Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051622\
Data File : BNCCC800.D
Acq On : 16 May 2022 20:37
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 17 01:43:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.855	152	3656	0.400	ng/ul		0.00
4) Naphthalene-d8	10.645	136	11773	0.400	ng/ul	#	0.00
9) Acenaphthene-d10	14.479	164	6975	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.213	188	15202	0.400	ng/ul		0.00
17) Chrysene-d12	21.403	240	15164	0.400	ng/ul		0.00
23) Perylene-d12	23.741	264	13971	0.400	ng/ul	#	0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.319	96	1644	0.380	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.234	152	8035	0.451	ng/ul		0.00
18) Fluoranthene-d10	19.244	212	17814	0.371	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.353	88	1708	0.372	ng/ul	#	83
5) Naphthalene	10.694	128	15106	0.396	ng/ul		99
7) 2-Methylnaphthalene	12.306	142	9823	0.423	ng/ul	#	100
8) 1-Methylnaphthalene	12.526	142	9673	0.450	ng/ul	#	100
10) Acenaphthylene	14.197	152	13368	0.387	ng/ul		100
11) Acenaphthene	14.539	153	10787	0.389	ng/ul		99
12) Fluorene	15.524	166	12213	0.401	ng/ul		100
14) Pentachlorophenol	16.867	266	1146	0.350	ng/ul		89
15) Phenanthrene	17.255	178	21518	0.385	ng/ul		100
16) Anthracene	17.348	178	17835	0.391	ng/ul		99
19) Fluoranthene	19.272	202	24303	0.350	ng/ul		100
20) Pyrene	19.634	202	24595	0.355	ng/ul		99
21) Benzo(a)anthracene	21.385	228	20882	0.368	ng/ul		100
22) Chrysene	21.435	228	24830	0.372	ng/ul		99
24) Benzo(b)fluoranthene	23.028	252	24721	0.349	ng/ul		92
25) Benzo(k)fluoranthene	23.075	252	24756	0.363	ng/ul		98
26) Benzo(a)pyrene	23.636	252	22005	0.364	ng/ul	#	79
27) Indeno(1,2,3-cd)pyrene	26.144	276	27473	0.365	ng/ul	#	92
28) Dibenzo(a,h)anthracene	26.161	278	22561	0.358	ng/ul	#	81
29) Benzo(g,h,i)perylene	26.879	276	22362	0.325	ng/ul		97

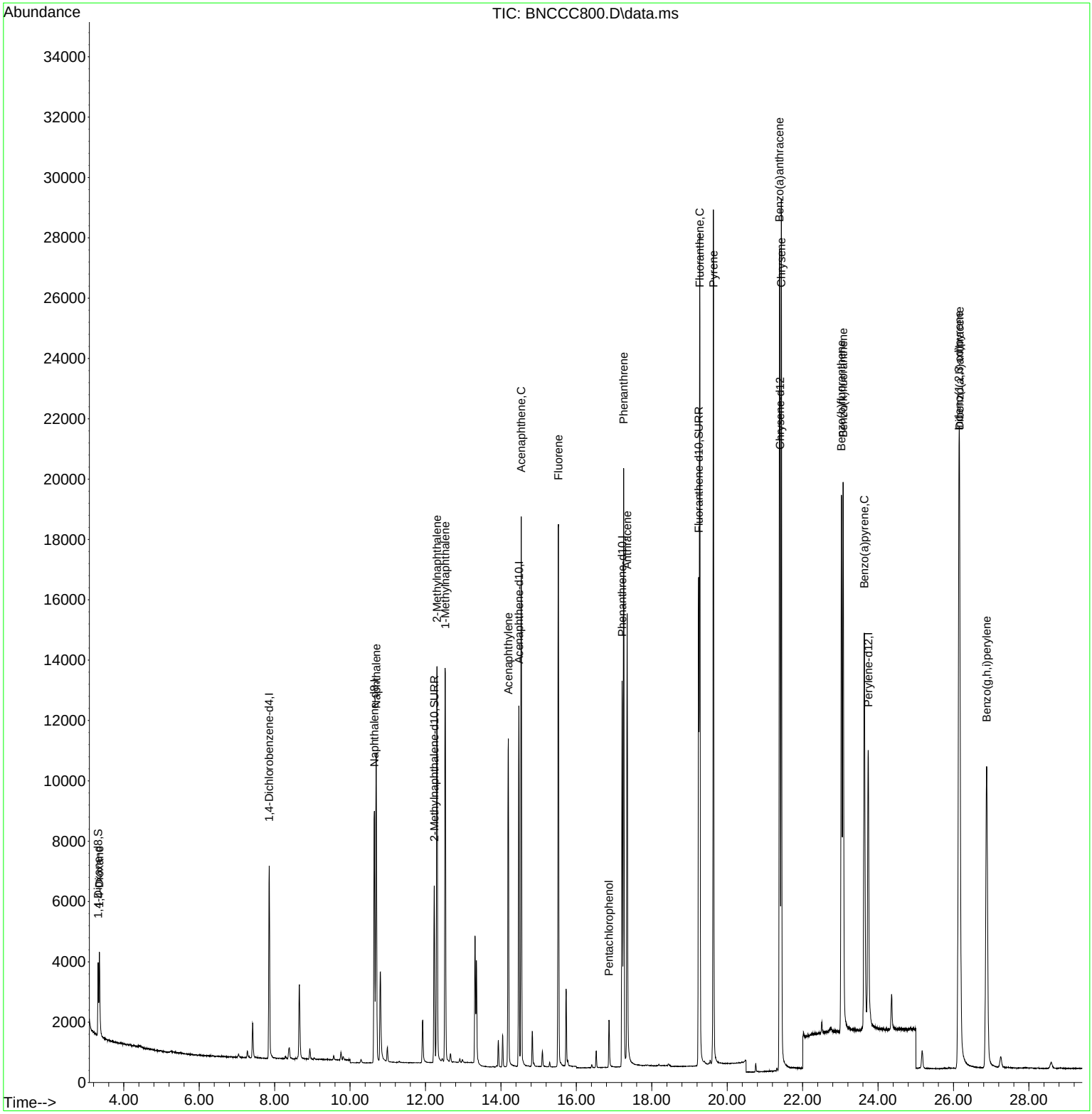
(#) = qualifier out of range (m) = manual integration (+) = signals summed

