Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082322\
Data File : BNCCC338.D
Acq On : 23 Aug 2022 21:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 24 01:01:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 22 18:06:52 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.097	152	2266	0.400	ng/ul	0.00
4) Naphthalene-d8	10.927	136	7021	0.400	ng/ul	# 0.00
9) Acenaphthene-d10	14.749	164	3796	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.498	188	8184	0.400	ng/ul	# 0.00
17) Chrysene-d12	21.685	240	7249	0.400	ng/ul	# 0.00
23) Perylene-d12	24.214	264	6081	0.400	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.384	96	1092	0.374	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.511	152	4279	0.403	ng/ul	0.00
18) Fluoranthene-d10	19.524	212	8883	0.398	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.422	88	1164	0.380	ng/ul	97
5) Naphthalene	10.977	128	7859	0.354	ng/ul	98
7) 2-Methylnaphthalene	12.588	142	4995	0.359	ng/ul	97
8) 1-Methylnaphthalene	12.802	142	5301	0.406	ng/ul	99
10) Acenaphthylene	14.471	152	6605	0.337	ng/ul	100
11) Acenaphthene	14.809	153	5227	0.348	ng/ul	97
12) Fluorene	15.795	166	5836	0.348	ng/ul	100
14) Pentachlorophenol	17.143	266	429	0.475	ng/ul	99
15) Phenanthrene	17.540	178	10441	0.344	ng/ul	100
16) Anthracene	17.628	178	8115	0.334	ng/ul	99
19) Fluoranthene	19.552	202	11762	0.342	ng/ul	99
20) Pyrene	19.915	202	11542	0.336	ng/ul	96
21) Benzo(a)anthracene	21.667	228	8896	0.354	ng/ul	100
22) Chrysene	21.720	228	11451	0.354	ng/ul	99
24) Benzo(b)fluoranthene	23.436	252	10816	0.414	ng/ul	97
25) Benzo(k)fluoranthene	23.486	252	10306	0.366	ng/ul	97
26) Benzo(a)pyrene	24.100	252	8971	0.365	ng/ul	97
27) Indeno(1,2,3-cd)pyrene	26.887	276	11115	0.385	ng/ul#	42
28) Dibenzo(a,h)anthracene	26.914	278	9305	0.392	ng/ul	95
29) Benzo(g,h,i)perylene	27.709	276	10821	0.377	ng/ul	98

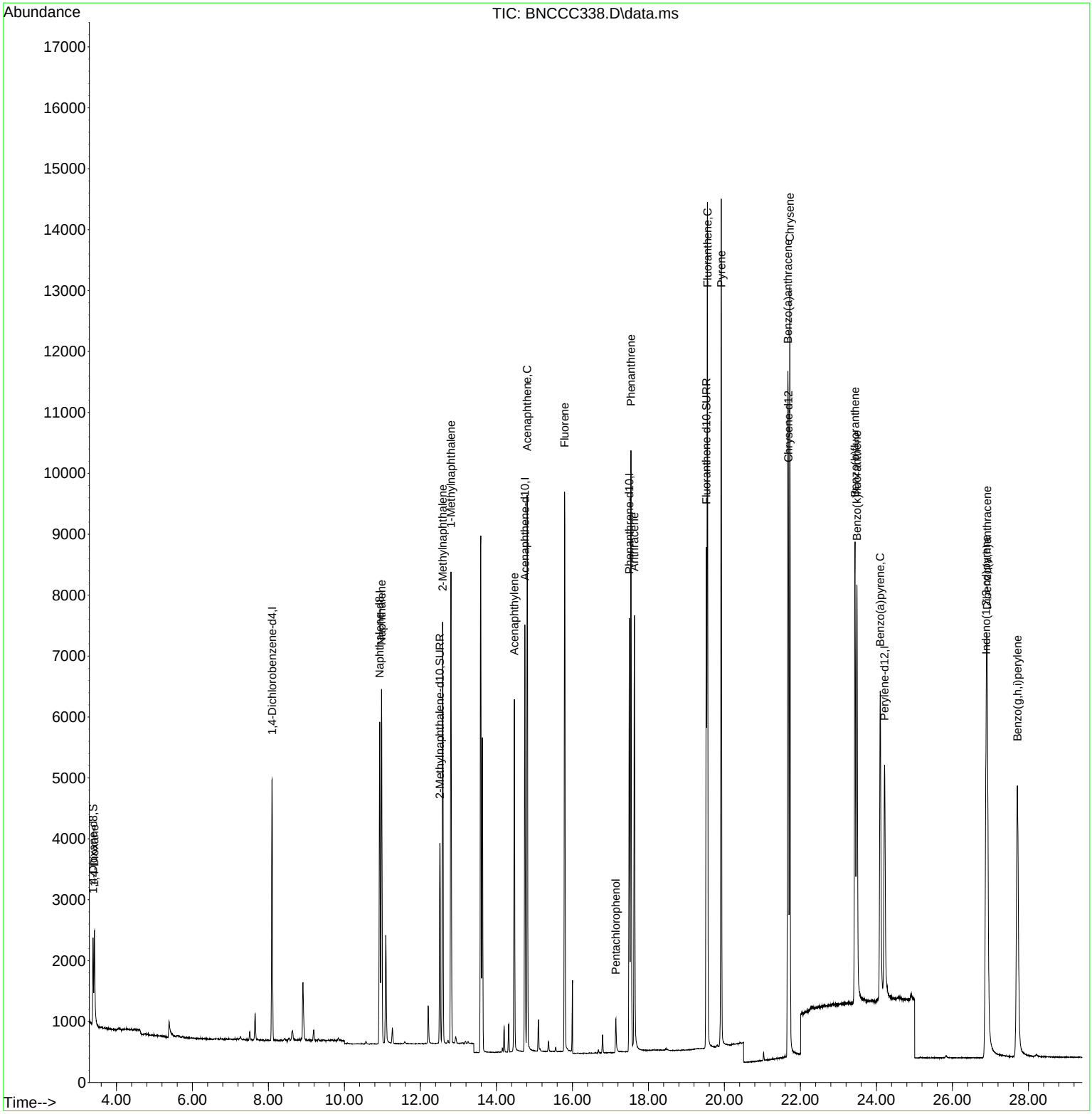
(#) = qualifier out of range (m) = manual integration (+) = signals summed

