Quantitation Report (Not Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021122\
Data File : BN018592.D
Acq On : 11 Feb 2022 12:15
Operator : CG/JU
Sample : SSTD0.846
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTD0.8246

Quant Time: Feb 11 13:39:55 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SFAM-EPA-SIM-BN021122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 11 13:38:34 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.925	152	5398	0.400	ng/ul		0.00
4) Naphthalene-d8	10.726	136	13000	0.400	ng/ul		0.00
9) Acenaphthene-d10	14.553	164	6603	0.400	ng/ul		0.00
13) Phenanthrene-d10	17.293	188	13133	0.400	ng/ul		0.00
17) Chrysene-d12	21.471	240	10333	0.400	ng/ul	#	0.00
23) Perylene-d12	23.874	264	7923	0.400	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.289	96	5225	0.843	ng/ul		0.00
6) 2-Methylnaphthalene-d10	12.316	152	13920	0.785	ng/ul		0.00
18) Fluoranthene-d10	19.318	212	25603	0.867	ng/ul		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.327	88	5422	0.809	ng/ul	#	72
5) Naphthalene	10.776	128	29137	0.805	ng/ul		99
7) 2-Methylnaphthalene	12.387	142	18901	0.820	ng/ul		100
8) 1-Methylnaphthalene	12.607	142	18882	0.797	ng/ul		99
10) Acenaphthylene	14.275	152	21451	0.818	ng/ul		100
11) Acenaphthene	14.617	153	18953	0.822	ng/ul		98
12) Fluorene	15.598	166	21262	0.853	ng/ul		98
14) Pentachlorophenol	16.942	266	1833	0.749	ng/ul		100
15) Phenanthrene	17.335	178	34654	0.806	ng/ul		99
16) Anthracene	17.424	178	28719	0.834	ng/ul		100
19) Fluoranthene	19.346	202	37185	0.907	ng/ul	#	93
20) Pyrene	19.708	202	36644	0.868	ng/ul	#	93
21) Benzo(a)anthracene	21.454	228	28384	0.863	ng/ul		100
22) Chrysene	21.506	228	34158	0.849	ng/ul		100
24) Benzo(b)fluoranthene	23.140	252	30507	0.876	ng/ul		97
25) Benzo(k)fluoranthene	23.187	252	32009	0.878	ng/ul	#	97
26) Benzo(a)pyrene	23.766	252	24549	0.874	ng/ul	#	96
27) Indeno(1,2,3-cd)pyrene	26.367	276	32567	0.878	ng/ul	#	81
28) Dibenzo(a,h)anthracene	26.381	278	25910	0.894	ng/ul	#	95
29) Benzo(g,h,i)perylene	27.125	276	27634	0.836	ng/ul	#	93

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021122\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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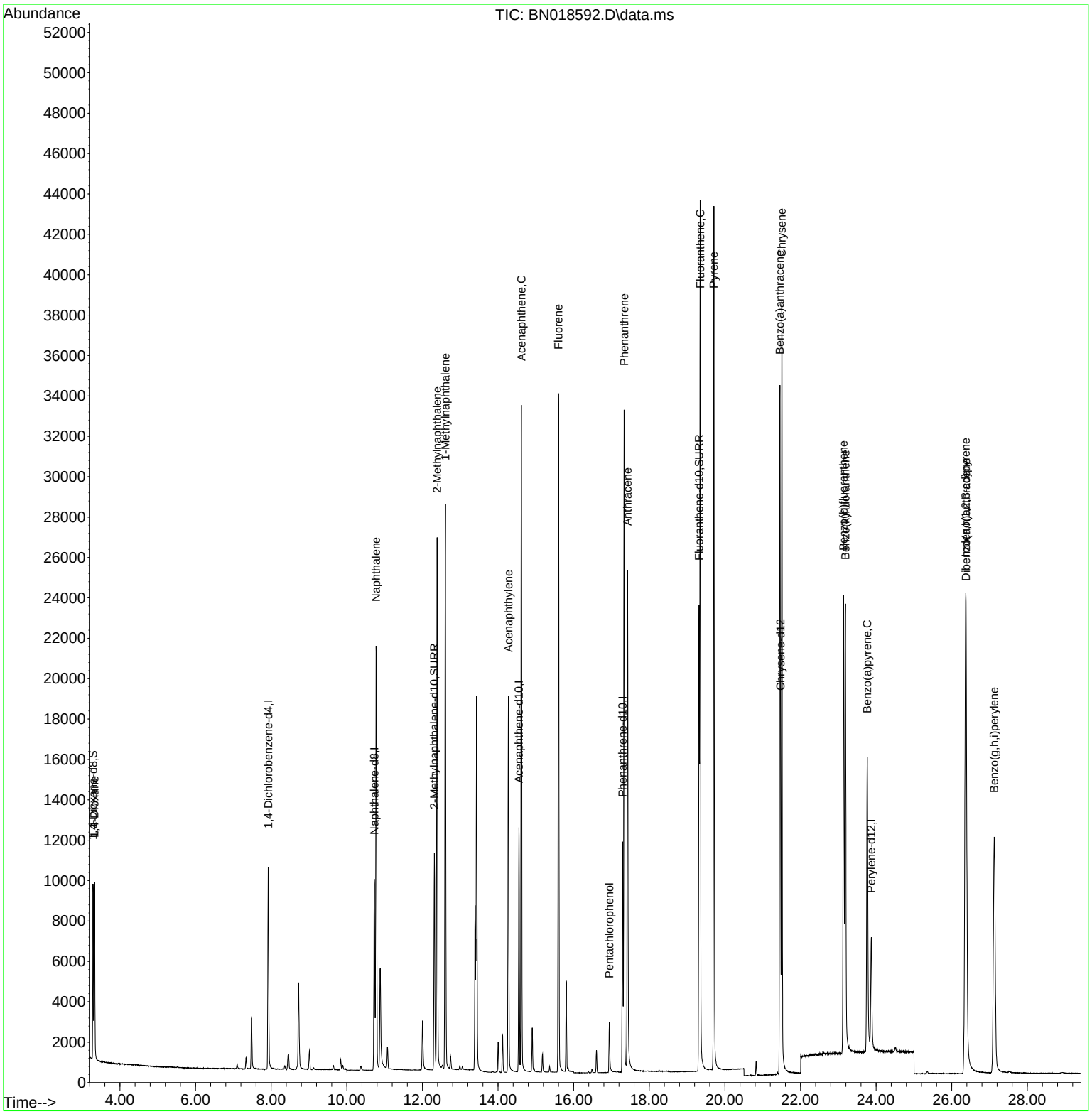
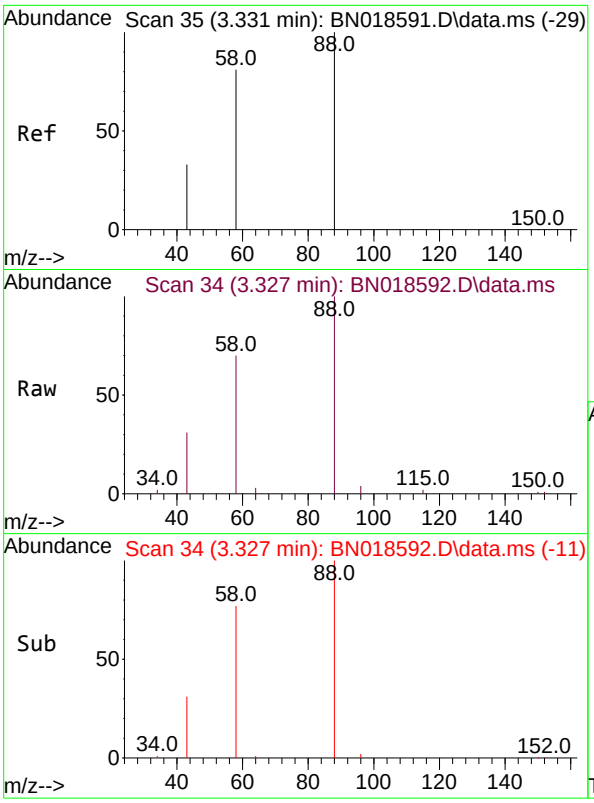