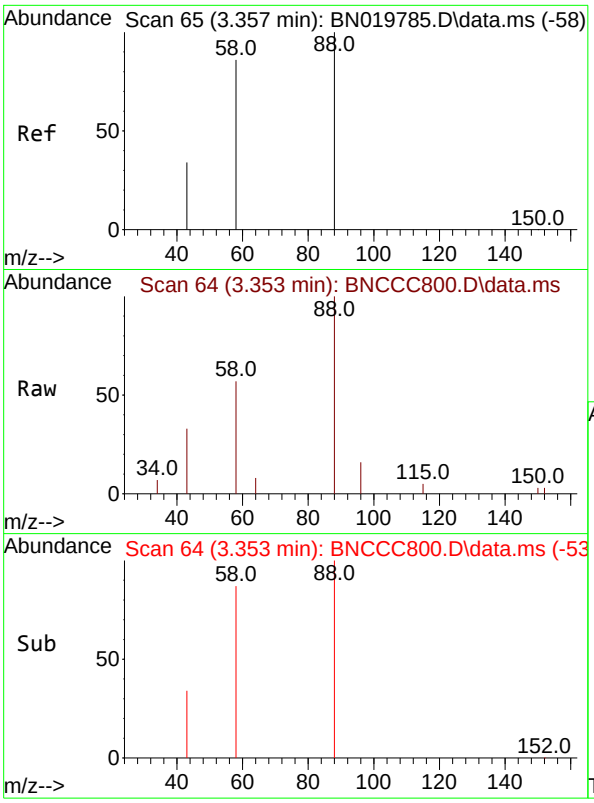
Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051622\
Data File : BNCCC800.D
Acq On : 16 May 2022 20:37
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :

Quant Time: May 17 01:43:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN042922.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 17 01:41:05 2022
Response via : Initial Calibration



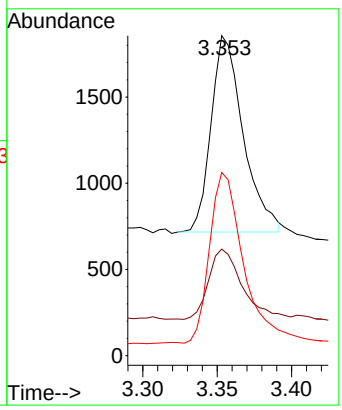


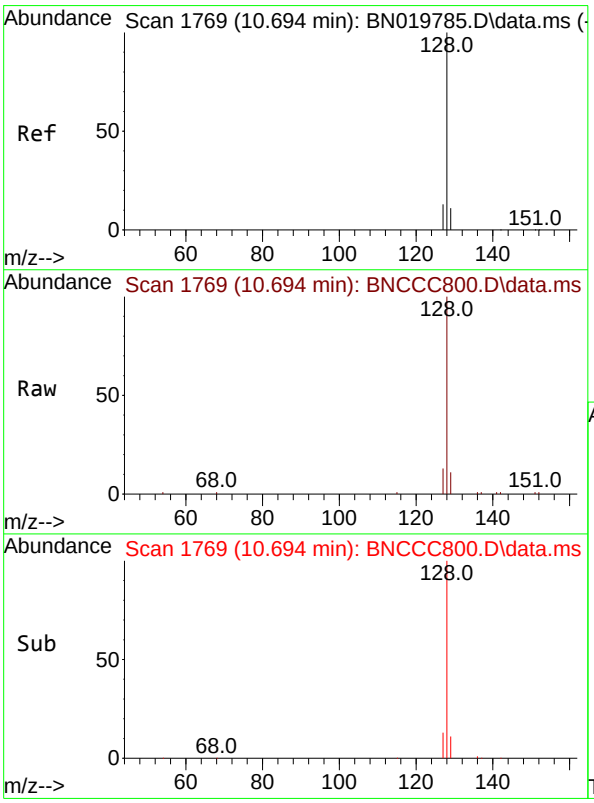
#2
1,4-Dioxane
Concen: 0.372 ng/ul
RT: 3.353 min Scan# 64
Delta R.T. -0.004 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion: 88 Resp: 1708

Ion	Ratio	Lower	Upper
88	100		
43	33.3	39.0	58.4#
58	57.2	39.8	59.8

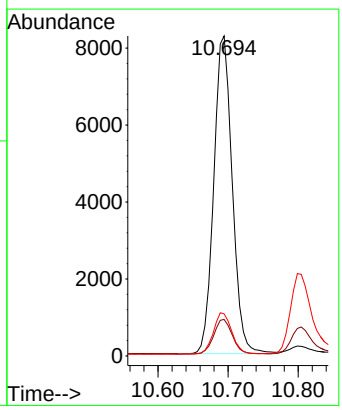


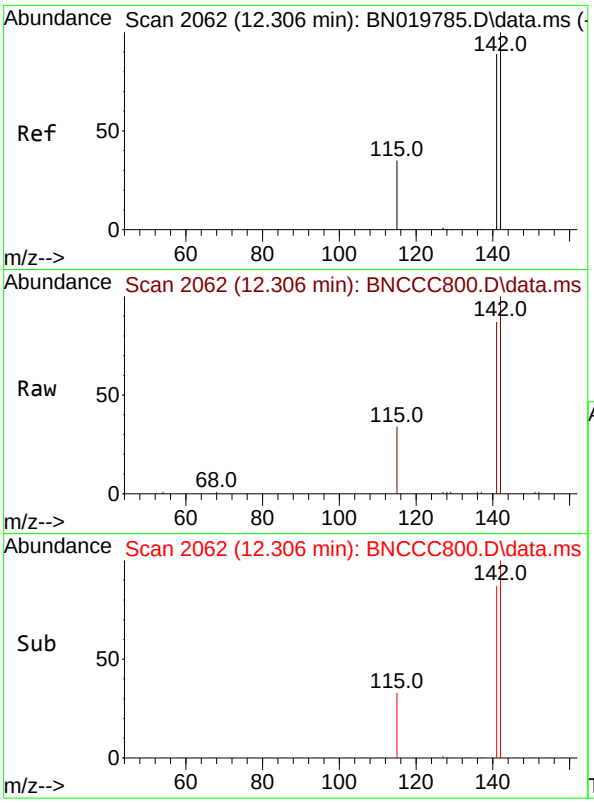


#5
Naphthalene
Concen: 0.396 ng/ul
RT: 10.694 min Scan# 1769
Delta R.T. 0.000 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Tgt Ion:128 Resp: 15106

