Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021822\
Data File : BN018651.D
Acq On : 18 Feb 2022 11:49
Operator : CG/JU
Sample : SSTD0.846
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Quant Time: Feb 18 13:00:56 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	5890	0.400	ng/ul		0.00
4) Naphthalene-d8	10.726	136	14518	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.552	164	6943	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.289	188	12630	0.400	ng/ul		0.00
17) Chrysene-d12	21.468	240	11107	0.400	ng/ul	#	0.00
23) Perylene-d12	23.865	264	10653	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.289	96	5483	0.811	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.315	152	15508	0.784	ng/ul		0.00
18) Fluoranthene-d10	19.313	212	25404	0.800	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.327	88	5657	0.774	ng/ul	#	74
5) Naphthalene	10.776	128	32425	0.802	ng/ul		98
7) 2-Methylnaphthalene	12.387	142	20704	0.804	ng/ul		100
8) 1-Methylnaphthalene	12.601	142	20523	0.776	ng/ul		100
10) Acenaphthylene	14.270	152	24571	0.891	ng/ul		100
11) Acenaphthene	14.613	153	19665	0.811	ng/ul		99
12) Fluorene	15.593	166	21202	0.809	ng/ul		98
14) Pentachlorophenol	16.938	266	1898	0.806	ng/ul		99
15) Phenanthrene	17.331	178	32239	0.780	ng/ul		100
16) Anthracene	17.424	178	28886	0.872	ng/ul		99
19) Fluoranthene	19.346	202	35281	0.800	ng/ul		96
20) Pyrene	19.708	202	36016	0.794	ng/ul		98
21) Benzo(a)anthracene	21.451	228	32812	0.928	ng/ul		99
22) Chrysene	21.503	228	34369	0.795	ng/ul		100
24) Benzo(b)fluoranthene	23.134	252	35594	0.760	ng/ul		97
25) Benzo(k)fluoranthene	23.181	252	36430	0.743	ng/ul	#	97
26) Benzo(a)pyrene	23.760	252	32235	0.853	ng/ul	#	96
27) Indeno(1,2,3-cd)pyrene	26.354	276	41166	0.825	ng/ul	#	86
28) Dibenzo(a,h)anthracene	26.374	278	32305	0.829	ng/ul	#	94
29) Benzo(g,h,i)perylene	27.118	276	34995	0.788	ng/ul	#	94

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

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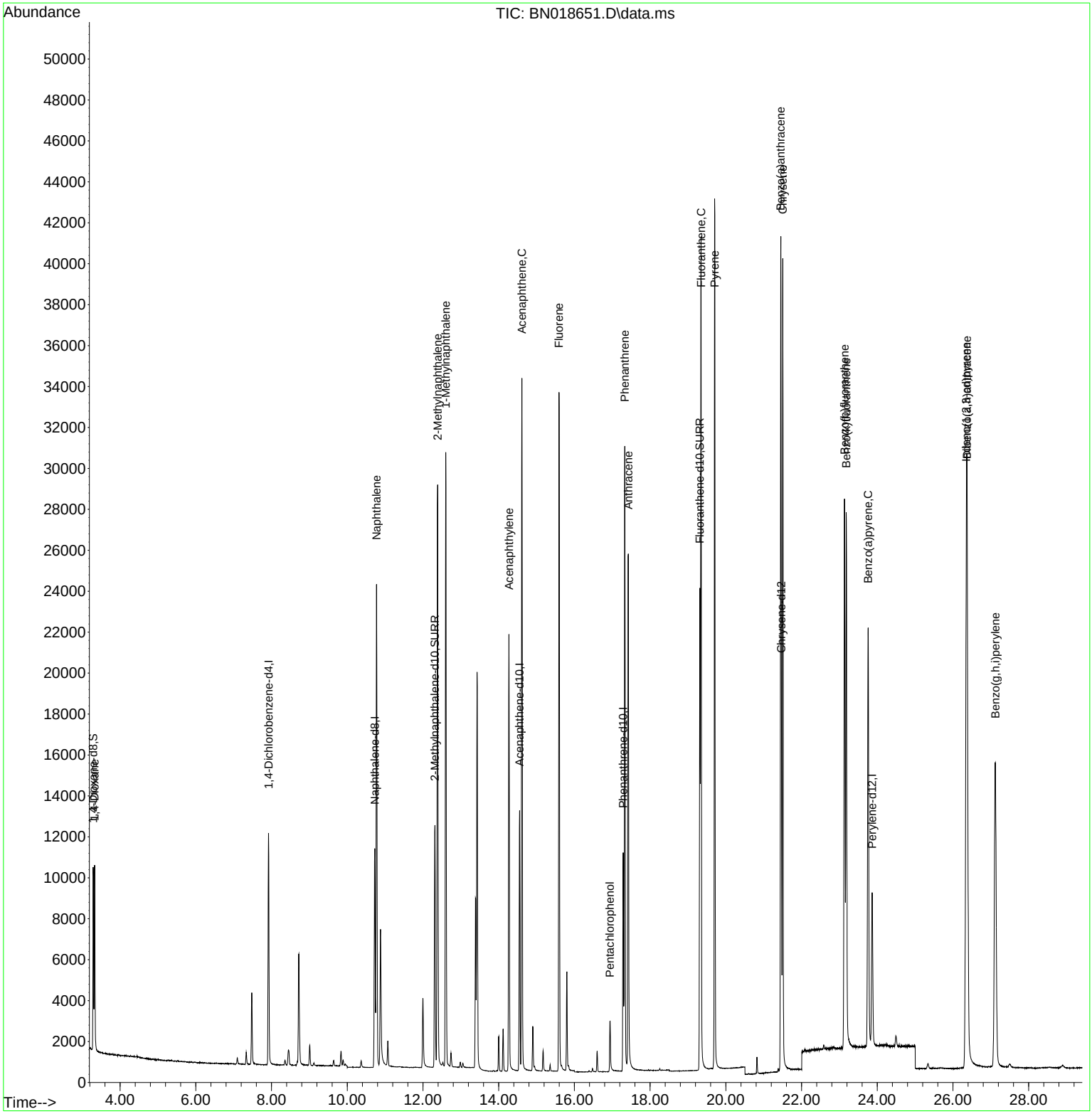
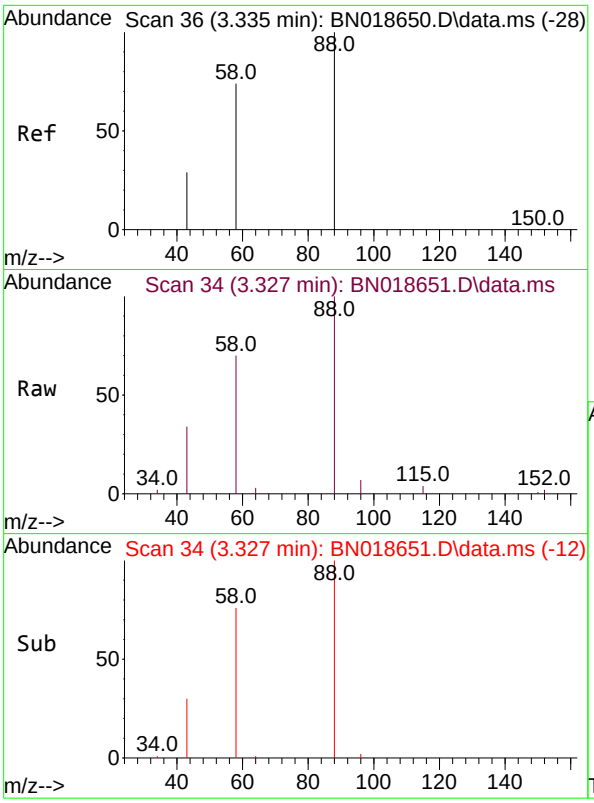