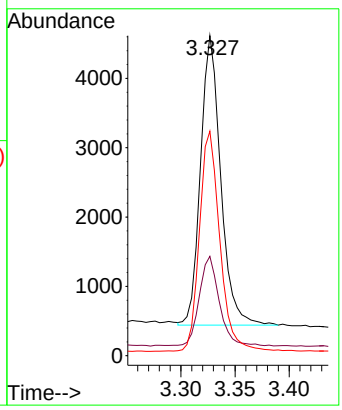


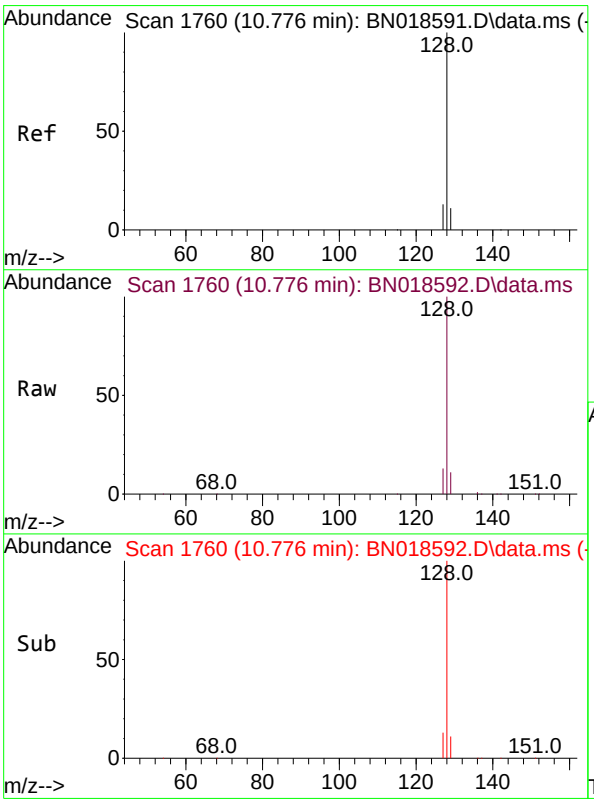
#2
1,4-Dioxane
Concen: 0.809 ng/ul
RT: 3.327 min Scan# 3
Delta R.T. -0.004 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.8246

Tgt Ion: 88 Resp: 5422

Ion	Ratio	Lower	Upper
88	100		
43	31.0	47.8	71.8#
58	70.1	46.2	69.2#

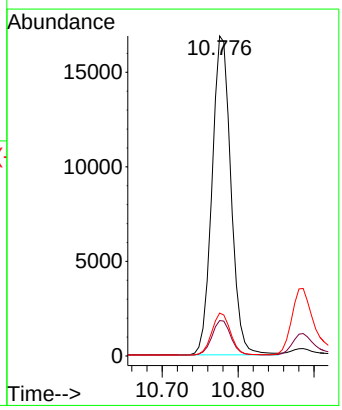


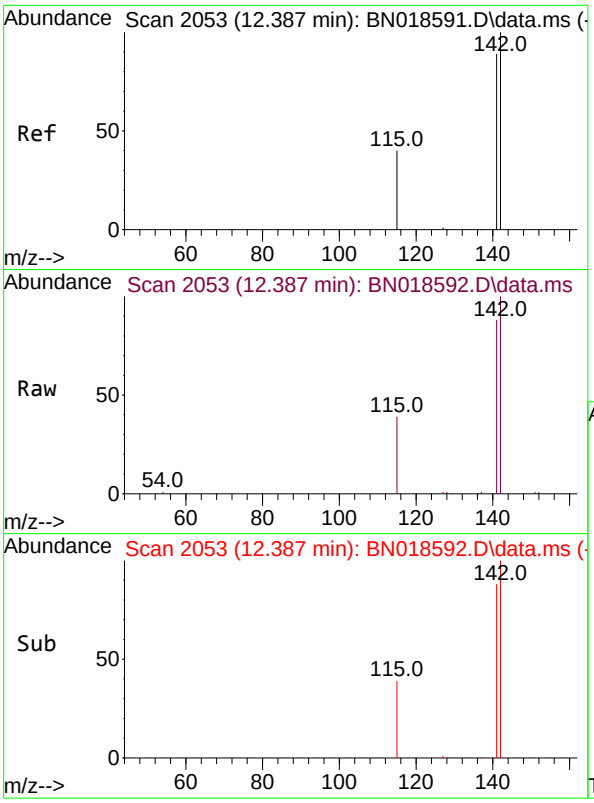


#5
Naphthalene
Concen: 0.805 ng/ul
RT: 10.776 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Tgt Ion:128 Resp: 29137

Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.4	14.0
127	13.4	11.0	16.6



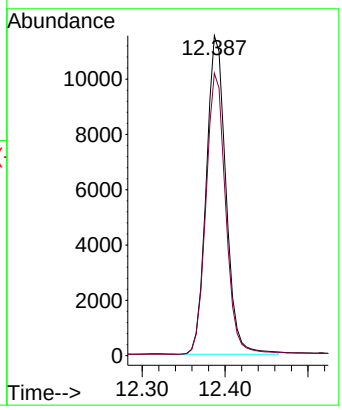


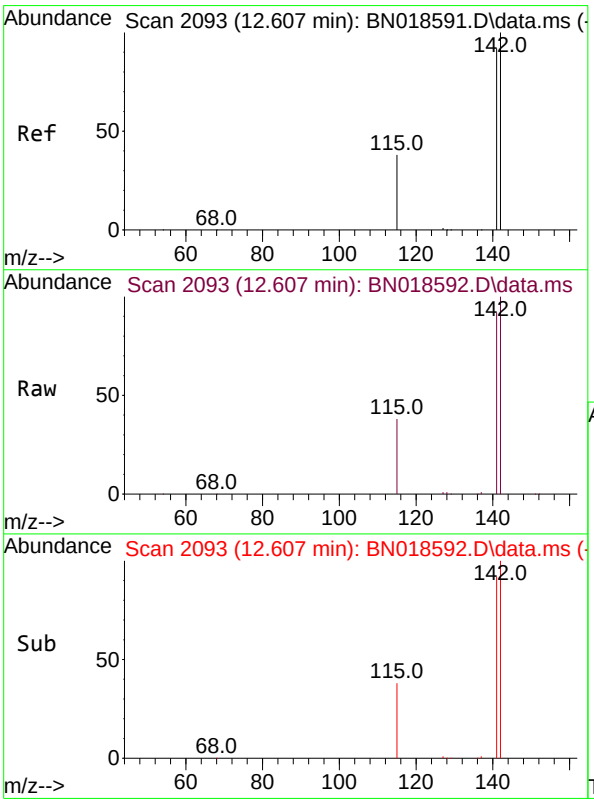
#7
2-Methylnaphthalene
Concen: 0.820 ng/ul
RT: 12.387 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.8246

Tgt Ion:142 Resp: 18901

Ion	Ratio	Lower	Upper
142	100		
141	88.7	70.9	106.3

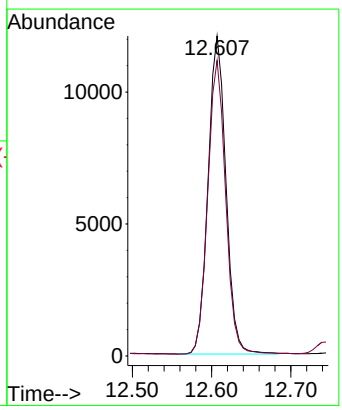


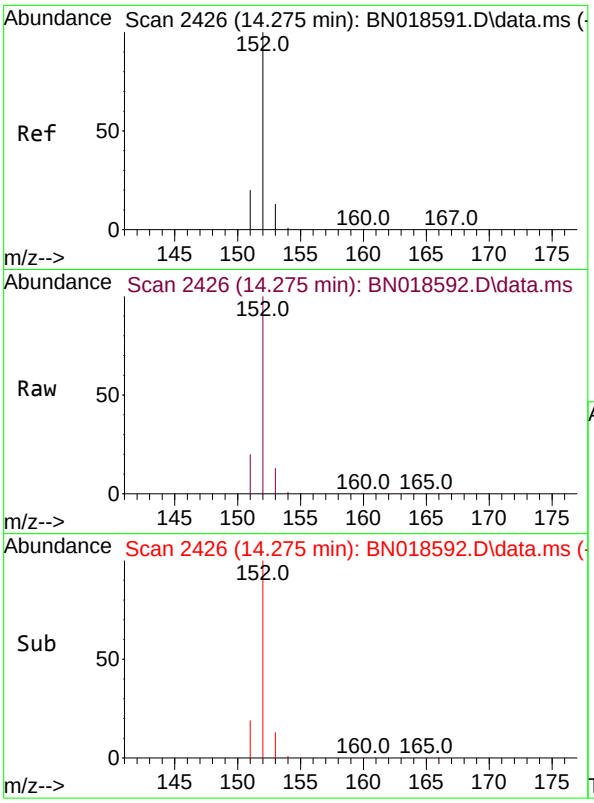


#8
1-Methylnaphthalene
Concen: 0.797 ng/ul
RT: 12.607 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Tgt Ion:142 Resp: 18882

Ion	Ratio	Lower	Upper
142	100		
141	92.2	73.2	109.8



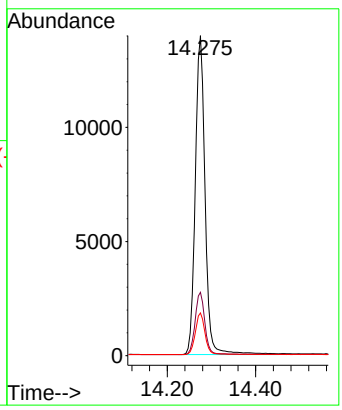


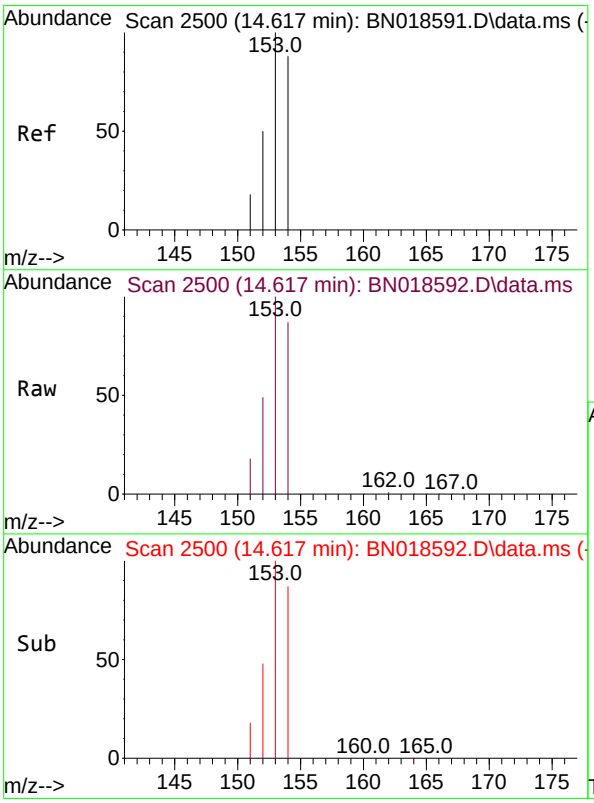
#10
Acenaphthylene
Concen: 0.818 ng/ul
RT: 14.275 min Scan# 24
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.8246

