319	ng/ul	100
24) Benzo(b)fluoranthene	23.358	252	19157	0.317	ng/ul	99
25) Benzo(k)fluoranthene	23.408	252	20359	0.319	ng/ul	98
26) Benzo(a)pyrene	24.010	252	13867	0.301	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.731	276	16936	0.310	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.758	278	13763	0.317	ng/ul	98
29) Benzo(g,h,i)perylene	27.533	276	14554	0.305	ng/ul	99

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

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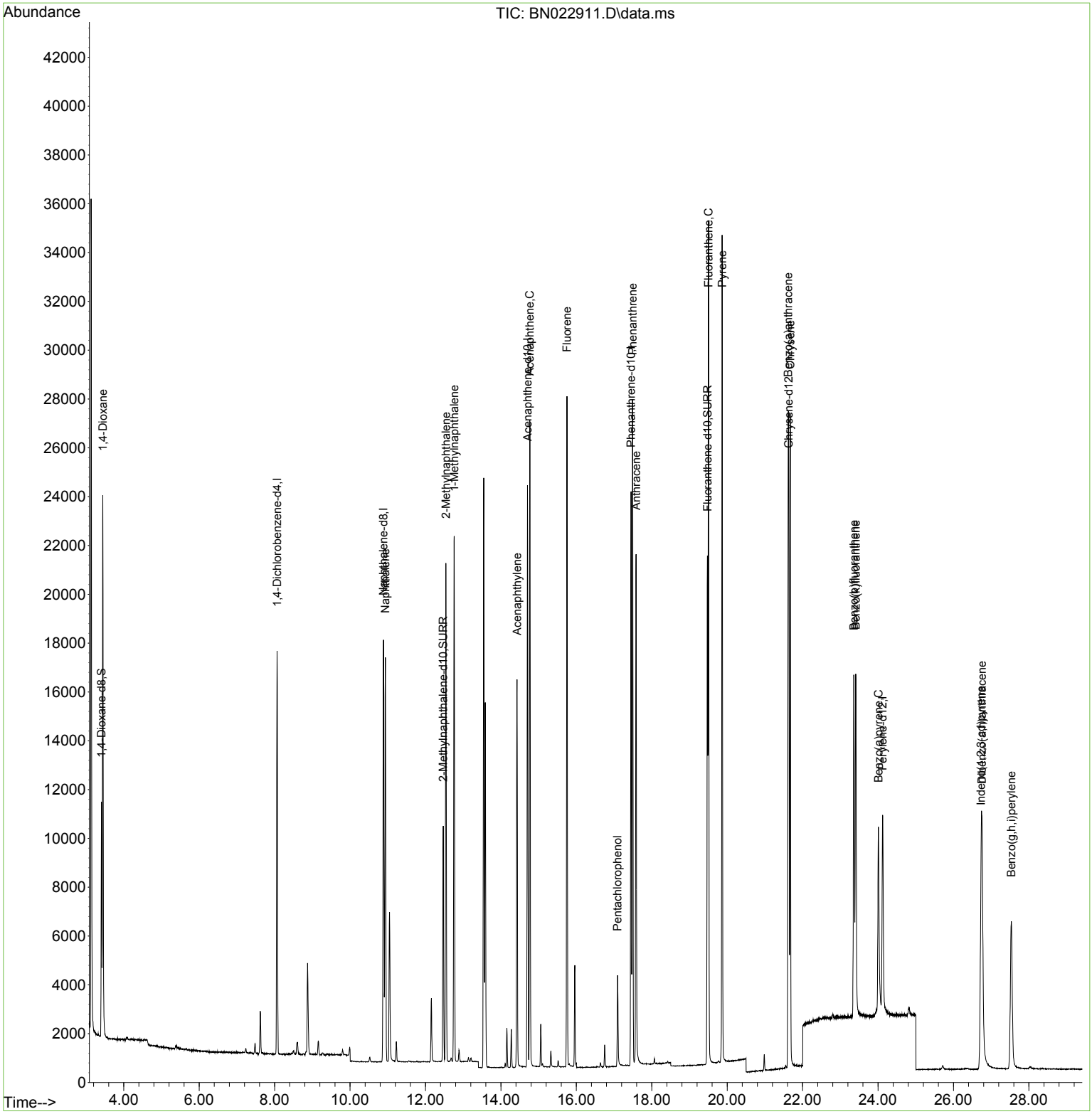
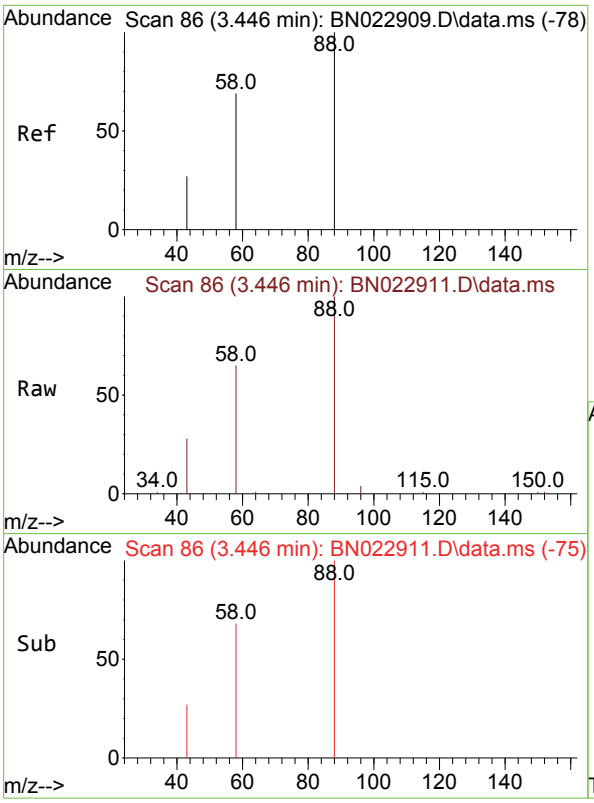


