Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009646.D
Acq On : 07 Feb 2020 13:48
Operator : CG/JU
Sample : L1324-17DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT72DL

Quant Time: Feb 07 15:25:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	167926	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	707821	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	437919	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	903281	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	809310	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	852926	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	471	0.12	ng/uL	0.02
5) Phenol-d5	6.64	99	14520	0.99	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	11546	1.17	ng/ul	0.01
9) 2-Chlorophenol-d4	6.98	132	11405	1.06	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	11080	0.95	ng/ul	0.01
19) Nitrobenzene-d5	8.58	128	5421	1.03	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	5789	0.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	10687	0.97	ng/ul	0.02
29) 4-Chloroaniline-d4	10.35	131	9569	0.81	ng/ul	0.01
43) Dimethylphthalate-d6	13.50	166	41934	1.31	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	48239	1.25	ng/ul	0.00
51) 4-Nitrophenol-d4	14.36	143	1908	0.32	ng/ul	0.05
57) Fluorene-d10	15.07	176	38758	1.38	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	1863	0.33	ng/ul	0.01
70) Anthracene-d10	16.93	188	59339	1.45	ng/ul	0.00
78) Pyrene-d10	19.23	212	63932	1.50	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	61071	1.45	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.23	128	1395630	36.36	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	321939	11.98	ng/ul	93
40) 1,1'-Biphenyl	12.89	154	58911	1.73	ng/ul	96
47) Acenaphthylene	13.79	152	313672	7.42	ng/ul	98
58) Fluorene	15.13	166	141408	4.23	ng/ul	96
69) Phenanthrene	16.87	178	667863	12.96	ng/ul	99
71) Anthracene	16.96	178	161953	3.10	ng/ul	99
76) Fluoranthene	18.90	202	370983	6.31	ng/ul	99
79) Pyrene	19.26	202	793075	13.42	ng/ul	98
82) Benzo(a)anthracene	21.03	228	204902	3.67	ng/ul#	93
84) Chrysene	21.08	228	197487	3.55	ng/ul	96
87) Benzo(b)fluoranthene	22.54	252	209563	3.93	ng/ul#	98
88) Benzo(k)fluoranthene	22.54	252	209563	3.99	ng/ul#	98
90) Benzo(a)pyrene	23.07	252	226880	4.59	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.22	276	94931	1.61	ng/ul	98
93) Benzo(g,h,i)perylene	25.85	276	95446	1.94	ng/ul	98

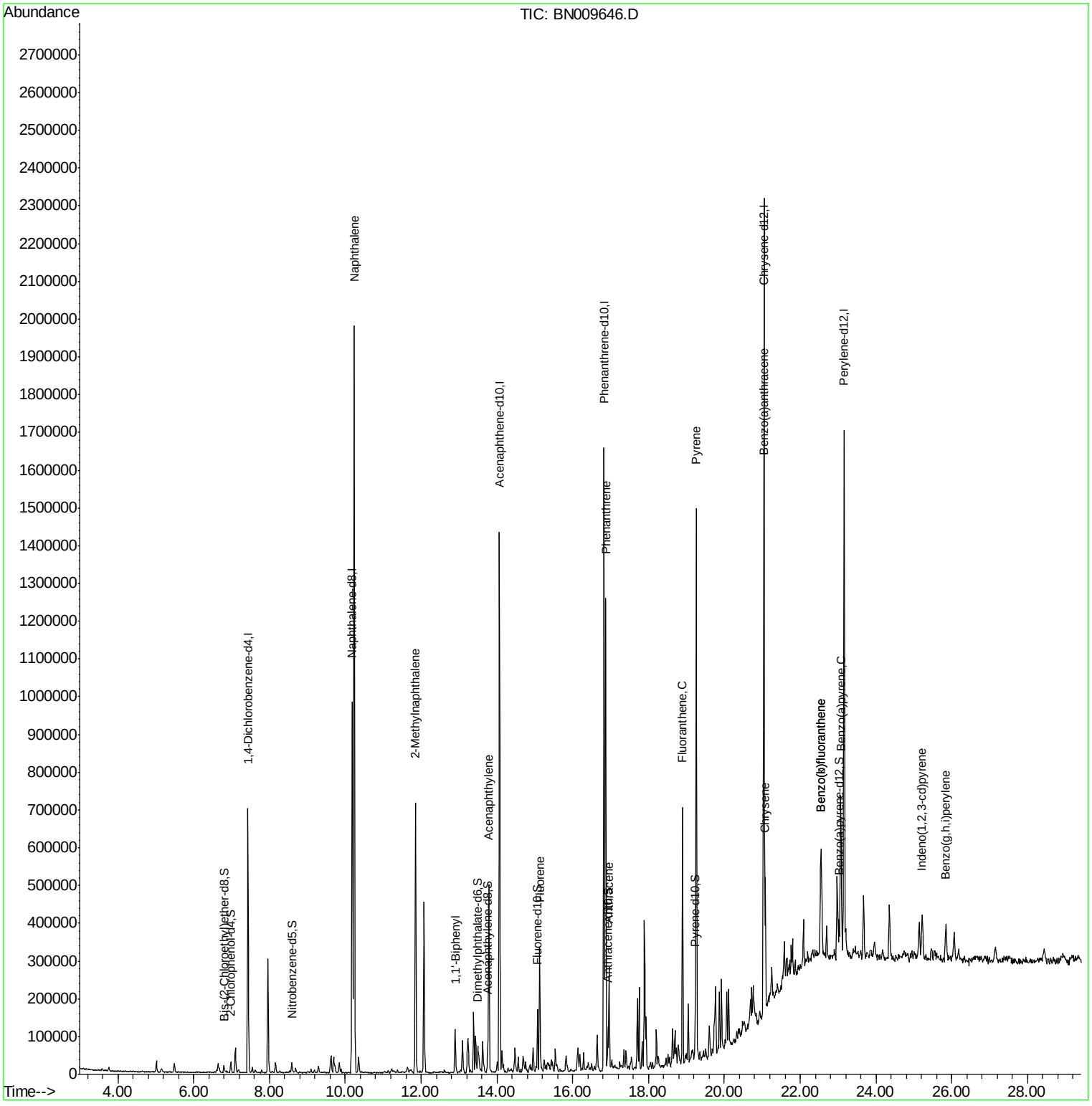
(#) = qualifier out of range (m) = manual integration (+) = signals summed

