Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021822\
Data File : BN018653.D
Acq On : 18 Feb 2022 13:02
Operator : CG/JU
Sample : SSTD3.248
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Quant Time: Feb 18 13:32:00 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021822.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 18 12:39:26 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.921	152	6083	0.400	ng/ul		0.00
4) Naphthalene-d8	10.725	136	14935	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.551	164	7114	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.287	188	12826	0.400	ng/ul		0.00
17) Chrysene-d12	21.467	240	11441	0.400	ng/ul	#	0.00
23) Perylene-d12	23.866	264	10414	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.289	96	20946	2.999	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.314	152	61058	2.999	ng/ul		0.00
18) Fluoranthene-d10	19.316	212	100436	3.071	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.327	88	21498	2.847	ng/ul#		70
5) Naphthalene	10.774	128	125480	3.019	ng/ul		98
7) 2-Methylnaphthalene	12.386	142	81096	3.062	ng/ul		100
8) 1-Methylnaphthalene	12.606	142	79110	2.907	ng/ul		99
10) Acenaphthylene	14.269	152	100657	3.562	ng/ul		99
11) Acenaphthene	14.611	153	76571	3.081	ng/ul		99
12) Fluorene	15.597	166	84180	3.135	ng/ul		99
14) Pentachlorophenol	16.941	266	9955	4.163	ng/ul		99
15) Phenanthrene	17.330	178	126023	3.002	ng/ul		100
16) Anthracene	17.422	178	118523	3.523	ng/ul		99
19) Fluoranthene	19.344	202	141529	3.117	ng/ul#		95
20) Pyrene	19.706	202	140546	3.006	ng/ul		96
21) Benzo(a)anthracene	21.449	228	128965	3.539	ng/ul		100
22) Chrysene	21.502	228	129256	2.902	ng/ul		99
24) Benzo(b)fluoranthene	23.136	252	136425	2.981	ng/ul		97
25) Benzo(k)fluoranthene	23.179	252	133390	2.785	ng/ul		96
26) Benzo(a)pyrene	23.758	252	120716	3.268	ng/ul		96
27) Indeno(1,2,3-cd)pyrene	26.355	276	156326	3.206	ng/ul#		85
28) Dibenzo(a,h)anthracene	26.372	278	122490	3.214	ng/ul#		95
29) Benzo(g,h,i)perylene	27.117	276	131589	3.030	ng/ul#		94

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

Quantitation Report (Not Reviewed)

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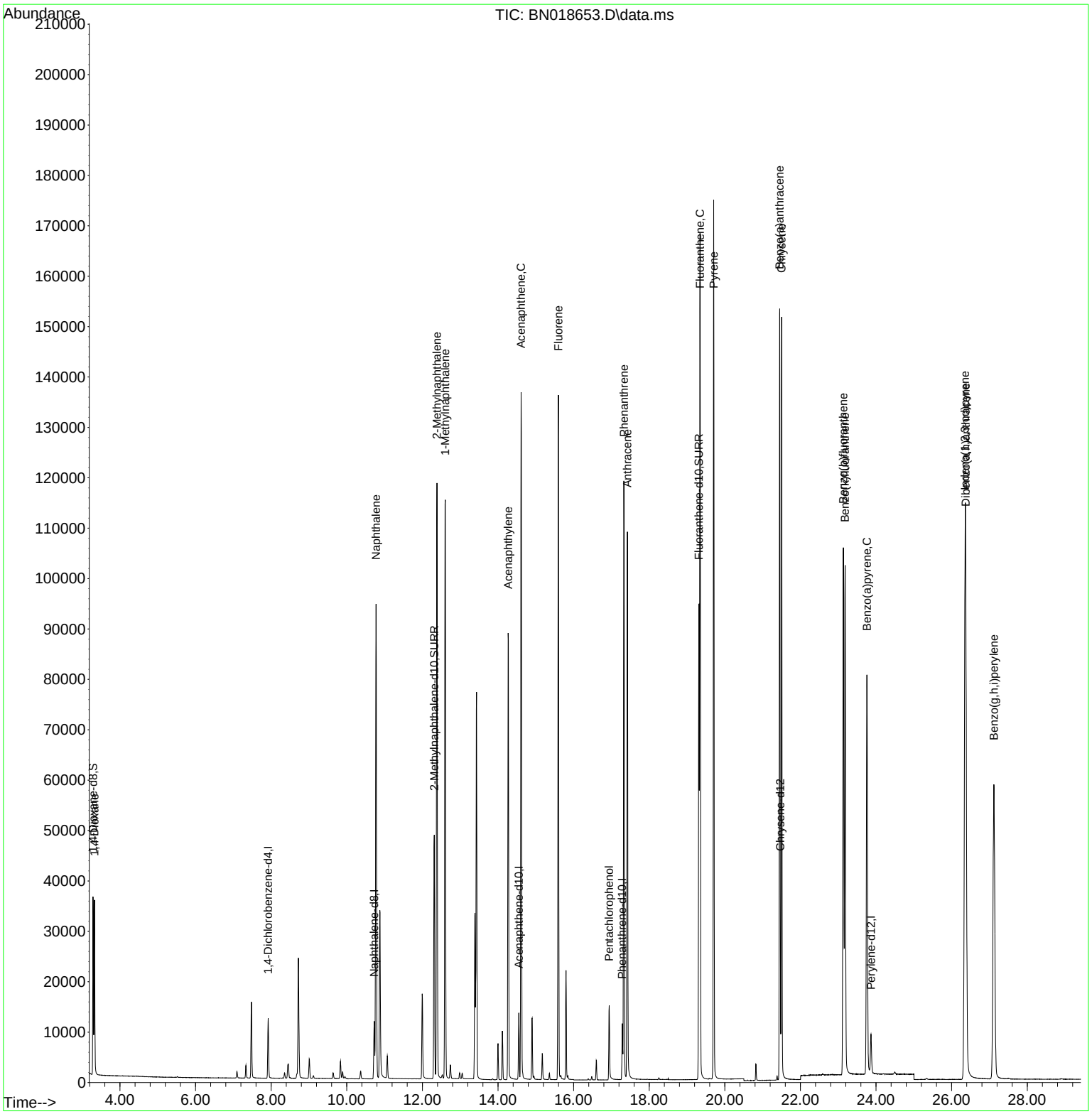
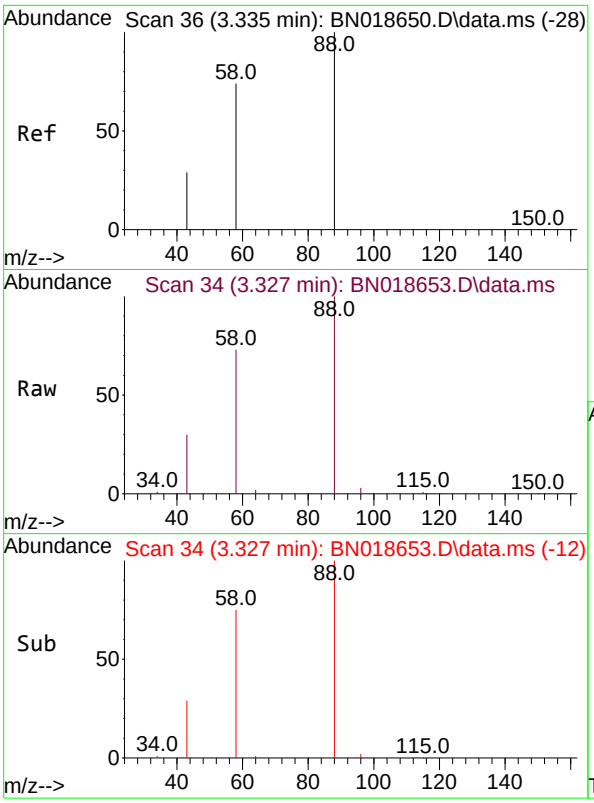