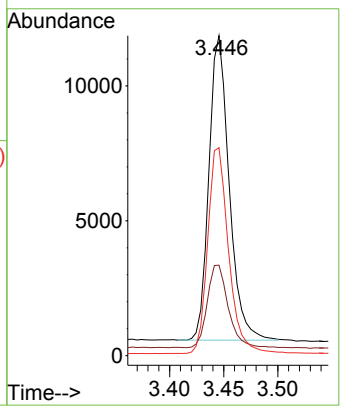


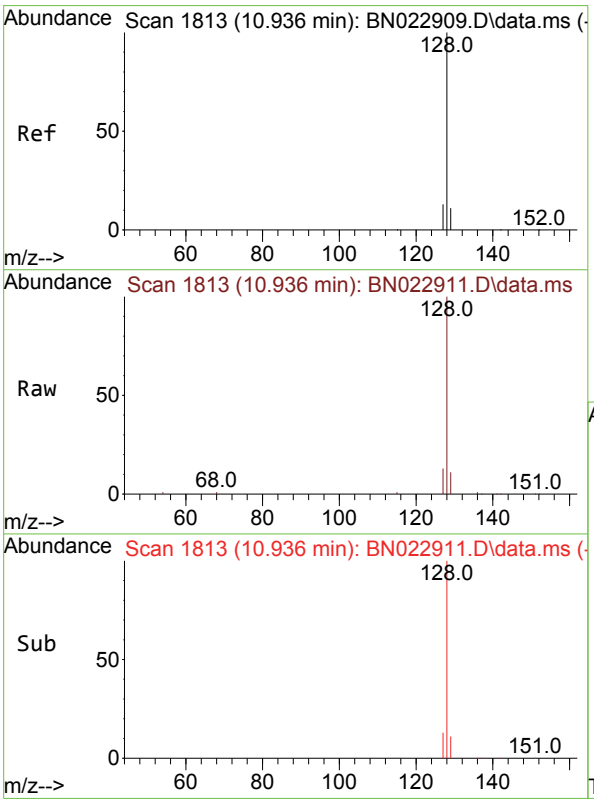
#2
1,4-Dioxane
Concen: 1.455 ng/ul
RT: 3.446 min Scan# 8
Delta R.T. -0.004 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion: 88 Resp: 14717

Ion	Ratio	Lower	Upper
88	100		
43	28.3	26.2	39.4
58	65.0	47.6	71.4

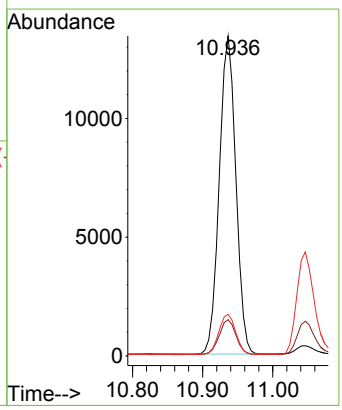


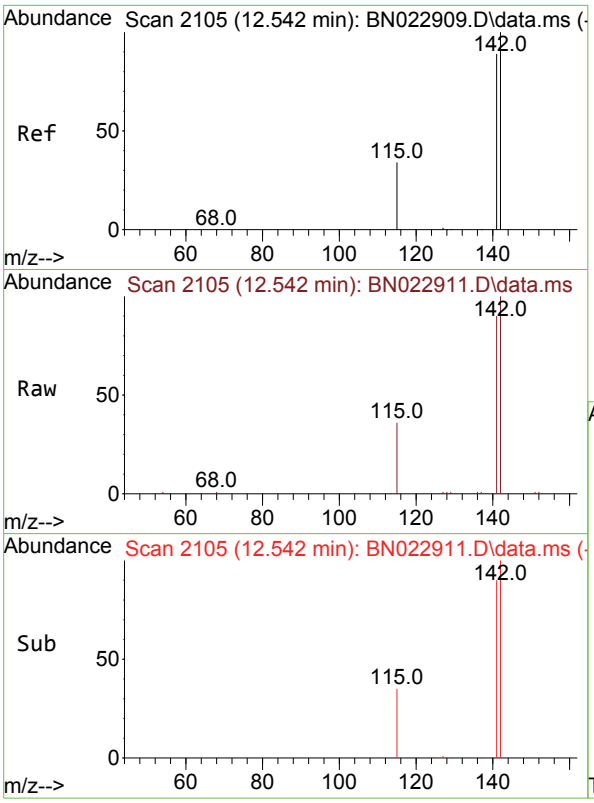


#5
Naphthalene
Concen: 0.317 ng/ul
RT: 10.936 min Scan# 1813
Delta R.T. -0.005 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Tgt Ion:128 Resp: 21895

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.6
127	13.0	10.6	16.0



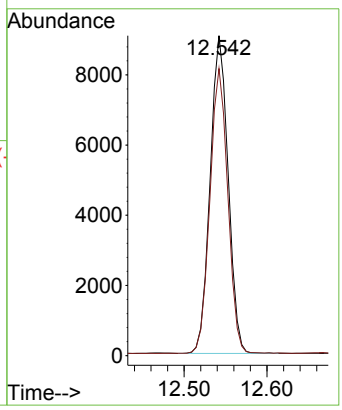


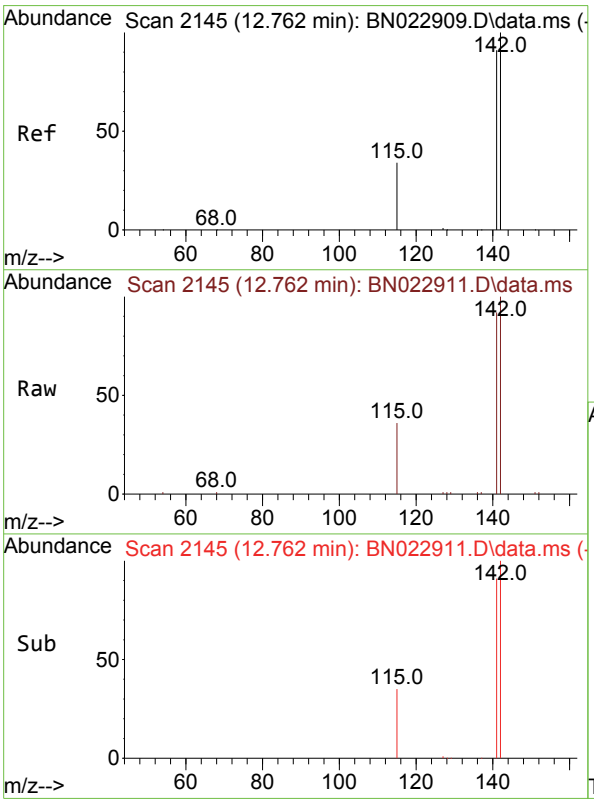
#7
2-Methylnaphthalene
Concen: 0.316 ng/ul
RT: 12.542 min Scan# 21
Delta R.T. -0.005 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:142 Resp: 13655