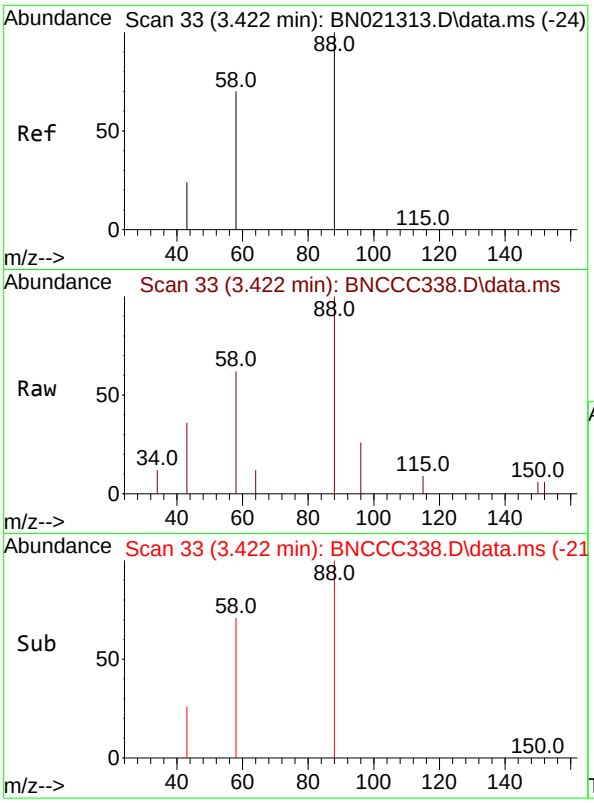
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082322\
Data File : BNCCC338.D
Acq On : 23 Aug 2022 21:46
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: Aug 24 01:01:32 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN082222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 22 18:06:52 2022
Response via : Initial Calibration



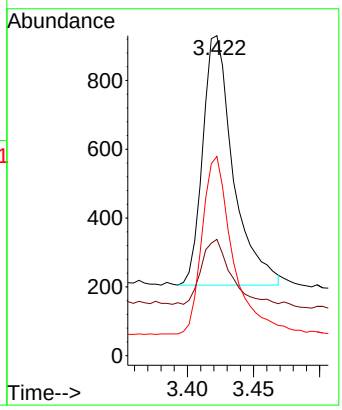


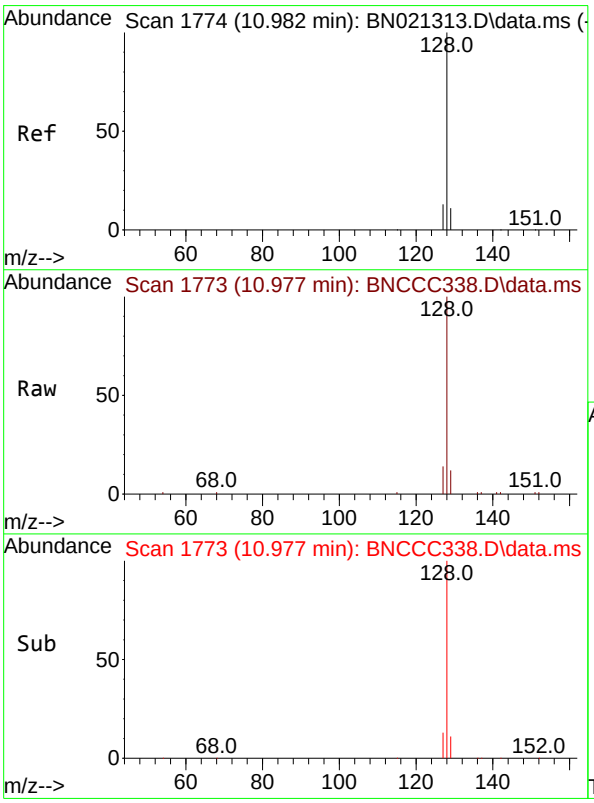
#2
1,4-Dioxane
Concen: 0.380 ng/ul
RT: 3.422 min Scan# 3
Delta R.T. 0.000 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 1164

Ion	Ratio	Lower	Upper
88	100		
43	36.3	31.4	47.0
58	62.3	49.0	73.6

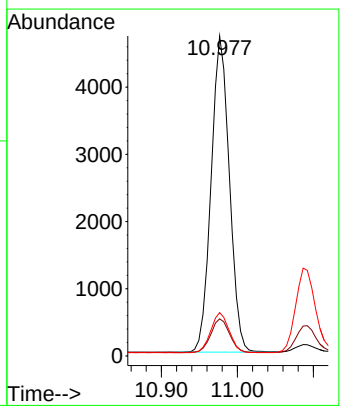


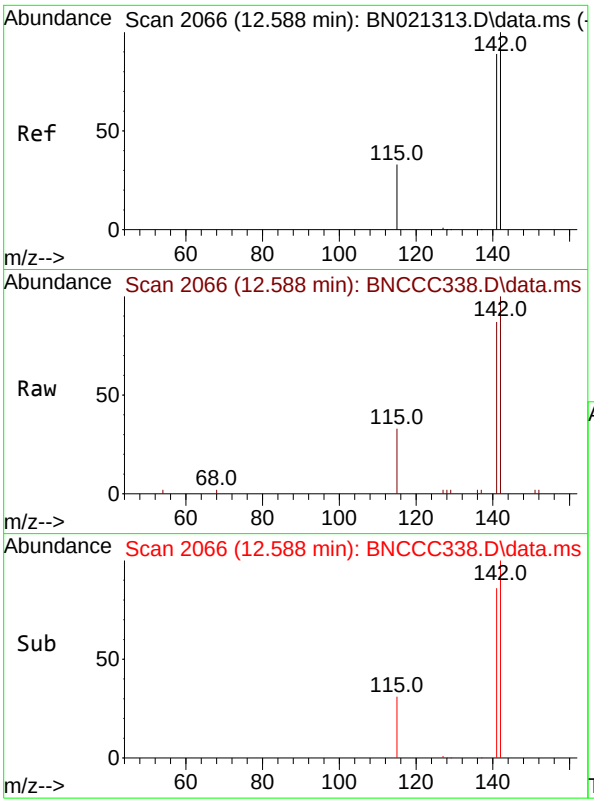


#5
Naphthalene
Concen: 0.354 ng/ul
RT: 10.977 min Scan# 1773
Delta R.T. -0.005 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Tgt Ion:128 Resp: 7859