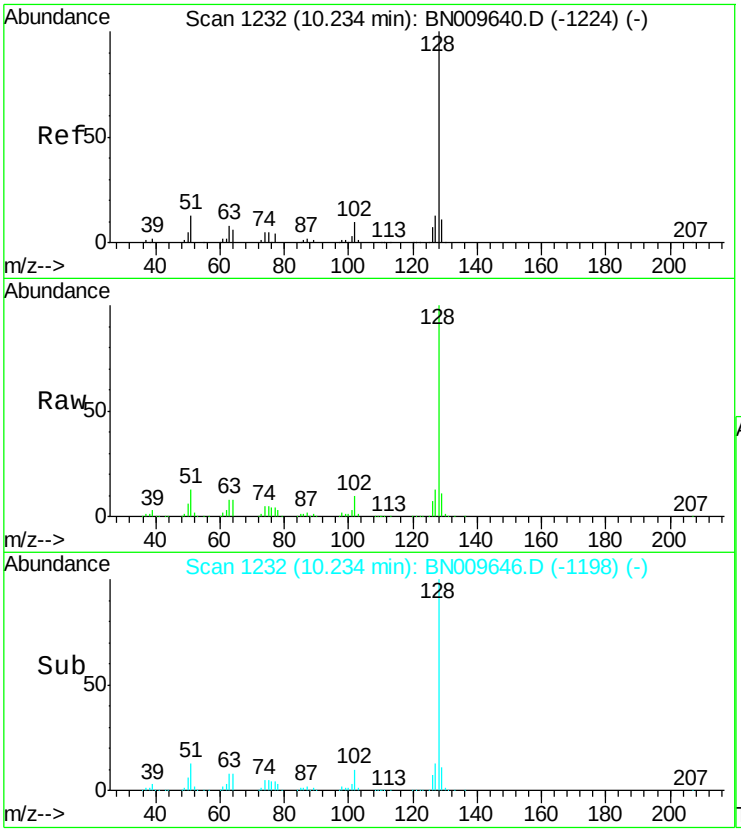
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009646.D
Acq On : 07 Feb 2020 13:48
Operator : CG/JU
Sample : L1324-17DL 10X
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT72DL

Quant Time: Feb 07 15:25:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 15:21:46 2020
Response via : Initial Calibration



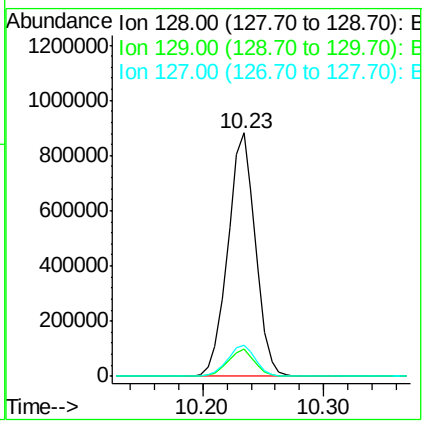


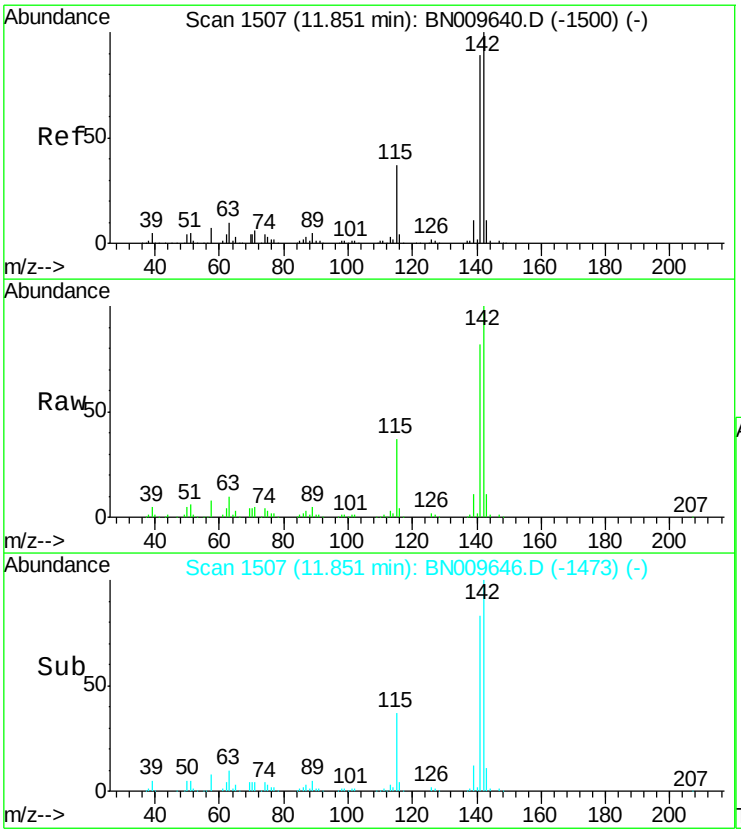
#28
Naphthalene
Concen: 36.36 ng/ul
RT: 10.23 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Instrument :
BNA_N
ClientSampleId :
GAT72DL