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.6	107.4

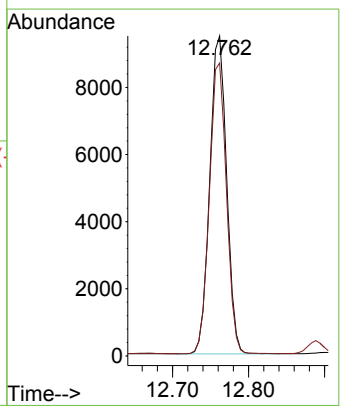


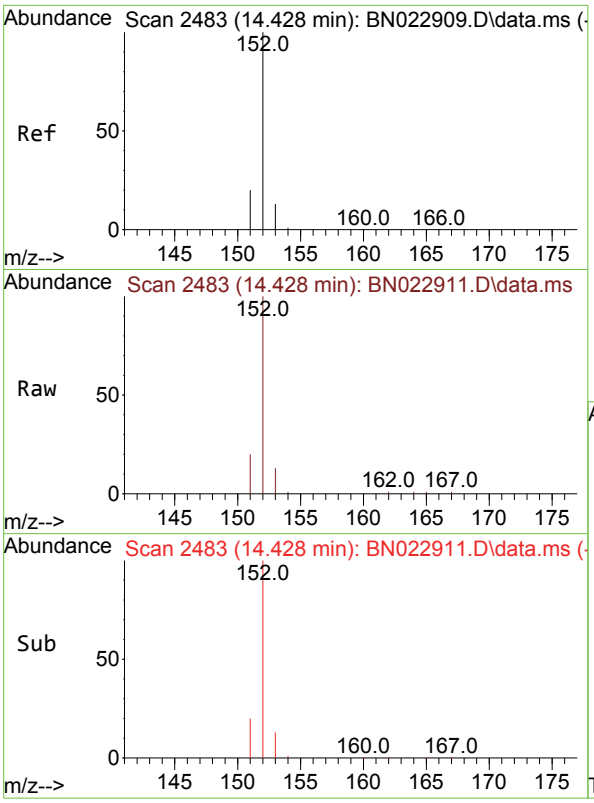


#8
1-Methylnaphthalene
Concen: 0.333 ng/ul
RT: 12.762 min Scan# 2145
Delta R.T. -0.005 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Tgt Ion:142 Resp: 14617

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.8	110.6



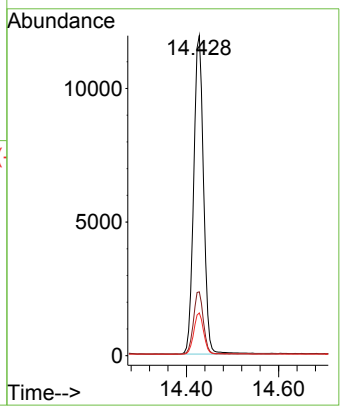


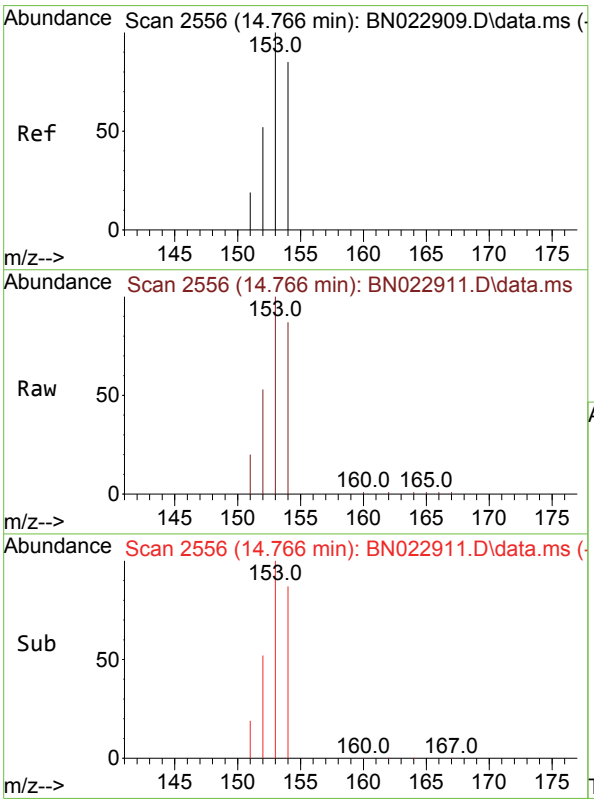
#10
Acenaphthylene
Concen: 0.291 ng/ul
RT: 14.428 min Scan# 24
Delta R.T. -0.005 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:152 Resp: 17804

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.0	24.0
153	13.4	10.5	15.7

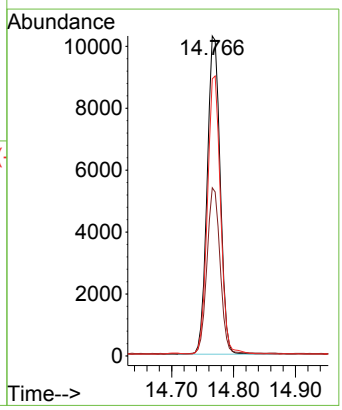


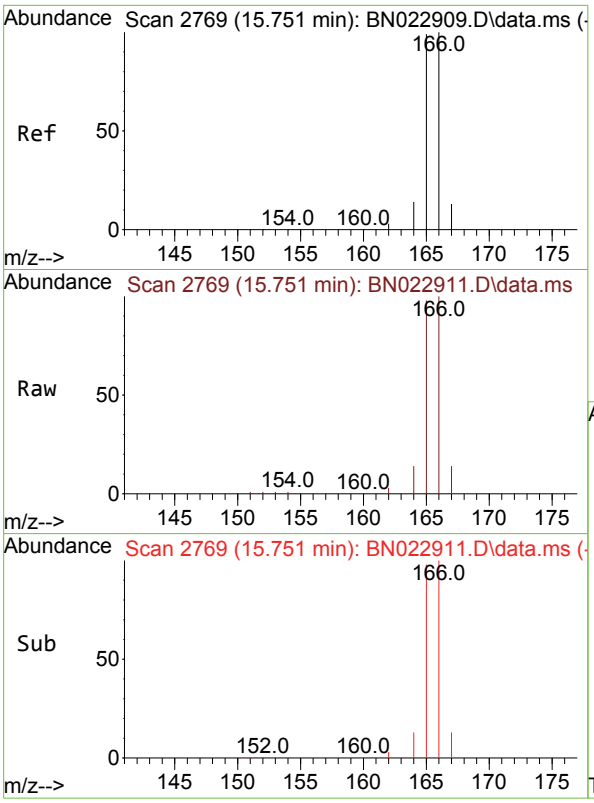


#11
Acenaphthene
Concen: 0.308 ng/ul
RT: 14.766 min Scan# 2556
Delta R.T. -0.009 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Tgt Ion:153 Resp: 14913

