Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

Quantitation Report (Not Reviewed)

Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL2

Quant Time: Feb 11 01:40:48 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	129160	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	558135	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	354209	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.82	188	742561	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	701406	20.00	ng/ul	-0.01
85) Perylene-d12	23.14	264	709055	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	7098	0.63	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	4859	0.64	ng/ul	0.01
9) 2-Chlorophenol-d4	6.98	132	5360	0.65	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	5059	0.56	ng/ul	0.02
19) Nitrobenzene-d5	8.62	128	107	0.03	ng/ul	0.05
22) 2-Nitrophenol-d4	9.29	143	2584	0.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	4239	0.49	ng/ul	0.02
29) 4-Chloroaniline-d4	10.36	131	3788	0.41	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	21413	0.83	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	24021	0.77	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.07	176	19479	0.86	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	862	0.19	ng/ul	0.03
70) Anthracene-d10	16.92	188	30964	0.92	ng/ul	0.00
78) Pyrene-d10	19.23	212	32533	0.88	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.01	264	31341	0.90	ng/ul	-0.02
Target Compounds						Qvalue
28) Naphthalene	10.23	128	1305578	43.135	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	353300	16.680	ng/ul	99
40) 1,1'-Biphenyl	12.89	154	73664	2.671	ng/ul	95
47) Acenaphthylene	13.78	152	235786	6.896	ng/ul	95
49) Acenaphthene	14.13	153	23264	1.001	ng/ul	94
58) Fluorene	15.13	166	144236	5.332	ng/ul	100
69) Phenanthrene	16.86	178	1154000	27.251	ng/ul	99
71) Anthracene	16.96	178	245668	5.717	ng/ul	100
76) Fluoranthene	18.89	202	491326	10.166	ng/ul	100
79) Pyrene	19.26	202	711818	13.902	ng/ul	97
82) Benzo(a)anthracene	21.02	228	232934	4.810	ng/ul	95
84) Chrysene	21.07	228	203910	4.229	ng/ul	97
87) Benzo(b)fluoranthene	22.53	252	142597	3.214	ng/ul	98
88) Benzo(k)fluoranthene	22.53	252	142597	3.264	ng/ul#	98
90) Benzo(a)pyrene	23.05	252	171517	4.173	ng/ul	93
91) Indeno(1,2,3-cd)pyrene	25.20	276	69501	1.422	ng/ul	98
93) Benzo(g,h,i)perylene	25.83	276	75824	1.851	ng/ul	98

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

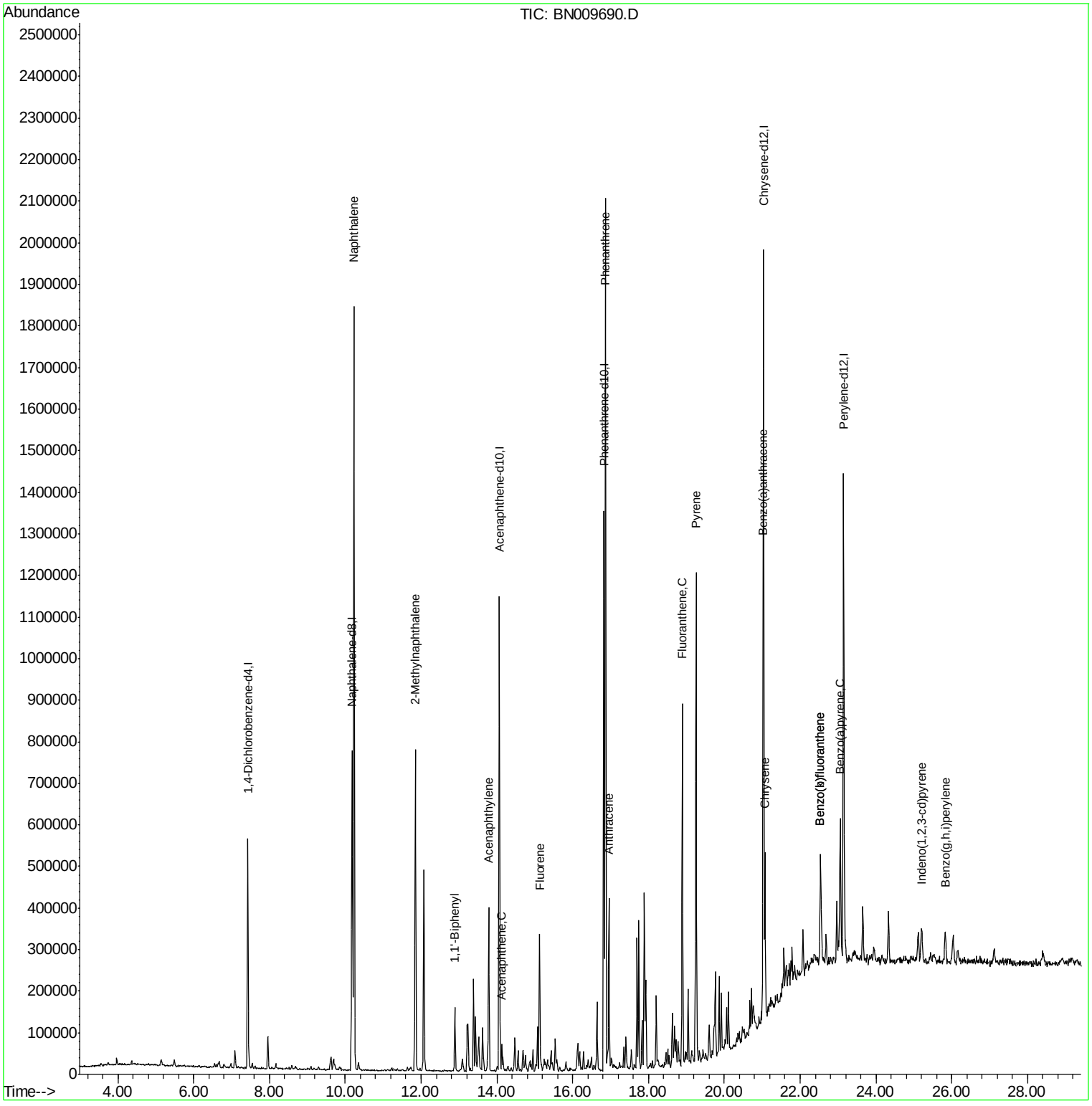
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

