Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103122\
Data File : BNCCC408.D
Acq On : 31 Oct 2022 20:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

Quant Time: Nov 01 01:13:09 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 : Tue Nov 01 01:09:32 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.932	152	3334	0.400	ng/ul	0.00
4) Naphthalene-d8	10.756	136	10807	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.600	164	6051	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.357	188	12018	0.400	ng/ul	0.00
17) Chrysene-d12	21.558	240	7385	0.400	ng/ul	0.00
23) Perylene-d12	24.005	264	5139	0.400	ng/ul	# 0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.240	96	1686	0.389	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.351	152	6348	0.388	ng/ul	0.00
18) Fluoranthene-d10	19.393	212	10748	0.434	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.278	88	1808	0.406	ng/ul	92
5) Naphthalene	10.805	128	12477	0.391	ng/ul	100
7) 2-Methylnaphthalene	12.428	142	7763	0.386	ng/ul	100
8) 1-Methylnaphthalene	12.648	142	8010	0.387	ng/ul	100
10) Acenaphthylene	14.322	152	10329	0.380	ng/ul	99
11) Acenaphthene	14.665	153	8800	0.384	ng/ul	99
12) Fluorene	15.655	166	9640	0.362	ng/ul	99
14) Pentachlorophenol	17.011	266	1182	0.414	ng/ul	100
15) Phenanthrene	17.400	178	15079	0.374	ng/ul	99
16) Anthracene	17.493	178	12420	0.365	ng/ul	99
19) Fluoranthene	19.421	202	14580	0.431	ng/ul	100
20) Pyrene	19.788	202	14478	0.426	ng/ul	99
21) Benzo(a)anthracene	21.541	228	10385	0.375	ng/ul	99
22) Chrysene	21.596	228	11091	0.378	ng/ul	99
24) Benzo(b)fluoranthene	23.254	252	9982	0.387	ng/ul	91
25) Benzo(k)fluoranthene	23.303	252	9405	0.375	ng/ul#	94
26) Benzo(a)pyrene	23.897	252	8216	0.399	ng/ul#	84
27) Indeno(1,2,3-cd)pyrene	26.571	276	10163	0.397	ng/ul	97
28) Dibenzo(a,h)anthracene	26.595	278	7940	0.389	ng/ul	95
29) Benzo(g,h,i)perylene	27.363	276	8354	0.401	ng/ul	98

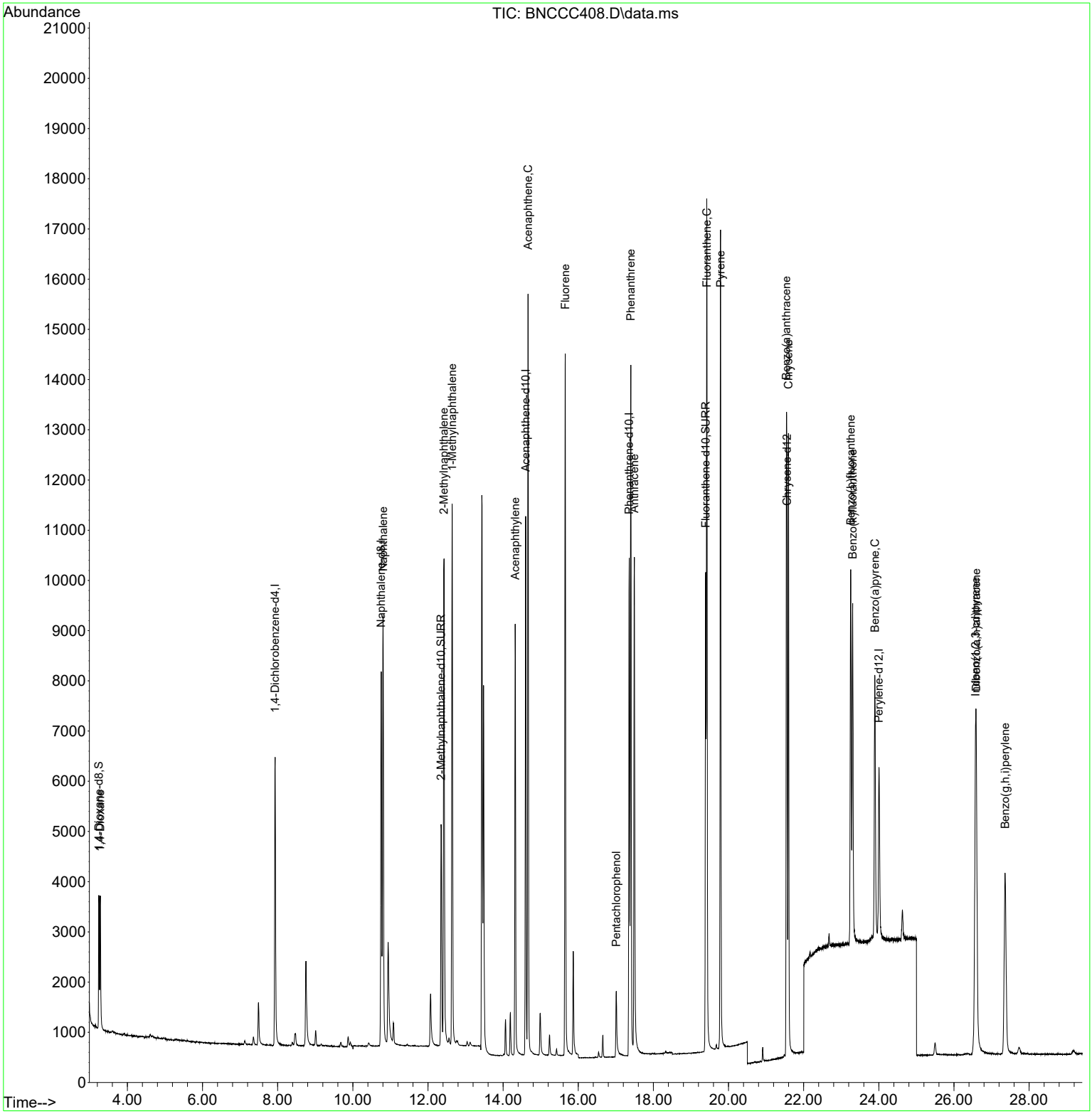
(#) = qualifier out of range (m) = manual integration (+) = signals summed