Tgt Ion:152 Resp: 21451

Ion	Ratio	Lower	Upper
152	100		
151	19.8	15.8	23.8
153	13.3	10.7	16.1

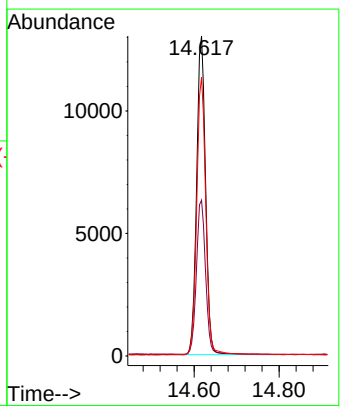


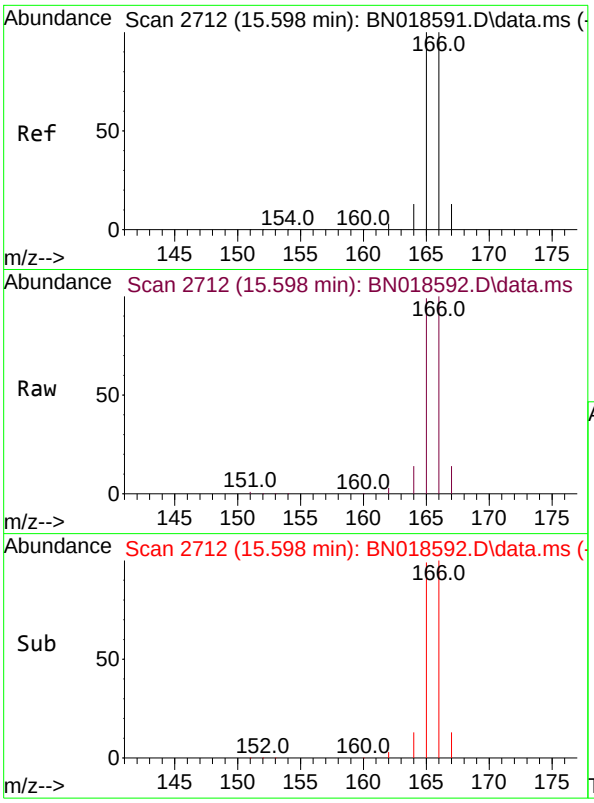


#11
Acenaphthene
Concen: 0.822 ng/ul
RT: 14.617 min Scan# 2500
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Tgt Ion:153 Resp: 18953

Ion	Ratio	Lower	Upper
153	100		
152	48.7	39.7	59.5
154	87.1	70.9	106.3



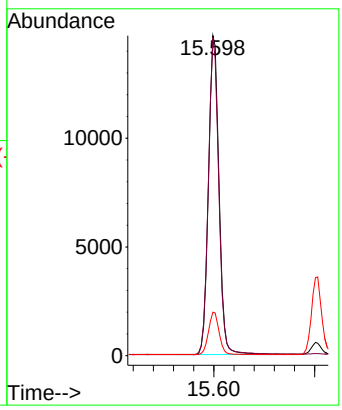


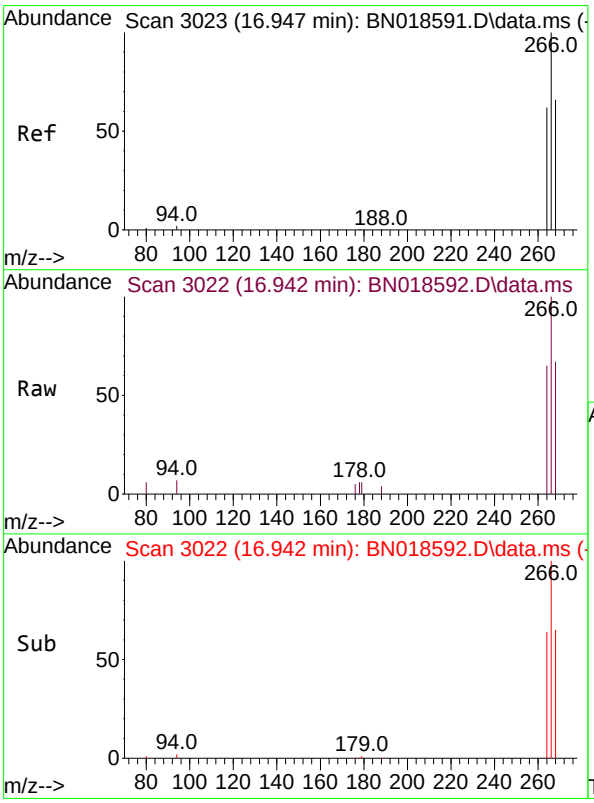
#12
Fluorene
Concen: 0.853 ng/ul
RT: 15.598 min Scan# 2
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.8246

Tgt Ion:166 Resp: 21262

Ion	Ratio	Lower	Upper
166	100		
165	99.4	77.8	116.6
167	13.6	11.6	17.4

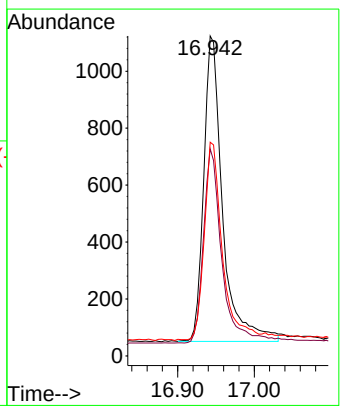


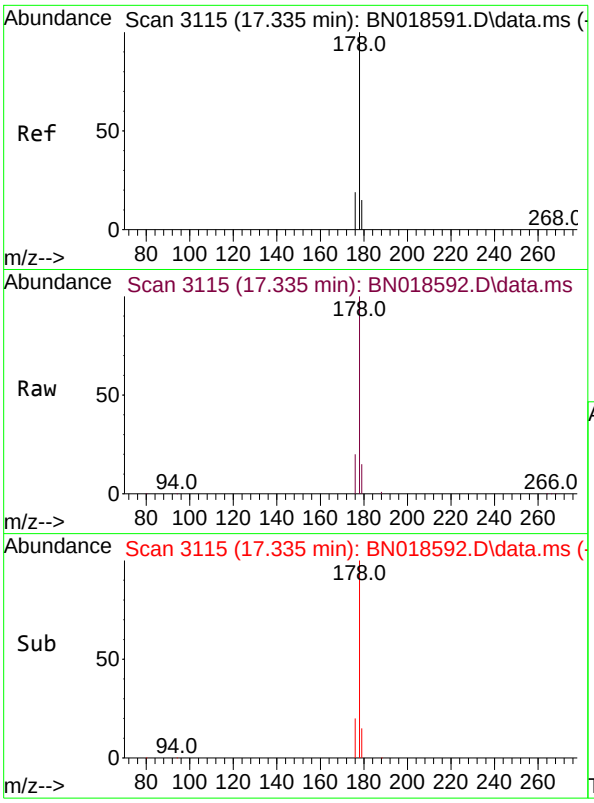


#14
Pentachlorophenol
Concen: 0.749 ng/ul
RT: 16.942 min Scan# 3022
Delta R.T. -0.004 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Tgt Ion:266 Resp: 1833