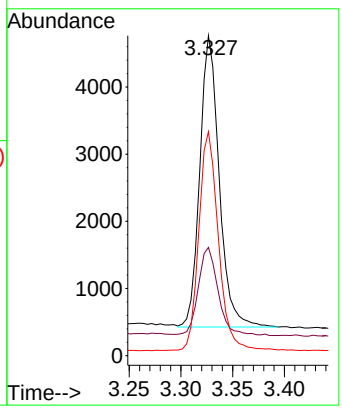


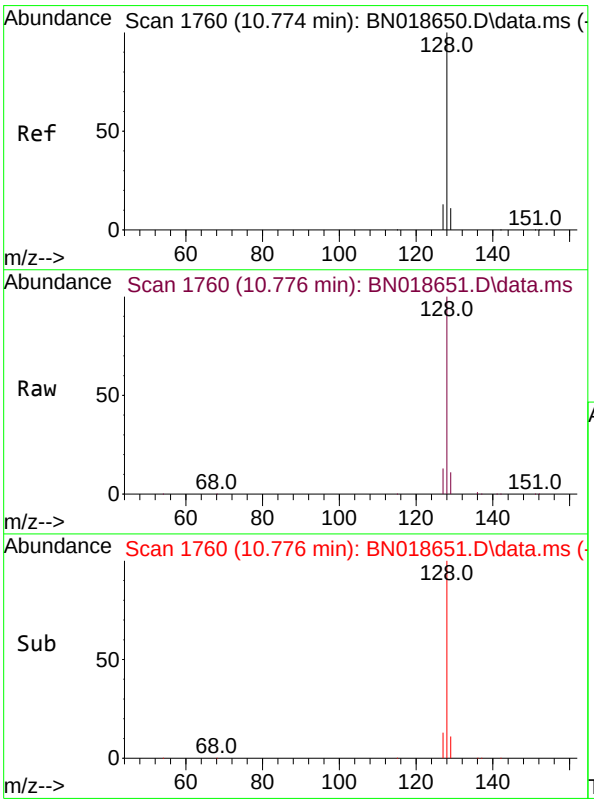
#2
1,4-Dioxane
Concen: 0.774 ng/ul
RT: 3.327 min Scan# 3
Delta R.T. -0.008 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Tgt Ion: 88 Resp: 5657

Ion	Ratio	Lower	Upper
88	100		
43	33.8	47.8	71.8#
58	70.0	46.2	69.2#

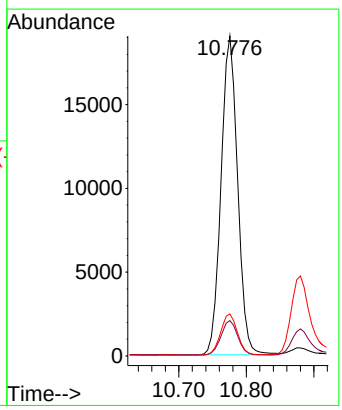


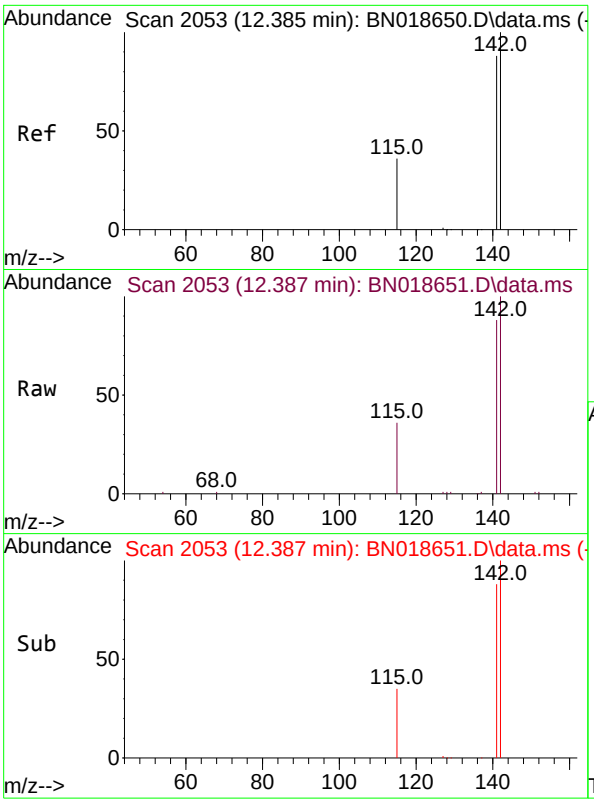


#5
Naphthalene
Concen: 0.802 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.002 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Tgt Ion:128 Resp: 32425