Ion	Ratio	Lower	Upper
153	100		
152	52.5	41.8	62.8
154	86.6	71.3	106.9



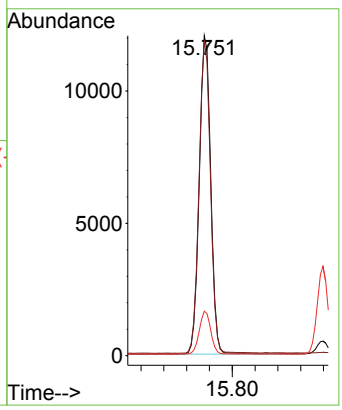


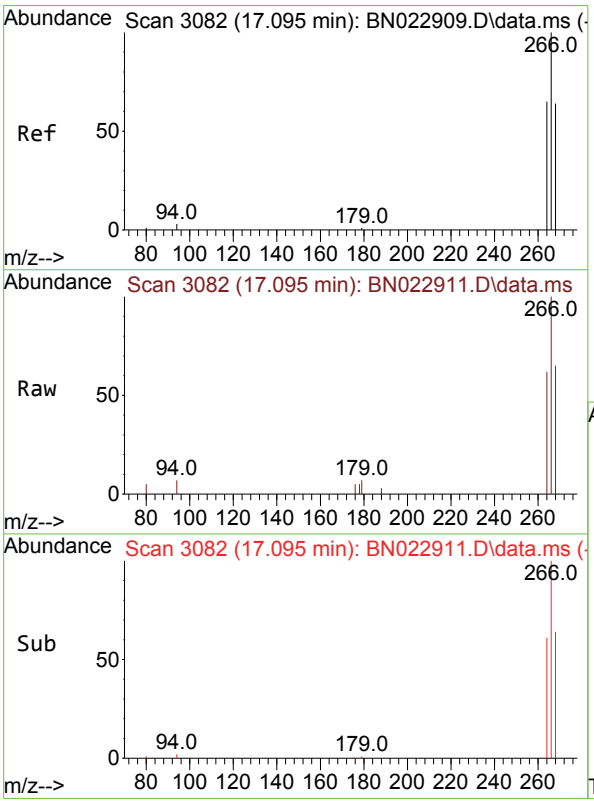
#12
Fluorene
Concen: 0.305 ng/ul
RT: 15.751 min Scan# 2
Delta R.T. -0.005 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:166 Resp: 16737

Ion	Ratio	Lower	Upper
166	100		
165	98.4	78.7	118.1
167	13.9	10.8	16.2

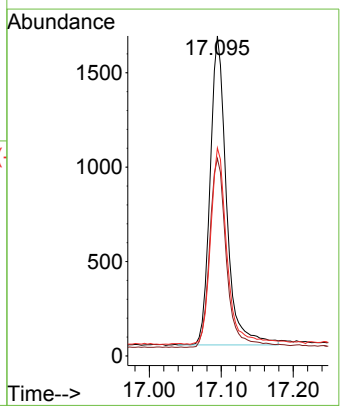


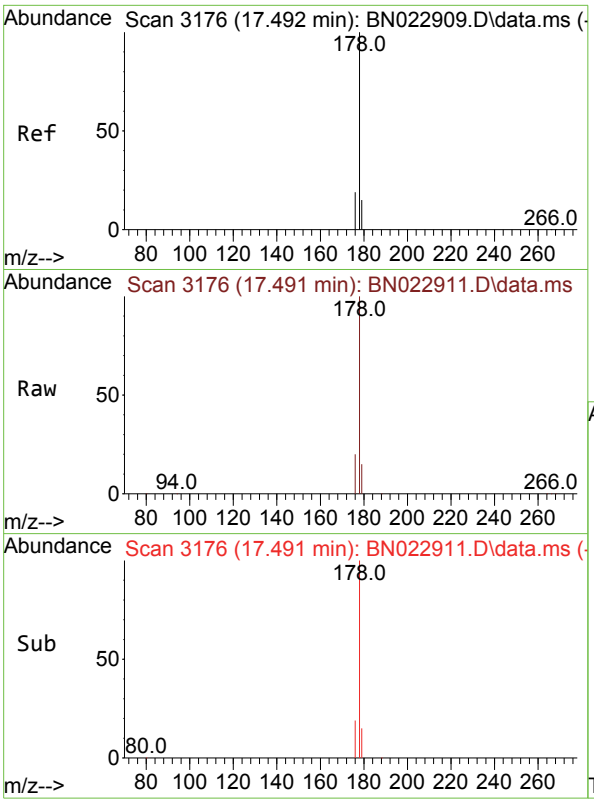


#14
Pentachlorophenol
Concen: 0.471 ng/ul
RT: 17.095 min Scan# 3082
Delta R.T. -0.004 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Tgt Ion:266 Resp: 2592