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.5	14.3
127	13.2	11.0	16.4



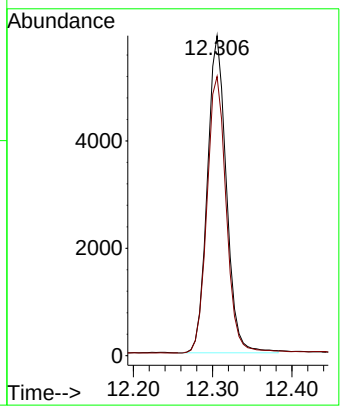


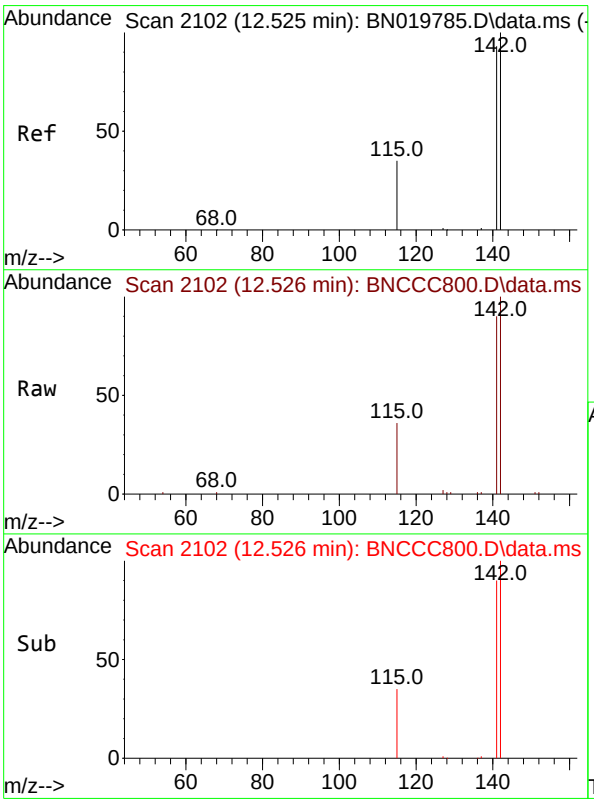
#7
2-Methylnaphthalene
Concen: 0.423 ng/ul
RT: 12.306 min Scan# 2
Delta R.T. 0.000 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:142 Resp: 9823

Ion	Ratio	Lower	Upper
142	100		
141	88.6	0.0	0.0#

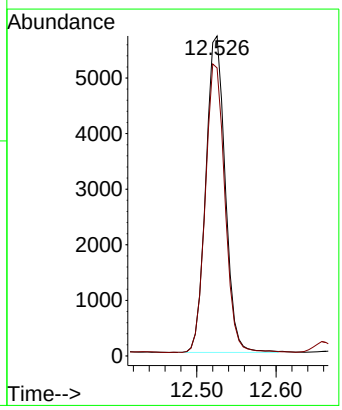


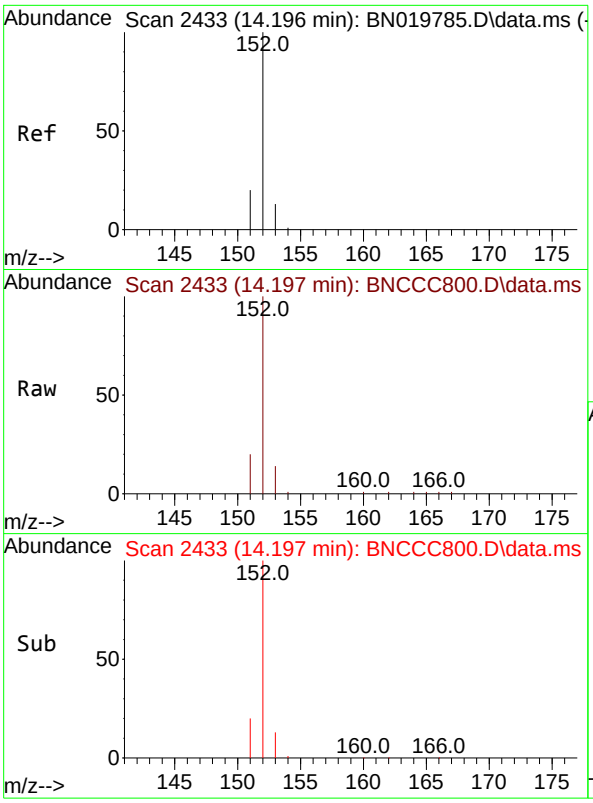


#8
1-Methylnaphthalene
Concen: 0.450 ng/ul
RT: 12.526 min Scan# 2102
Delta R.T. 0.000 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Tgt Ion:142 Resp: 9673

Ion	Ratio	Lower	Upper
142	100		
141	91.8	0.0	0.0#



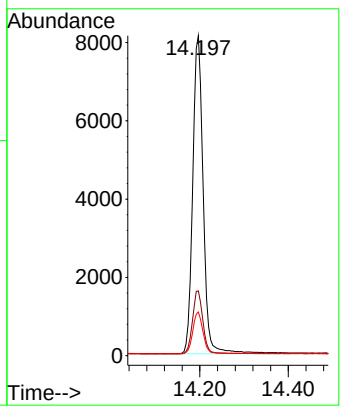


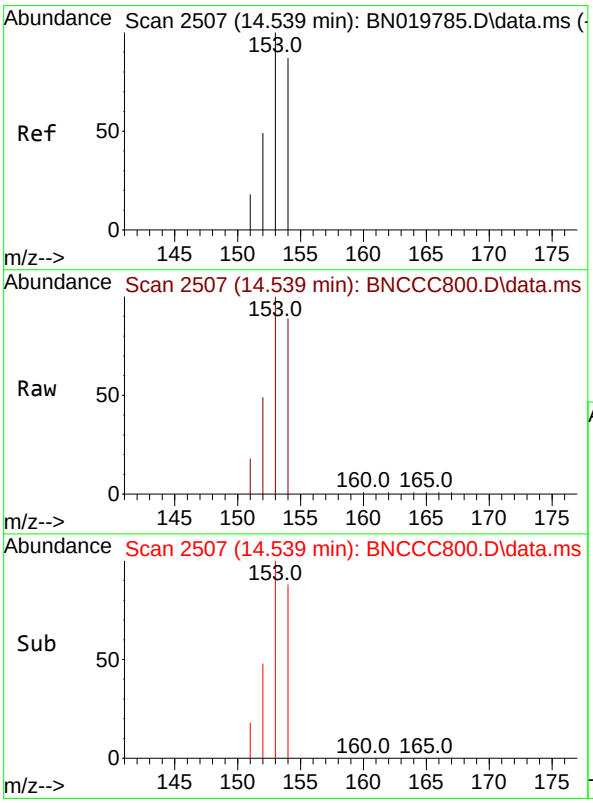
#10
Acenaphthylene
Concen: 0.387 ng/ul
RT: 14.197 min Scan# 24
Delta R.T. 0.000 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:152 Resp: 13368