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	13.1	11.0	16.6



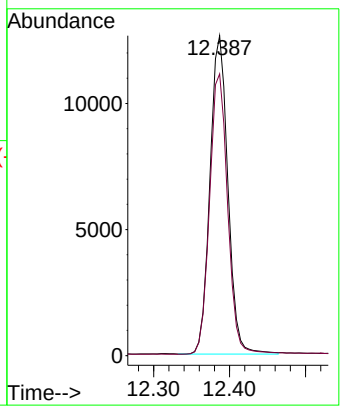


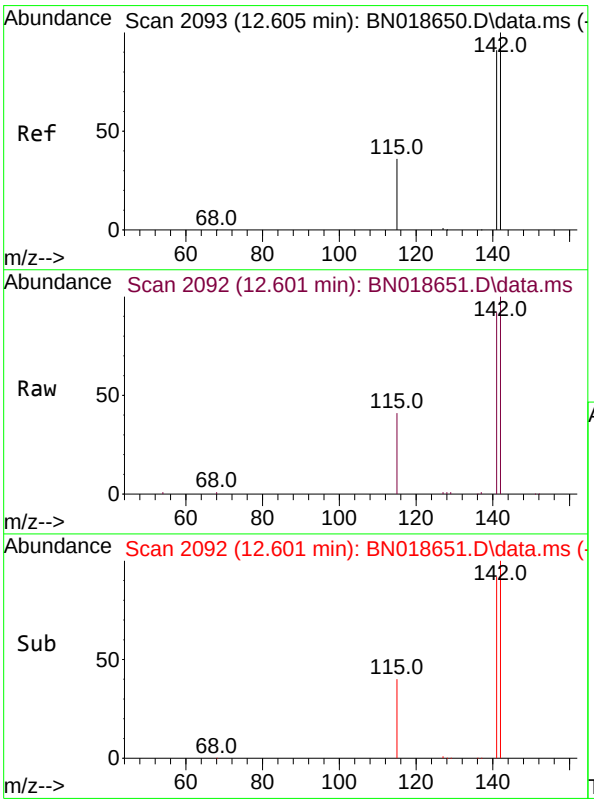
#7
2-Methylnaphthalene
Concen: 0.804 ng/ul
RT: 12.387 min Scan# 2
Delta R.T. 0.002 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Tgt Ion:142 Resp: 20704

Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.9	106.3

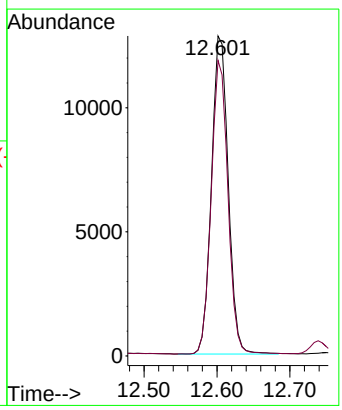


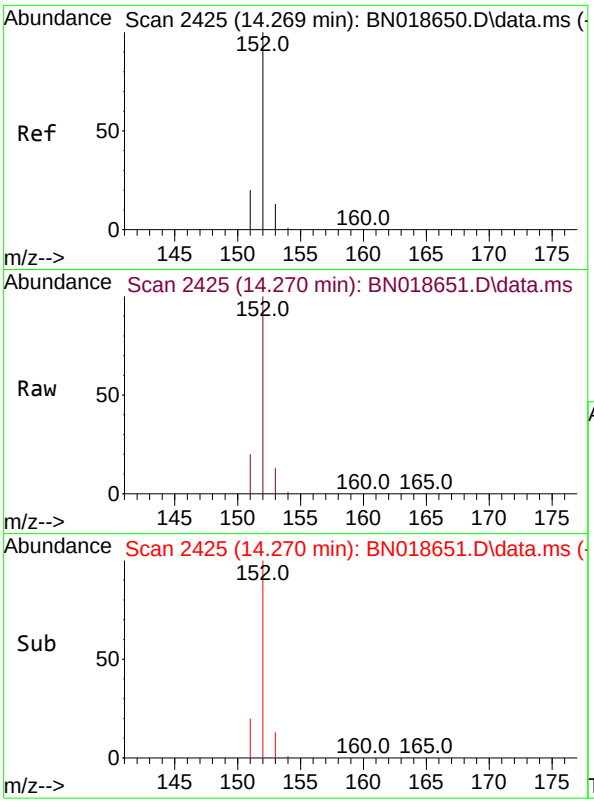


#8
1-Methylnaphthalene
Concen: 0.776 ng/ul
RT: 12.601 min Scan# 2092
Delta R.T. -0.004 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Tgt Ion:142 Resp: 20523

Ion	Ratio	Lower	Upper
142	100		
141	91.8	73.2	109.8



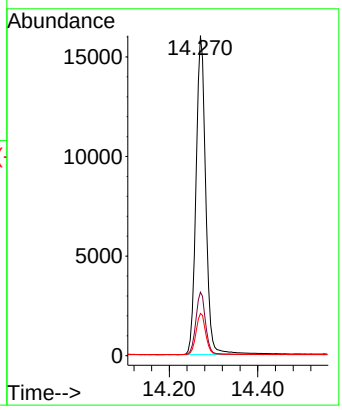


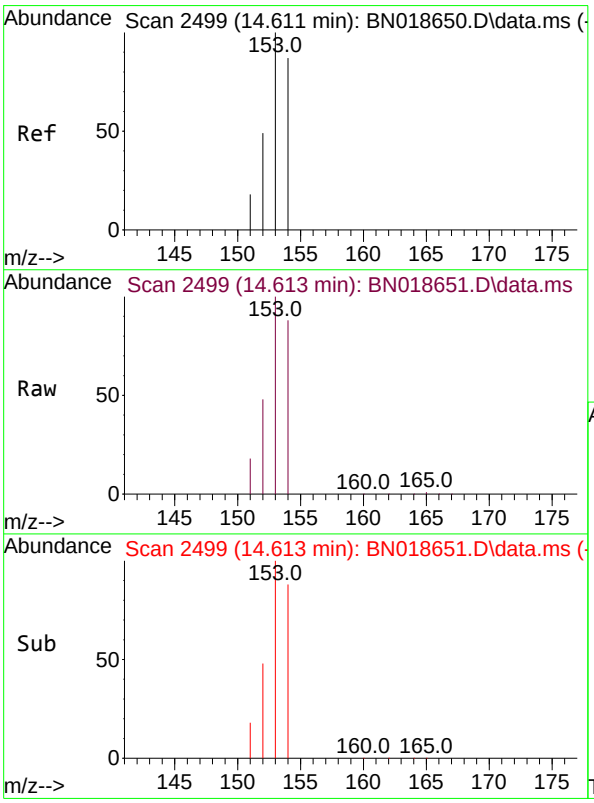
#10
Acenaphthylene
Concen: 0.891 ng/ul
RT: 14.270 min Scan# 24
Delta R.T. 0.002 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Tgt Ion:152 Resp: 24571