Ion	Ratio	Lower	Upper
128	100		
129	11.6	9.8	14.6
127	13.6	11.6	17.4



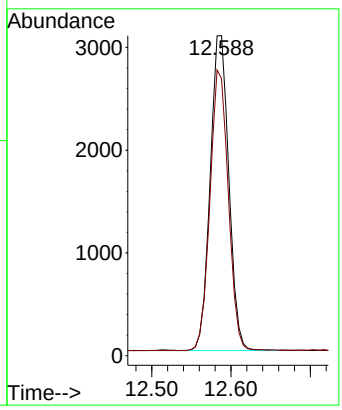


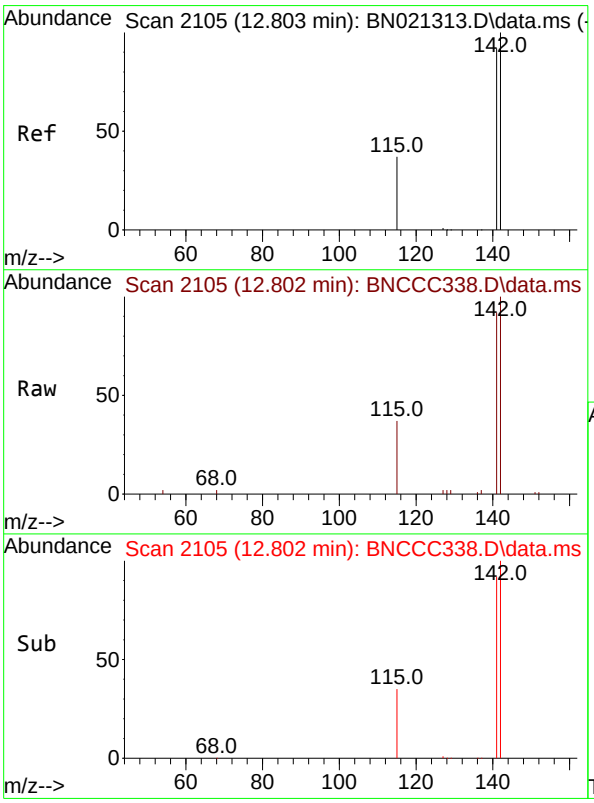
#7
2-Methylnaphthalene
Concen: 0.359 ng/ul
RT: 12.588 min Scan# 2
Delta R.T. 0.000 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 4995

Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.2	108.2

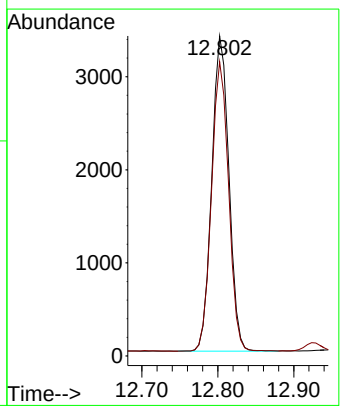


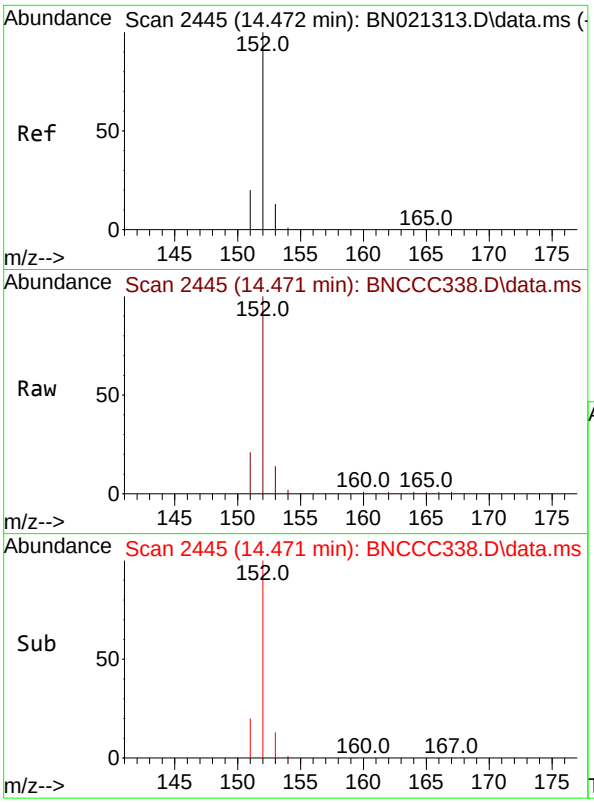


#8
1-Methylnaphthalene
Concen: 0.406 ng/ul
RT: 12.802 min Scan# 2105
Delta R.T. 0.000 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Tgt Ion:142 Resp: 5301

Ion	Ratio	Lower	Upper
142	100		
141	91.7	73.9	110.9



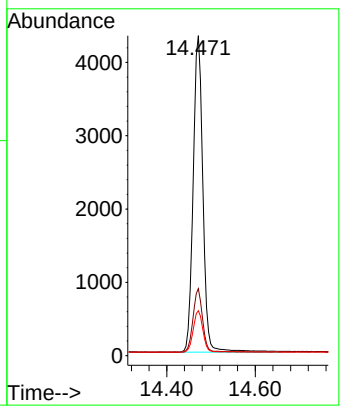


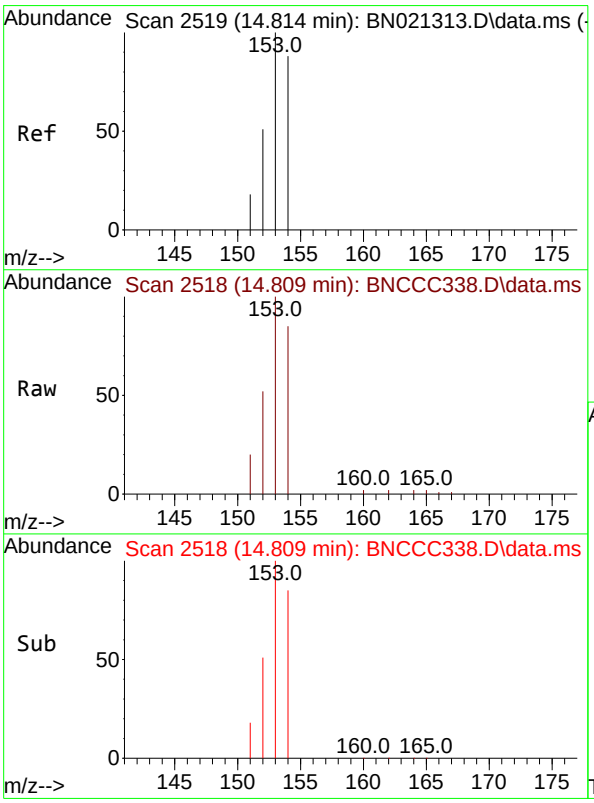
#10
Acenaphthylene
Concen: 0.337 ng/ul
RT: 14.471 min Scan# 24
Delta R.T. 0.000 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 6605