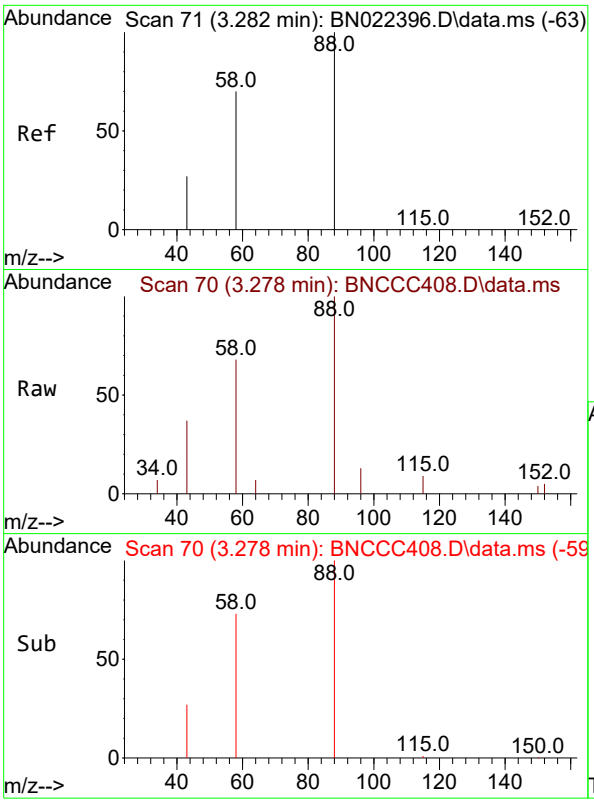
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103122\
Data File : BNCCC408.D
Acq On : 31 Oct 2022 20:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

Quant Time: Nov 01 01:13:09 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 : Tue Nov 01 01:09:32 2022
Response via : Initial Calibration



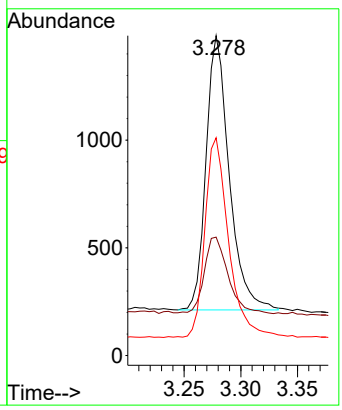


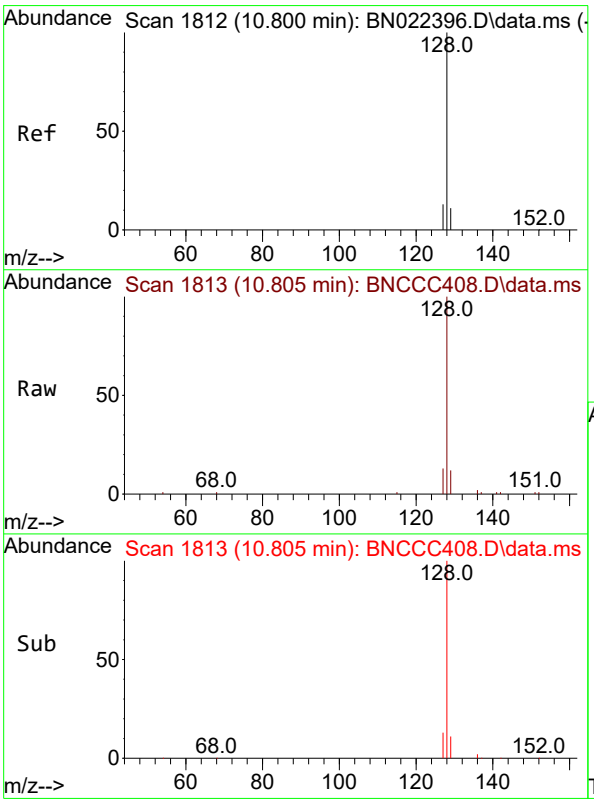
#2
1,4-Dioxane
Concen: 0.406 ng/ul
RT: 3.278 min Scan# 7
Delta R.T. -0.004 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

Tgt Ion: 88 Resp: 1808

Ion	Ratio	Lower	Upper
88	100		
43	37.0	27.4	41.2
58	68.1	48.2	72.2

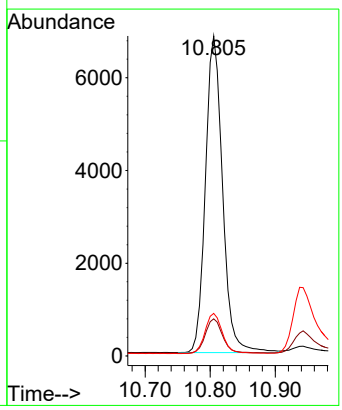


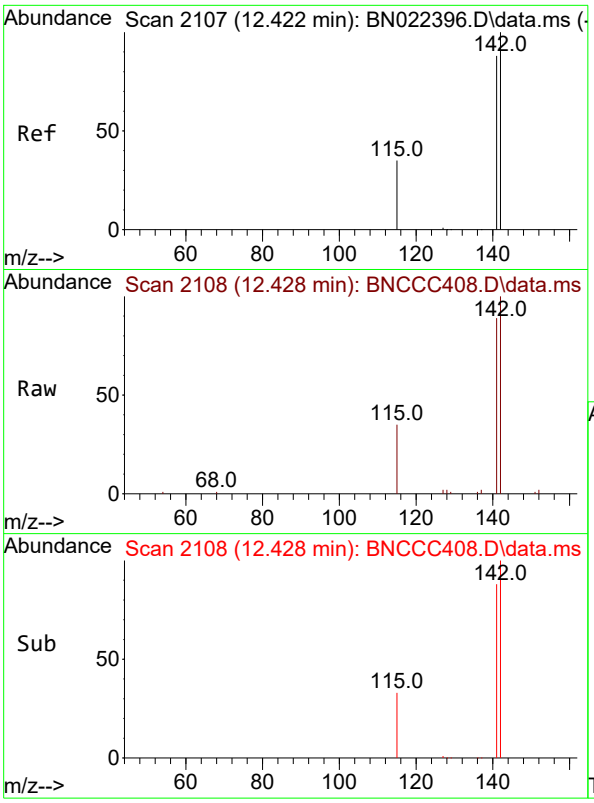


#5
Naphthalene
Concen: 0.391 ng/ul
RT: 10.805 min Scan# 1813
Delta R.T. 0.005 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Tgt Ion:128 Resp: 12477