Ion	Ratio	Lower	Upper
152	100		
151	19.9	15.8	23.8
153	13.2	10.7	16.1

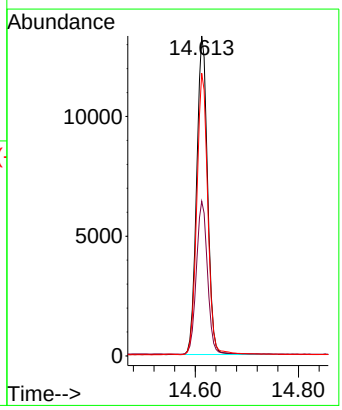


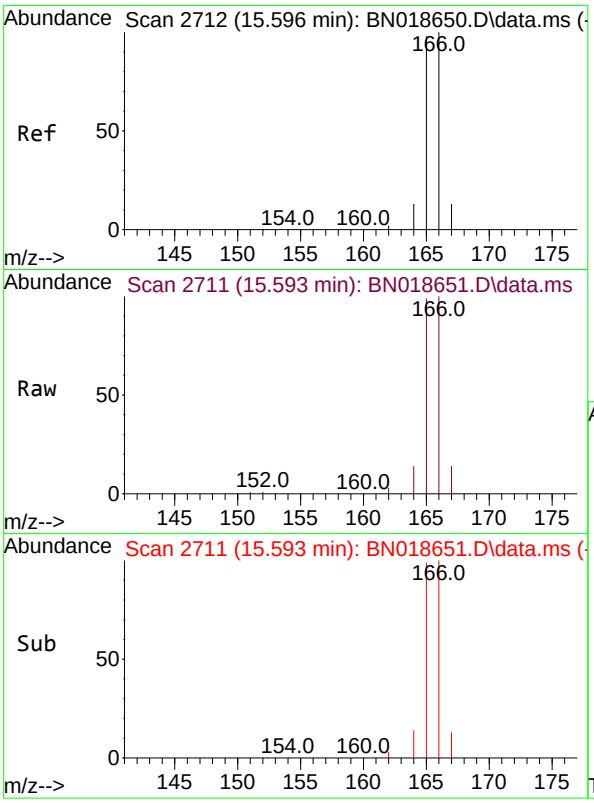


#11
Acenaphthene
Concen: 0.811 ng/ul
RT: 14.613 min Scan# 2499
Delta R.T. 0.002 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Tgt Ion:153 Resp: 19665

Ion	Ratio	Lower	Upper
153	100		
152	48.4	39.7	59.5
154	88.4	70.9	106.3



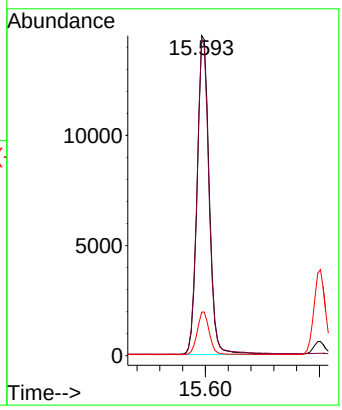


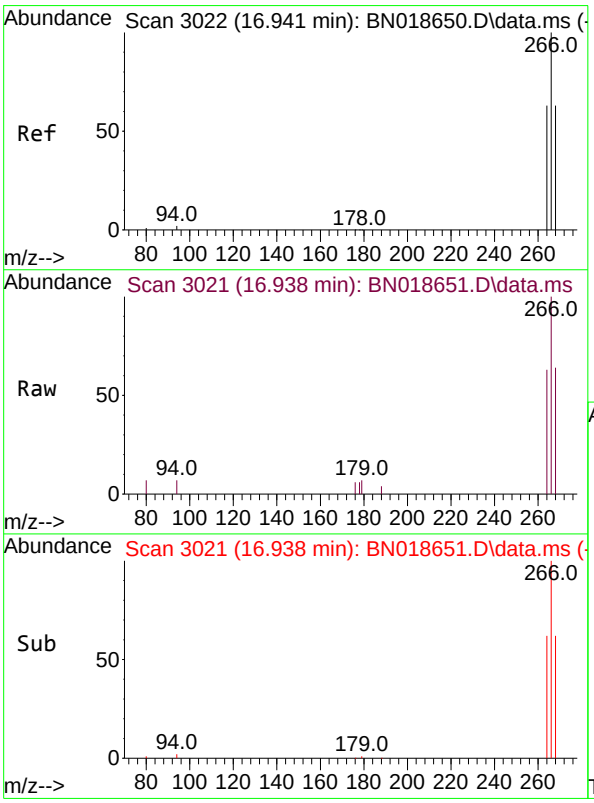
#12
Fluorene
Concen: 0.809 ng/ul
RT: 15.593 min Scan# 2
Delta R.T. -0.003 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Tgt Ion:166 Resp: 21202

Ion	Ratio	Lower	Upper
166	100		
165	99.0	77.8	116.6
167	13.6	11.6	17.4

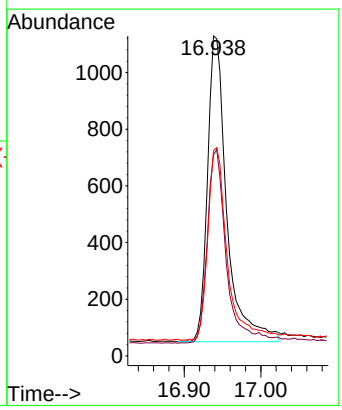


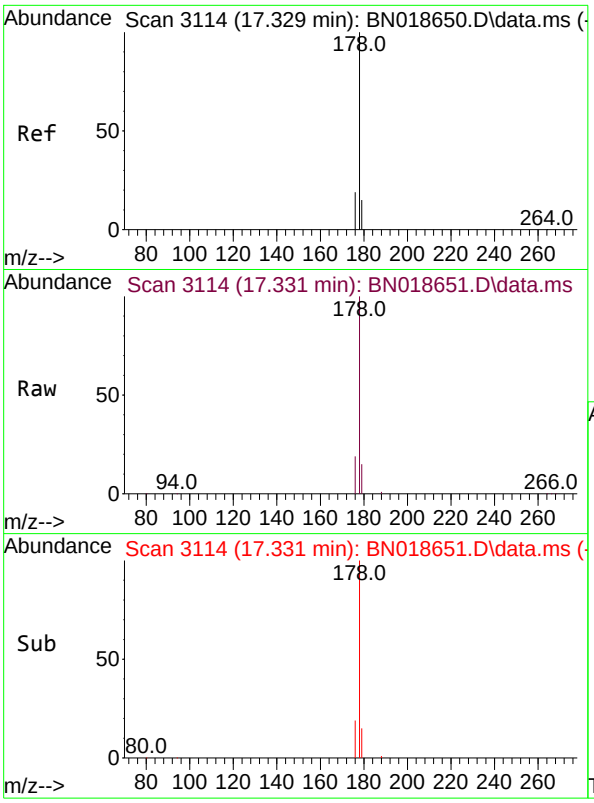


#14
Pentachlorophenol
Concen: 0.806 ng/ul
RT: 16.938 min Scan# 3021
Delta R.T. -0.003 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Tgt Ion:266 Resp: 1898