Ion	Ratio	Lower	Upper
266	100		
264	62.6	0.0	0.0#
268	63.6	0.0	0.0#



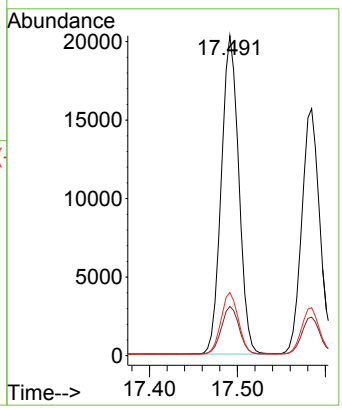


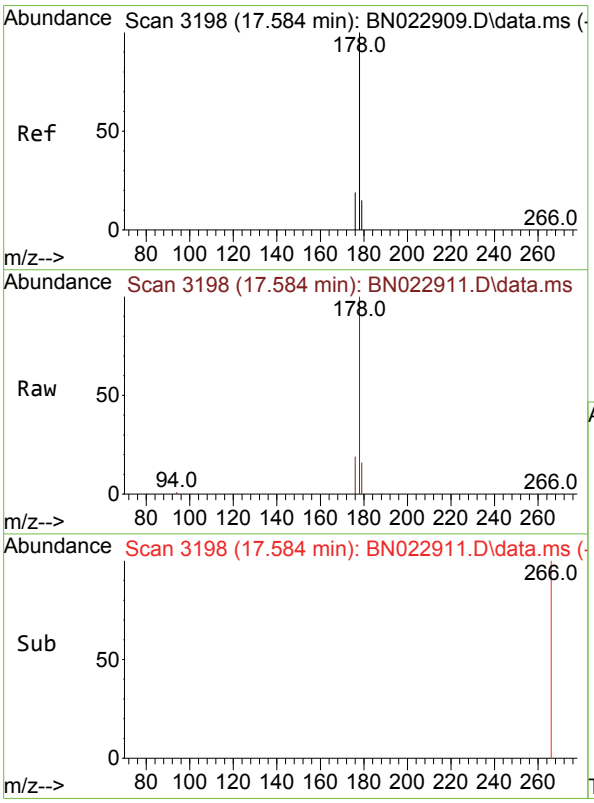
#15
Phenanthrene
Concen: 0.309 ng/ul
RT: 17.491 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:178 Resp: 27897

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.5	18.7
176	19.8	15.9	23.9

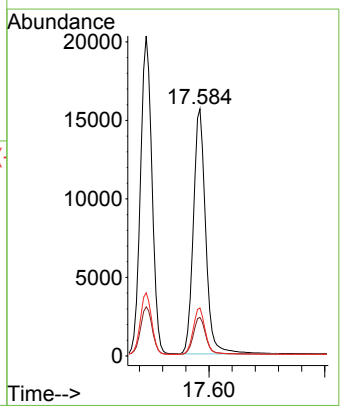


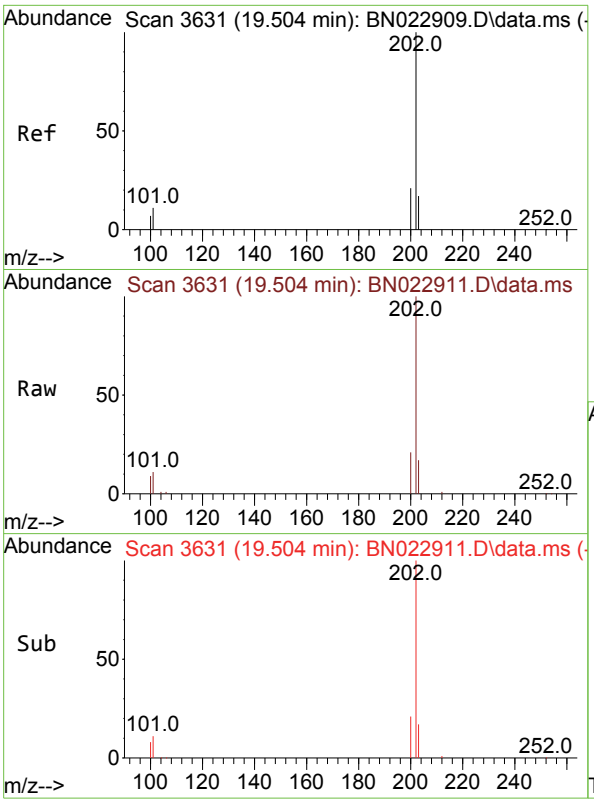


#16
Anthracene
Concen: 0.297 ng/ul
RT: 17.584 min Scan# 3198
Delta R.T. -0.004 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Tgt Ion:178 Resp: 23038

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	19.4	15.3	22.9



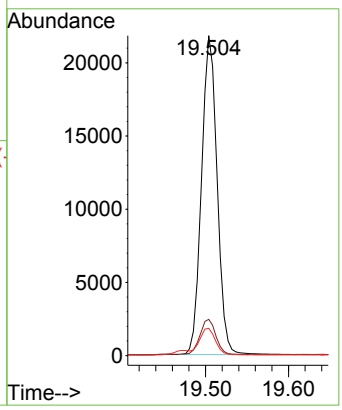


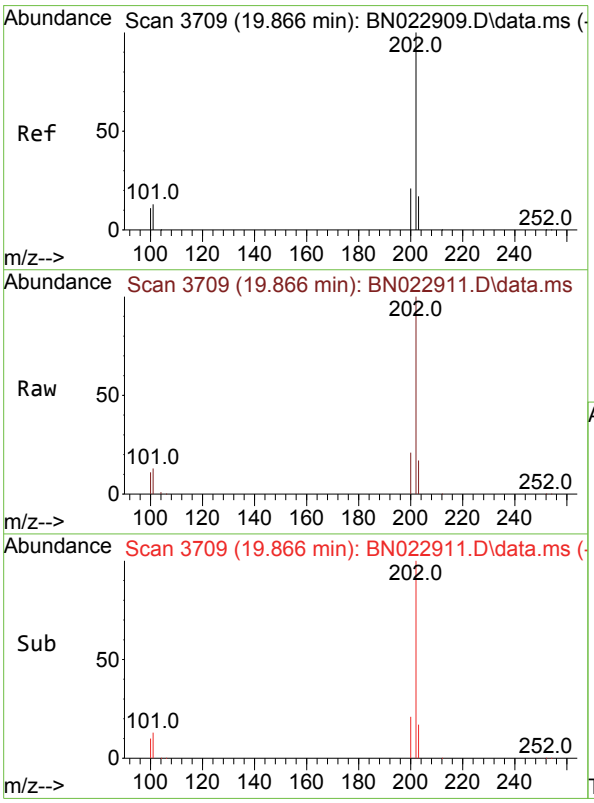
#19
Fluoranthene
Concen: 0.318 ng/ul
RT: 19.504 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:202 Resp: 28539