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.3	13.9
127	13.3	10.7	16.1



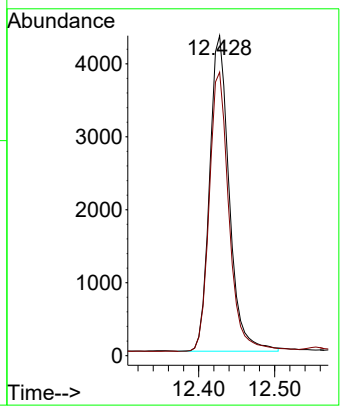


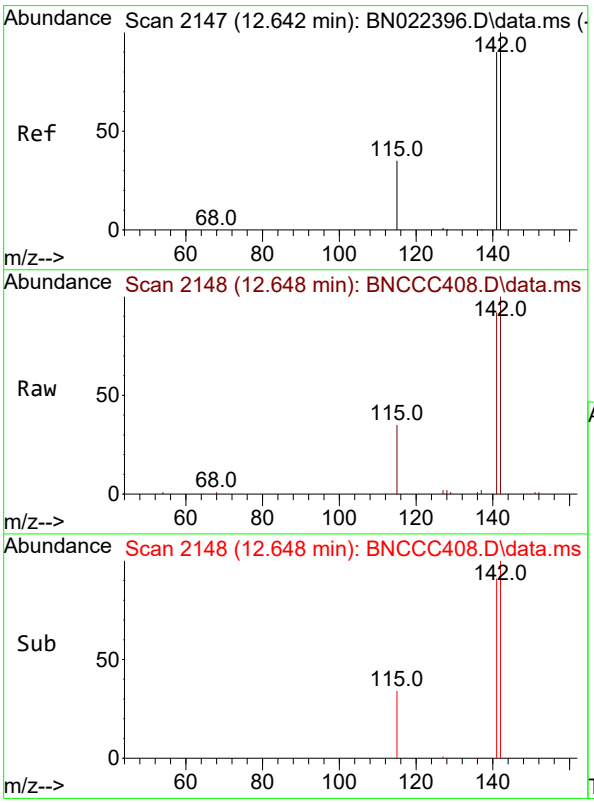
#7
2-Methylnaphthalene
Concen: 0.386 ng/ul
RT: 12.428 min Scan# 21
Delta R.T. 0.005 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

Tgt Ion:142 Resp: 7763

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.1	106.7

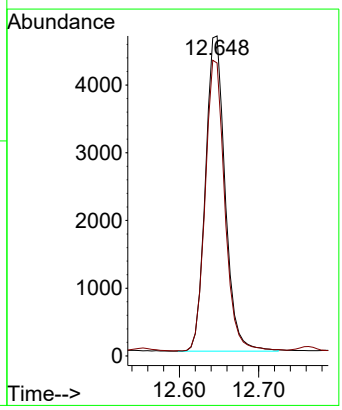


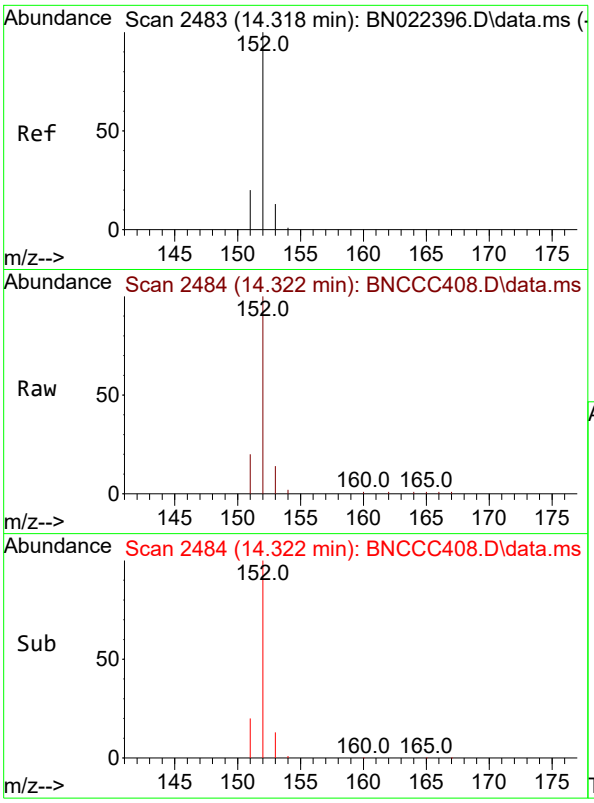


#8
1-Methylnaphthalene
Concen: 0.387 ng/ul
RT: 12.648 min Scan# 2148
Delta R.T. 0.005 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Tgt Ion:142 Resp: 8010

Ion	Ratio	Lower	Upper
142	100		
141	91.5	73.3	109.9



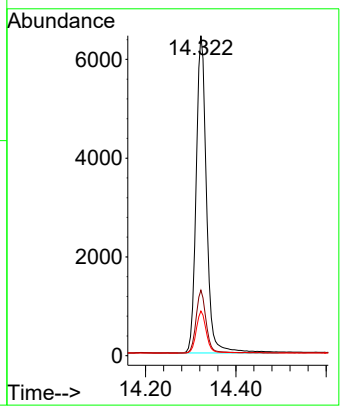


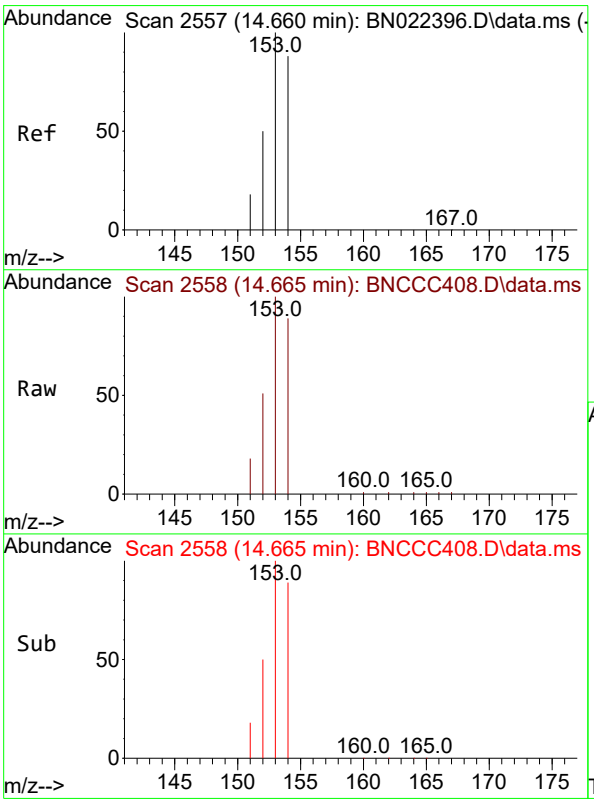
#10
Acenaphthylene
Concen: 0.380 ng/ul
RT: 14.322 min Scan# 24
Delta R.T. 0.005 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