Ion	Ratio	Lower	Upper
266	100		
264	62.3	49.9	74.9
268	63.5	51.7	77.5



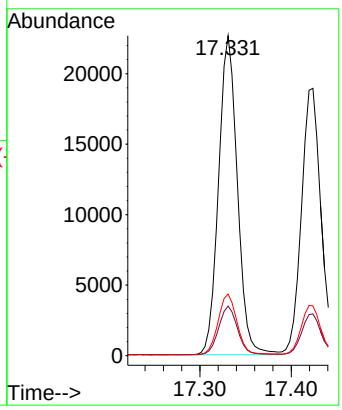


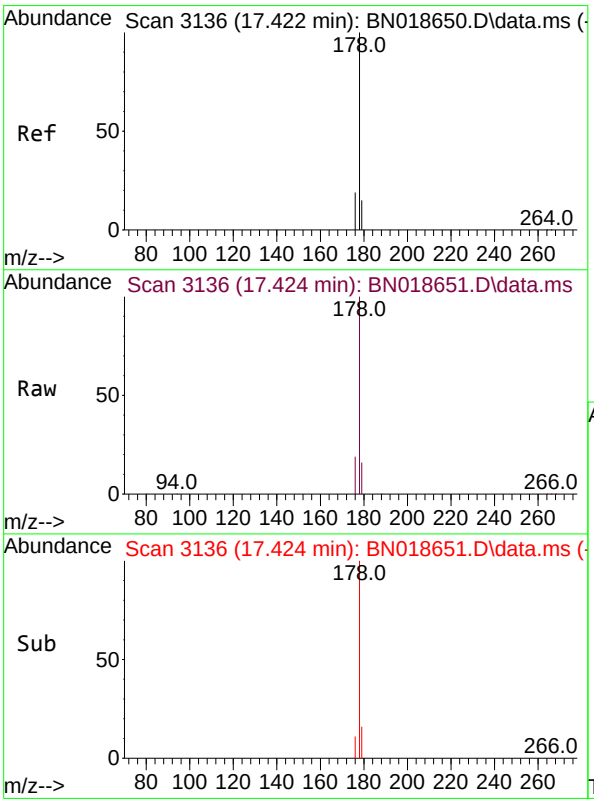
#15
Phenanthrene
Concen: 0.780 ng/ul
RT: 17.331 min Scan# 3
Delta R.T. 0.002 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Tgt Ion:178 Resp: 32239

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.4
176	19.2	15.4	23.2

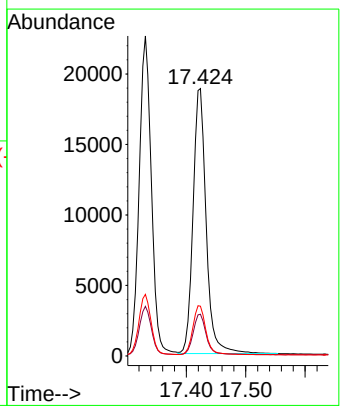


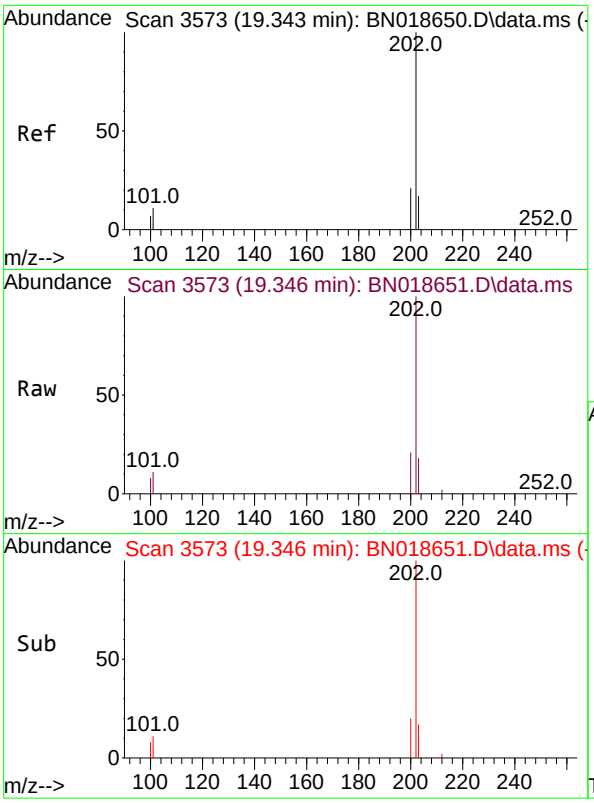


#16
Anthracene
Concen: 0.872 ng/ul
RT: 17.424 min Scan# 3136
Delta R.T. 0.002 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Tgt Ion:178 Resp: 28886

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.6	15.5	23.3



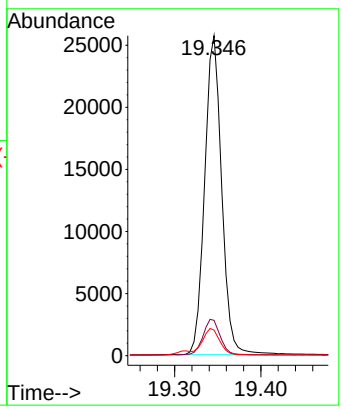


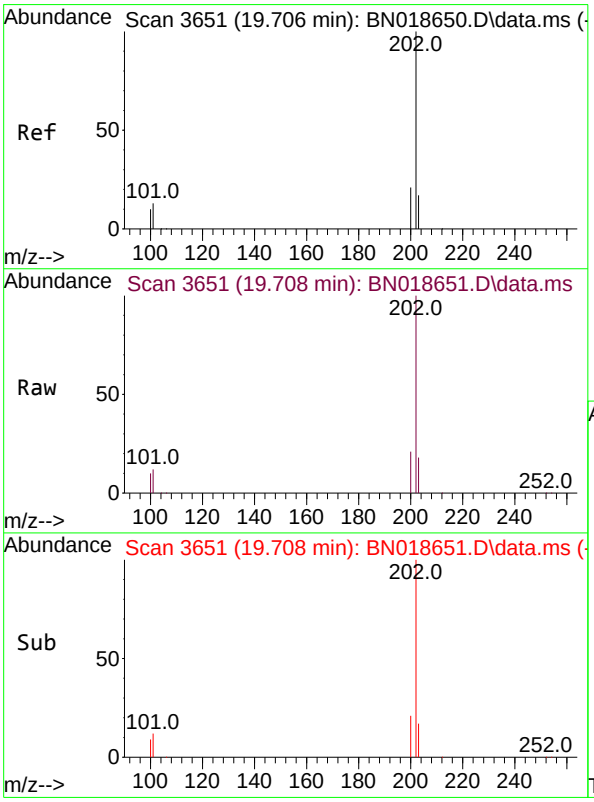
#19
Fluoranthene
Concen: 0.800 ng/ul
RT: 19.346 min Scan# 3
Delta R.T. 0.002 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Tgt Ion:202 Resp: 35281