Ion	Ratio	Lower	Upper
202	100		
101	11.4	9.2	13.8
100	8.6	6.9	10.3

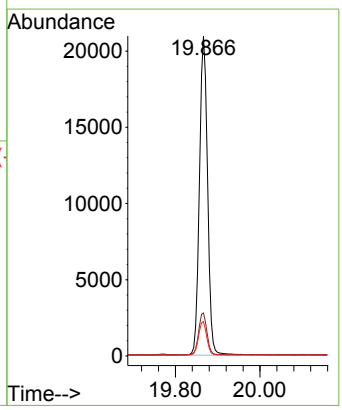


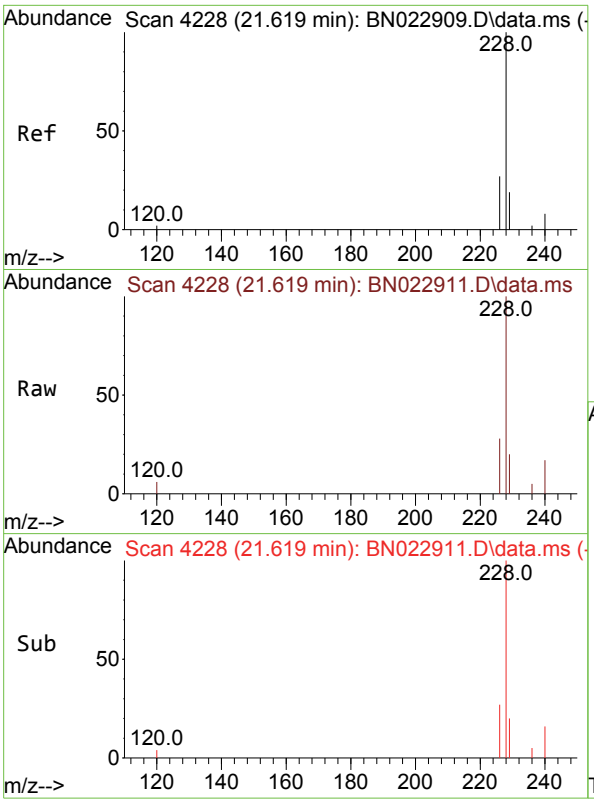


#20
Pyrene
Concen: 0.317 ng/ul
RT: 19.866 min Scan# 3709
Delta R.T. -0.005 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Tgt Ion:202 Resp: 27844

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.6	16.0
100	10.7	8.2	12.4



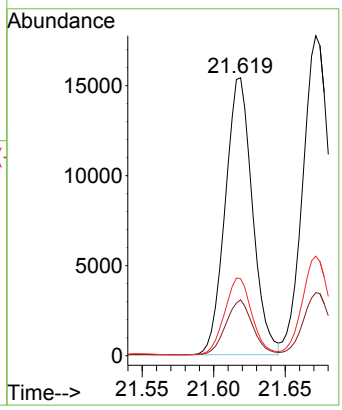


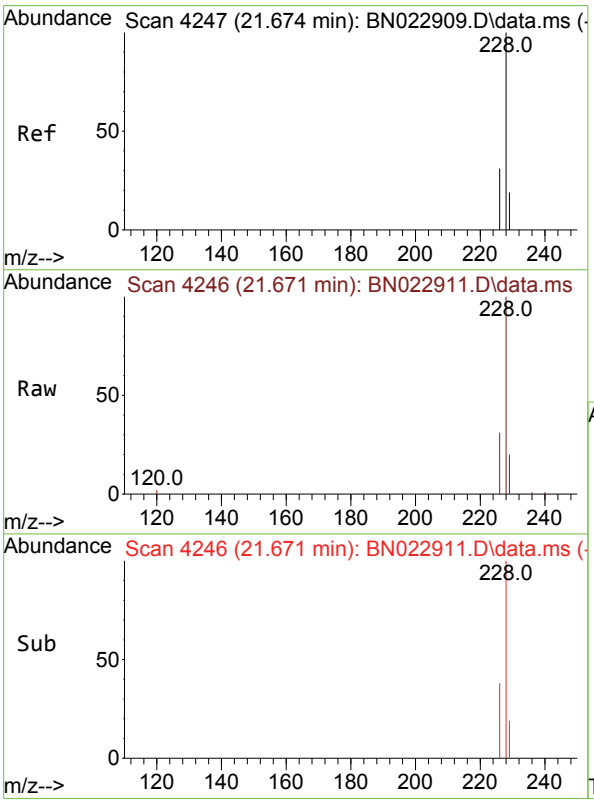
#21
Benzo(a)anthracene
Concen: 0.307 ng/ul
RT: 21.619 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:228 Resp: 20388

Ion	Ratio	Lower	Upper
228	100		
229	20.1	15.5	23.3
226	27.7	22.2	33.4

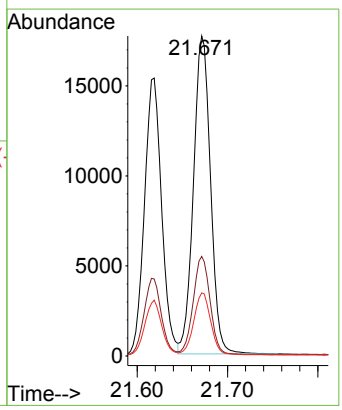


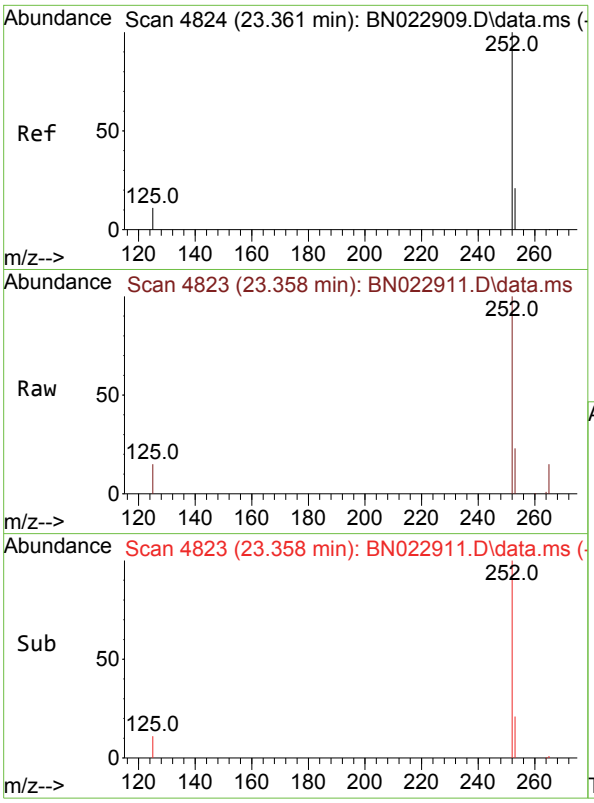


#22
Chrysene
Concen: 0.319 ng/ul
RT: 21.671 min Scan# 4246
Delta R.T. -0.003 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Tgt Ion:228 Resp: 23166