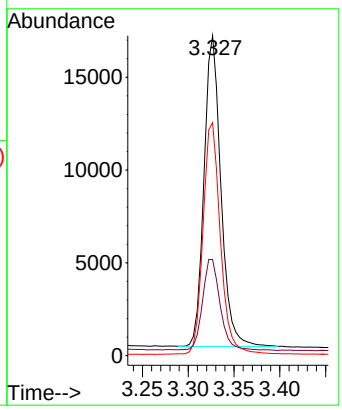


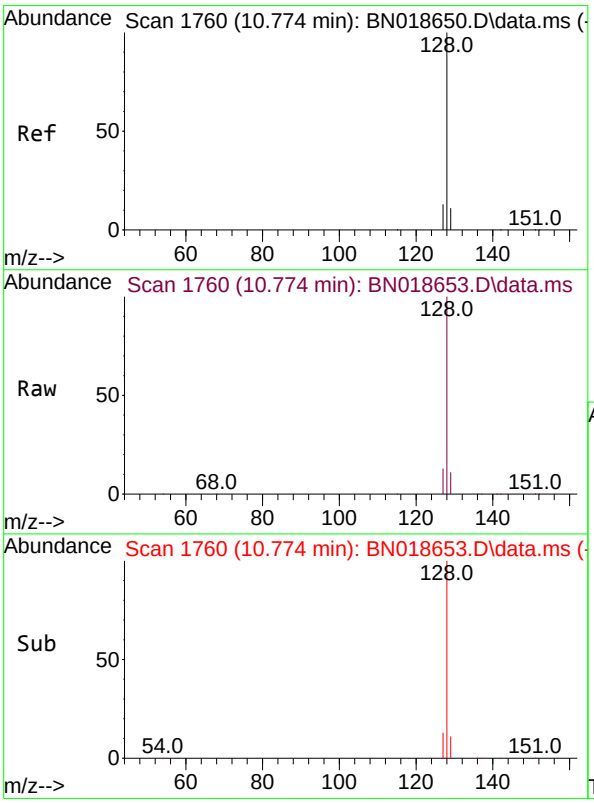
#2
1,4-Dioxane
Concen: 2.847 ng/ul
RT: 3.327 min Scan# 34
Delta R.T. -0.008 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Tgt Ion: 88 Resp: 21498

Ion	Ratio	Lower	Upper
88	100		
43	30.1	47.8	71.8#
58	72.8	46.2	69.2#

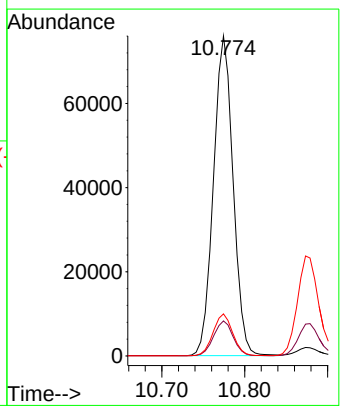


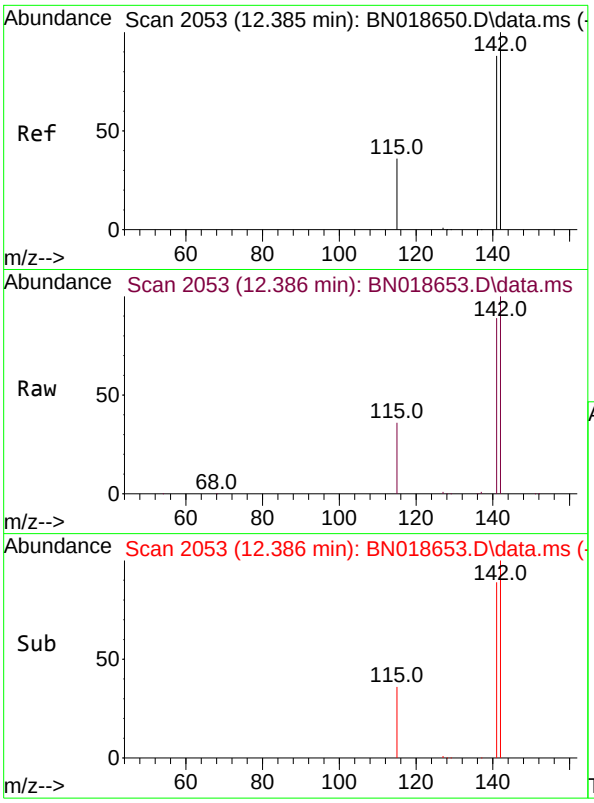


#5
Naphthalene
Concen: 3.019 ng/ul
RT: 10.774 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Tgt Ion:128 Resp: 125480