Ion	Ratio	Lower	Upper
152	100		
151	20.9	16.9	25.3
153	14.1	11.2	16.8

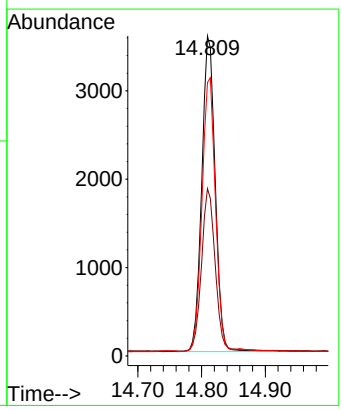


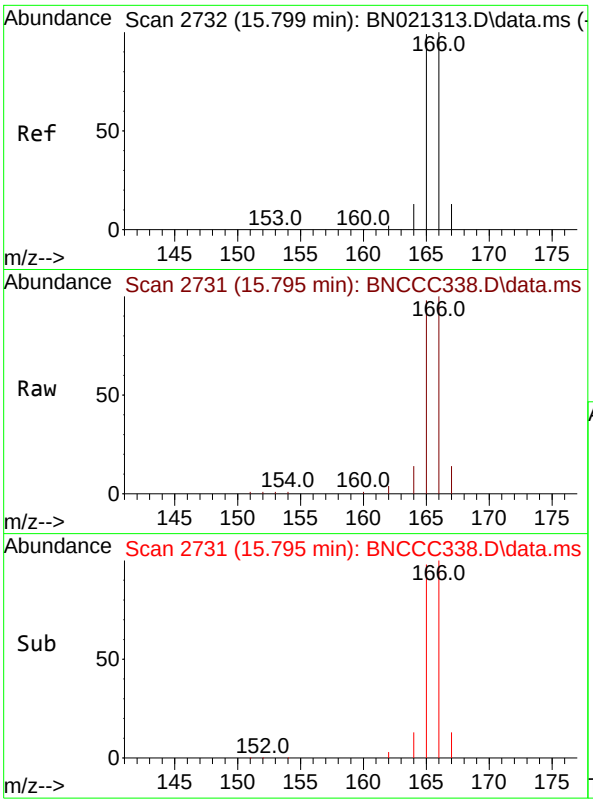


#11
Acenaphthene
Concen: 0.348 ng/ul
RT: 14.809 min Scan# 2518
Delta R.T. -0.005 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Tgt Ion:153 Resp: 5227

Ion	Ratio	Lower	Upper
153	100		
152	52.3	40.2	60.4
154	85.4	70.7	106.1



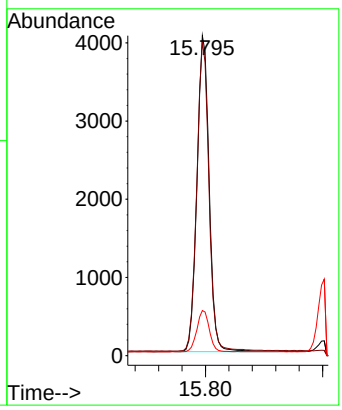


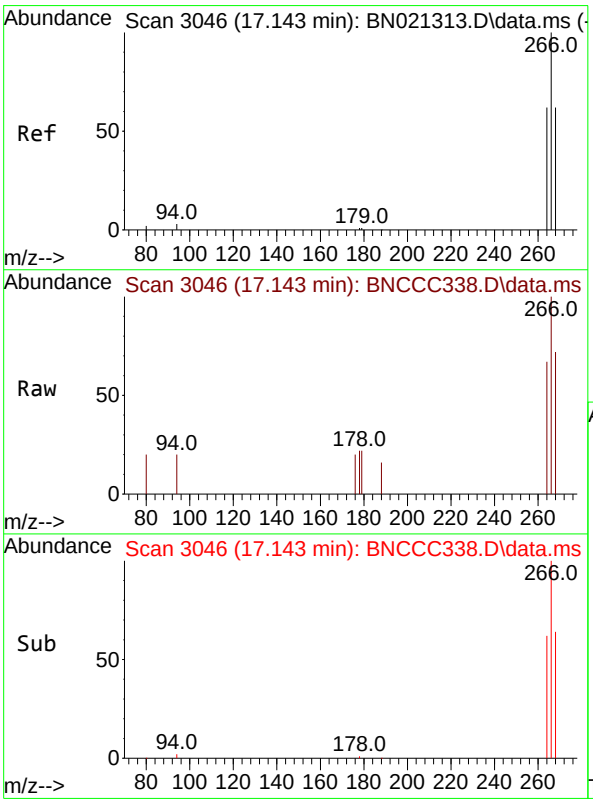
#12
Fluorene
Concen: 0.348 ng/ul
RT: 15.795 min Scan# 2
Delta R.T. -0.005 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 5836

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.6	117.8
167	14.1	11.8	17.6

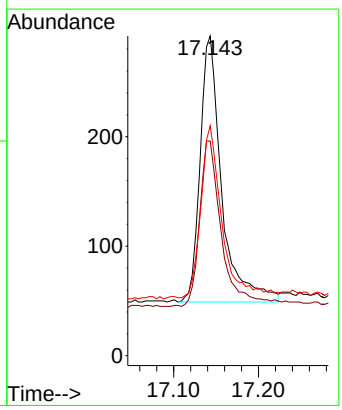


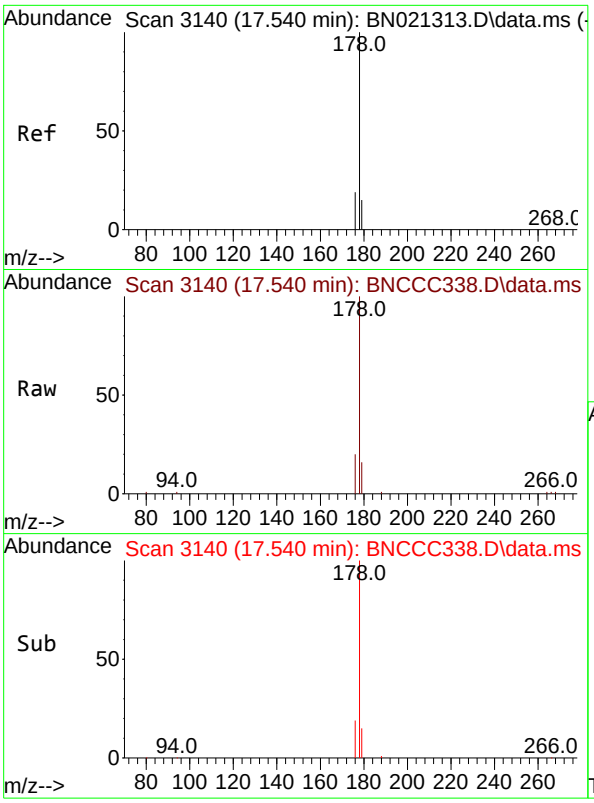


#14
Pentachlorophenol
Concen: 0.475 ng/ul
RT: 17.143 min Scan# 3046
Delta R.T. 0.000 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Tgt Ion:266 Resp: 429