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.3	24.5
153	13.6	11.1	16.7

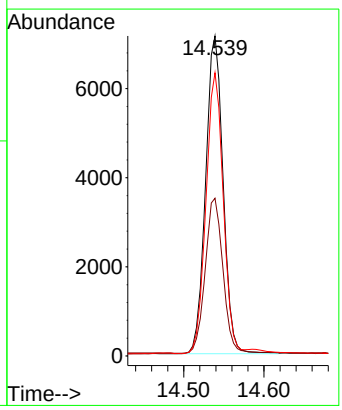


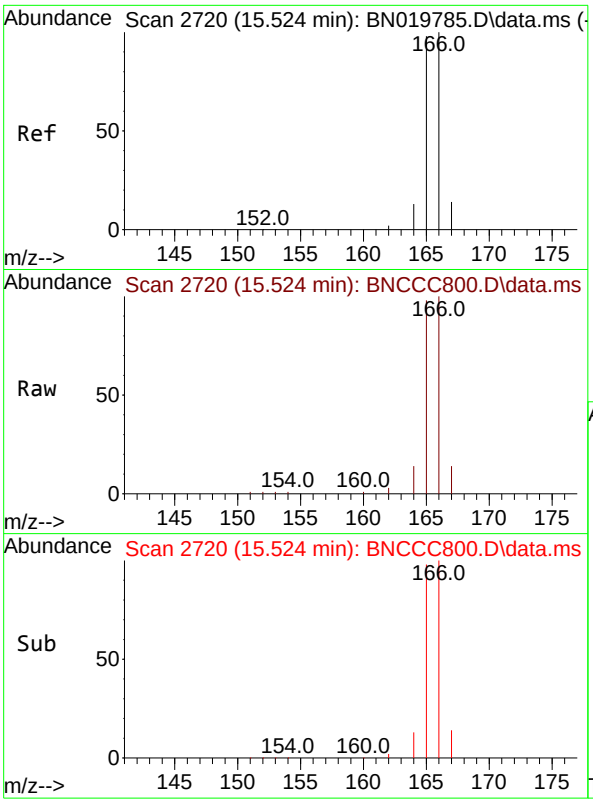


#11
Acenaphthene
Concen: 0.389 ng/ul
RT: 14.539 min Scan# 2507
Delta R.T. 0.000 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Tgt Ion:153 Resp: 10787

Ion	Ratio	Lower	Upper
153	100		
152	49.3	38.6	57.8
154	88.5	71.2	106.8



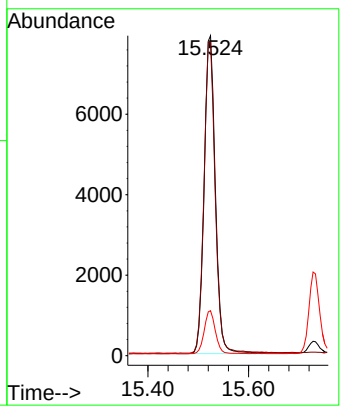


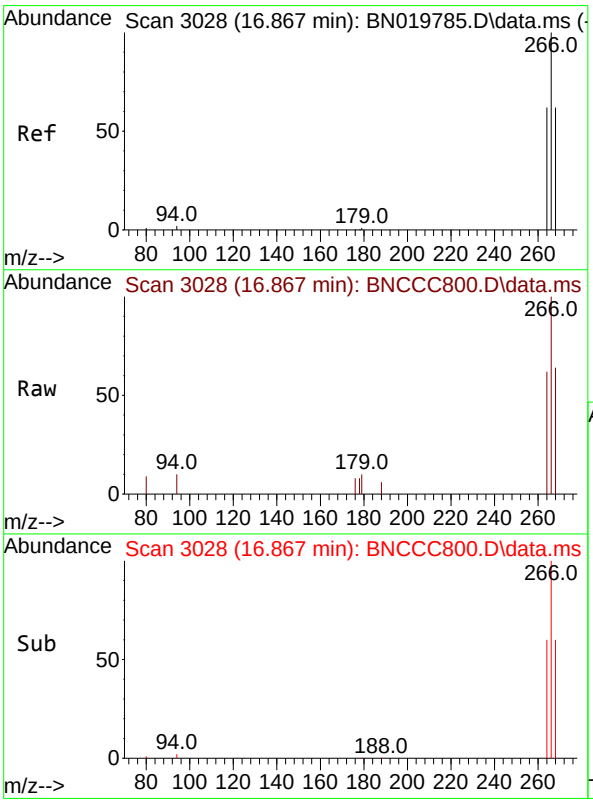
#12
Fluorene
Concen: 0.401 ng/ul
RT: 15.524 min Scan# 2
Delta R.T. 0.000 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:166 Resp: 12213

Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.2	117.2
167	14.1	11.3	16.9

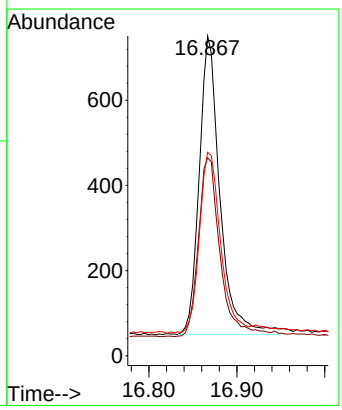


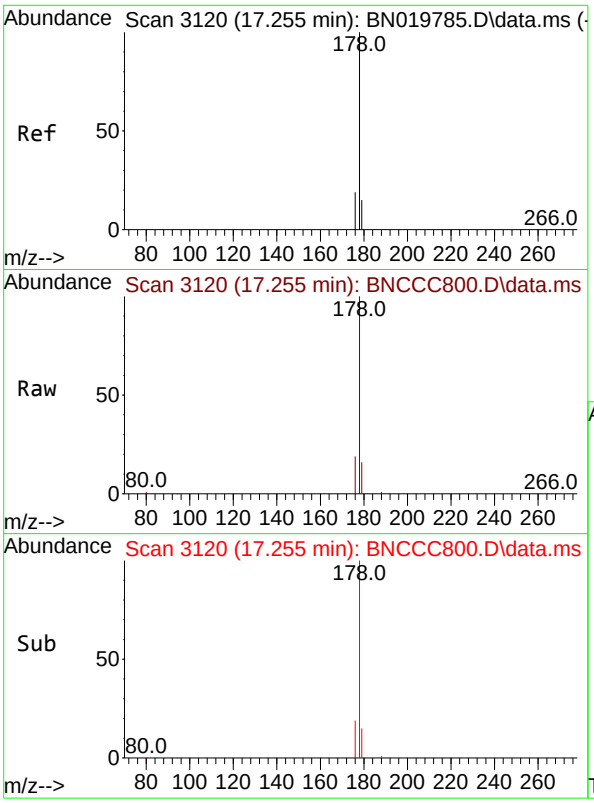


#14
Pentachlorophenol
Concen: 0.350 ng/ul
RT: 16.867 min Scan# 3028
Delta R.T. 0.000 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Tgt Ion:266 Resp: 1146