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	13.2	11.0	16.6



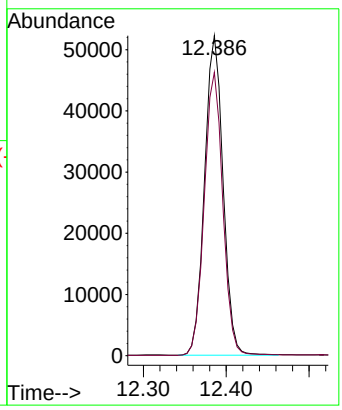


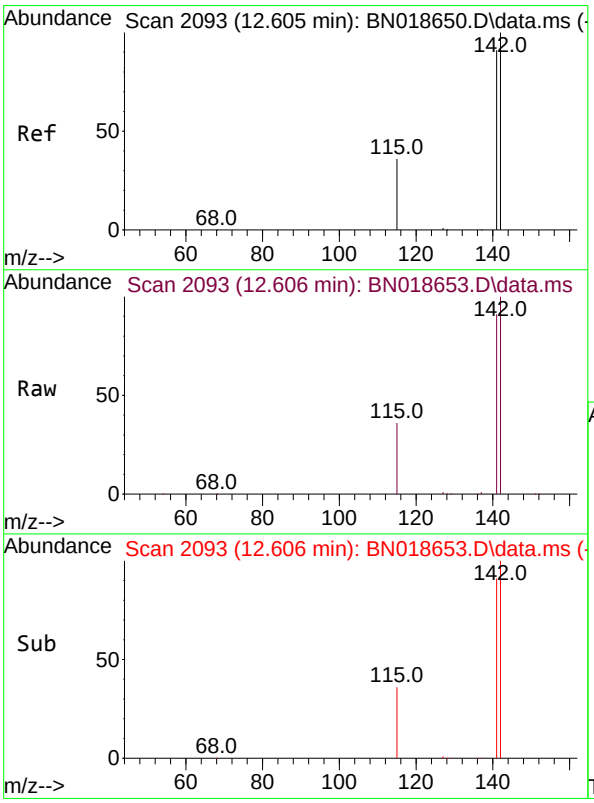
#7
2-Methylnaphthalene
Concen: 3.062 ng/ul
RT: 12.386 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Tgt Ion:142 Resp: 81096

Ion	Ratio	Lower	Upper
142	100		
141	88.6	70.9	106.3

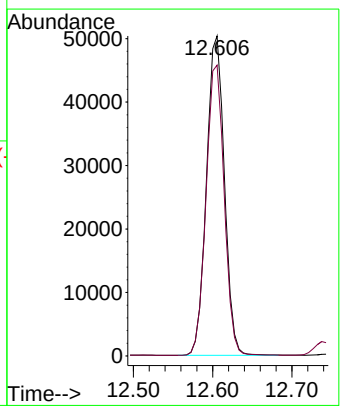


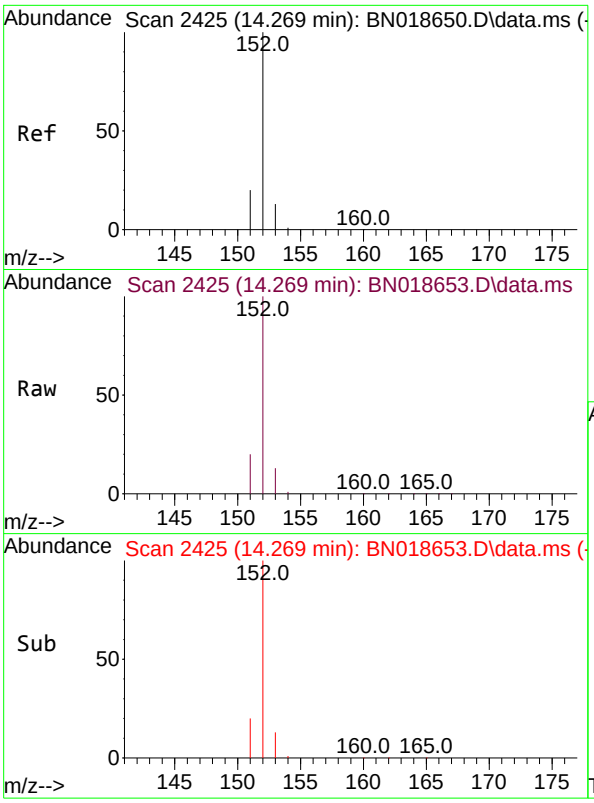


#8
1-Methylnaphthalene
Concen: 2.907 ng/ul
RT: 12.606 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Tgt Ion:142 Resp: 79110

Ion	Ratio	Lower	Upper
142	100		
141	92.0	73.2	109.8



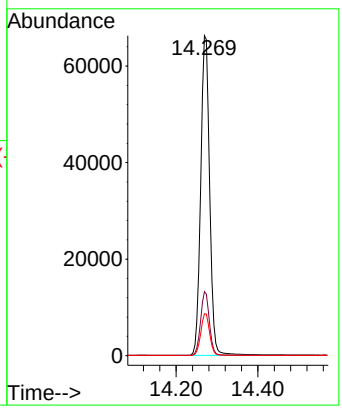


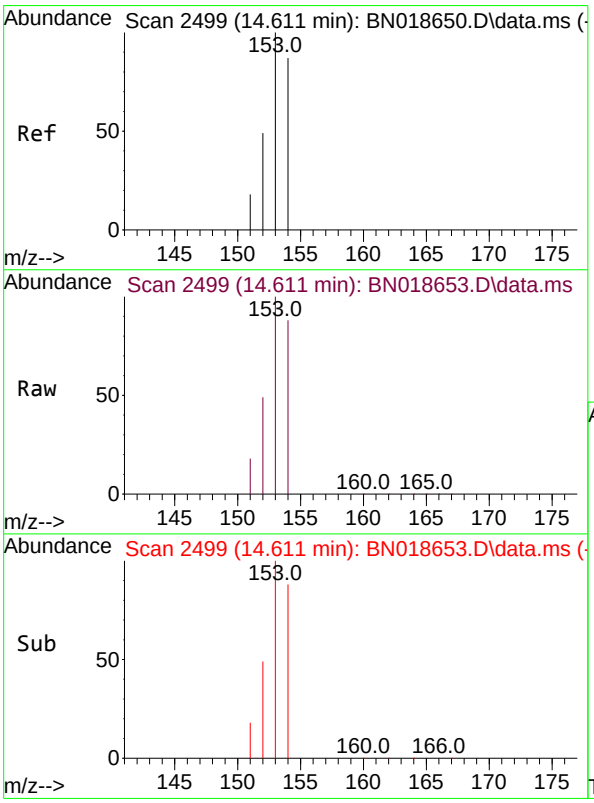
#10
Acenaphthylene
Concen: 3.562 ng/ul
RT: 14.269 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Tgt Ion:152 Resp: 100657