Tgt Ion:128 Resp: 1395630

Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.7	13.1
127	12.9	10.7	16.1

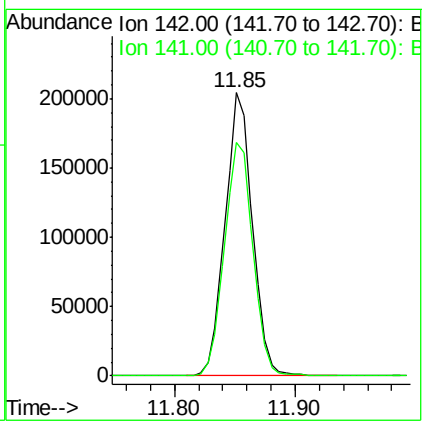


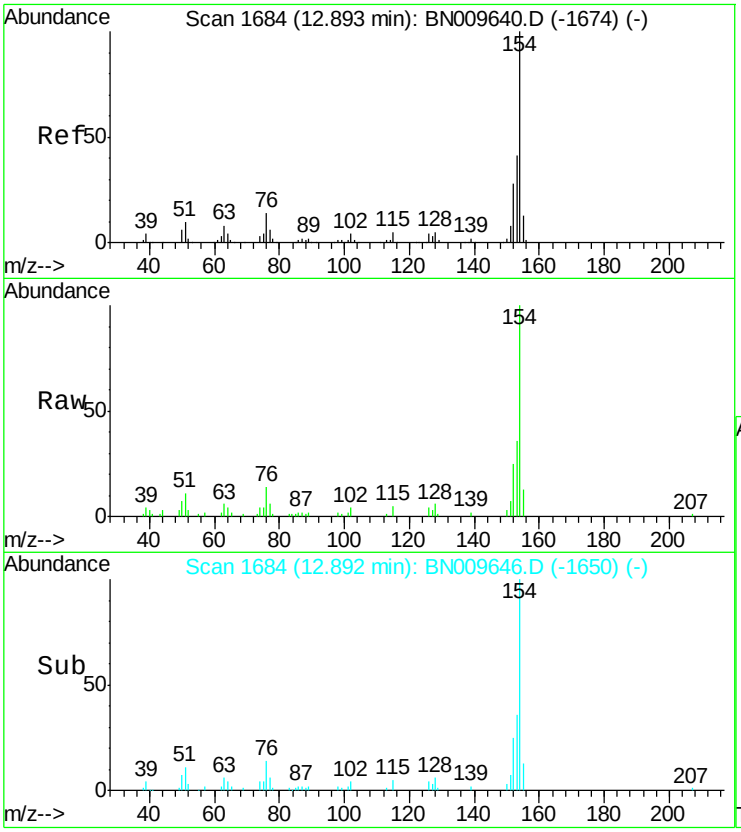


#34
2-Methylnaphthalene
Concen: 11.98 ng/ul
RT: 11.85 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Tgt Ion:142 Resp: 321939

Ion	Ratio	Lower	Upper
142	100		
141	82.4	71.5	107.3



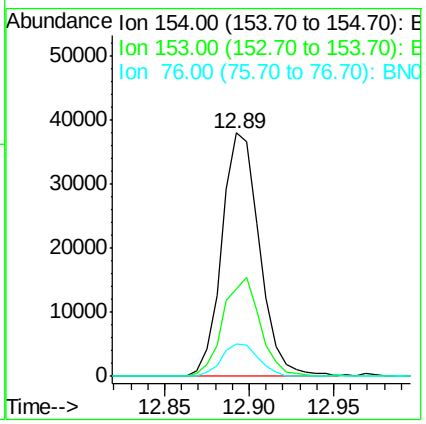


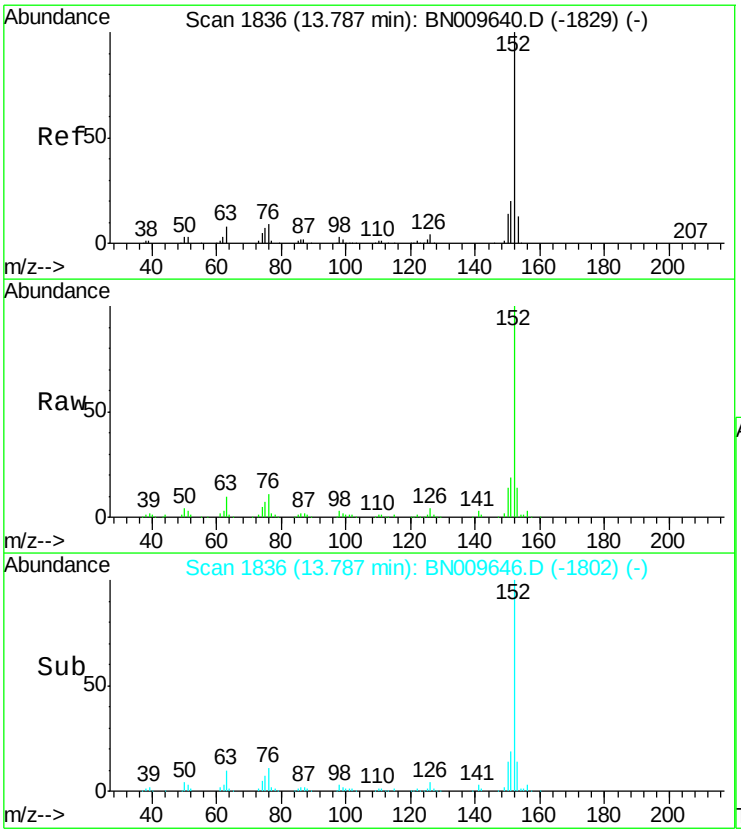
#40
1,1'-Biphenyl
Concen: 1.73 ng/ul
RT: 12.89 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Instrument :
BNA_N
ClientSampleId :
GAT72DL

Tgt Ion:154 Resp: 58911

Ion	Ratio	Lower	Upper
154	100		
153	36.1	31.2	46.8
76	13.5	11.4	17.2

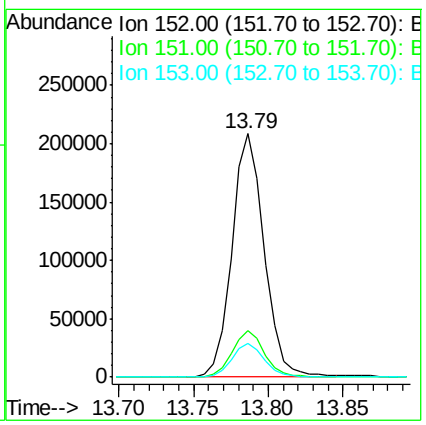


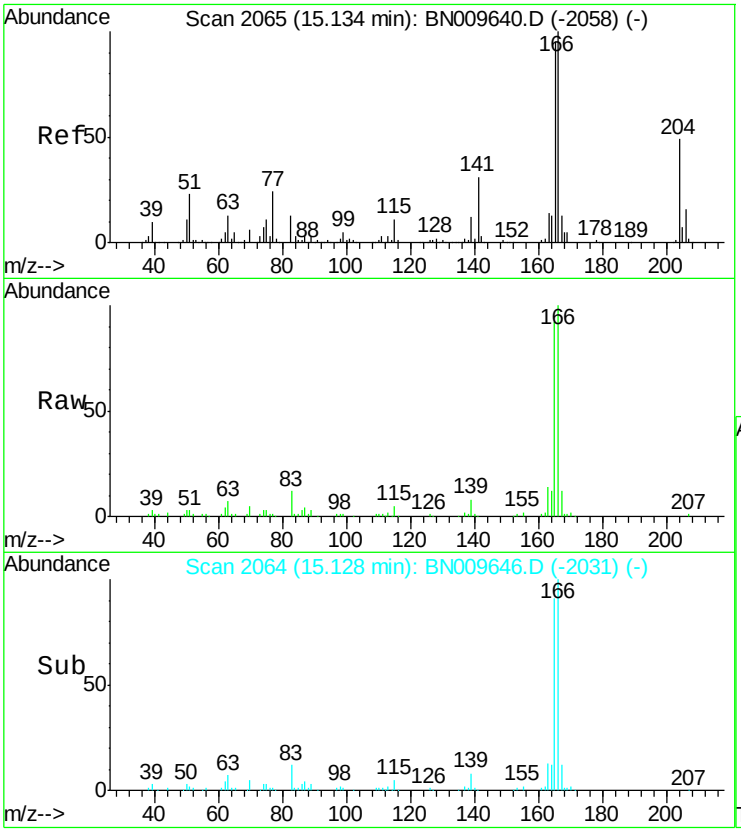


#47
Acenaphthylene
Concen: 7.42 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Tgt Ion:152 Resp: 313672