Ion	Ratio	Lower	Upper
266	100		
264	63.3	44.9	67.3
268	64.5	44.6	67.0



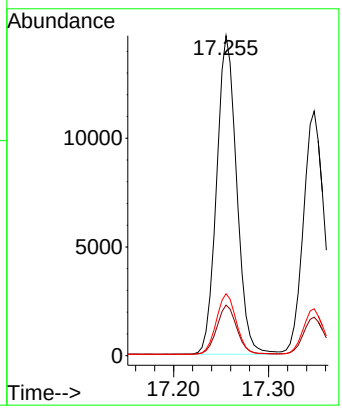


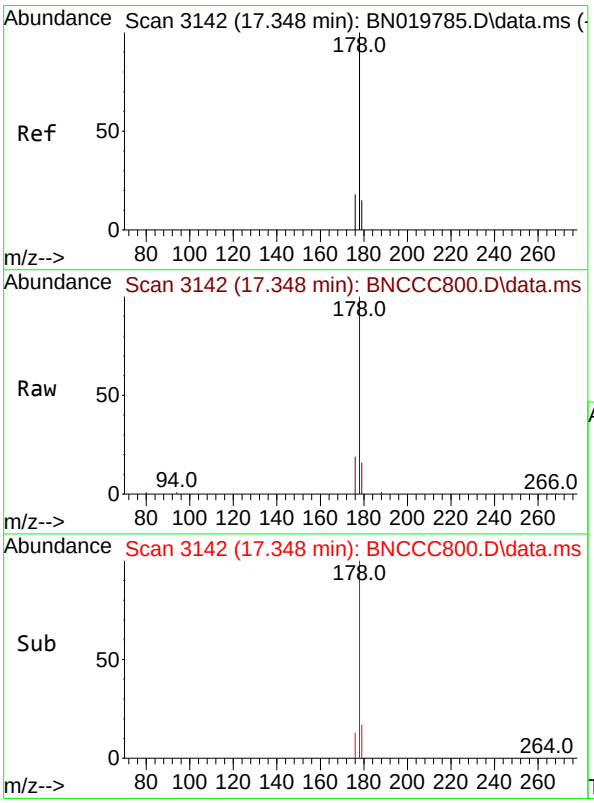
#15
Phenanthrene
Concen: 0.385 ng/ul
RT: 17.255 min Scan# 3
Delta R.T. 0.000 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:178 Resp: 21518

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.9	19.3
176	19.3	15.5	23.3

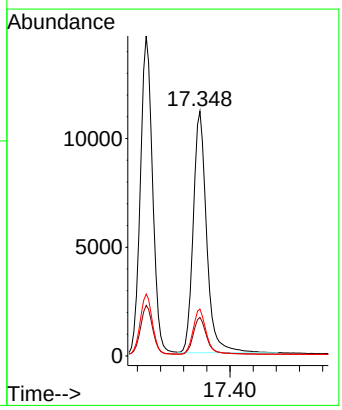


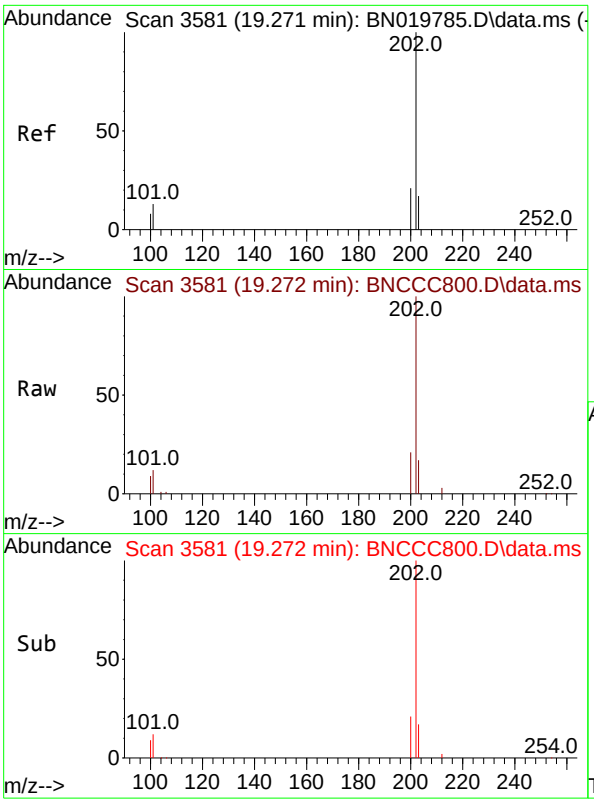


#16
Anthracene
Concen: 0.391 ng/ul
RT: 17.348 min Scan# 3142
Delta R.T. 0.000 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Tgt Ion:178 Resp: 17835

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.1	19.7
176	19.2	15.3	22.9



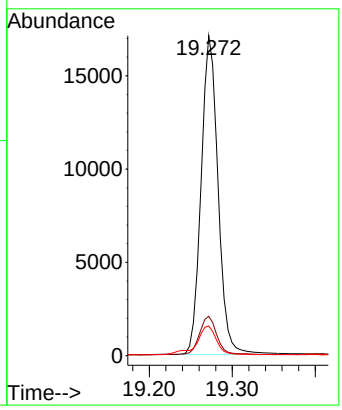


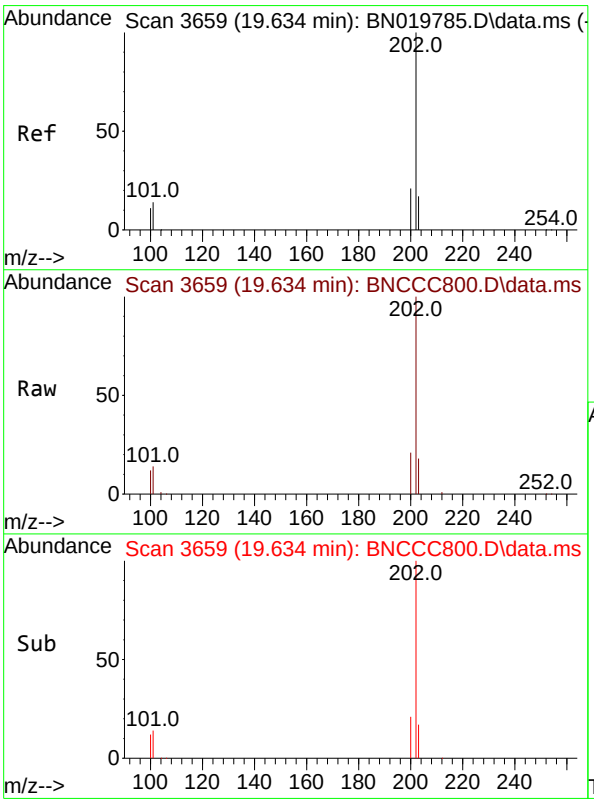
#19
Fluoranthene
Concen: 0.350 ng/ul
RT: 19.272 min Scan# 3
Delta R.T. 0.000 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:202 Resp: 24303