Ion	Ratio	Lower	Upper
266	100		
264	63.4	49.8	74.8
268	62.9	50.6	75.8



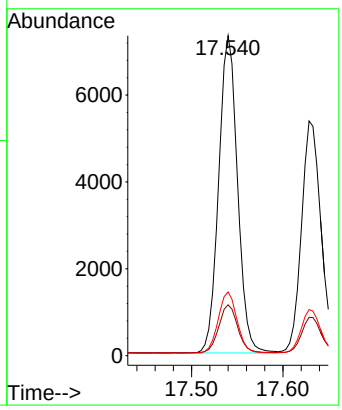


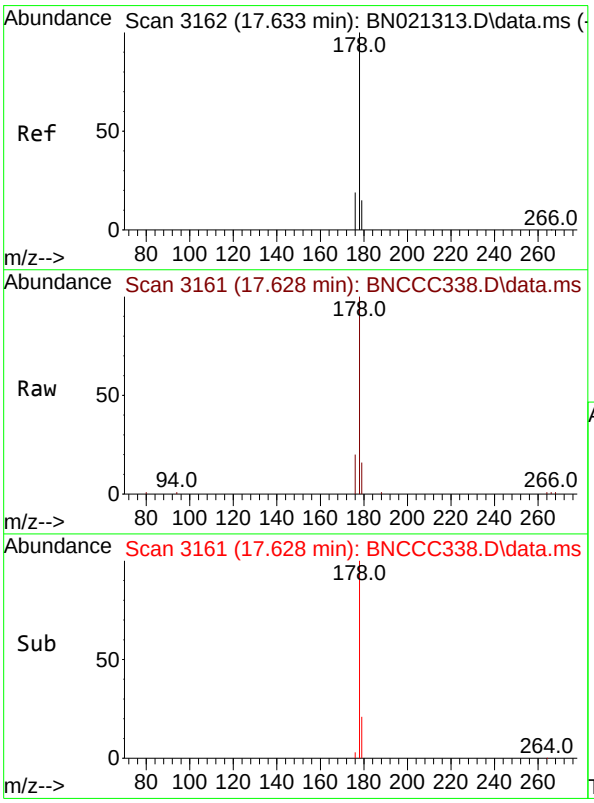
#15
Phenanthrene
Concen: 0.344 ng/ul
RT: 17.540 min Scan# 3
Delta R.T. -0.004 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 10441

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	19.9	15.9	23.9

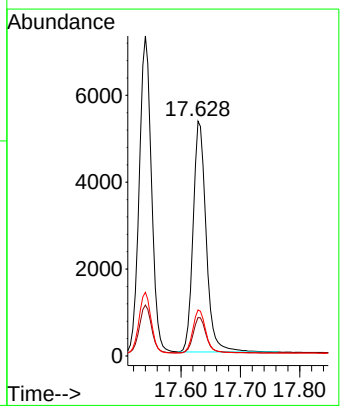


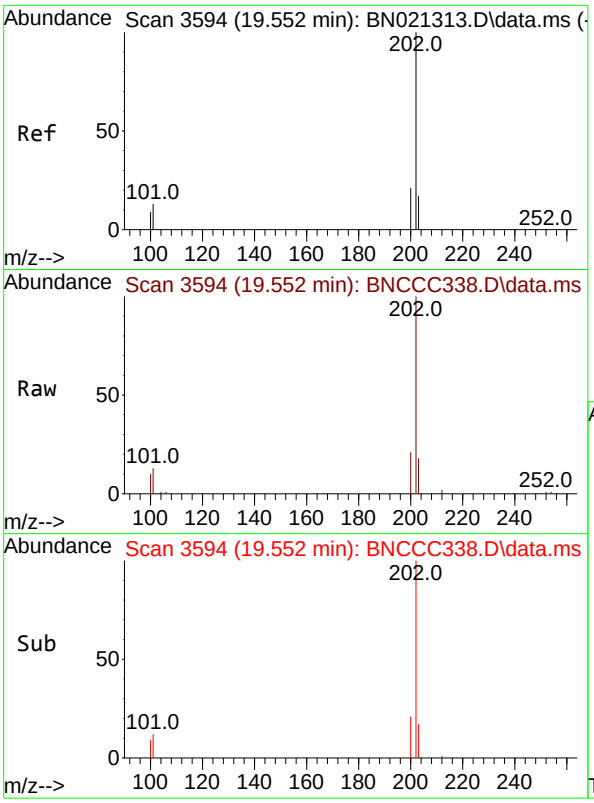


#16
Anthracene
Concen: 0.334 ng/ul
RT: 17.628 min Scan# 3161
Delta R.T. -0.004 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Tgt Ion:178 Resp: 8115

Ion	Ratio	Lower	Upper
178	100		
179	16.4	12.9	19.3
176	19.7	15.9	23.9



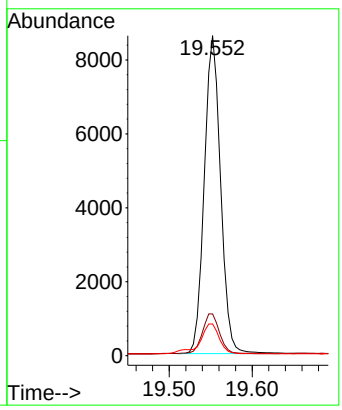


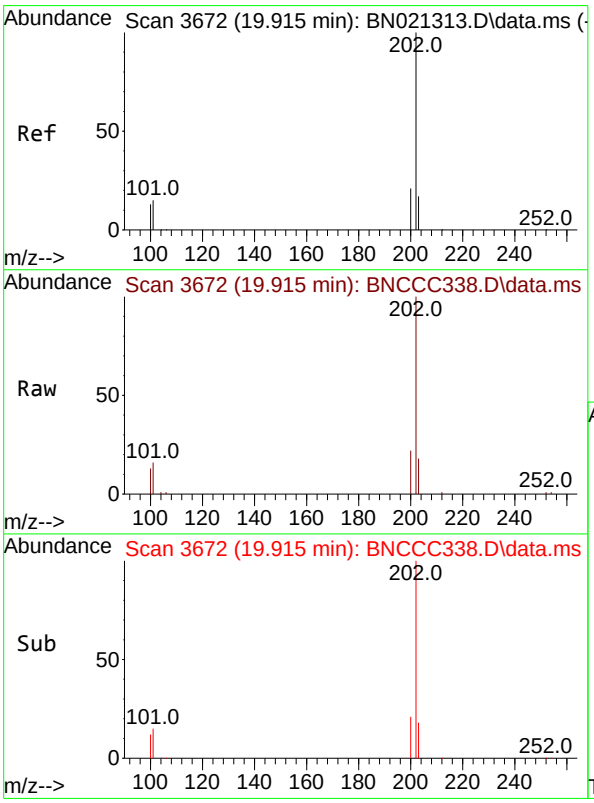
#19
Fluoranthene
Concen: 0.342 ng/ul
RT: 19.552 min Scan# 3
Delta R.T. -0.005 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 11762