Ion	Ratio	Lower	Upper
266	100		
264	62.1	49.9	74.9
268	64.3	51.7	77.5



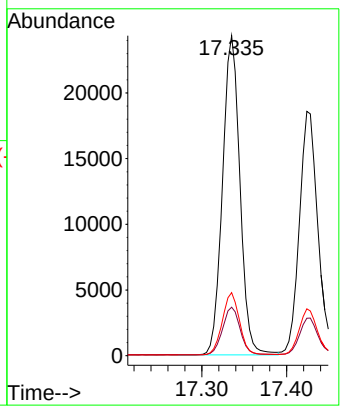


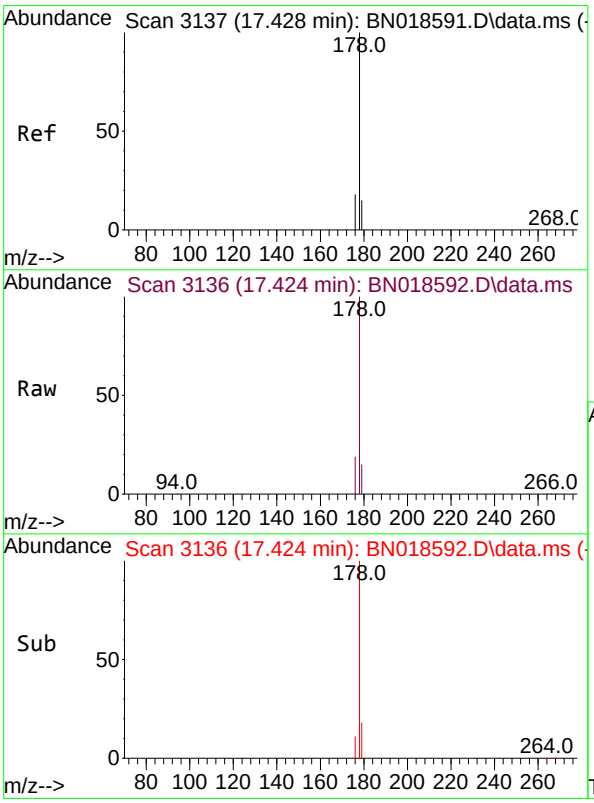
#15
Phenanthrene
Concen: 0.806 ng/ul
RT: 17.335 min Scan# 3
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.8246

Tgt Ion:178 Resp: 34654

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	19.7	15.4	23.2

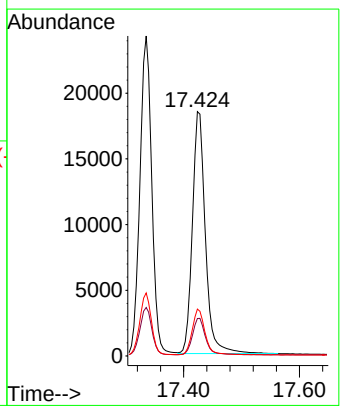


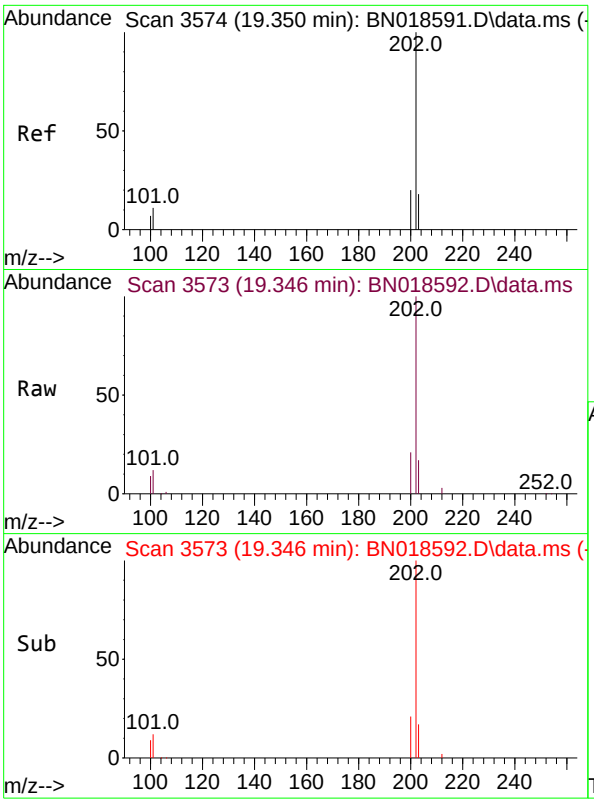


#16
Anthracene
Concen: 0.834 ng/ul
RT: 17.424 min Scan# 3136
Delta R.T. -0.004 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Tgt Ion:178 Resp: 28719

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.2	15.5	23.3



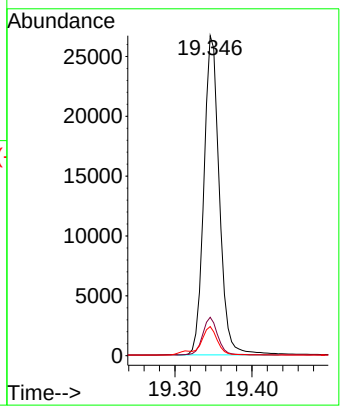


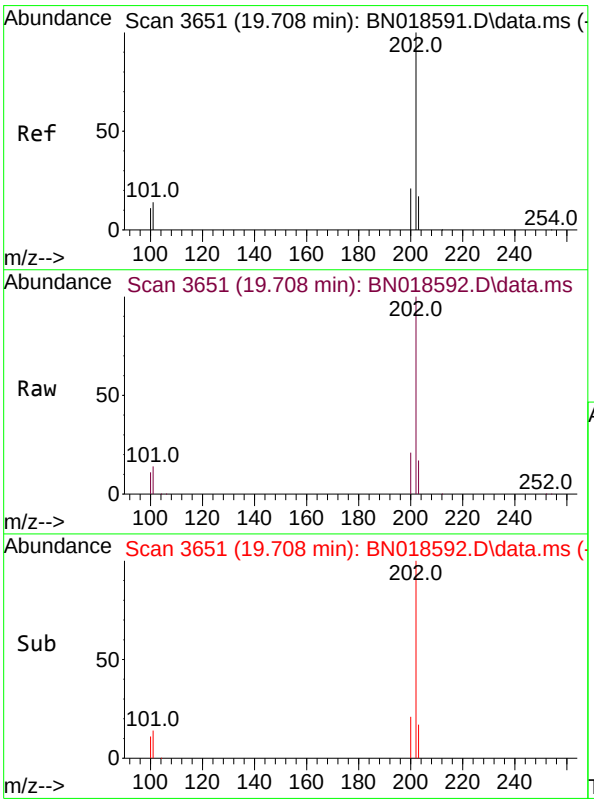
#19
Fluoranthene
Concen: 0.907 ng/ul
RT: 19.346 min Scan# 3
Delta R.T. -0.005 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.8246