Ion	Ratio	Lower	Upper
152	100		
151	20.0	15.8	23.8
153	13.1	10.7	16.1

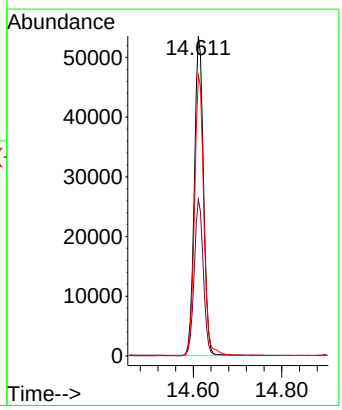


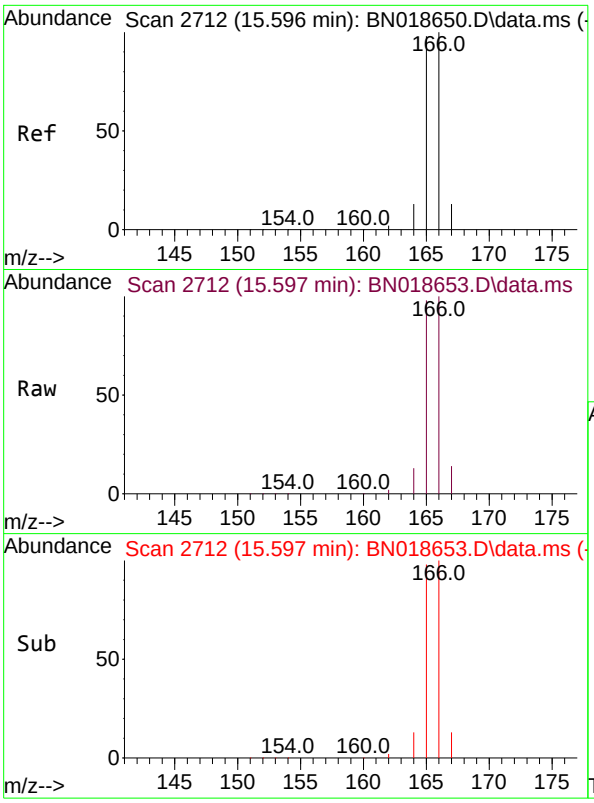


#11
Acenaphthene
Concen: 3.081 ng/ul
RT: 14.611 min Scan# 2499
Delta R.T. 0.000 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Tgt Ion:153 Resp: 76571

Ion	Ratio	Lower	Upper
153	100		
152	48.9	39.7	59.5
154	87.6	70.9	106.3



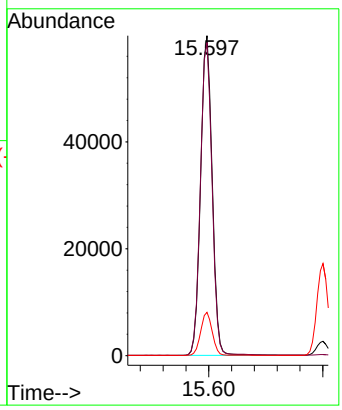


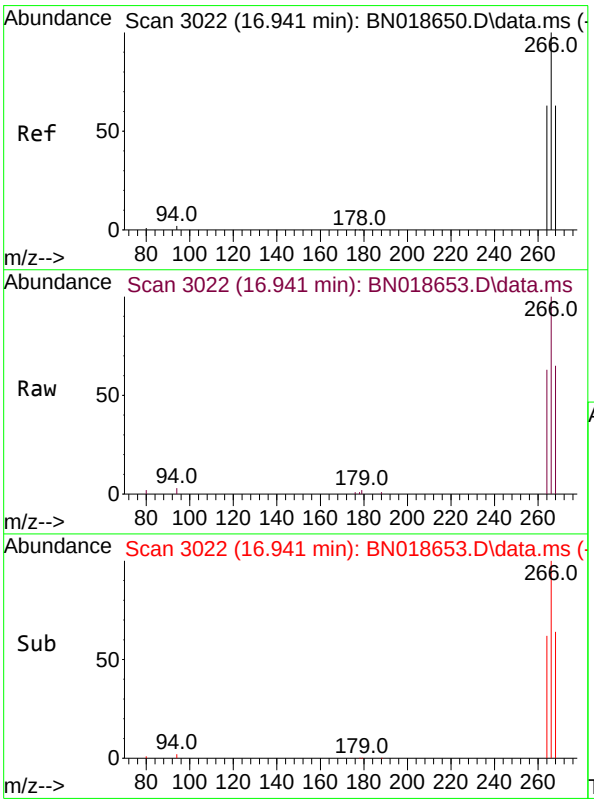
#12
Fluorene
Concen: 3.135 ng/ul
RT: 15.597 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Tgt Ion:166 Resp: 84180

Ion	Ratio	Lower	Upper
166	100		
165	97.8	77.8	116.6
167	13.6	11.6	17.4

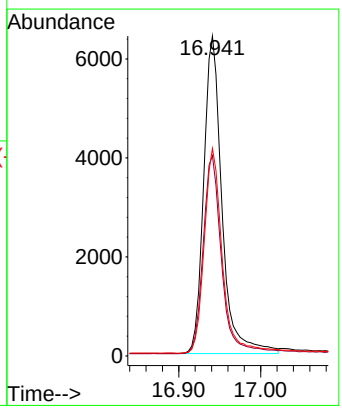


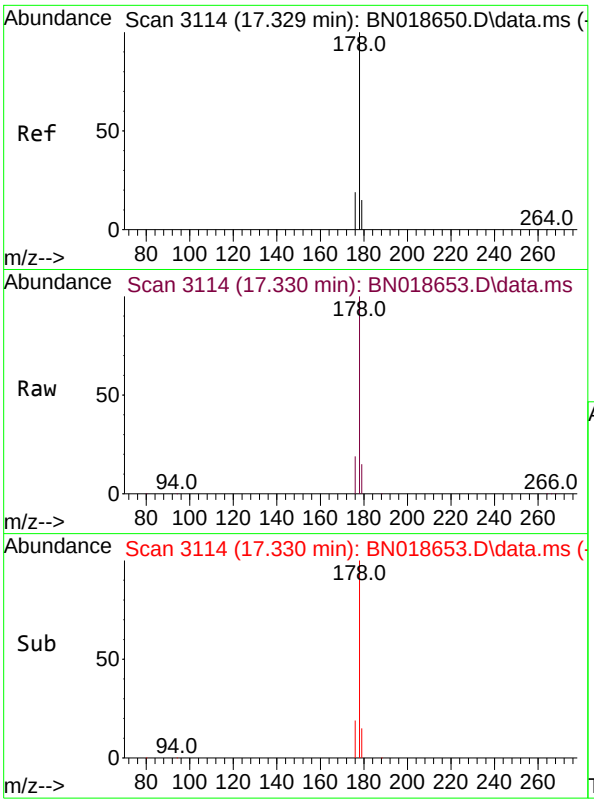


#14
Pentachlorophenol
Concen: 4.163 ng/ul
RT: 16.941 min Scan# 3022
Delta R.T. 0.000 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Tgt Ion:266 Resp: 9955