Ion	Ratio	Lower	Upper
202	100		
101	12.3	9.7	14.5
100	9.2	7.4	11.2

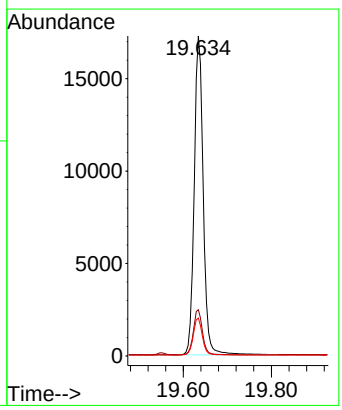


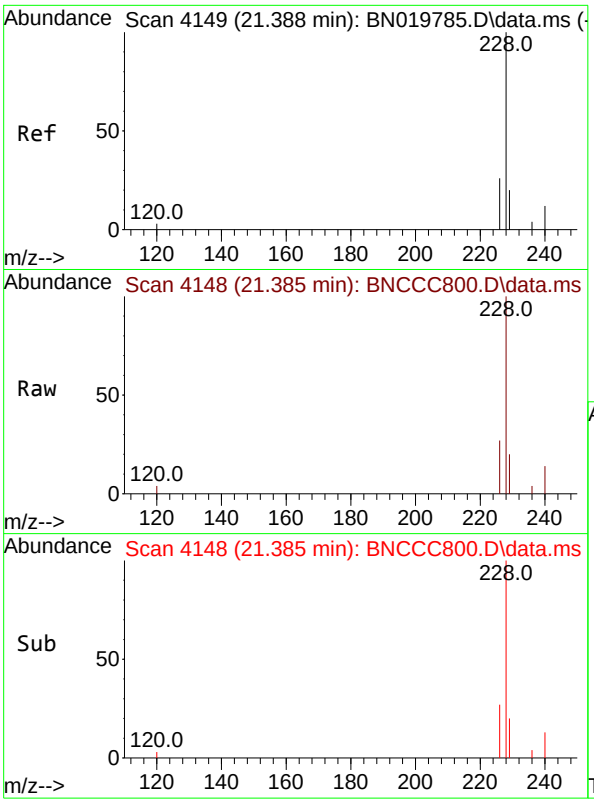


#20
Pyrene
Concen: 0.355 ng/ul
RT: 19.634 min Scan# 3659
Delta R.T. 0.000 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Tgt Ion:202 Resp: 24595

Ion	Ratio	Lower	Upper
202	100		
101	14.5	11.4	17.0
100	11.8	9.0	13.4



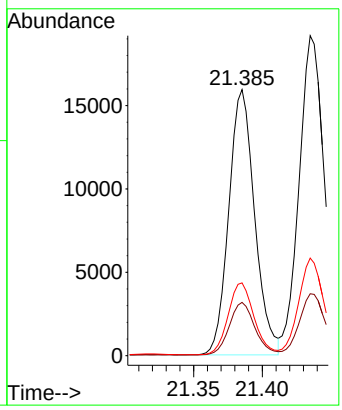


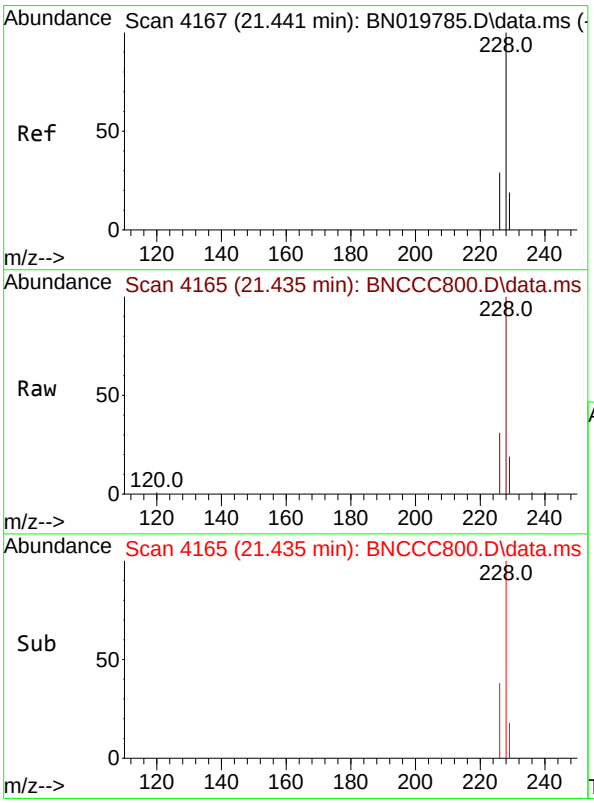
#21
Benzo(a)anthracene
Concen: 0.368 ng/ul
RT: 21.385 min Scan# 4
Delta R.T. -0.003 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:228 Resp: 20882

Ion	Ratio	Lower	Upper
228	100		
229	20.0	16.1	24.1
226	27.3	22.1	33.1

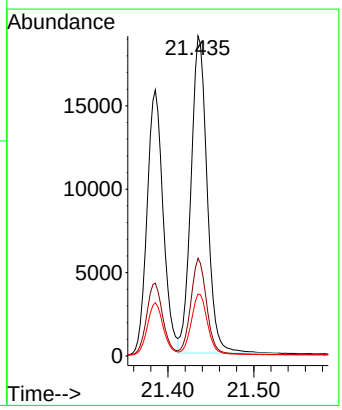


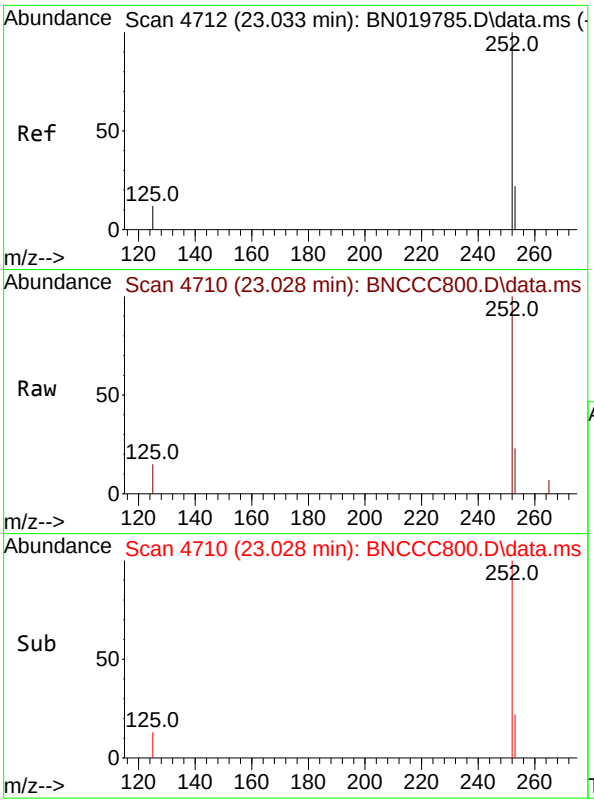


#22
Chrysene
Concen: 0.372 ng/ul
RT: 21.435 min Scan# 4165
Delta R.T. -0.006 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Tgt Ion:228 Resp: 24830