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.0	15.0
100	9.9	8.0	12.0

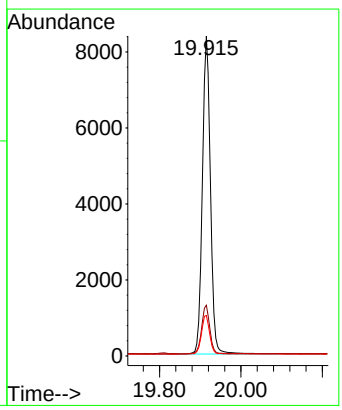


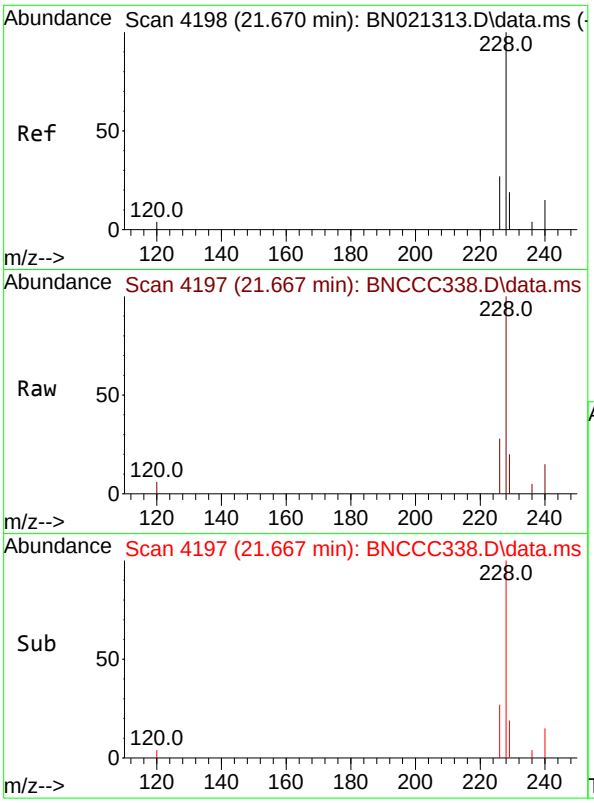


#20
Pyrene
Concen: 0.336 ng/ul
RT: 19.915 min Scan# 3672
Delta R.T. -0.005 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Tgt Ion:202 Resp: 11542

Ion	Ratio	Lower	Upper
202	100		
101	15.9	11.3	16.9
100	12.6	9.0	13.4



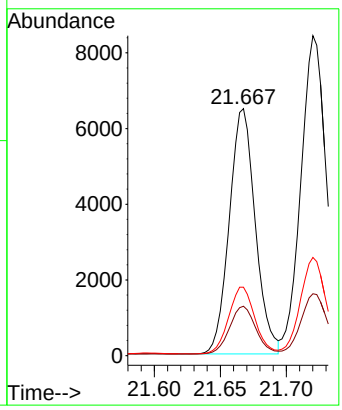


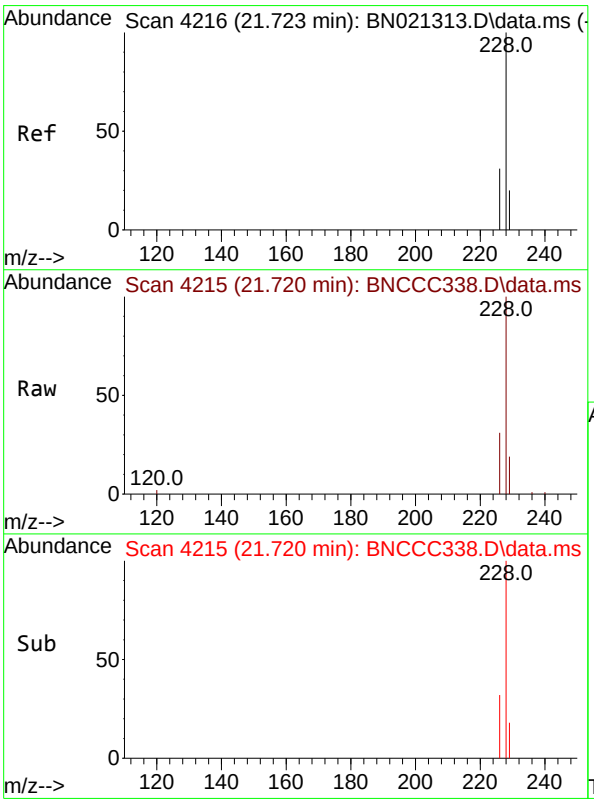
#21
Benzo(a)anthracene
Concen: 0.354 ng/ul
RT: 21.667 min Scan# 4
Delta R.T. -0.006 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 8896

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.0	24.0
226	27.7	21.9	32.9

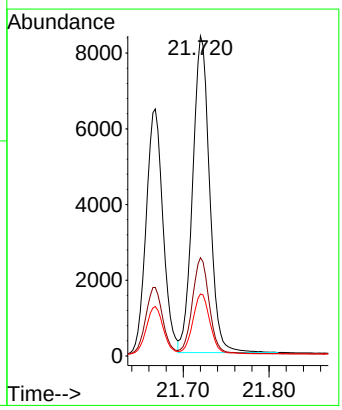


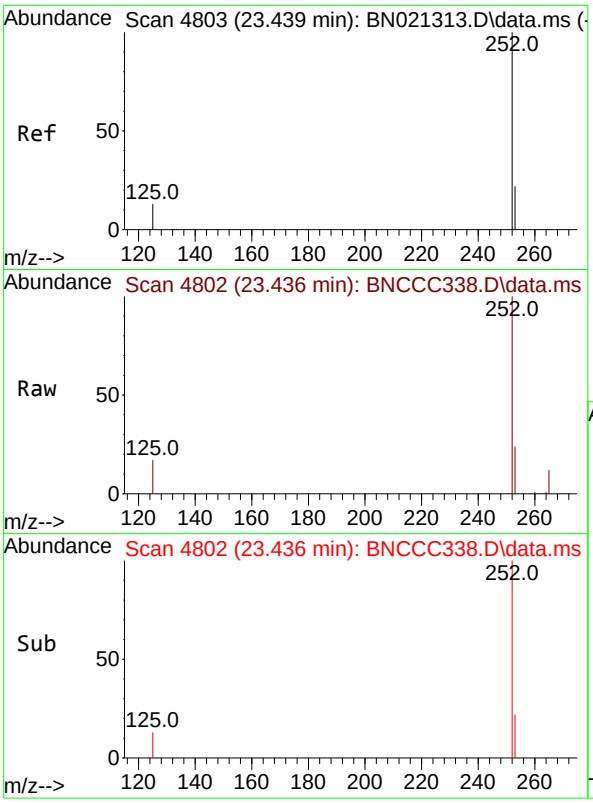


#22
Chrysene
Concen: 0.354 ng/ul
RT: 21.720 min Scan# 4215
Delta R.T. -0.009 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Tgt Ion:228 Resp: 11451