Ion	Ratio	Lower	Upper
266	100		
264	62.9	49.9	74.9
268	63.6	51.7	77.5



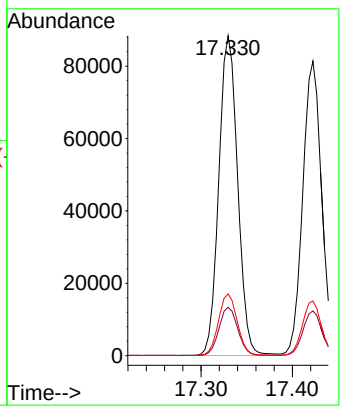


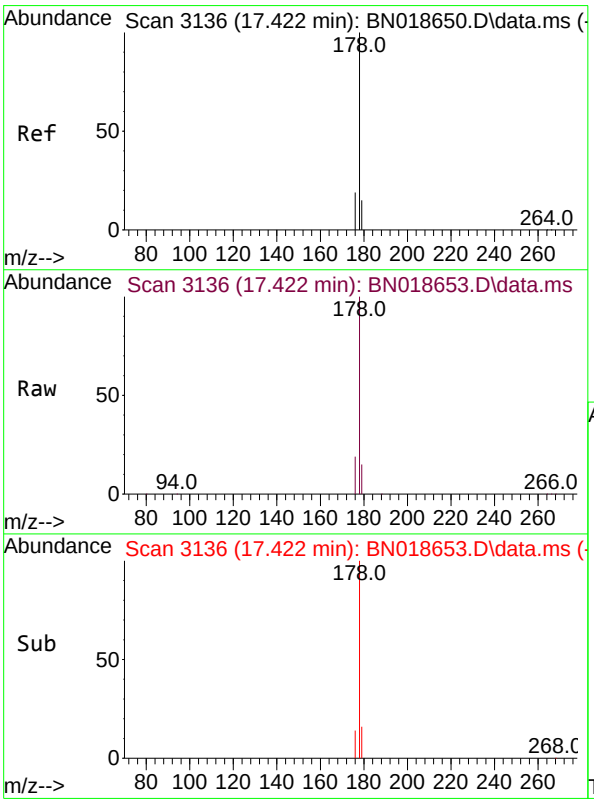
#15
Phenanthrene
Concen: 3.002 ng/ul
RT: 17.330 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Tgt Ion:178 Resp: 126023

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.3	15.4	23.2

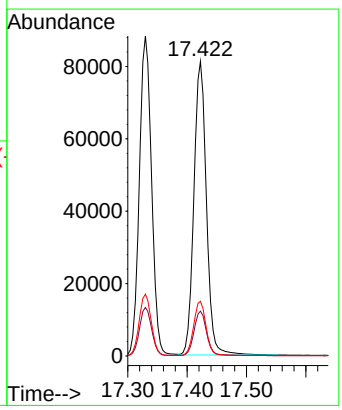


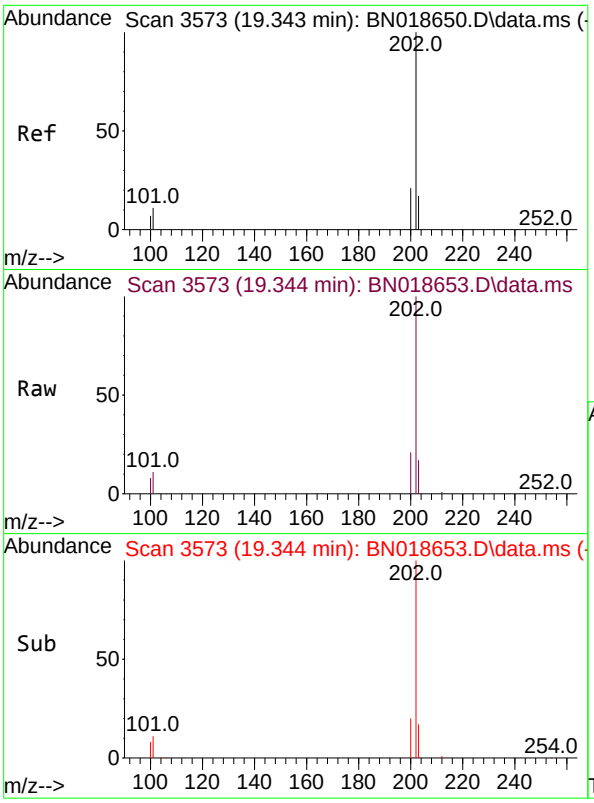


#16
Anthracene
Concen: 3.523 ng/ul
RT: 17.422 min Scan# 3136
Delta R.T. 0.000 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Tgt Ion:178 Resp: 118523

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.6	15.5	23.3



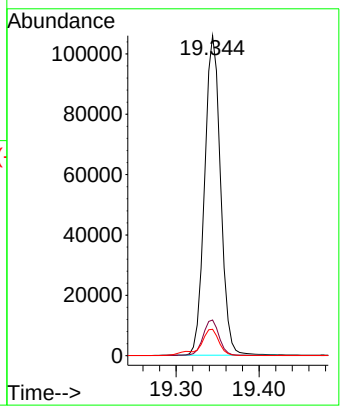


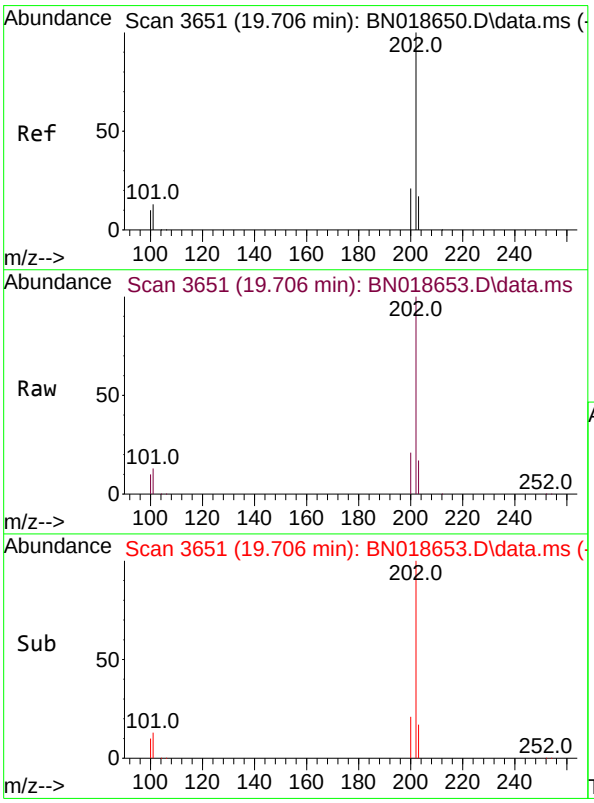
#19
Fluoranthene
Concen: 3.117 ng/ul
RT: 19.344 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Tgt Ion:202 Resp: 141529