Ion	Ratio	Lower	Upper
202	100		
101	11.0	7.5	11.3
100	8.0	5.4	8.2

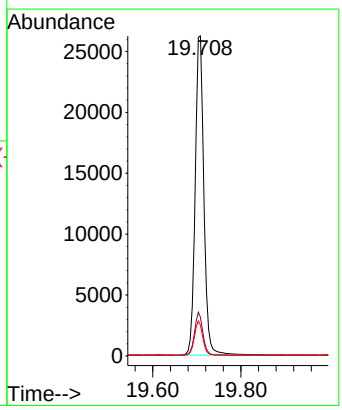


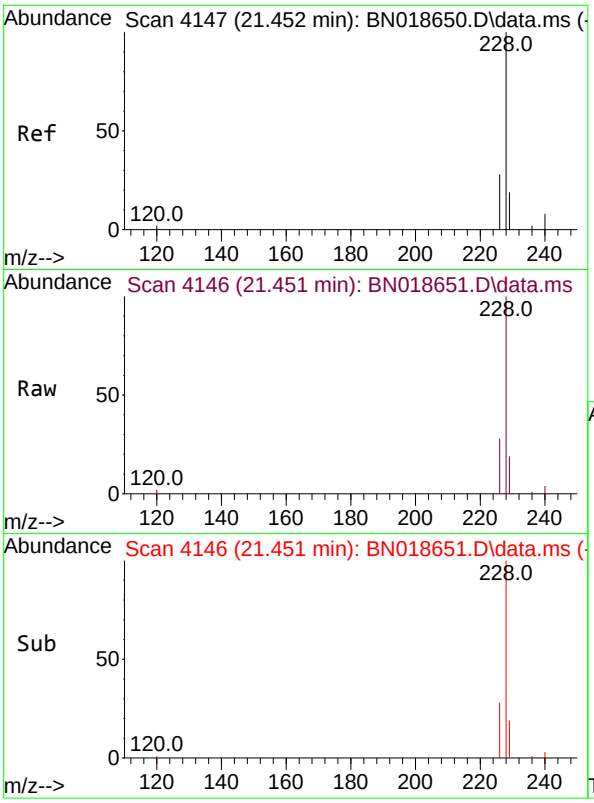


#20
Pyrene
Concen: 0.794 ng/ul
RT: 19.708 min Scan# 3651
Delta R.T. 0.002 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Tgt Ion:202 Resp: 36016

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.0	13.4
100	9.6	7.0	10.4



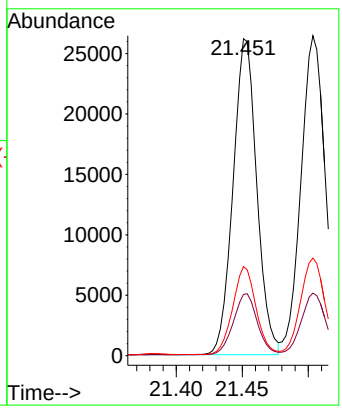


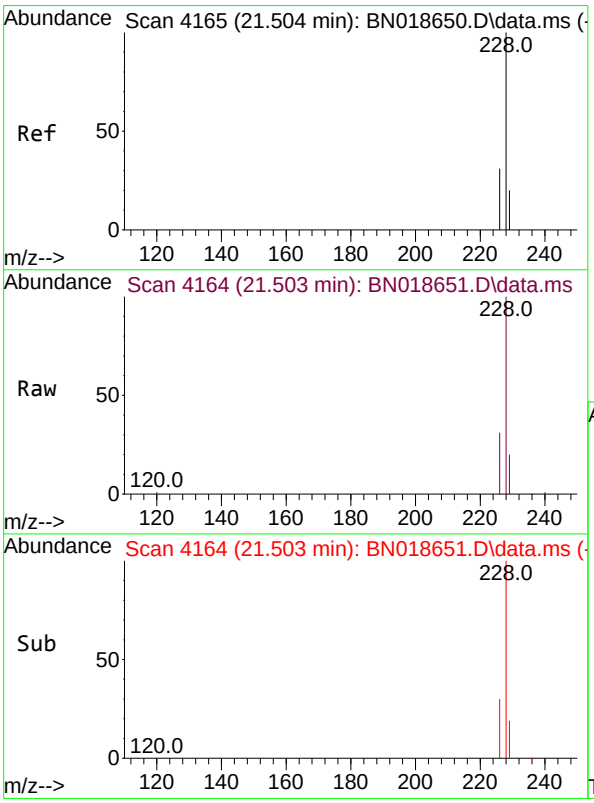
#21
Benzo(a)anthracene
Concen: 0.928 ng/ul
RT: 21.451 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Tgt Ion:228 Resp: 32812