Tgt Ion:202 Resp: 37185

Ion	Ratio	Lower	Upper
202	100		
101	12.0	7.5	11.3#
100	9.1	5.4	8.2#

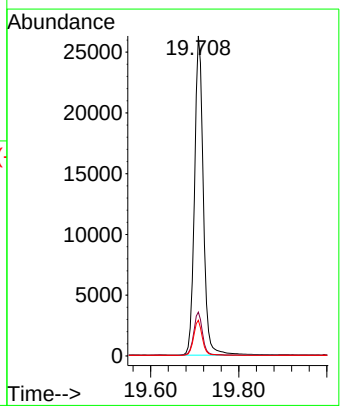


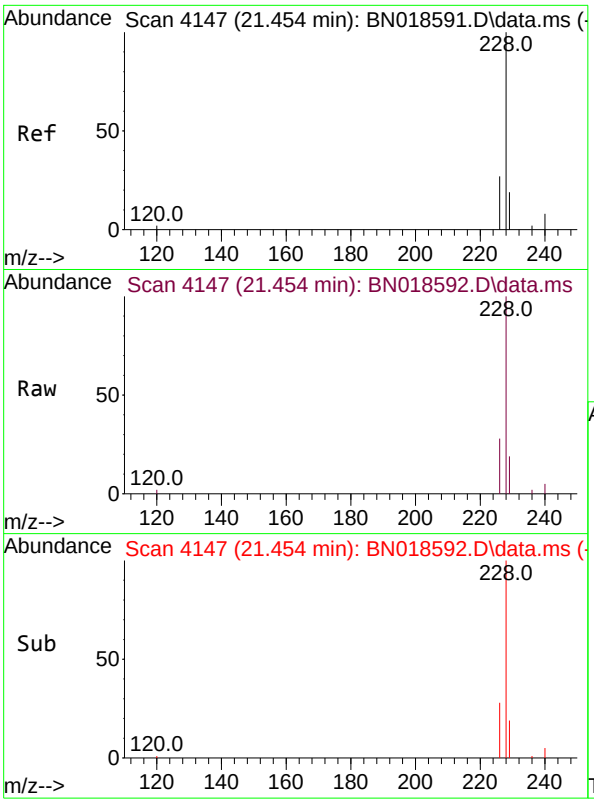


#20
Pyrene
Concen: 0.868 ng/ul
RT: 19.708 min Scan# 3651
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Tgt Ion:202 Resp: 36644

Ion	Ratio	Lower	Upper
202	100		
101	13.7	9.0	13.4#
100	11.1	7.0	10.4#



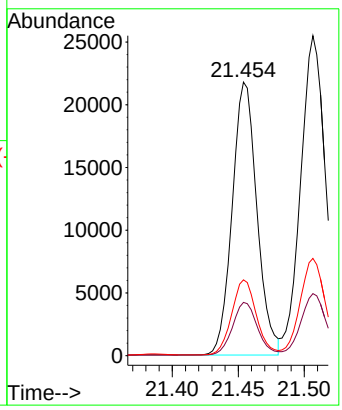


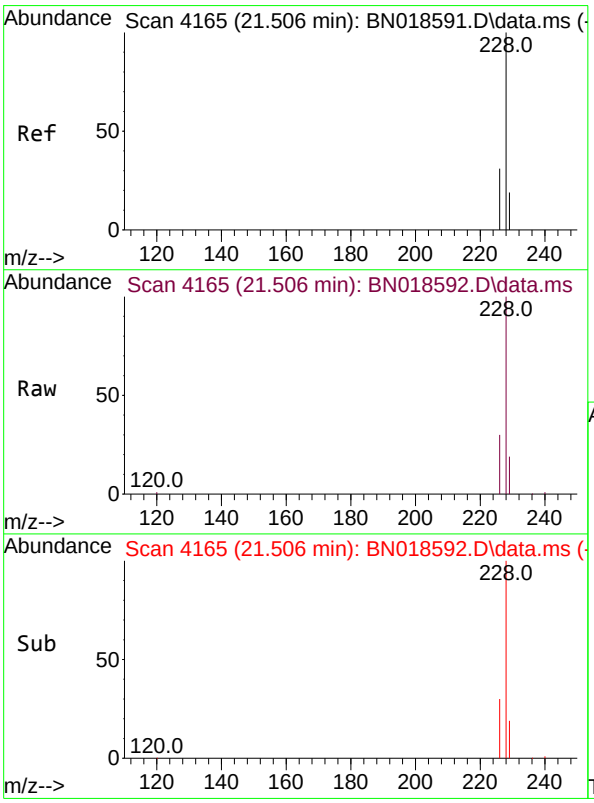
#21
Benzo(a)anthracene
Concen: 0.863 ng/ul
RT: 21.454 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.8246