Tgt Ion:152 Resp: 10329

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.9	23.9
153	13.9	10.8	16.2

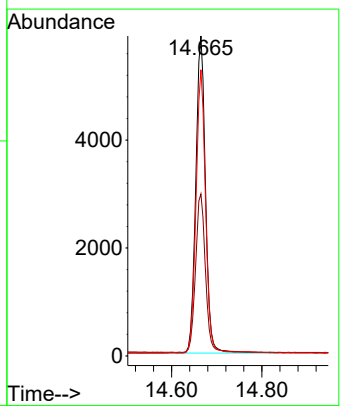


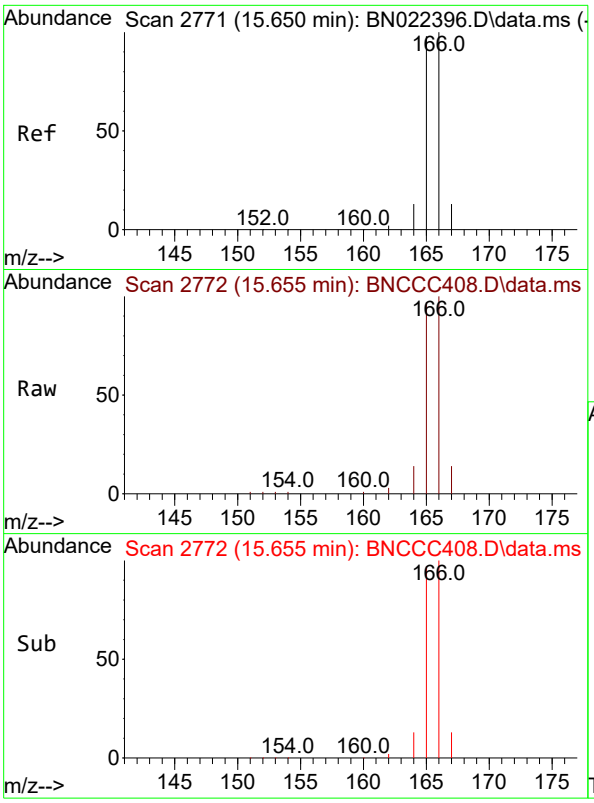


#11
Acenaphthene
Concen: 0.384 ng/ul
RT: 14.665 min Scan# 2558
Delta R.T. 0.005 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Tgt Ion:153 Resp: 8800

Ion	Ratio	Lower	Upper
153	100		
152	50.7	40.6	61.0
154	89.4	70.6	106.0



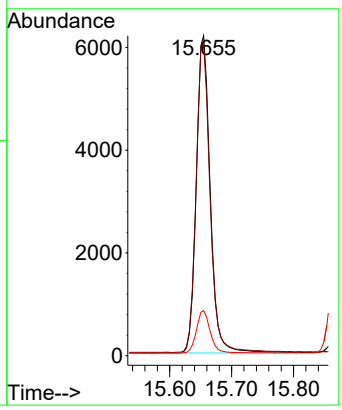


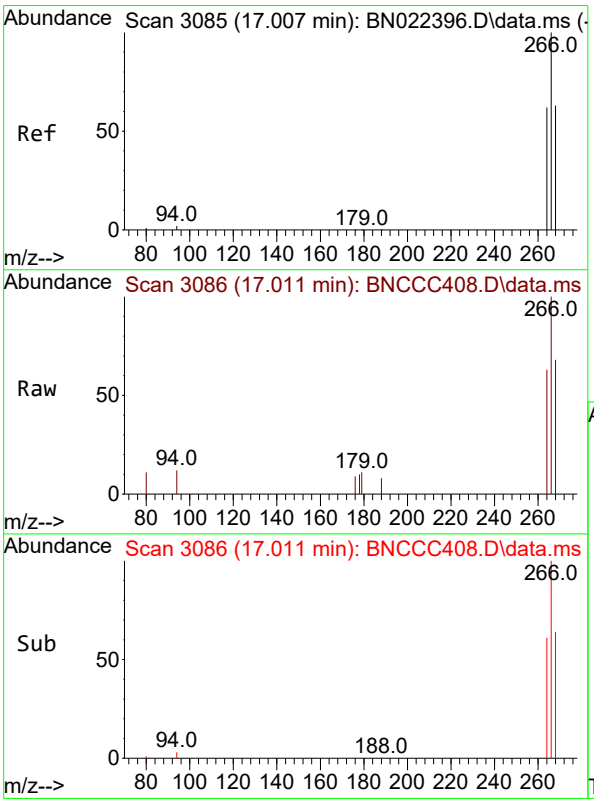
#12
Fluorene
Concen: 0.362 ng/ul
RT: 15.655 min Scan# 2
Delta R.T. 0.005 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

Tgt Ion:166 Resp: 9640

Ion	Ratio	Lower	Upper
166	100		
165	97.2	78.2	117.2
167	14.1	11.0	16.4

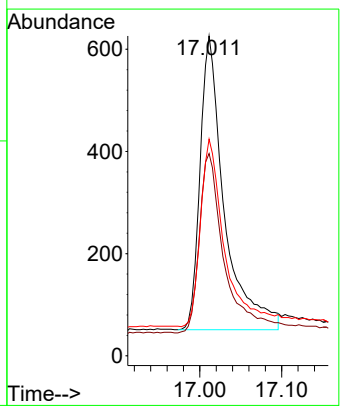


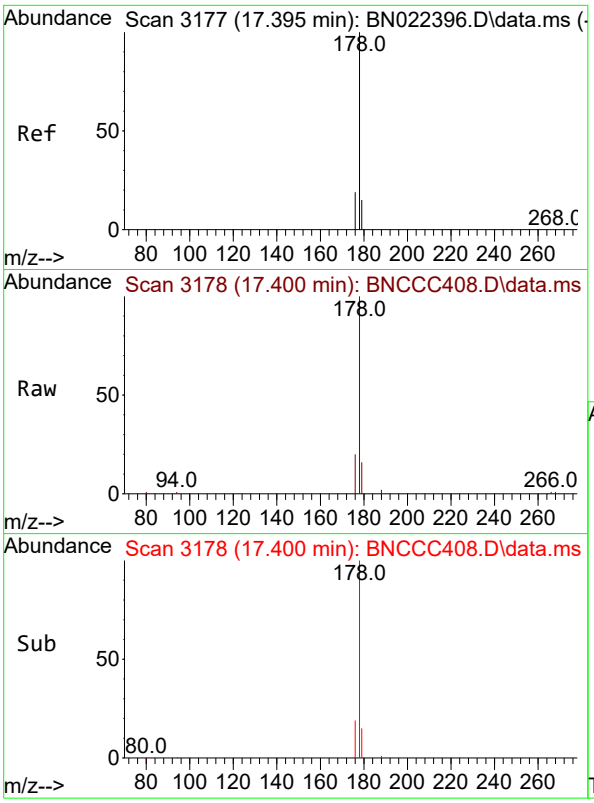


#14
Pentachlorophenol
Concen: 0.414 ng/ul
RT: 17.011 min Scan# 3086
Delta R.T. 0.004 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Tgt Ion:266 Resp: 1182