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.2
229	19.4	16.0	24.0



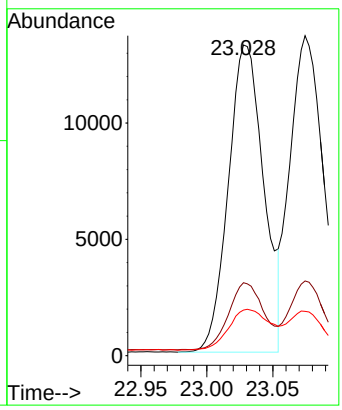


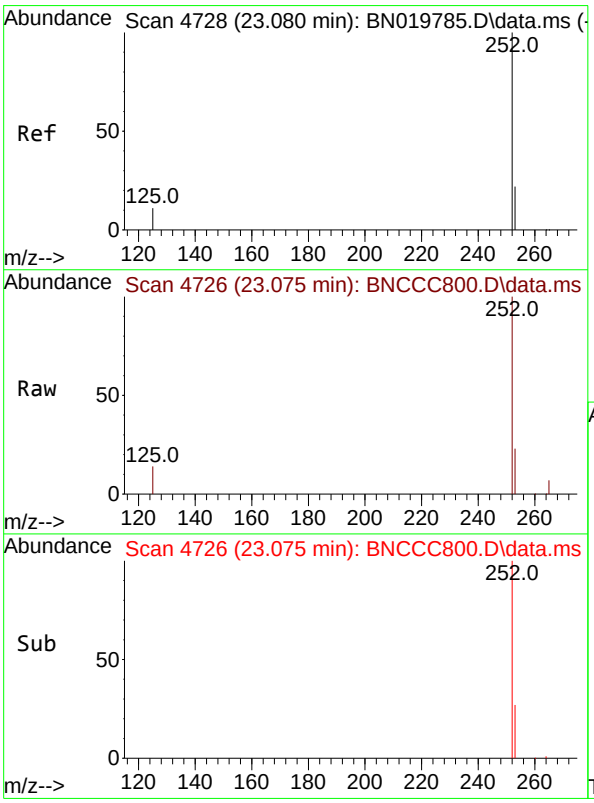
#24
Benzo(b)fluoranthene
Concen: 0.349 ng/ul
RT: 23.028 min Scan# 4
Delta R.T. -0.006 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 24721

Ion	Ratio	Lower	Upper
252	100		
253	23.5	0.0	52.0
125	14.7	0.0	40.2

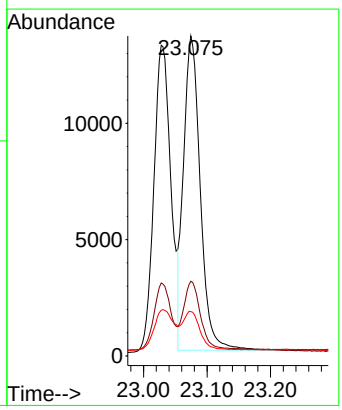


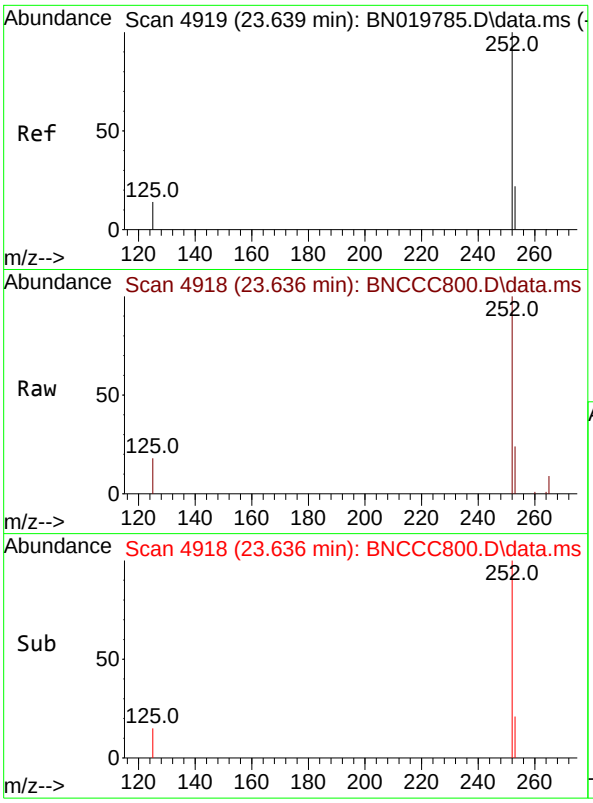


#25
Benzo(k)fluoranthene
Concen: 0.363 ng/ul
RT: 23.075 min Scan# 4726
Delta R.T. -0.006 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Tgt Ion:252 Resp: 24756