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.2	24.2
153	14.0	10.6	15.8



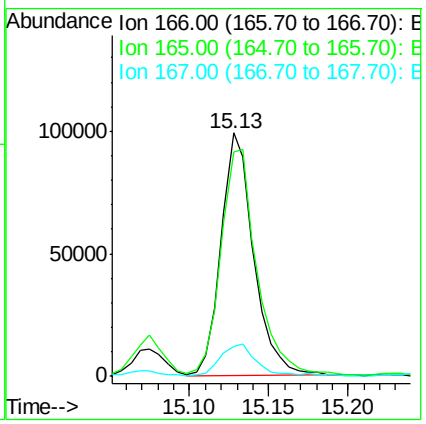


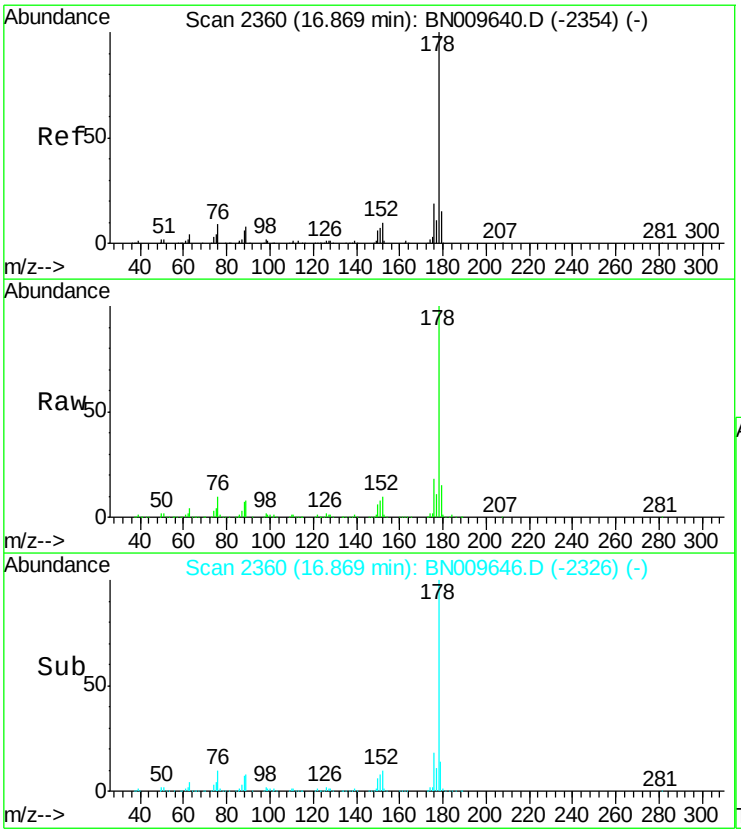
#58
Fluorene
Concen: 4.23 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Instrument :
BNA_N
ClientSampleId :
GAT72DL

Tgt Ion:166 Resp: 141408

Ion	Ratio	Lower	Upper
166	100		
165	92.0	76.7	115.1
167	12.2	11.1	16.7

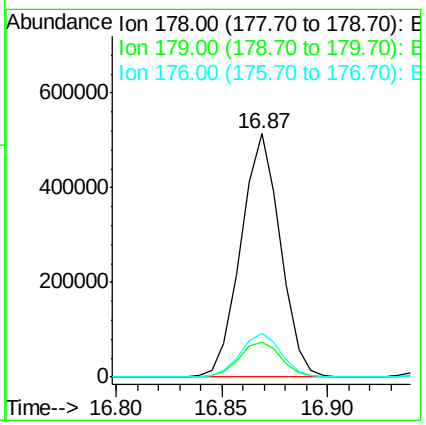


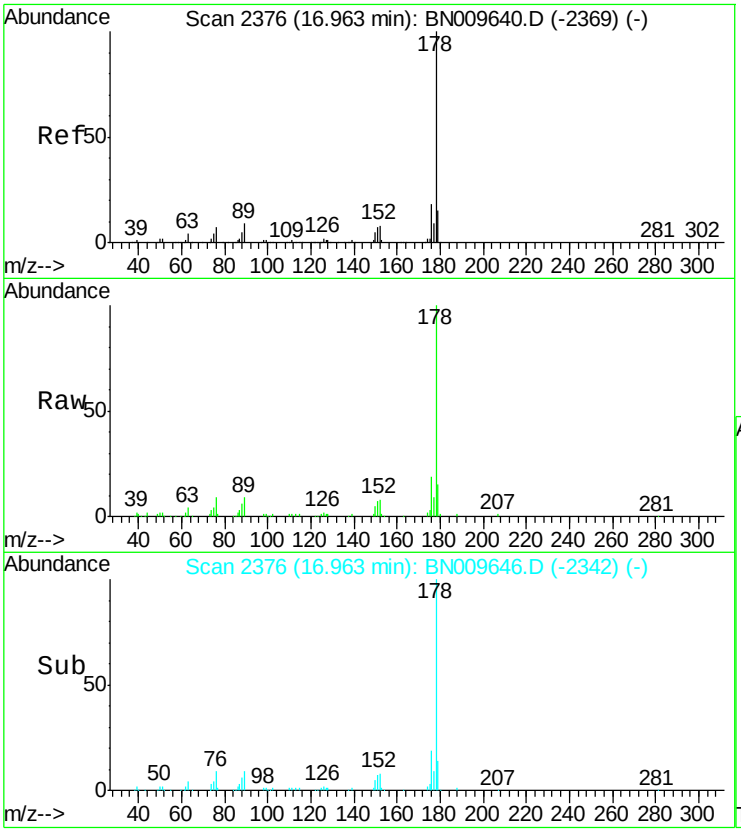


#69
Phenanthrene
Concen: 12.96 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.00 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Tgt Ion:178 Resp: 667863