Ion	Ratio	Lower	Upper
266	100		
264	62.4	49.8	74.6
268	63.8	51.4	77.2



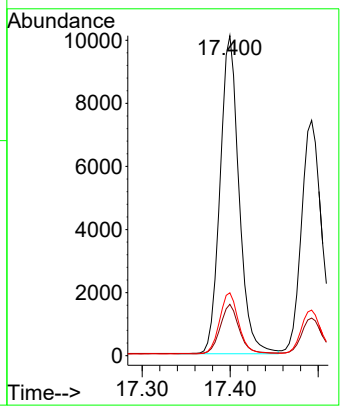


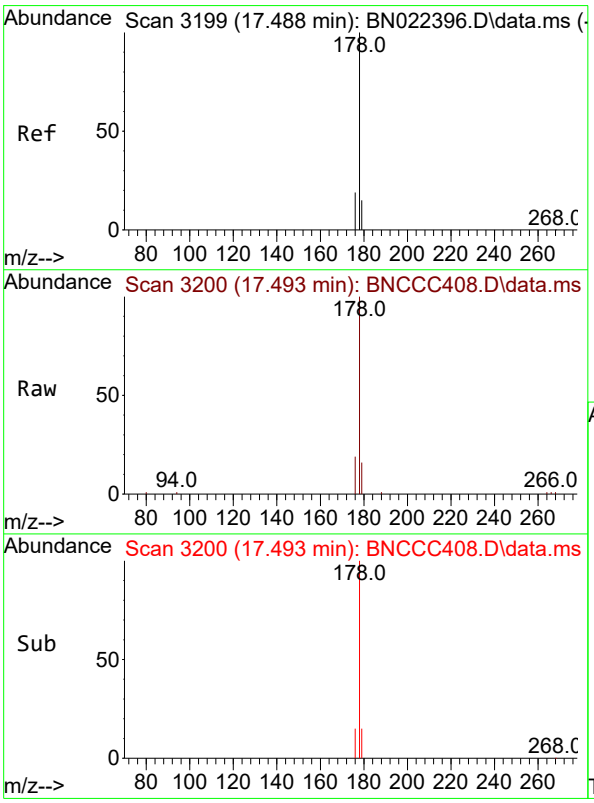
#15
Phenanthrene
Concen: 0.374 ng/ul
RT: 17.400 min Scan# 3
Delta R.T. 0.004 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

Tgt Ion:178 Resp: 15079

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.7	19.1
176	19.7	15.4	23.2

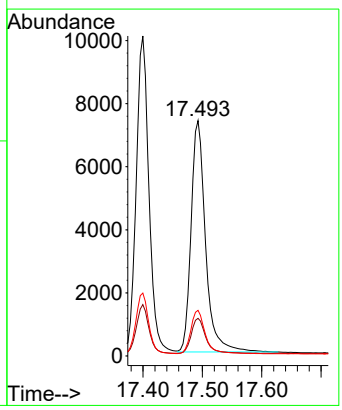


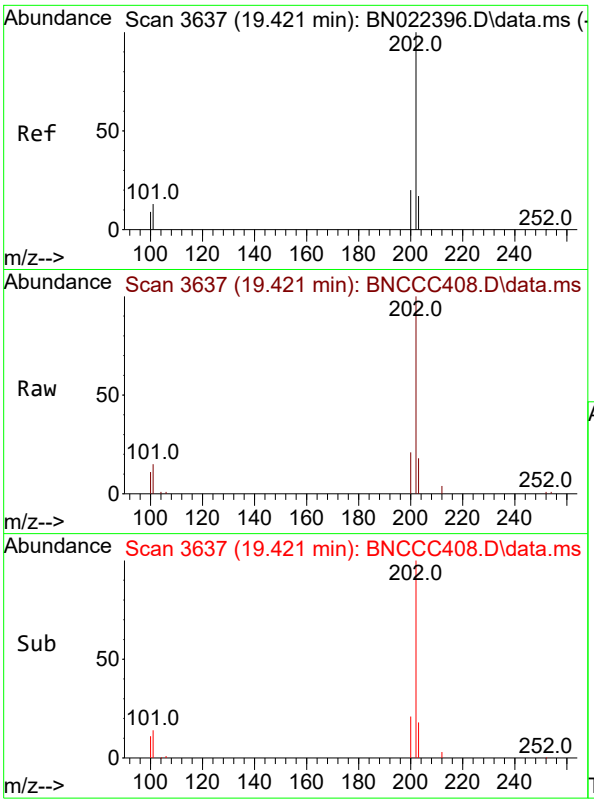


#16
Anthracene
Concen: 0.365 ng/ul
RT: 17.493 min Scan# 3200
Delta R.T. 0.004 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Tgt Ion:178 Resp: 12420

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	18.8
176	19.3	15.0	22.6



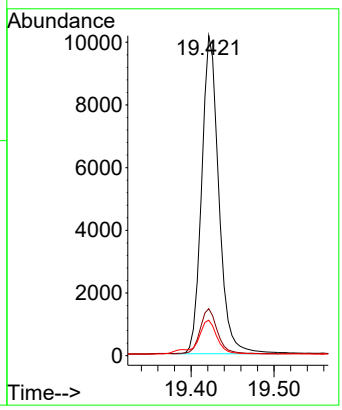


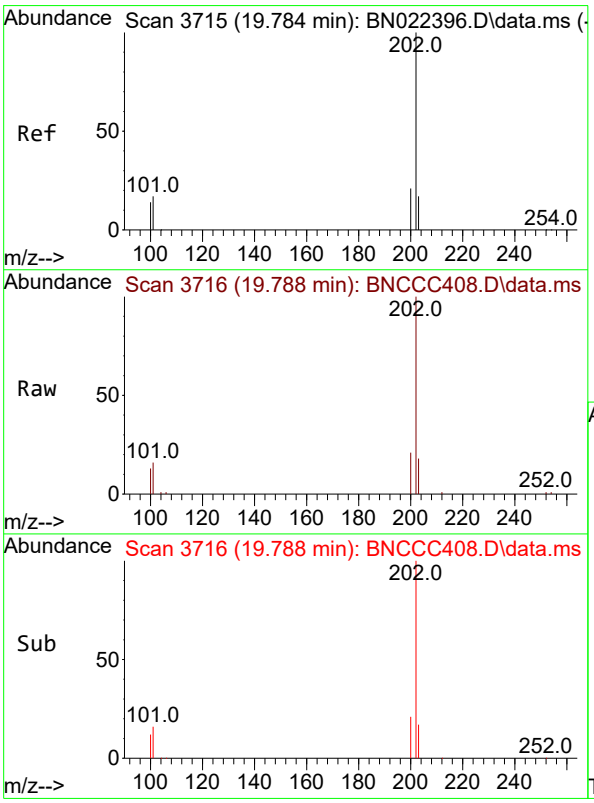
#19
Fluoranthene
Concen: 0.431 ng/ul
RT: 19.421 min Scan# 3
Delta R.T. -0.000 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