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	19.7	15.8	23.8



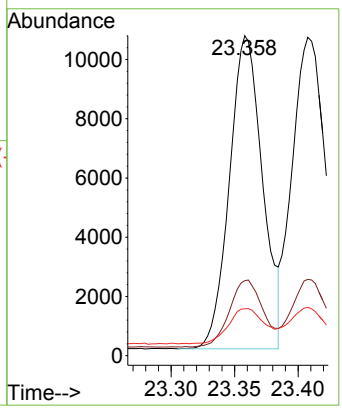


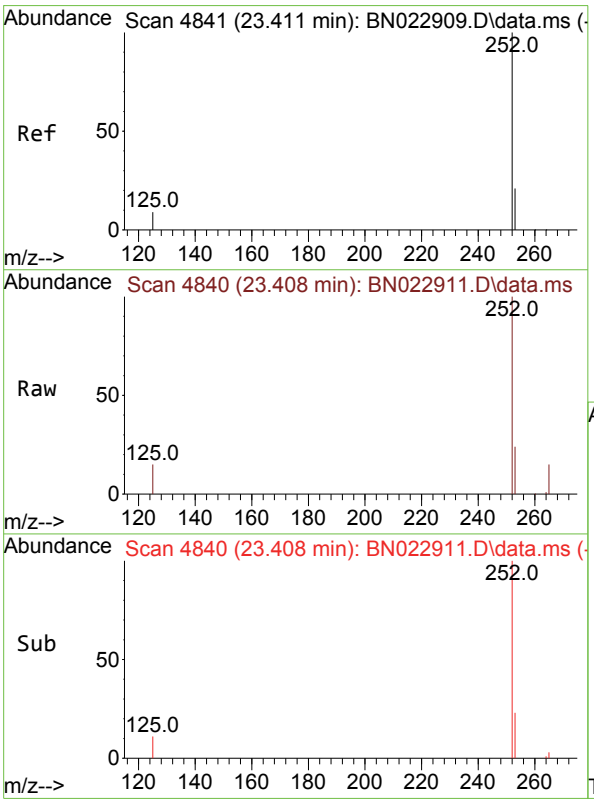
#24
Benzo(b)fluoranthene
Concen: 0.317 ng/ul
RT: 23.358 min Scan# 4
Delta R.T. -0.006 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:252 Resp: 19157

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	46.0
125	14.6	0.0	28.6

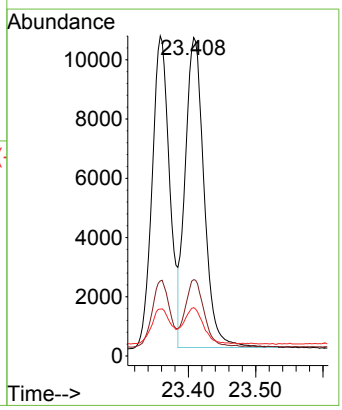


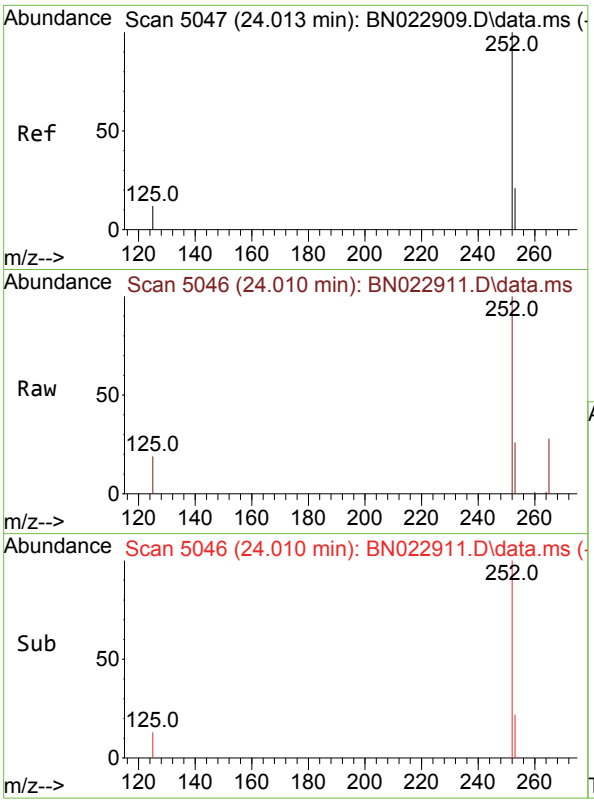


#25
Benzo(k)fluoranthene
Concen: 0.319 ng/ul
RT: 23.408 min Scan# 4840
Delta R.T. -0.006 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Tgt Ion:252 Resp: 20359