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.2	18.2
176	18.0	14.8	22.2



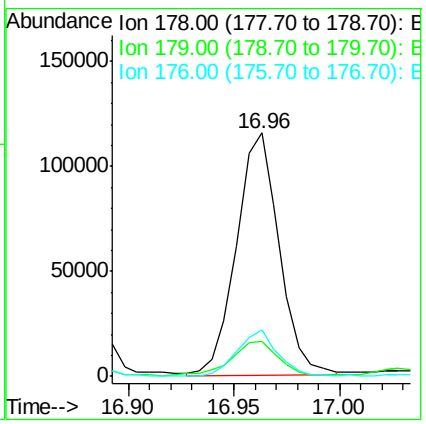


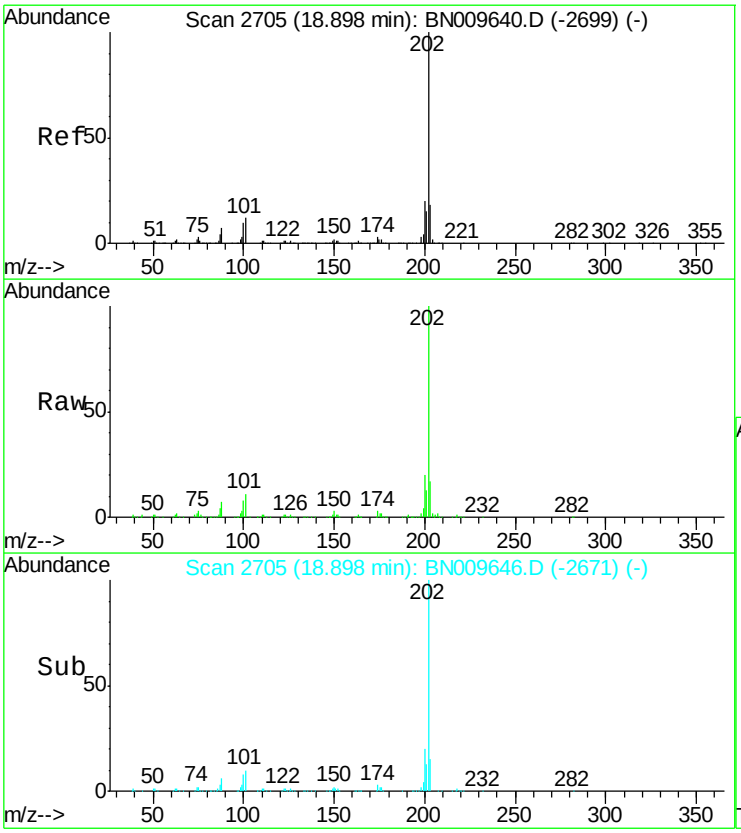
#71
Anthracene
Concen: 3.10 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Instrument :
BNA_N
ClientSampleId :
GAT72DL

Tgt Ion:178 Resp: 161953

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.1	18.1
176	18.9	14.6	21.8

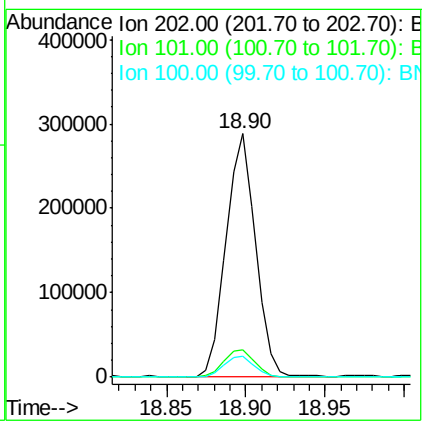


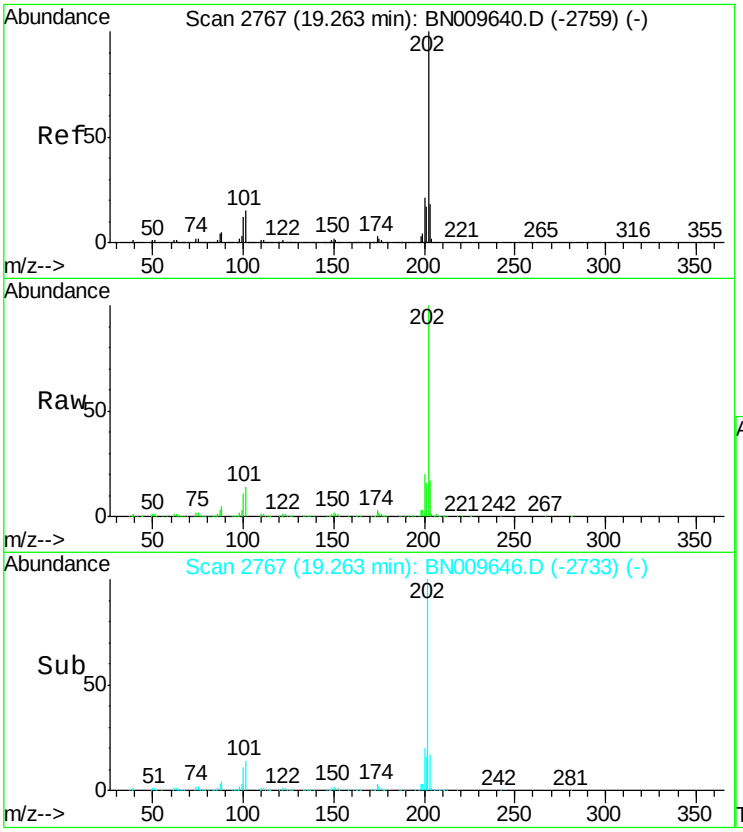


#76
Fluoranthene
Concen: 6.31 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.00 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Tgt Ion:202 Resp: 370983