Tgt Ion:202 Resp: 14580

Ion	Ratio	Lower	Upper
202	100		
101	14.7	11.8	17.6
100	11.1	8.7	13.1

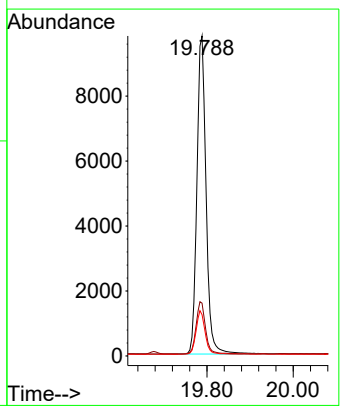


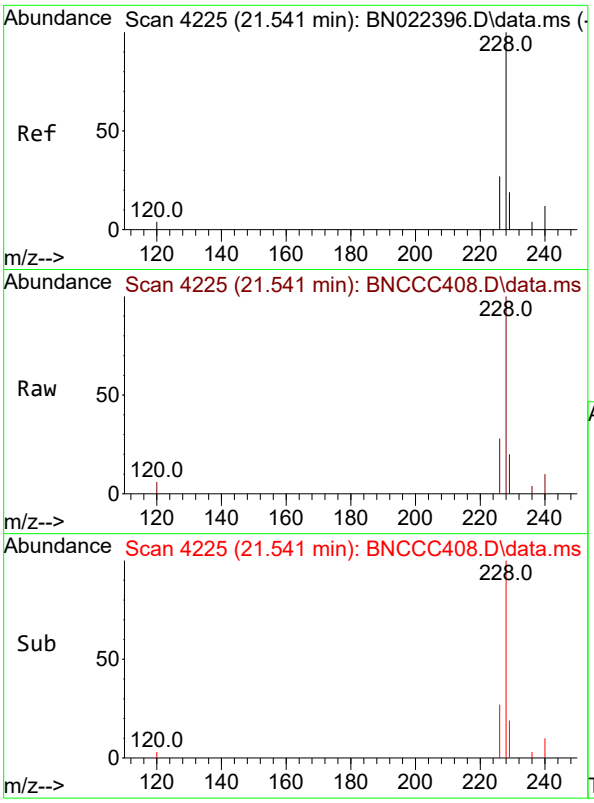


#20
Pyrene
Concen: 0.426 ng/ul
RT: 19.788 min Scan# 3716
Delta R.T. 0.005 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Tgt Ion:202 Resp: 14478

Ion	Ratio	Lower	Upper
202	100		
101	16.5	13.1	19.7
100	12.9	10.6	16.0



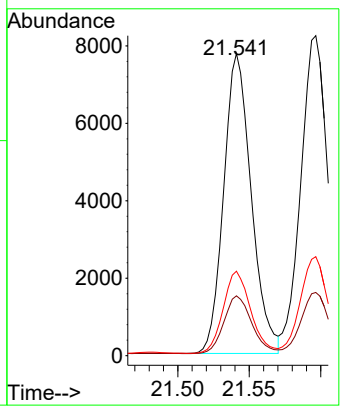


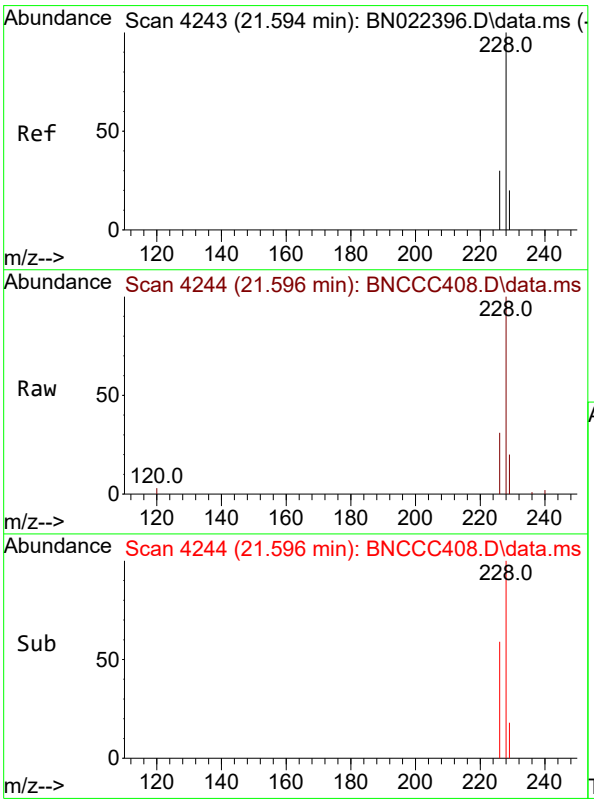
#21
Benzo(a)anthracene
Concen: 0.375 ng/ul
RT: 21.541 min Scan# 4
Delta R.T. -0.000 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

Tgt Ion:228 Resp: 10385

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.7	23.5
226	28.0	21.5	32.3

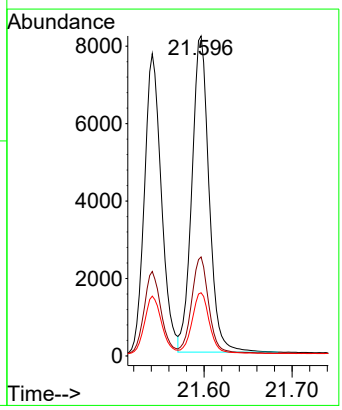


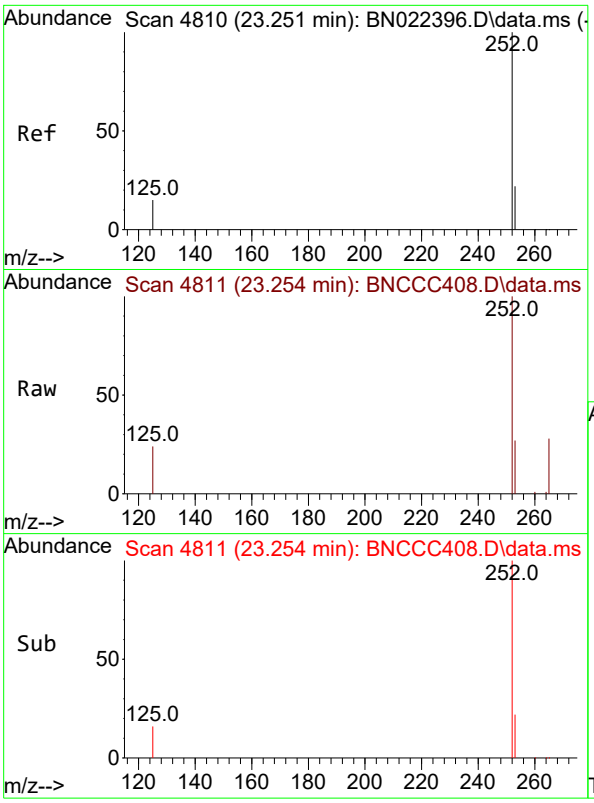


#22
Chrysene
Concen: 0.378 ng/ul
RT: 21.596 min Scan# 4244
Delta R.T. 0.003 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Tgt Ion:228 Resp: 11091