Ion	Ratio	Lower	Upper
202	100		
101	11.2	7.5	11.3
100	8.3	5.4	8.2#

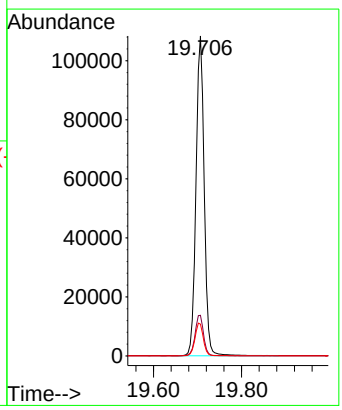


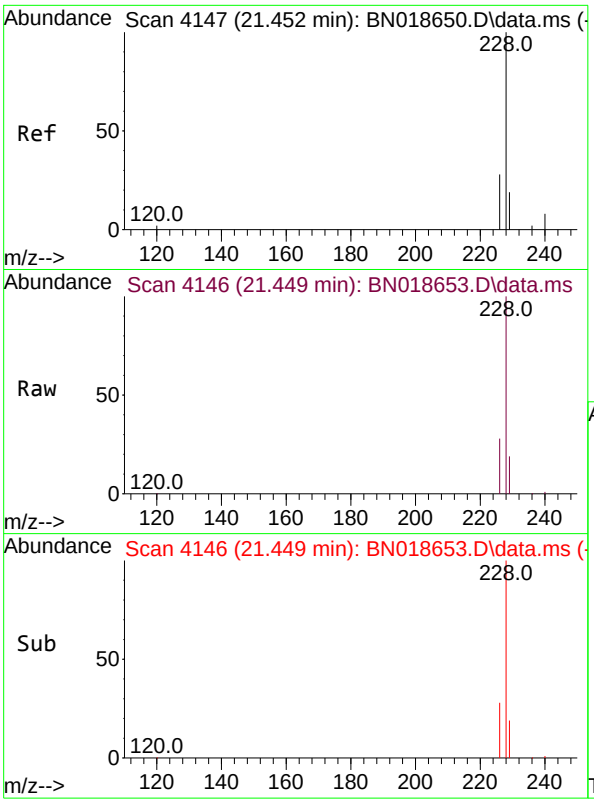


#20
Pyrene
Concen: 3.006 ng/ul
RT: 19.706 min Scan# 3651
Delta R.T. 0.000 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Tgt Ion:202 Resp: 140546

Ion	Ratio	Lower	Upper
202	100		
101	12.7	9.0	13.4
100	9.9	7.0	10.4



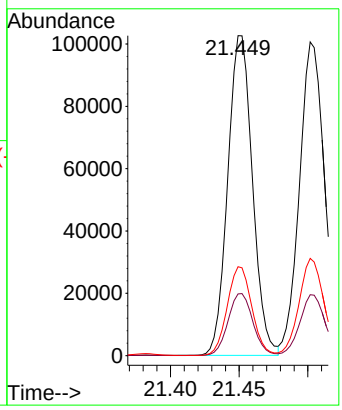


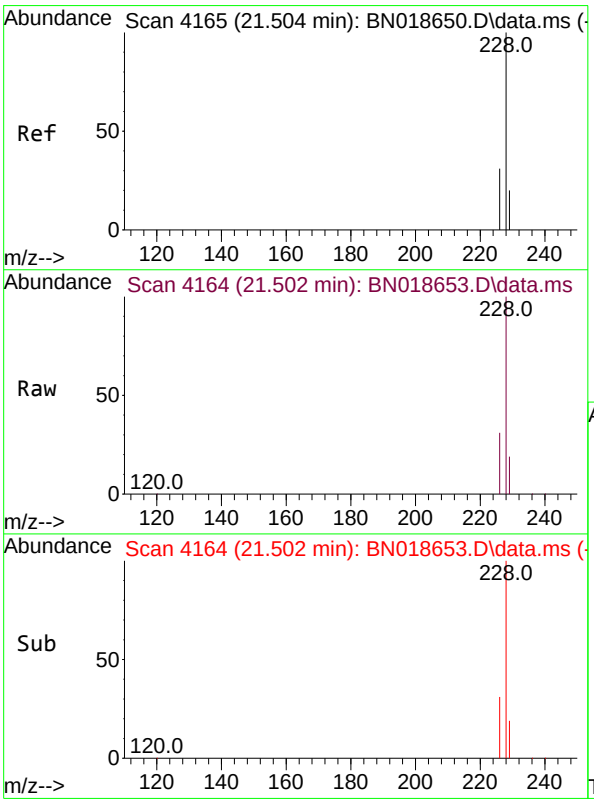
#21
Benzo(a)anthracene
Concen: 3.539 ng/ul
RT: 21.449 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Tgt Ion:228 Resp: 128965

Ion	Ratio	Lower	Upper
228	100		
229	19.3	15.6	23.4
226	27.8	22.1	33.1

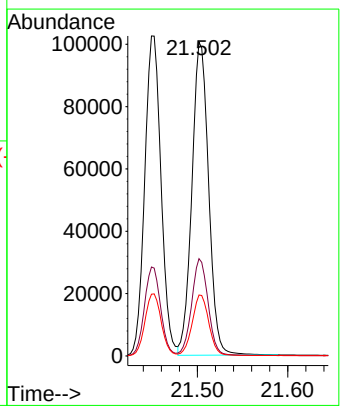


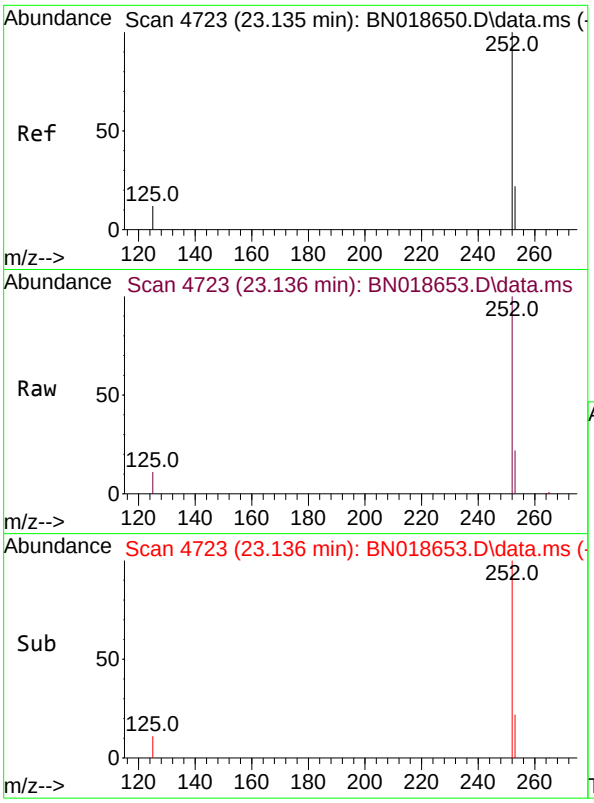


#22
Chrysene
Concen: 2.902 ng/ul
RT: 21.502 min Scan# 4164
Delta R.T. -0.002 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Tgt Ion:228 Resp: 129256