Ion	Ratio	Lower	Upper
252	100		
253	23.4	20.2	30.2
125	13.8	11.0	16.6



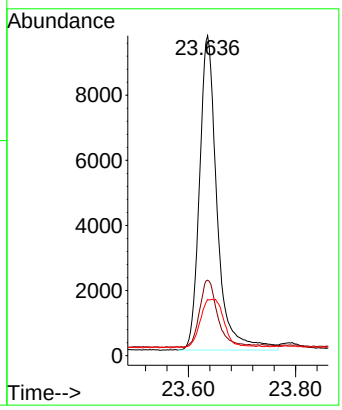


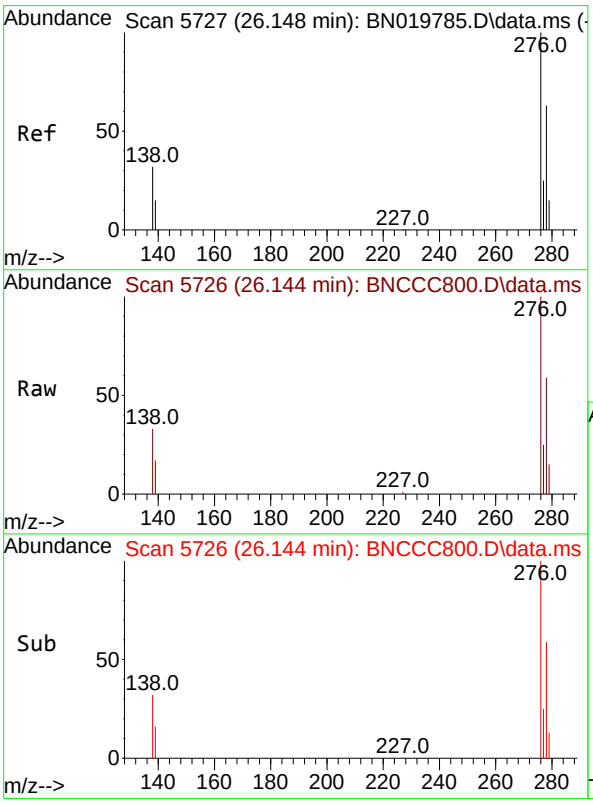
#26
Benzo(a)pyrene
Concen: 0.364 ng/ul
RT: 23.636 min Scan# 4
Delta R.T. -0.003 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:252 Resp: 22005

Ion	Ratio	Lower	Upper
252	100		
253	23.6	23.4	35.0
125	17.6	28.3	42.5#

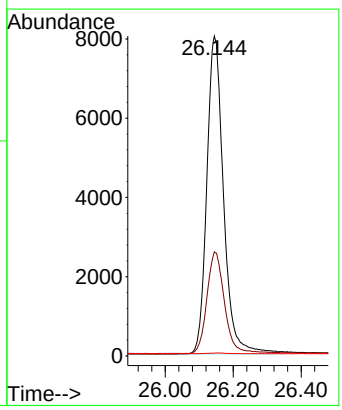


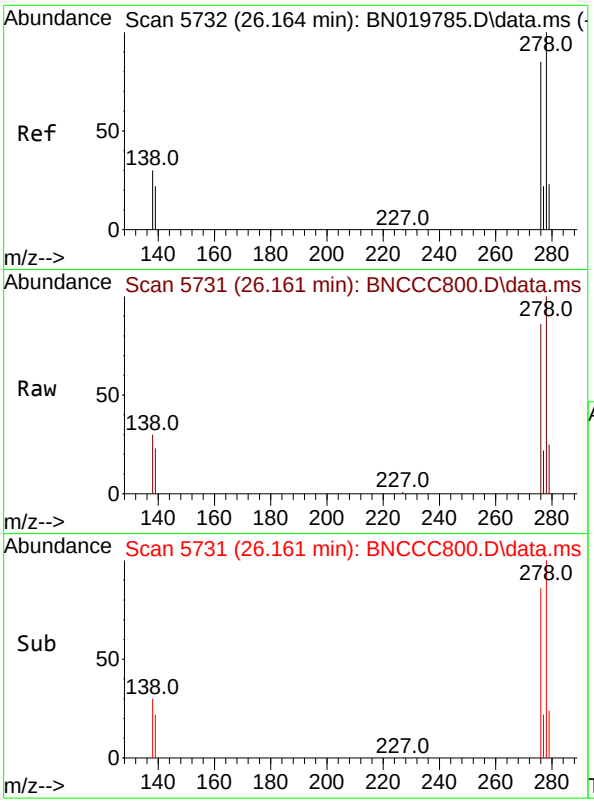


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.365 ng/ul
RT: 26.144 min Scan# 5726
Delta R.T. -0.003 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Tgt Ion:276 Resp: 27473

Ion	Ratio	Lower	Upper
276	100		
138	33.8	23.6	35.4
227	0.2	0.0	0.0#



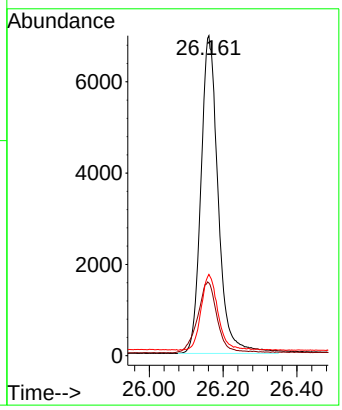


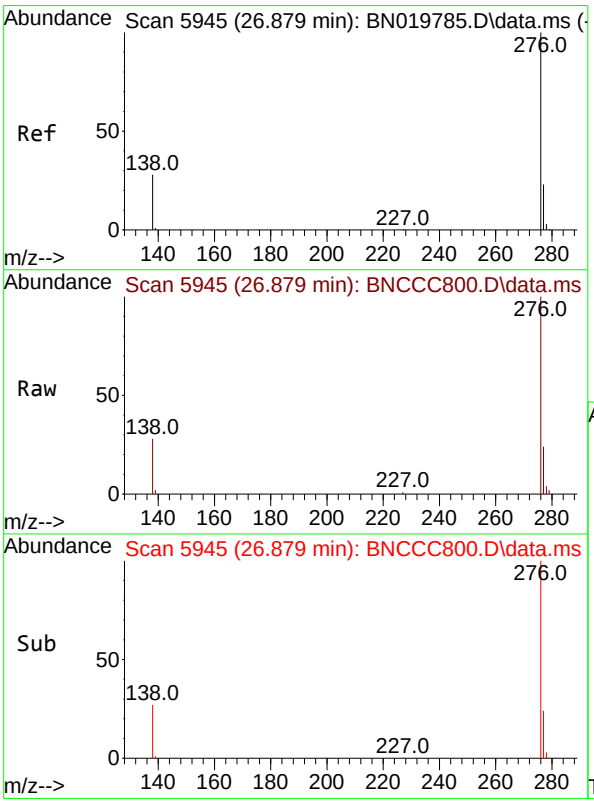
#28
Dibenzo(a,h)anthracene
Concen: 0.358 ng/ul
RT: 26.161 min Scan# 5
Delta R.T. -0.003 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Instrument :
BNA_N
ClientSampleId :

Tgt Ion:278 Resp: 22561

Ion	Ratio	Lower	Upper
278	100		
139	22.7	18.6	28.0
279	25.4	35.1	52.7#





#29
Benzo(g,h,i)perylene
Concen: 0.325 ng/ul
RT: 26.879 min Scan# 5945
Delta R.T. 0.000 min
Lab File: BNCCC800.D
Acq: 16 May 2022 20:37

Tgt Ion:276 Resp: 22362

Ion	Ratio	Lower	Upper
276	100		
138	28.2	20.9	31.3
277	24.3	20.4	30.6