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.9	35.9
229	19.7	15.9	23.9



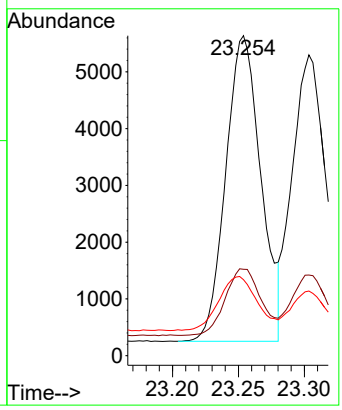


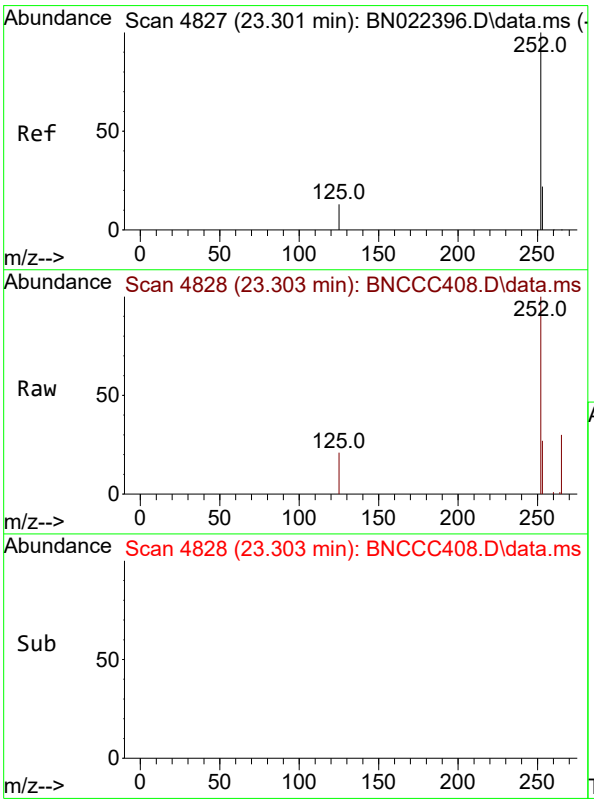
#24
Benzo(b)fluoranthene
Concen: 0.387 ng/ul
RT: 23.254 min Scan# 4
Delta R.T. 0.003 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

Tgt Ion:252 Resp: 9982

Ion	Ratio	Lower	Upper
252	100		
253	27.0	0.0	49.0
125	23.7	0.0	35.2

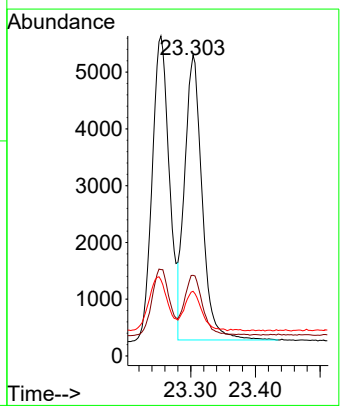


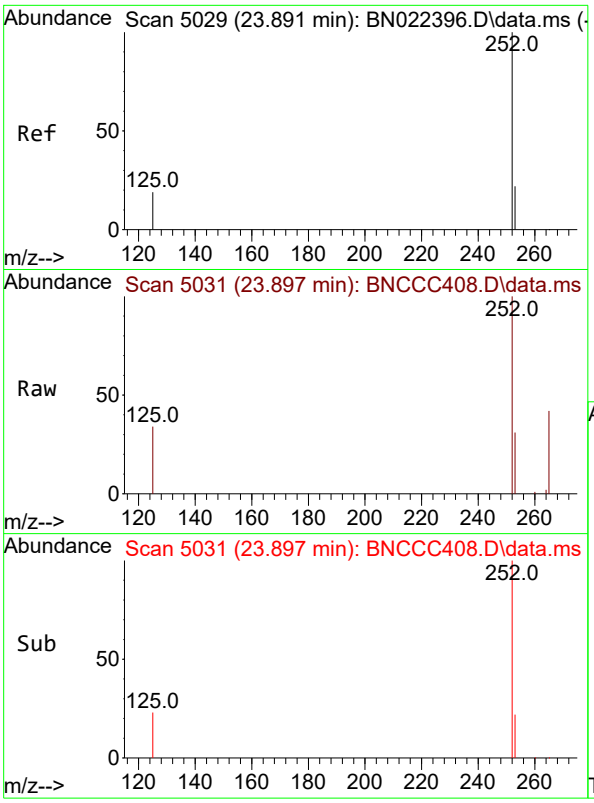


#25
Benzo(k)fluoranthene
Concen: 0.375 ng/ul
RT: 23.303 min Scan# 4828
Delta R.T. 0.003 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Tgt Ion:252 Resp: 9405