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.2	13.8
100	8.4	6.9	10.3



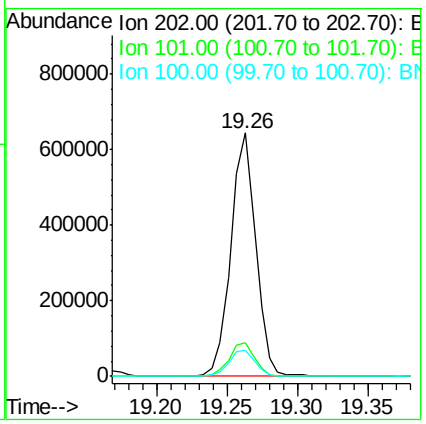


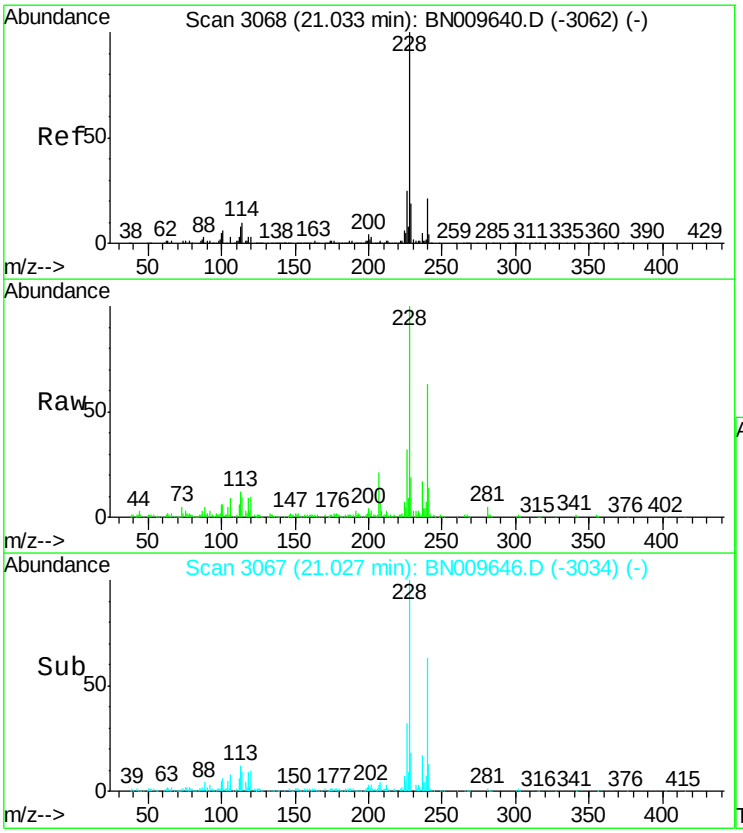
#79
Pyrene
Concen: 13.42 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Instrument :
BNA_N
ClientSampleId :
GAT72DL

Tgt Ion:202 Resp: 793075

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.3	15.5
100	10.8	8.4	12.6

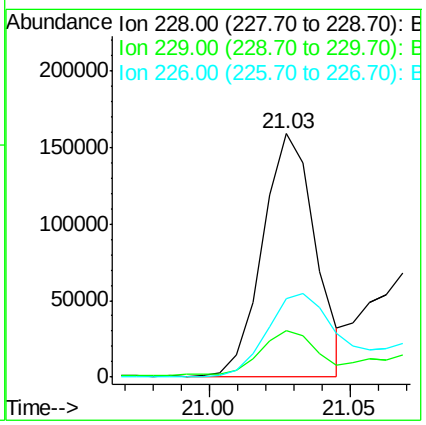


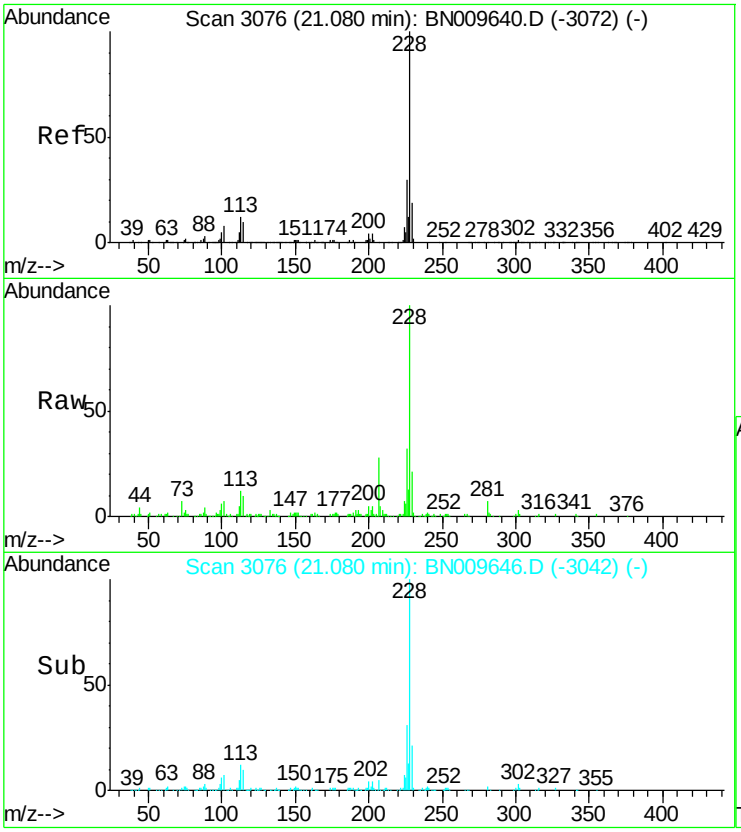


#82
Benzo(a)anthracene
Concen: 3.67 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Tgt Ion:228 Resp: 204902

Ion	Ratio	Lower	Upper
228	100		
229	18.9	15.0	22.4
226	32.2	20.9	31.3#



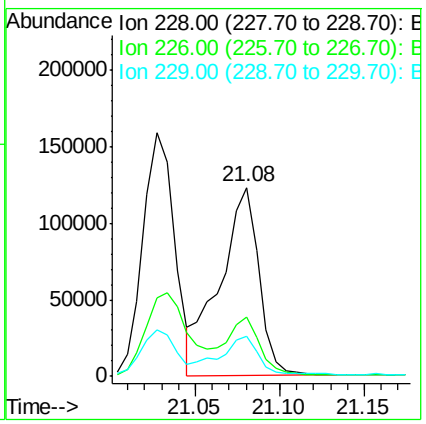


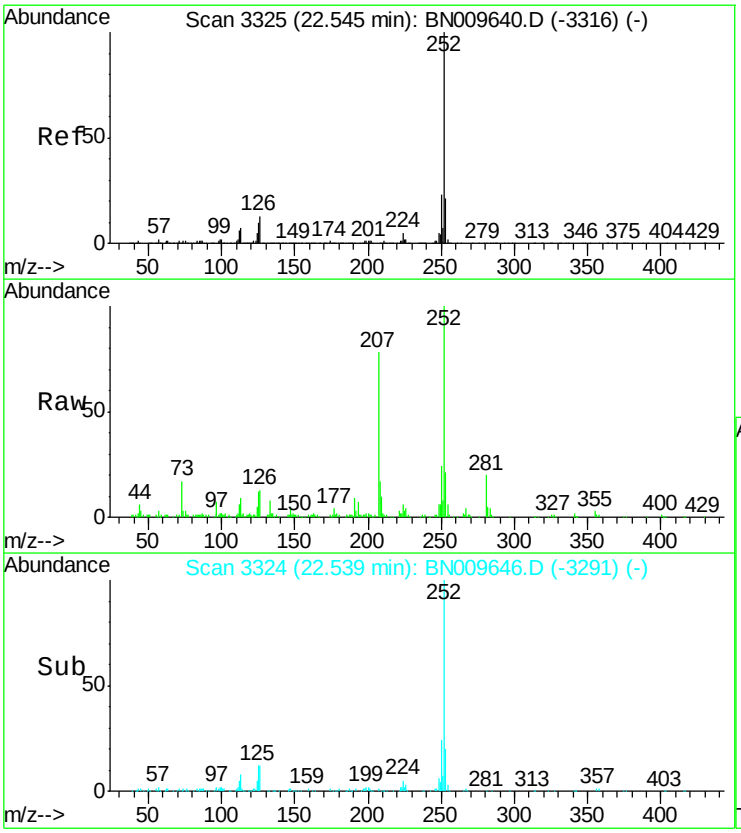
#84
Chrysene
Concen: 3.55 ng/ul
RT: 21.08 min Scan# 3076
Delta R.T. -0.00 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Instrument :
BNA_N
ClientSampleId :
GAT72DL