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.6	37.0
229	19.4	15.8	23.8



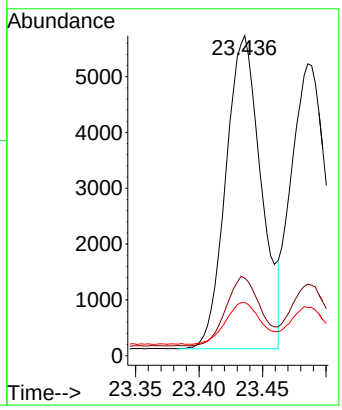


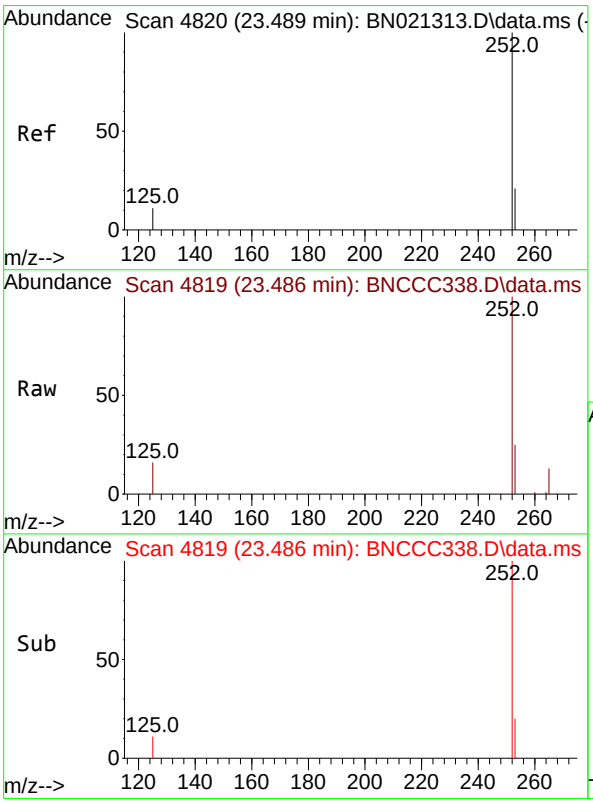
#24
Benzo(b)fluoranthene
Concen: 0.414 ng/ul
RT: 23.436 min Scan# 4
Delta R.T. -0.009 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 10816

Ion	Ratio	Lower	Upper
252	100		
253	24.3	0.0	50.8
125	16.6	0.0	30.0

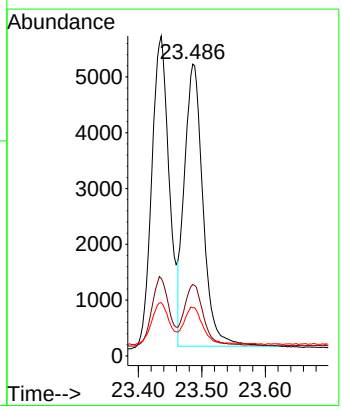


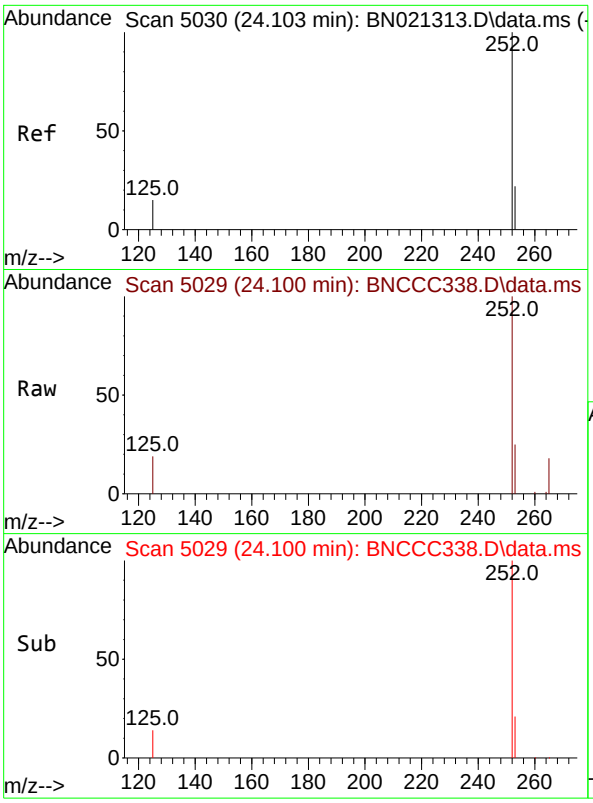


#25
Benzo(k)fluoranthene
Concen: 0.366 ng/ul
RT: 23.486 min Scan# 4819
Delta R.T. -0.012 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Tgt Ion:252 Resp: 10306