Ion	Ratio	Lower	Upper
228	100		
229	19.4	15.6	23.4
226	28.1	22.1	33.1

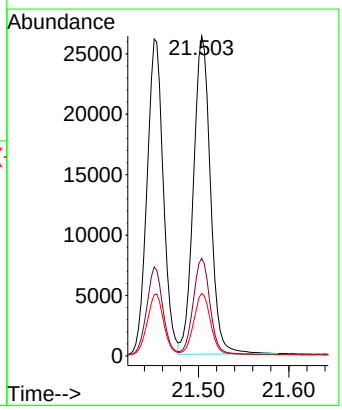


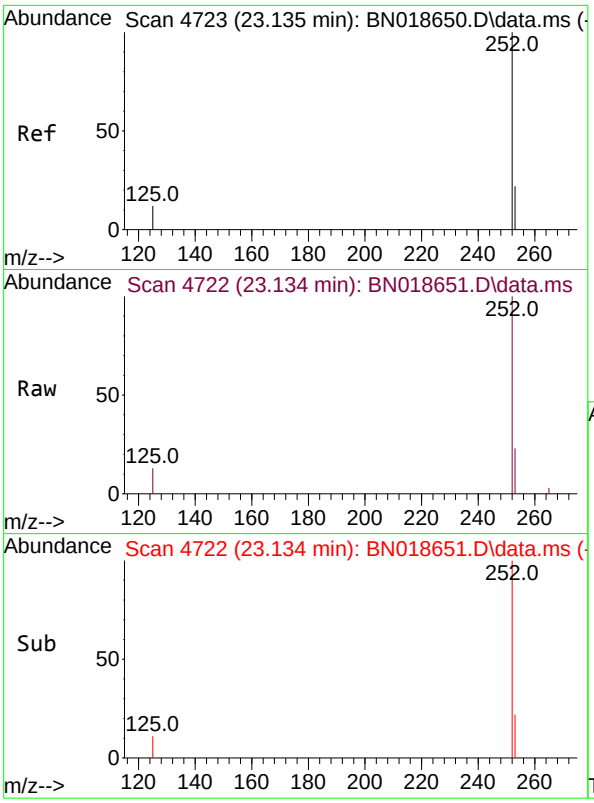


#22
Chrysene
Concen: 0.795 ng/ul
RT: 21.503 min Scan# 4164
Delta R.T. -0.001 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Tgt Ion:228 Resp: 34369

Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.2	36.4
229	19.6	15.7	23.5



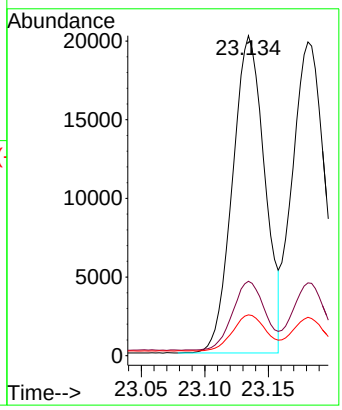


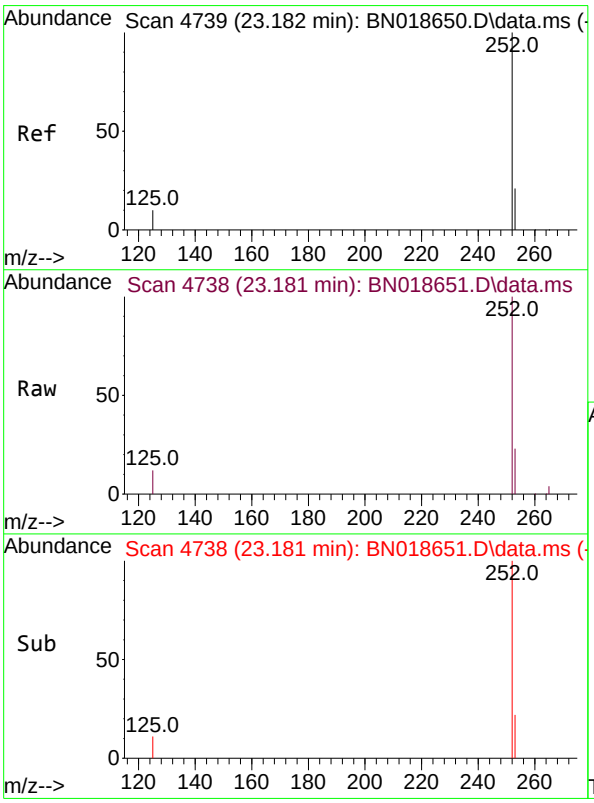
#24
Benzo(b)fluoranthene
Concen: 0.760 ng/ul
RT: 23.134 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Tgt Ion:252 Resp: 35594

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	46.4
125	12.7	0.0	17.8

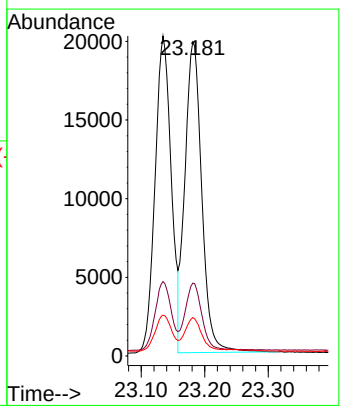


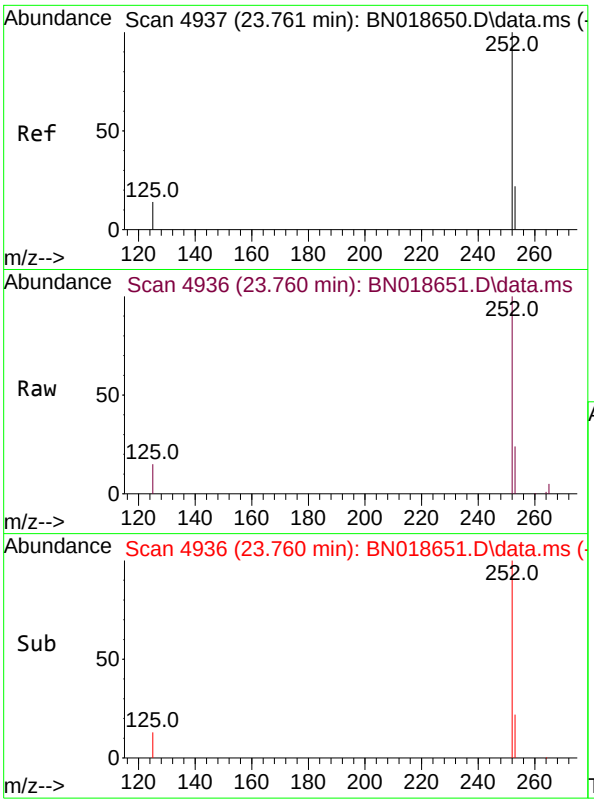


#25
Benzo(k)fluoranthene
Concen: 0.743 ng/ul
RT: 23.181 min Scan# 4738
Delta R.T. -0.001 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Tgt Ion:252 Resp: 36430