Tgt Ion:228 Resp: 197487

Ion	Ratio	Lower	Upper
228	100		
226	31.5	23.5	35.3
229	21.5	15.8	23.8

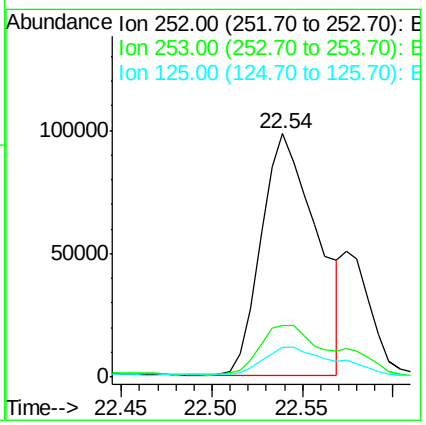


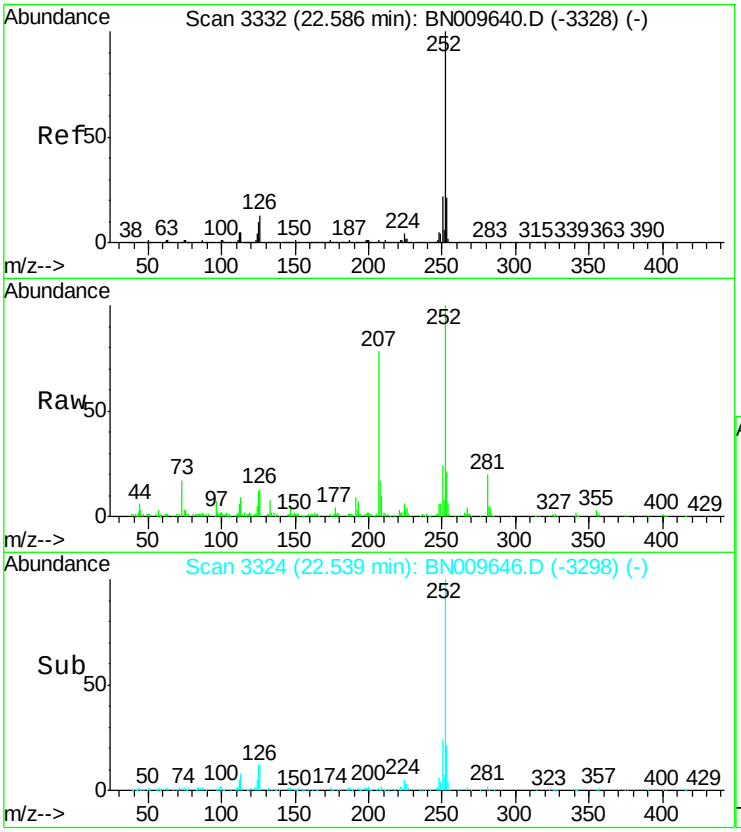


#87
Benzo(b)fluoranthene
Concen: 3.93 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. -0.01 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Tgt Ion:252 Resp: 209563

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.6
125	12.4	8.2	12.2#



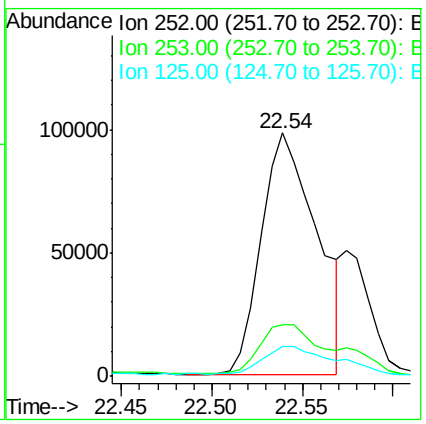


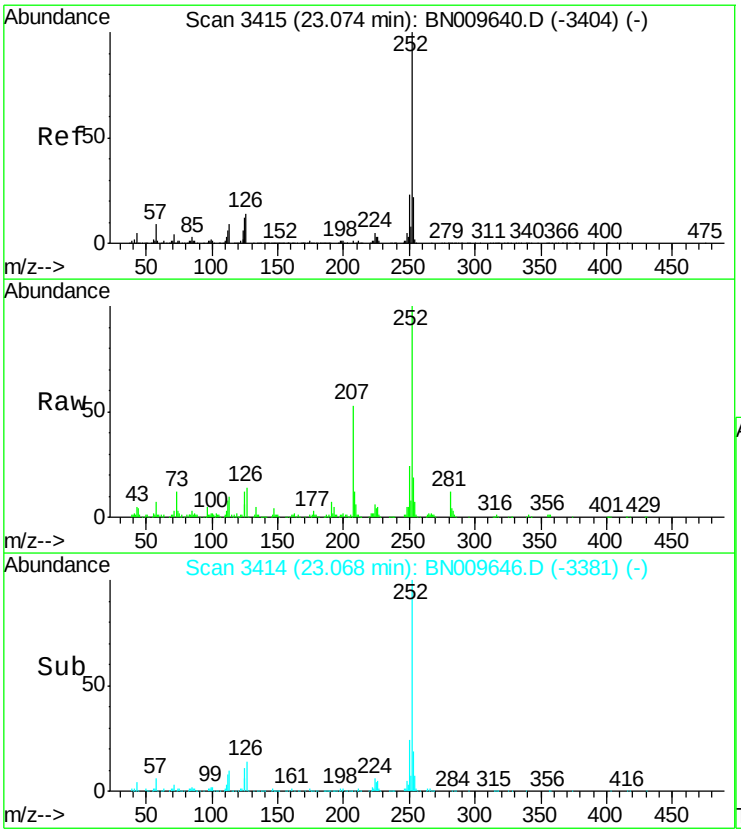
#88
Benzo(k)fluoranthene
Concen: 3.99 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. -0.05 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Instrument :
BNA_N
ClientSampleId :
GAT72DL