Ion	Ratio	Lower	Upper
252	100		
253	26.8	19.7	29.5
125	21.5	14.0	21.0#



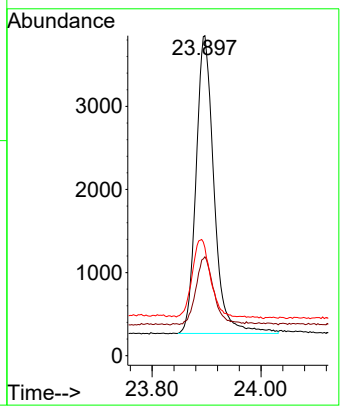


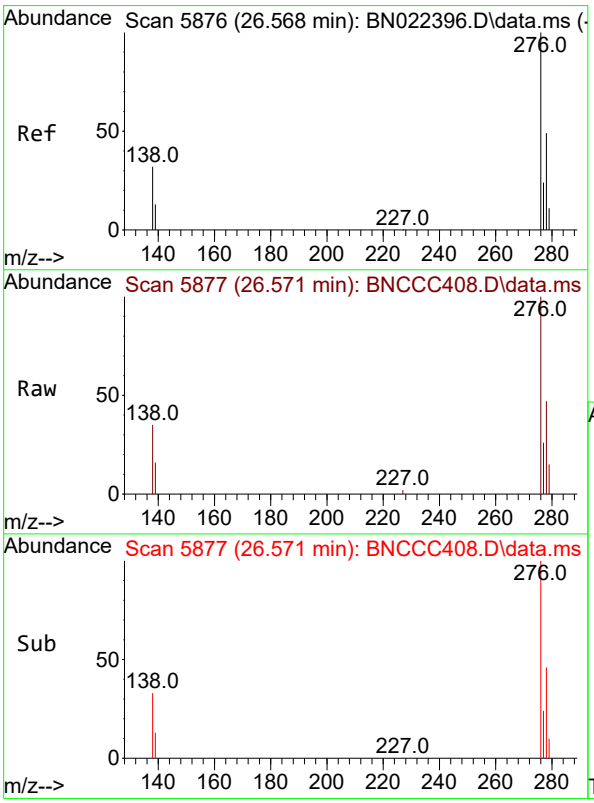
#26
Benzo(a)pyrene
Concen: 0.399 ng/ul
RT: 23.897 min Scan# 5
Delta R.T. 0.006 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

Tgt Ion:252 Resp: 8216

Ion	Ratio	Lower	Upper
252	100		
253	30.9	21.0	31.6
125	33.8	17.9	26.9#

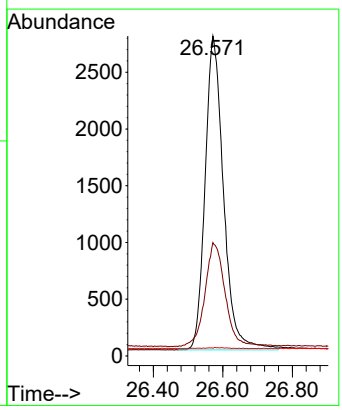


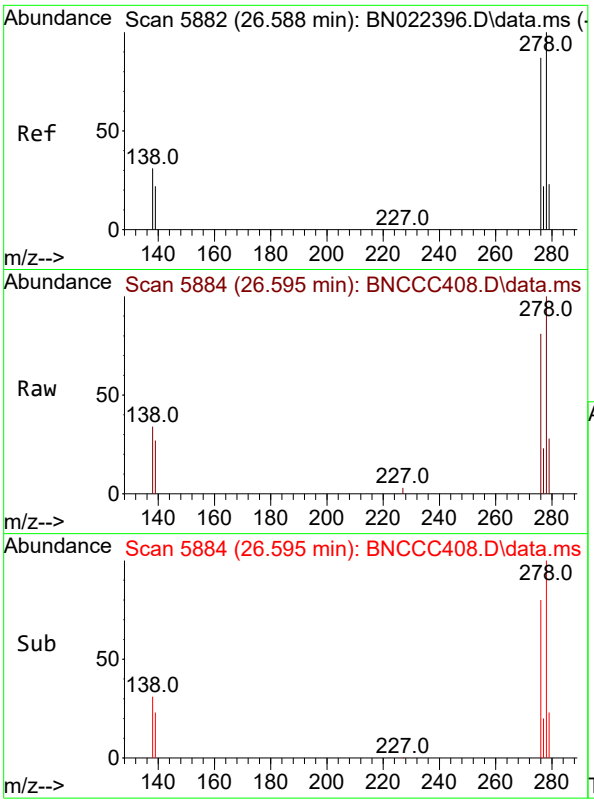


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.397 ng/ul
RT: 26.571 min Scan# 5877
Delta R.T. 0.003 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Tgt Ion:276 Resp: 10163

Ion	Ratio	Lower	Upper
276	100		
138	36.6	27.7	41.5
227	0.2	0.2	0.2



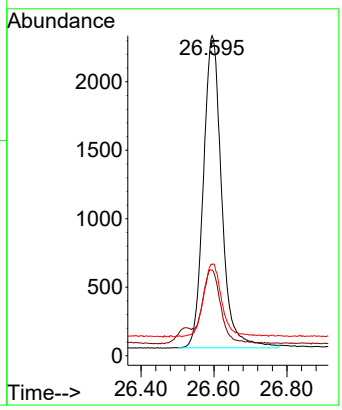


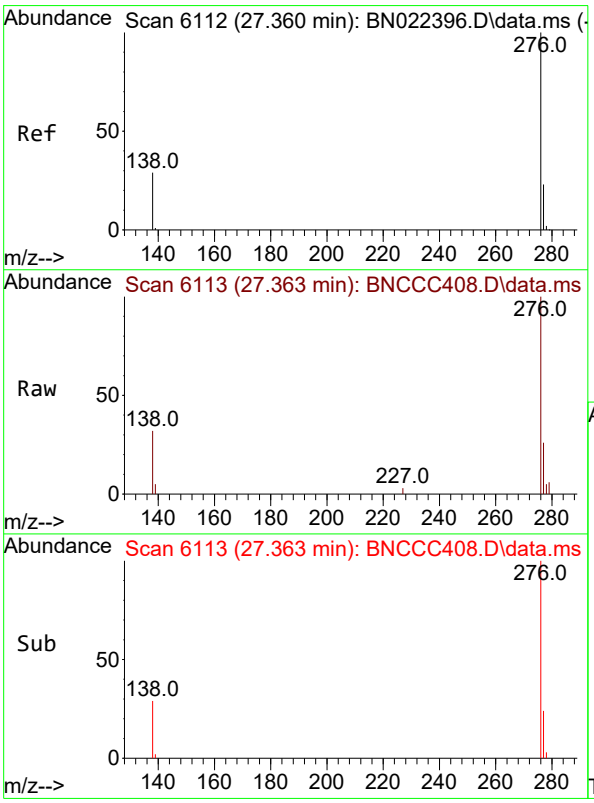
#28
Dibenzo(a,h)anthracene
Concen: 0.389 ng/ul
RT: 26.595 min Scan# 5
Delta R.T. 0.007 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Instrument :
BNA_N
ClientSampleId :
SSTD0.4332

Tgt Ion:278 Resp: 7940

Ion	Ratio	Lower	Upper
278	100		
139	26.7	19.6	29.4
279	28.5	20.6	30.8





#29
Benzo(g,h,i)perylene
Concen: 0.401 ng/ul
RT: 27.363 min Scan# 6113
Delta R.T. 0.003 min
Lab File: BNCCC408.D
Acq: 31 Oct 2022 20:00

Tgt Ion:276 Resp: 8354

Ion	Ratio	Lower	Upper
276	100		
138	32.2	25.2	37.8
277	26.4	19.9	29.9