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.7	28.1
125	15.2	11.3	16.9



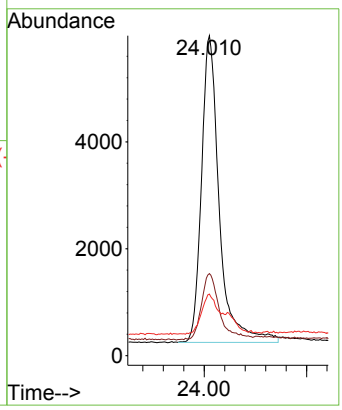


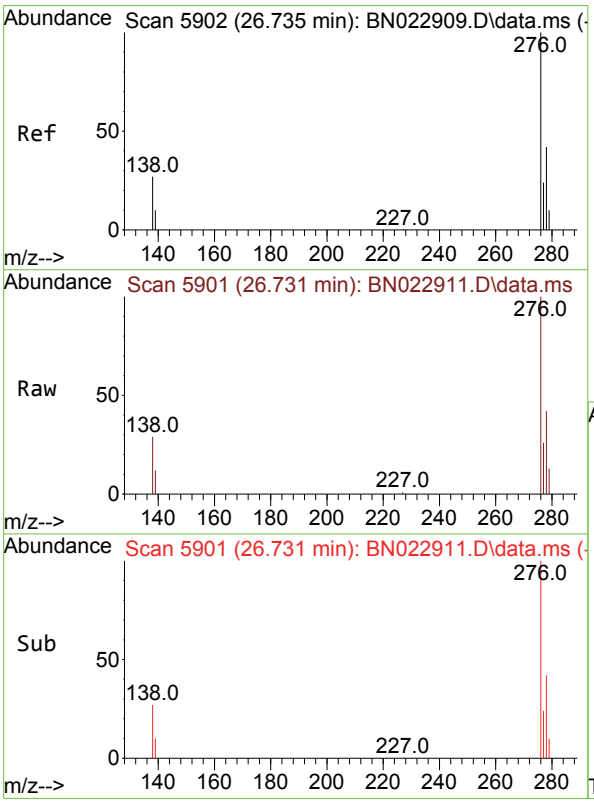
#26
Benzo(a)pyrene
Concen: 0.301 ng/ul
RT: 24.010 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:252 Resp: 13867

Ion	Ratio	Lower	Upper
252	100		
253	25.6	19.7	29.5
125	19.2	13.7	20.5

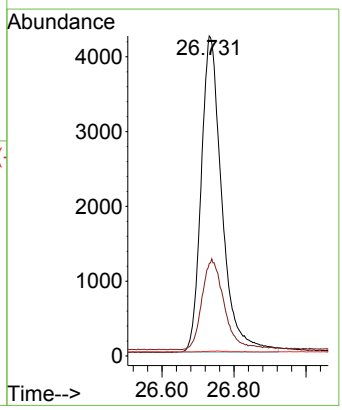


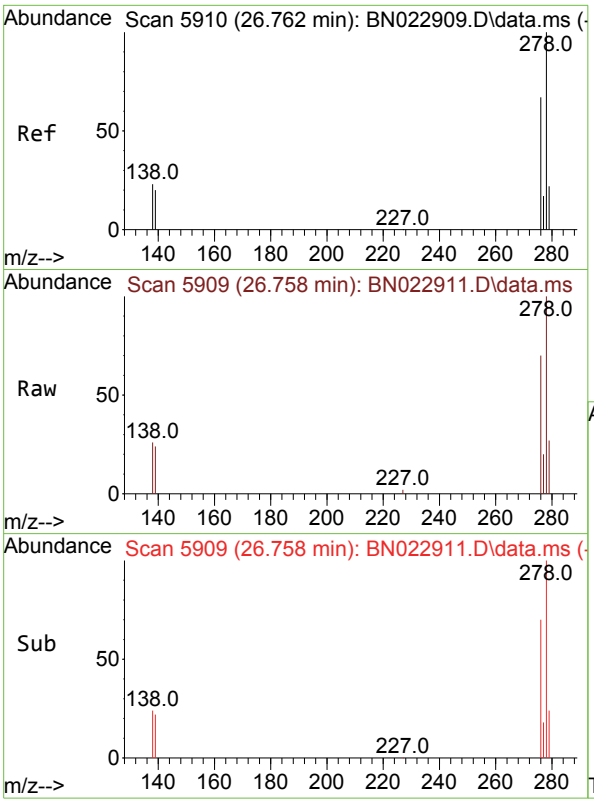


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.310 ng/ul
RT: 26.731 min Scan# 5901
Delta R.T. -0.010 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Tgt Ion:276 Resp: 16936

Ion	Ratio	Lower	Upper
276	100		
138	30.7	0.0	0.0#
227	0.1	0.0	0.0#



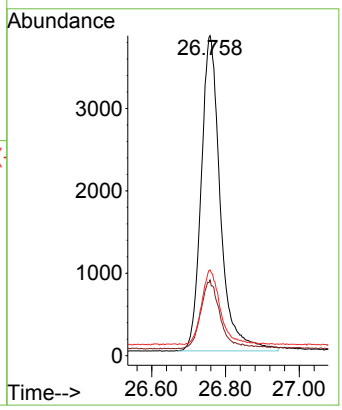


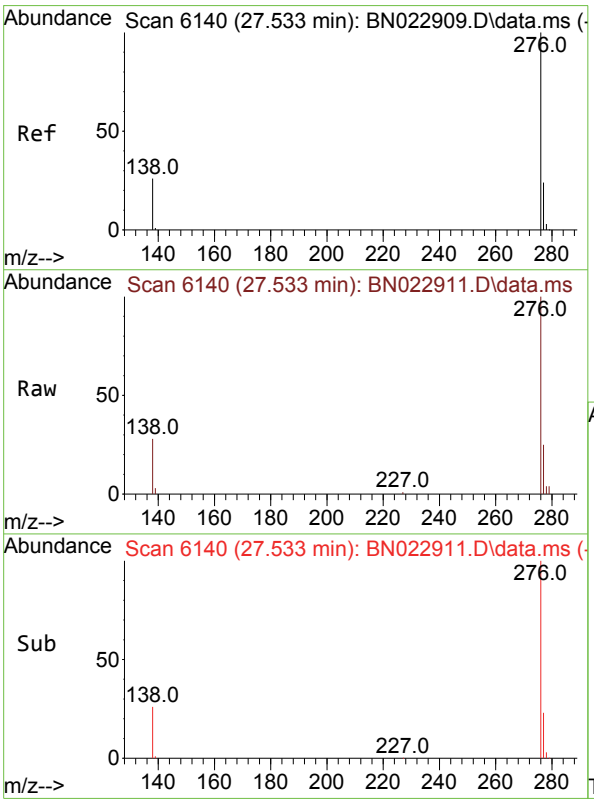
#28
Dibenzo(a,h)anthracene
Concen: 0.317 ng/ul
RT: 26.758 min Scan# 5
Delta R.T. -0.003 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Instrument :
BNA_N
ClientSampleId :
SLCS071

Tgt Ion:278 Resp: 13763

Ion	Ratio	Lower	Upper
278	100		
139	23.6	18.3	27.5
279	26.8	20.4	30.6





#29
Benzo(g,h,i)perylene
Concen: 0.305 ng/ul
RT: 27.533 min Scan# 6140
Delta R.T. -0.007 min
Lab File: BN022911.D
Acq: 28 Nov 2022 10:04

Tgt Ion:276 Resp: 14554

Ion	Ratio	Lower	Upper
276	100		
138	27.7	22.1	33.1
277	24.9	19.4	29.2