Tgt Ion:252 Resp: 209563

Ion	Ratio	Lower	Upper
252	100		
253	21.1	17.0	25.4
125	12.4	8.0	12.0#

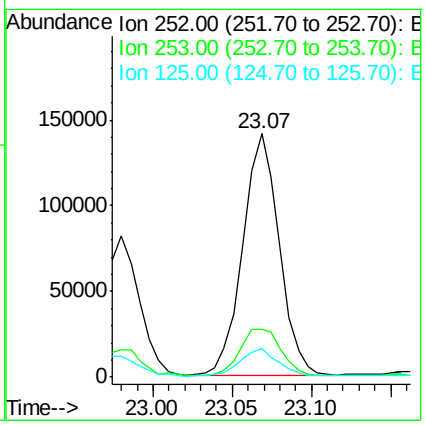


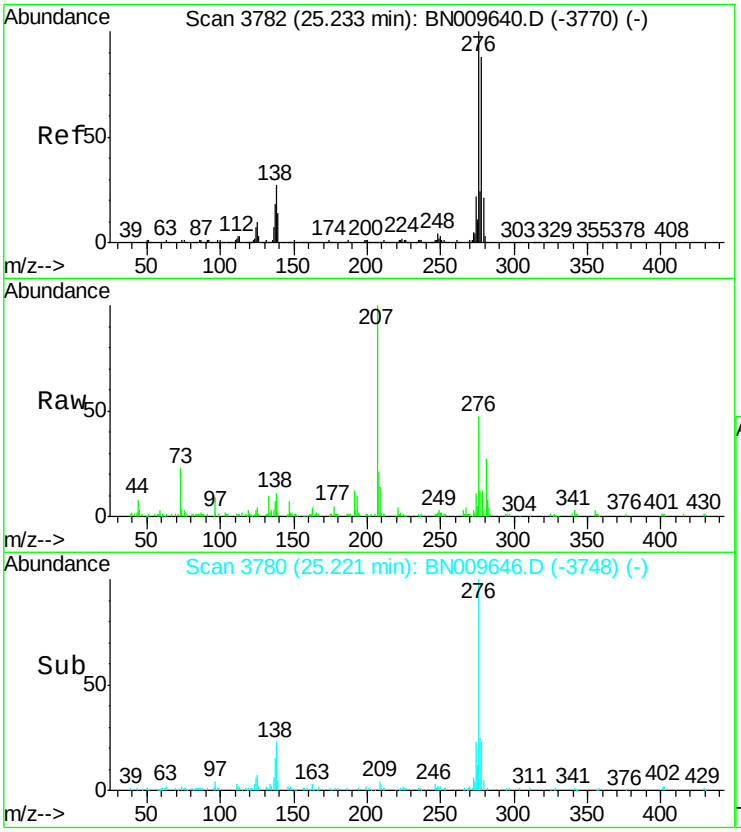


#90
Benzo(a)pyrene
Concen: 4.59 ng/ul
RT: 23.07 min Scan# 3414
Delta R.T. -0.01 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Tgt Ion:252 Resp: 226880

Ion	Ratio	Lower	Upper
252	100		
253	19.5	15.8	23.8
125	11.8	8.7	13.1



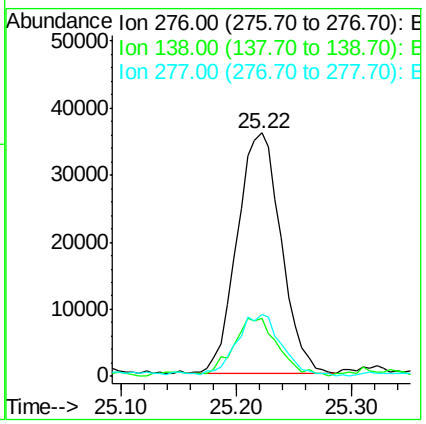


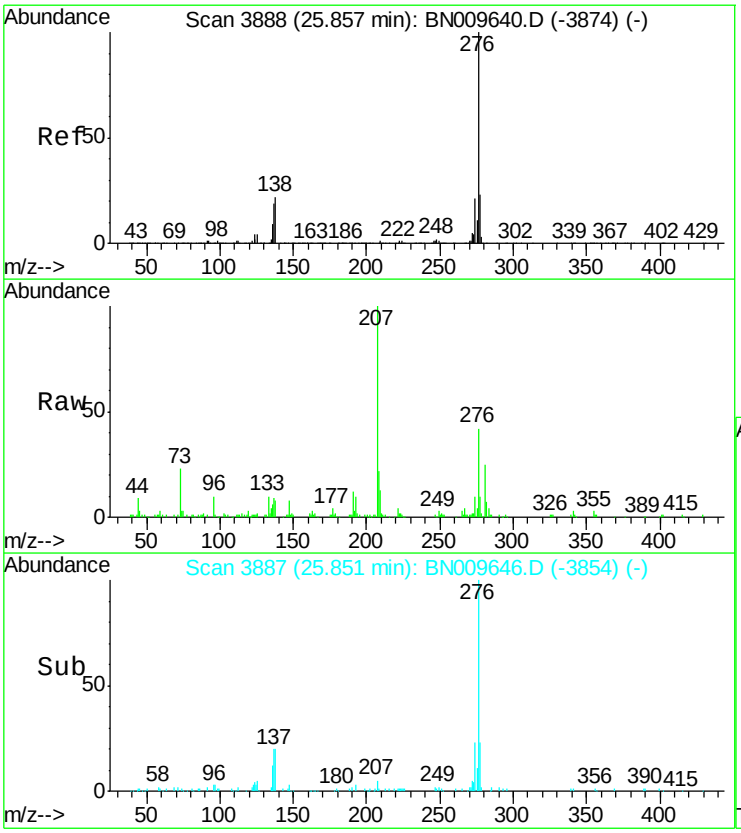
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.61 ng/ul
RT: 25.22 min Scan# 3780
Delta R.T. -0.01 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Instrument :
BNA_N
ClientSampleId :
GAT72DL

Tgt Ion:276 Resp: 94931

Ion	Ratio	Lower	Upper
276	100		
138	24.1	20.3	30.5
277	25.3	21.2	31.8





#93
Benzo(g,h,i)perylene
Concen: 1.94 ng/ul
RT: 25.85 min Scan# 3887
Delta R.T. -0.01 min
Lab File: BN009646.D
Acq: 07 Feb 2020 13:48

Tgt Ion:276 Resp: 95446

Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.0	24.0
277	23.3	17.0	25.6