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	28.0
125	12.2	7.3	10.9#



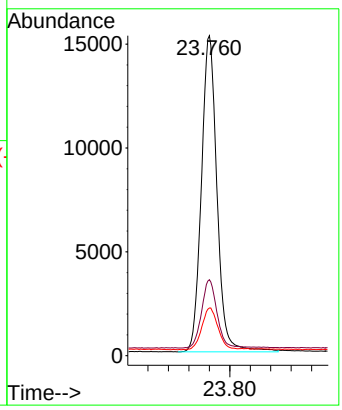


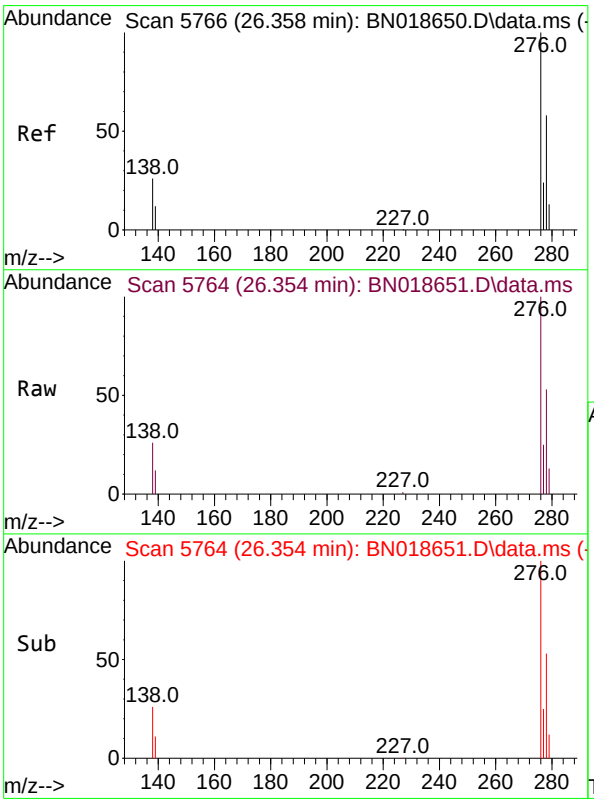
#26
Benzo(a)pyrene
Concen: 0.853 ng/ul
RT: 23.760 min Scan# 4
Delta R.T. -0.001 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Tgt Ion:252 Resp: 32235

Ion	Ratio	Lower	Upper
252	100		
253	23.8	18.9	28.3
125	14.9	8.2	12.2#

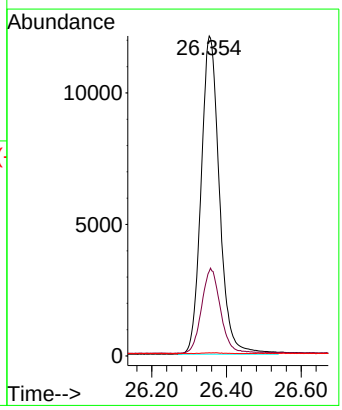


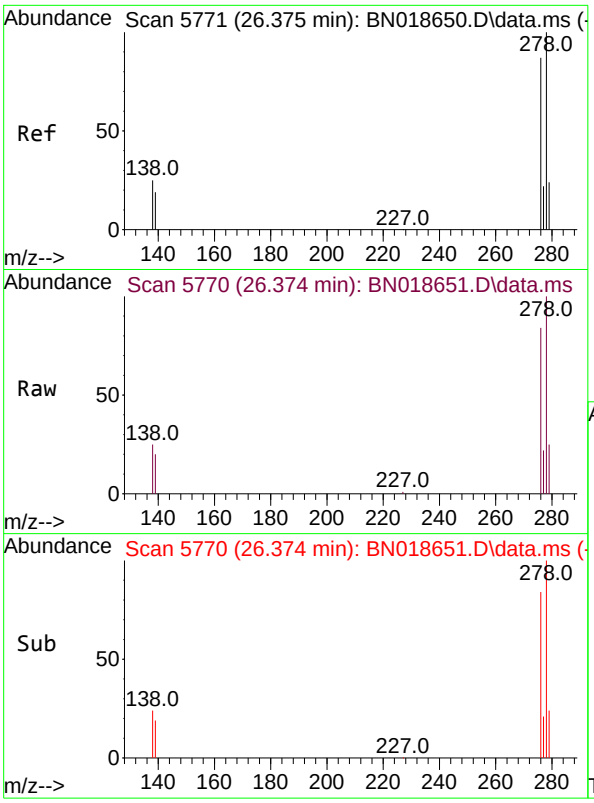


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.825 ng/ul
RT: 26.354 min Scan# 5764
Delta R.T. -0.004 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Tgt Ion:276 Resp: 41166

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



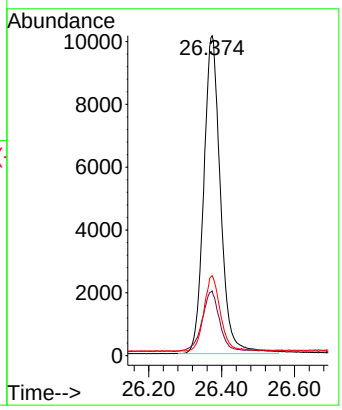


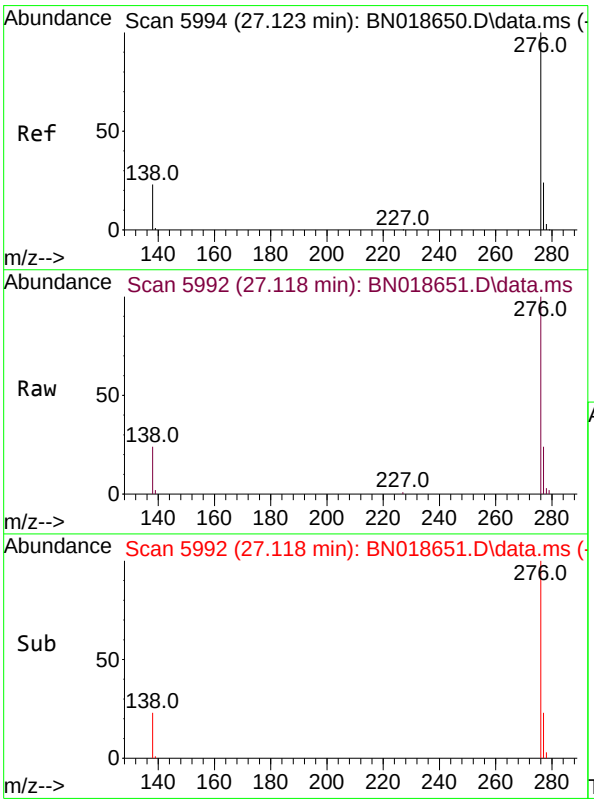
#28
Dibenzo(a,h)anthracene
Concen: 0.829 ng/ul
RT: 26.374 min Scan# 5
Delta R.T. -0.001 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Instrument :
BNA_N
ClientSampleId :
SSTD0.8205

Tgt Ion:278 Resp: 32305

Ion	Ratio	Lower	Upper
278	100		
139	20.2	11.9	17.9#
279	25.0	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 0.788 ng/ul
RT: 27.118 min Scan# 5992
Delta R.T. -0.004 min
Lab File: BN018651.D
Acq: 18 Feb 2022 11:49

Tgt Ion:276 Resp: 34995

Ion	Ratio	Lower	Upper
276	100		
138	24.1	14.4	21.6#
277	24.1	19.2	28.8