Ion	Ratio	Lower	Upper
252	100		
253	24.5	20.6	31.0
125	16.5	11.8	17.6



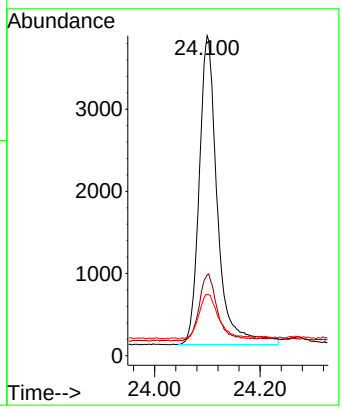


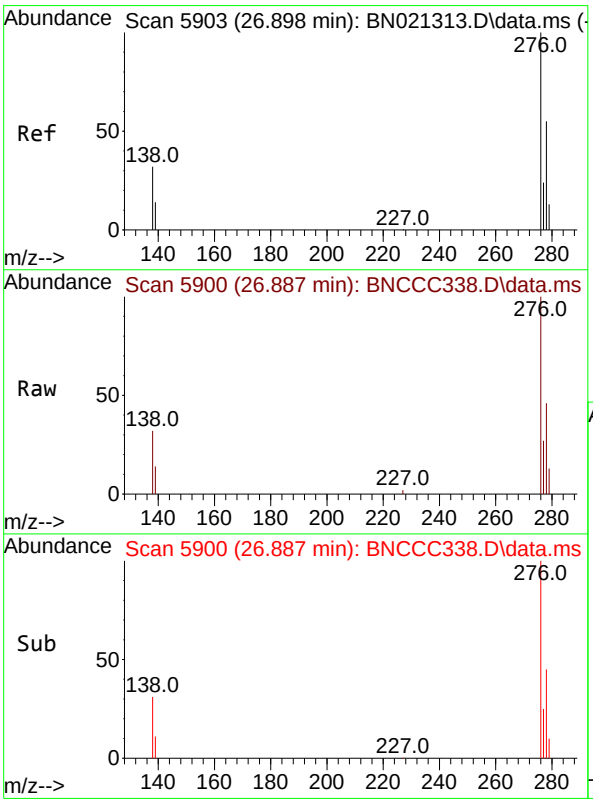
#26
Benzo(a)pyrene
Concen: 0.365 ng/ul
RT: 24.100 min Scan# 5
Delta R.T. -0.009 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 8971

Ion	Ratio	Lower	Upper
252	100		
253	25.2	22.1	33.1
125	19.1	14.7	22.1

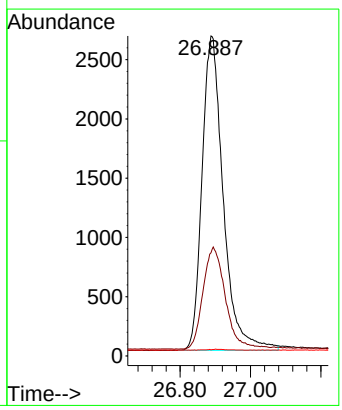


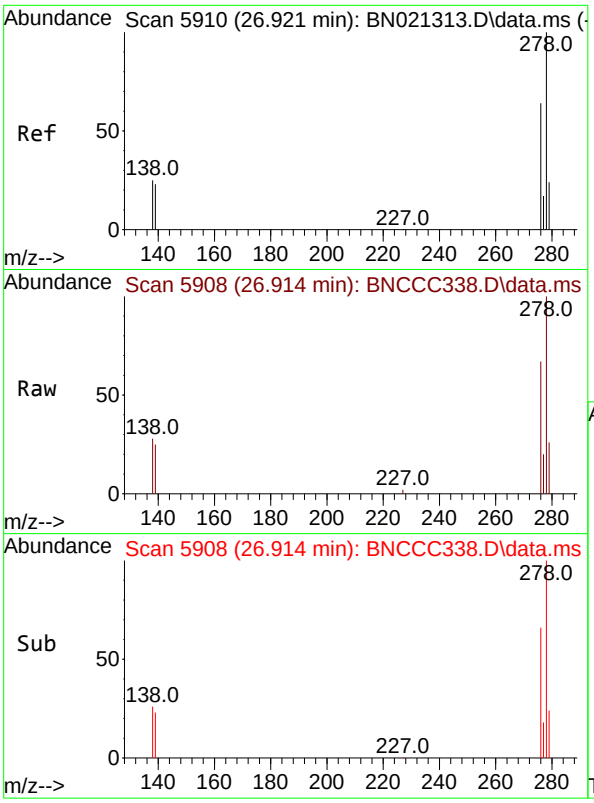


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.385 ng/ul
RT: 26.887 min Scan# 5900
Delta R.T. -0.017 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Tgt Ion:276 Resp: 11115

Ion	Ratio	Lower	Upper
276	100		
138	0.0	26.1	39.1#
227	0.1	0.1	0.1



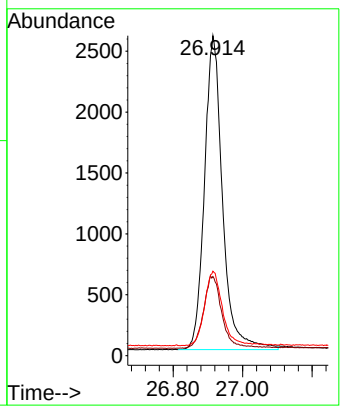


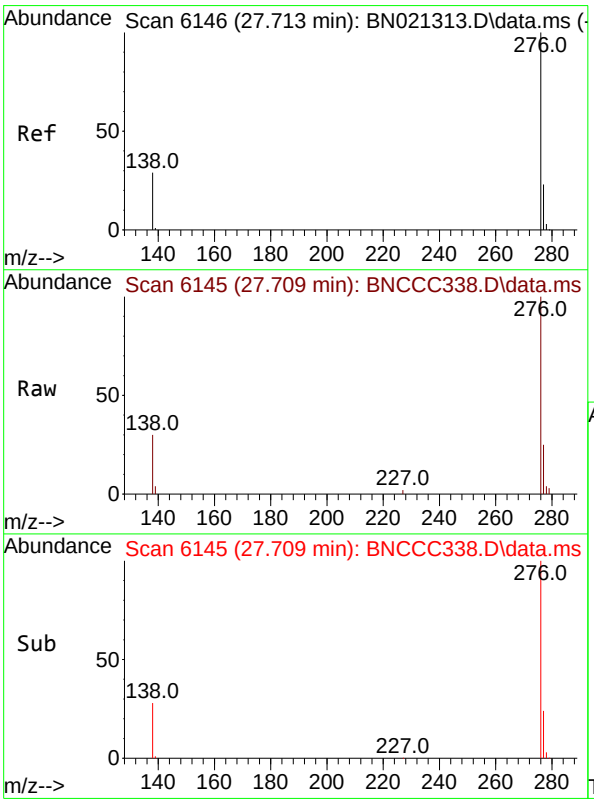
#28
Dibenzo(a,h)anthracene
Concen: 0.392 ng/ul
RT: 26.914 min Scan# 5
Delta R.T. -0.013 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 9305

Ion	Ratio	Lower	Upper
278	100		
139	24.7	18.3	27.5
279	26.4	23.9	35.9





#29
Benzo(g,h,i)perylene
Concen: 0.377 ng/ul
RT: 27.709 min Scan# 6145
Delta R.T. -0.013 min
Lab File: BNCCC338.D
Acq: 23 Aug 2022 21:46

Tgt Ion:276 Resp: 10821

Ion	Ratio	Lower	Upper
276	100		
138	30.0	22.6	34.0
277	25.5	20.2	30.2