Tgt Ion:228 Resp: 28384

Ion	Ratio	Lower	Upper
228	100		
229	19.5	15.6	23.4
226	27.7	22.1	33.1

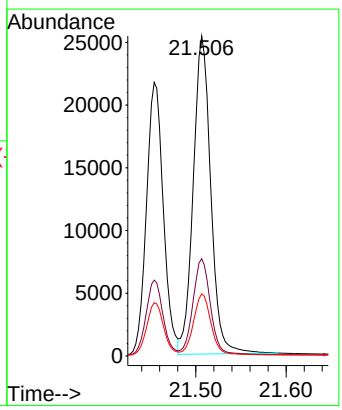


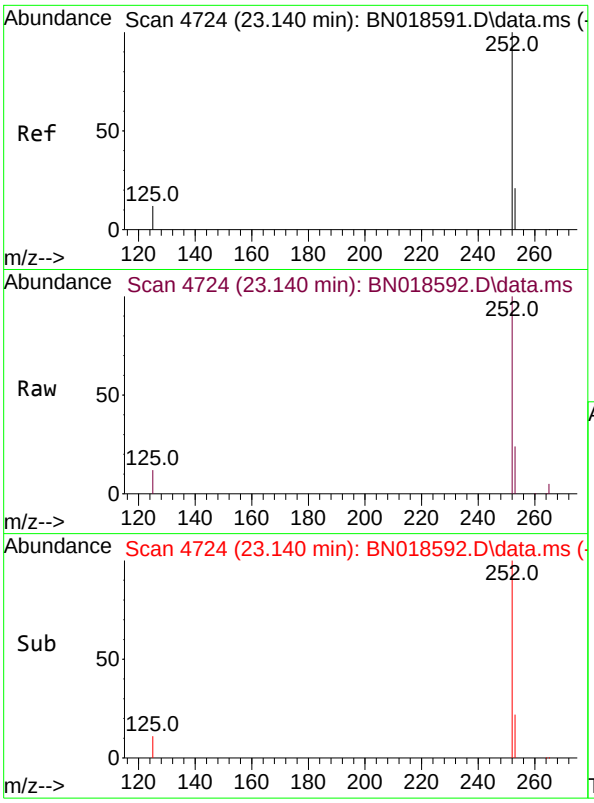


#22
Chrysene
Concen: 0.849 ng/ul
RT: 21.506 min Scan# 4165
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Tgt Ion:228 Resp: 34158

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.2	36.4
229	19.4	15.7	23.5



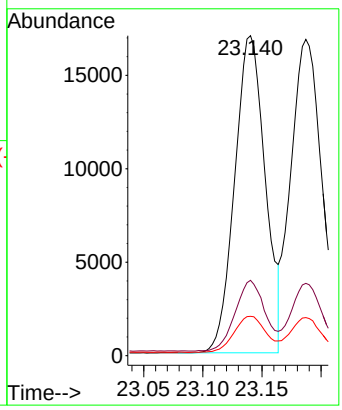


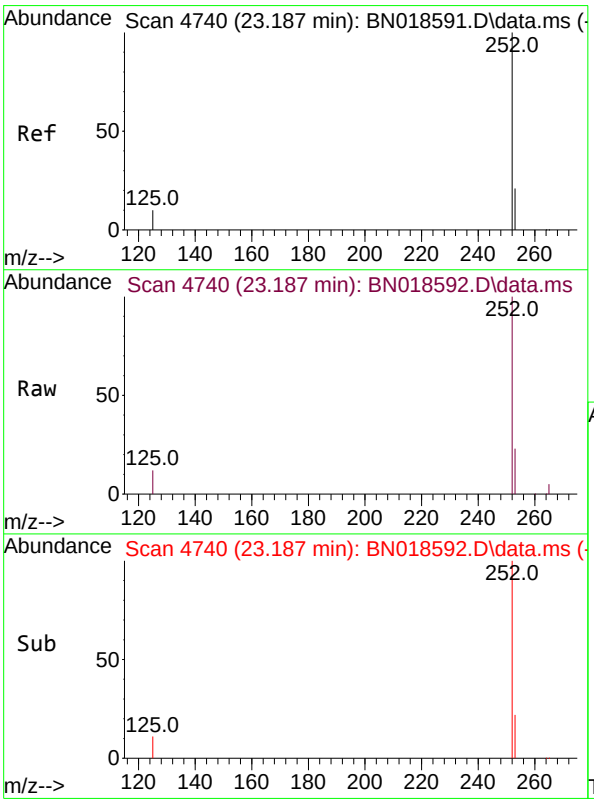
#24
Benzo(b)fluoranthene
Concen: 0.876 ng/ul
RT: 23.140 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.8246

Tgt Ion:252 Resp: 30507

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	46.4
125	12.3	0.0	17.8

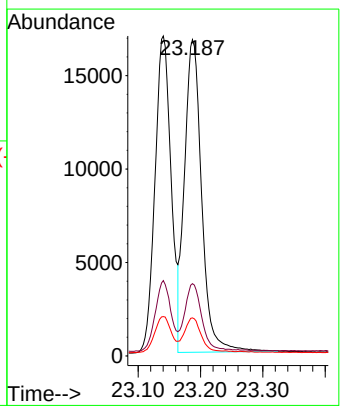


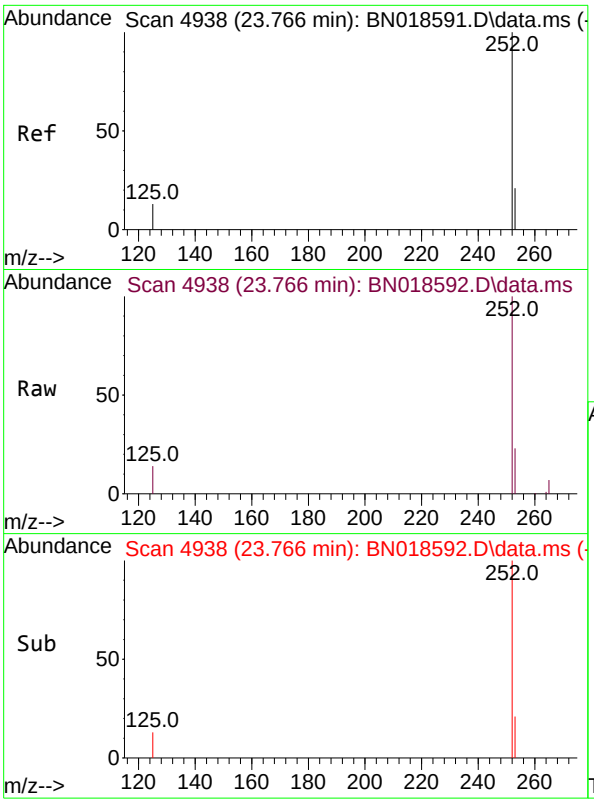


#25
Benzo(k)fluoranthene
Concen: 0.878 ng/ul
RT: 23.187 min Scan# 4740
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Tgt Ion:252 Resp: 32009