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.2	36.4
229	19.4	15.7	23.5



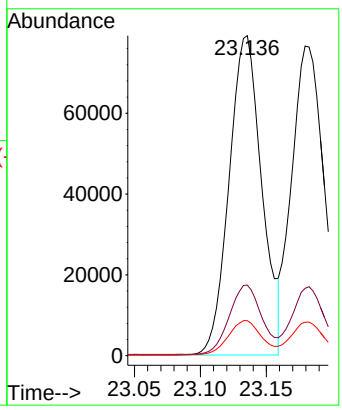


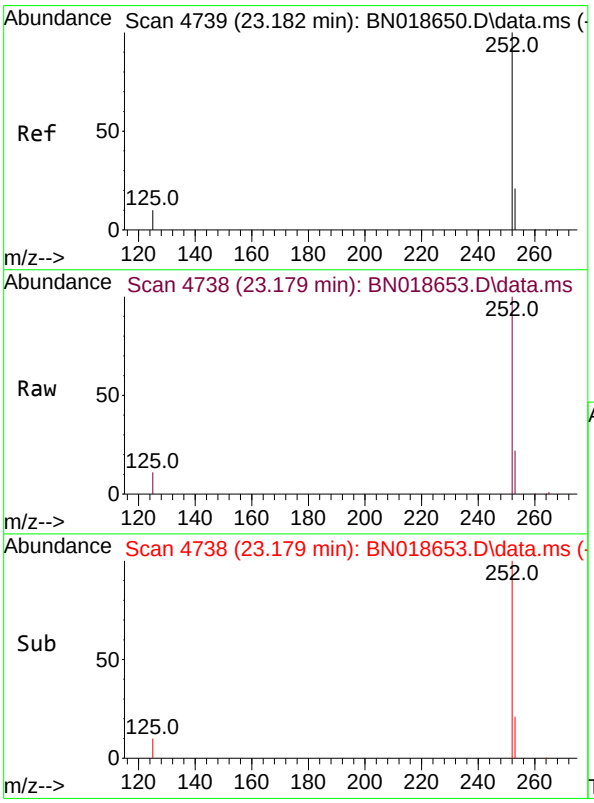
#24
Benzo(b)fluoranthene
Concen: 2.981 ng/ul
RT: 23.136 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Tgt Ion:252 Resp: 136425

Ion	Ratio	Lower	Upper
252	100		
253	22.1	0.0	46.4
125	10.9	0.0	17.8

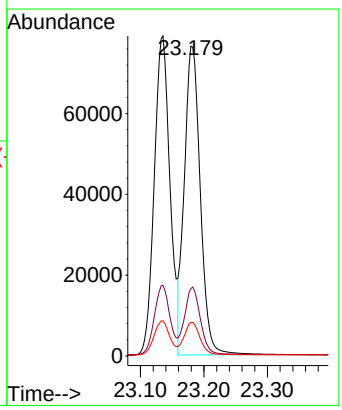


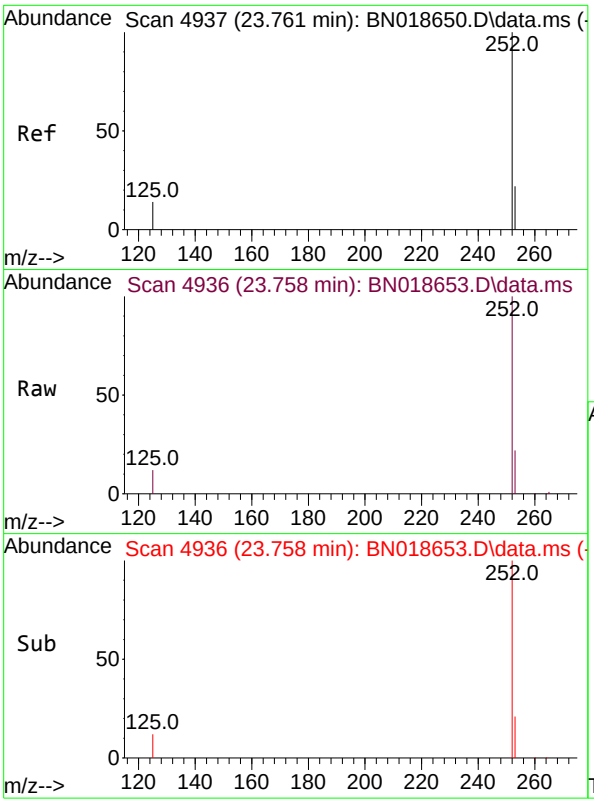


#25
Benzo(k)fluoranthene
Concen: 2.785 ng/ul
RT: 23.179 min Scan# 4738
Delta R.T. -0.002 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Tgt Ion:252 Resp: 133390

Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.6	28.0
125	10.8	7.3	10.9



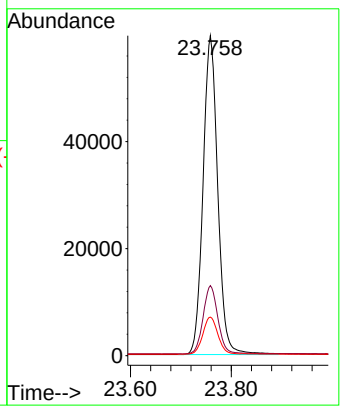


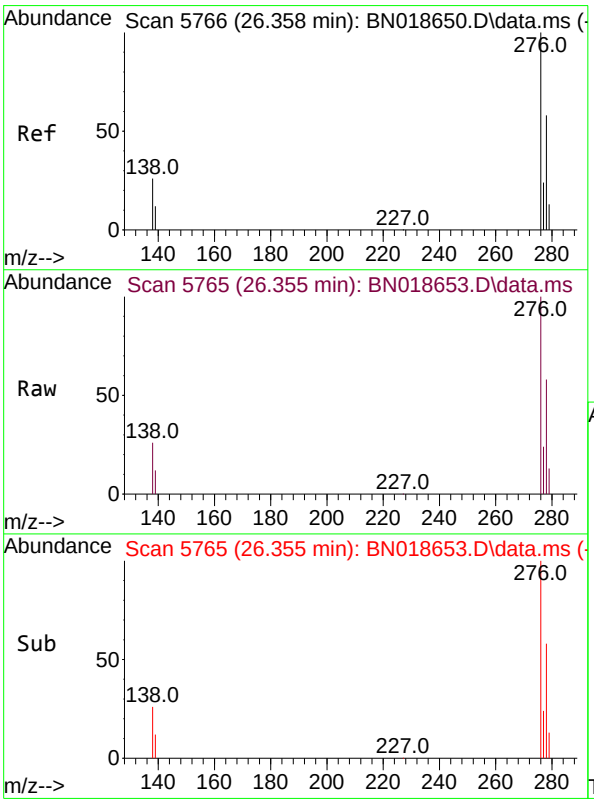
#26
Benzo(a)pyrene
Concen: 3.268 ng/ul
RT: 23.758 min Scan# 4
Delta R.T. -0.002 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Tgt Ion:252 Resp: 120716

Ion	Ratio	Lower	Upper
252	100		
253	21.9	18.9	28.3
125	12.0	8.2	12.2

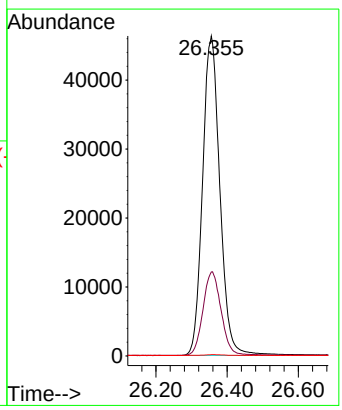


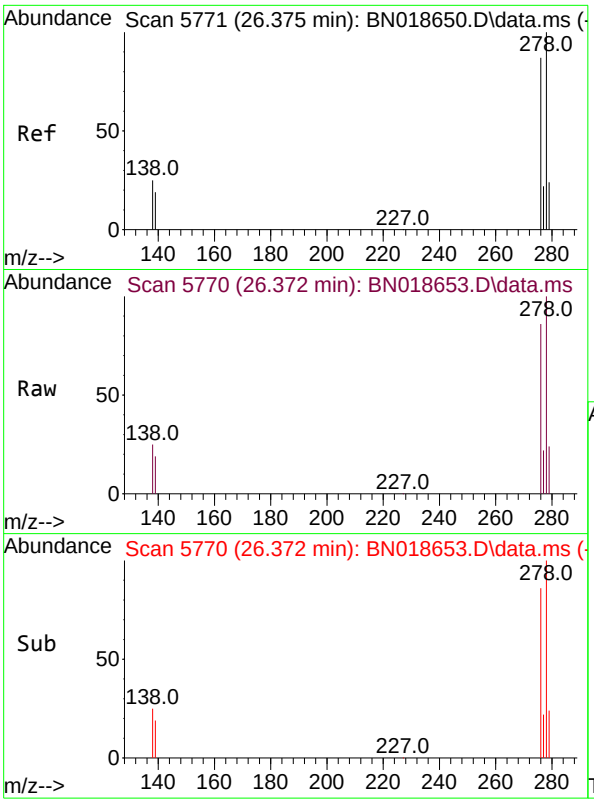


#27
Indeno(1,2,3-cd)pyrene
Concen: 3.206 ng/ul
RT: 26.355 min Scan# 5765
Delta R.T. -0.002 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Tgt Ion:276 Resp: 156326

Ion	Ratio	Lower	Upper
276	100		
138	27.4	16.5	24.7#
227	0.2	0.1	0.1#



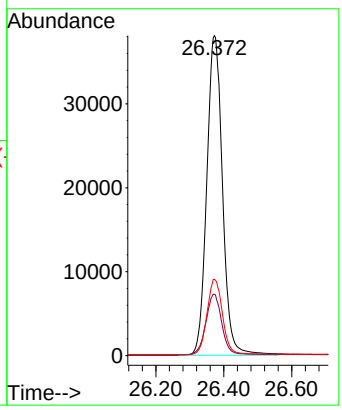


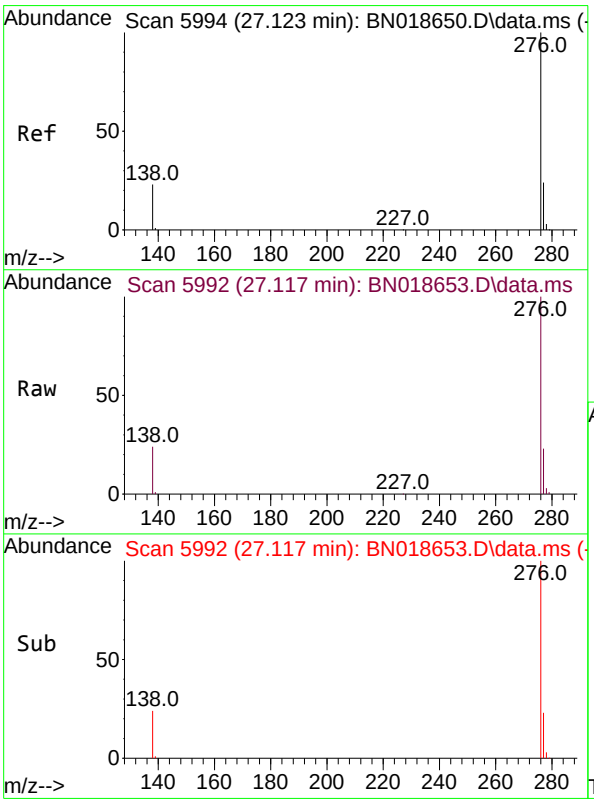
#28
Dibenzo(a,h)anthracene
Concen: 3.214 ng/ul
RT: 26.372 min Scan# 5
Delta R.T. -0.002 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Instrument :
BNA_N
ClientSampleId :
SSTD3.2207

Tgt Ion:278 Resp: 122490

Ion	Ratio	Lower	Upper
278	100		
139	19.1	11.9	17.9#
279	23.8	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 3.030 ng/ul
RT: 27.117 min Scan# 5992
Delta R.T. -0.006 min
Lab File: BN018653.D
Acq: 18 Feb 2022 13:02

Tgt Ion:276 Resp: 131589

Ion	Ratio	Lower	Upper
276	100		
138	23.8	14.4	21.6#
277	23.4	19.2	28.8