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.6	28.0
125	12.0	7.3	10.9#



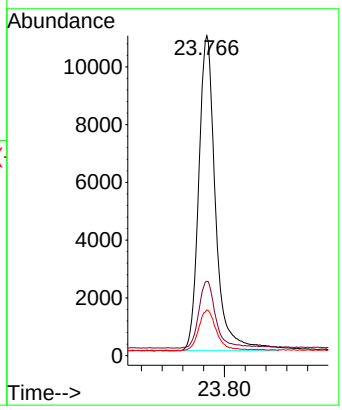


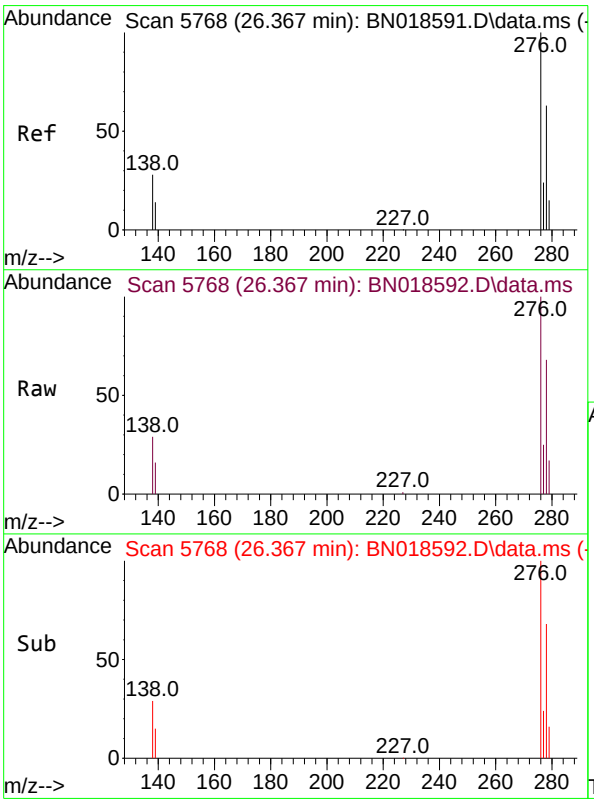
#26
Benzo(a)pyrene
Concen: 0.874 ng/ul
RT: 23.766 min Scan# 4
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.8246

Tgt Ion:252 Resp: 24549

Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.9	28.3
125	14.3	8.2	12.2#

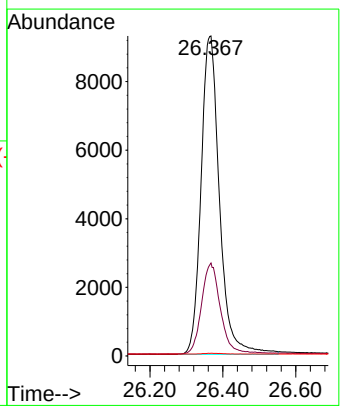


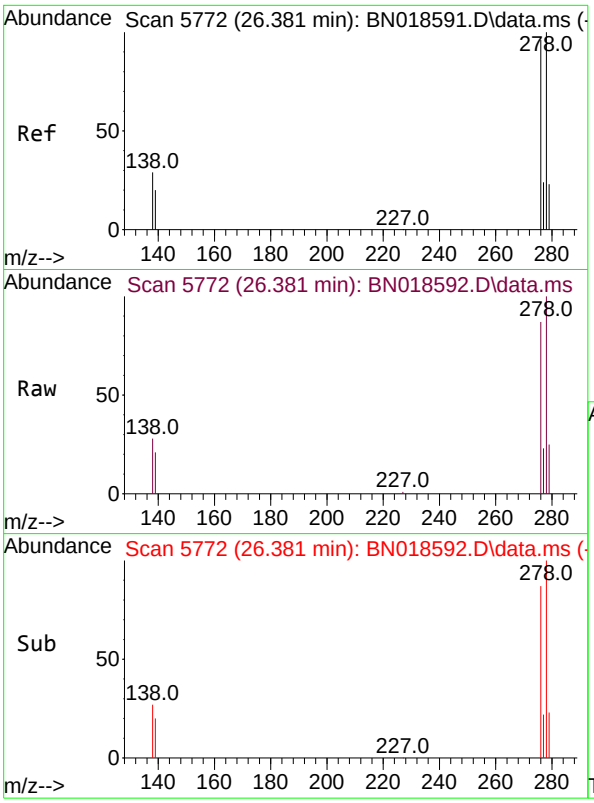


#27
Indeno(1,2,3-cd)pyrene
Concen: 0.878 ng/ul
RT: 26.367 min Scan# 5768
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Tgt Ion:276 Resp: 32567

Ion	Ratio	Lower	Upper
276	100		
138	29.4	16.5	24.7#
227	0.3	0.1	0.1#



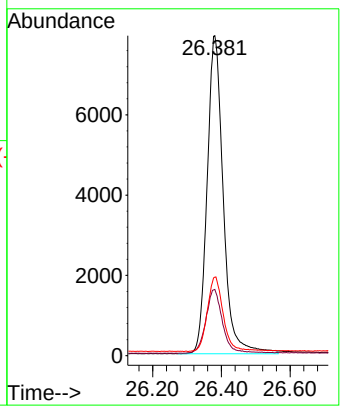


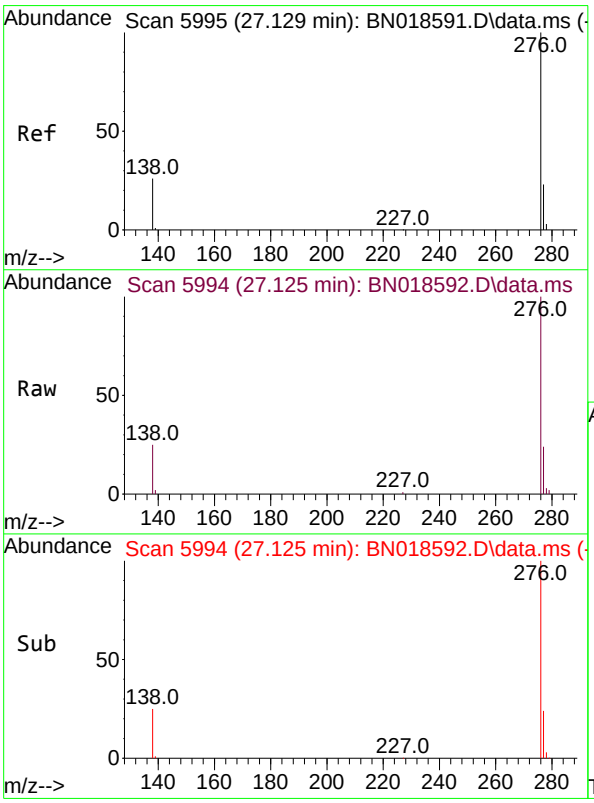
#28
Dibenzo(a,h)anthracene
Concen: 0.894 ng/ul
RT: 26.381 min Scan# 5
Delta R.T. 0.000 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Instrument :
BNA_N
ClientSampleId :
SSTD0.8246

Tgt Ion:278 Resp: 25910

Ion	Ratio	Lower	Upper
278	100		
139	20.7	11.9	17.9#
279	24.5	19.5	29.3





#29
Benzo(g,h,i)perylene
Concen: 0.836 ng/ul
RT: 27.125 min Scan# 5994
Delta R.T. -0.003 min
Lab File: BN018592.D
Acq: 11 Feb 2022 12:15

Tgt Ion:276 Resp: 27634

Ion	Ratio	Lower	Upper
276	100		
138	25.1	14.4	21.6#
277	24.2	19.2	28.8