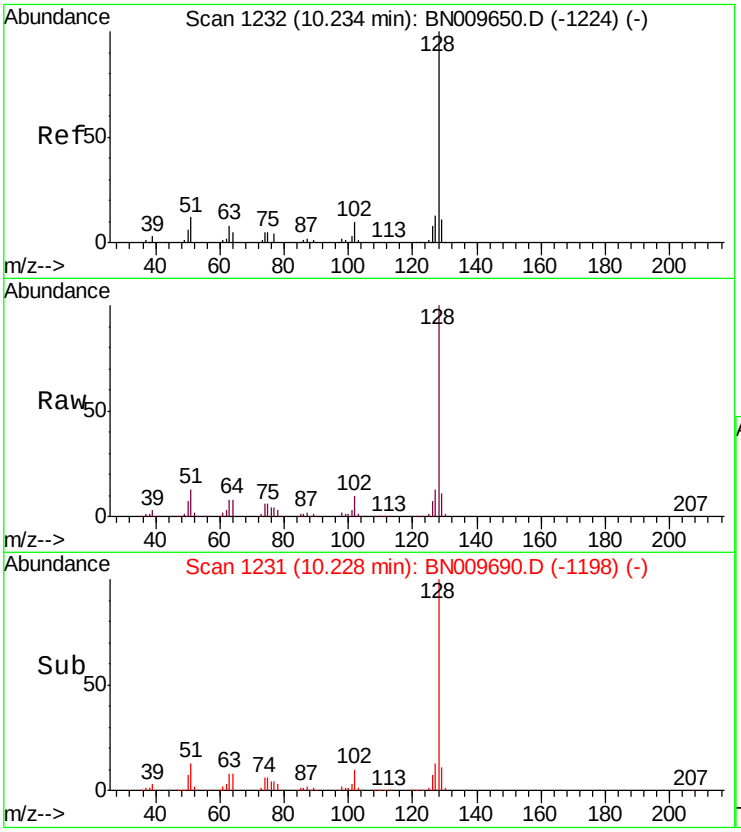
Quantitation Report (Not Reviewed)

Data File : BN009690.D
Acq On : 10 Feb 2020 18:00
Operator : CG/JU
Sample : L1324-03DL2 20X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60DL2

Quant Time: Feb 11 01:40:48 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



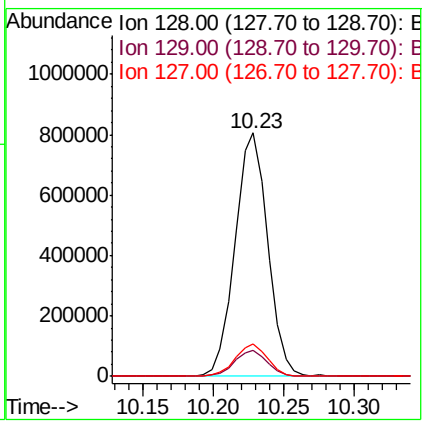


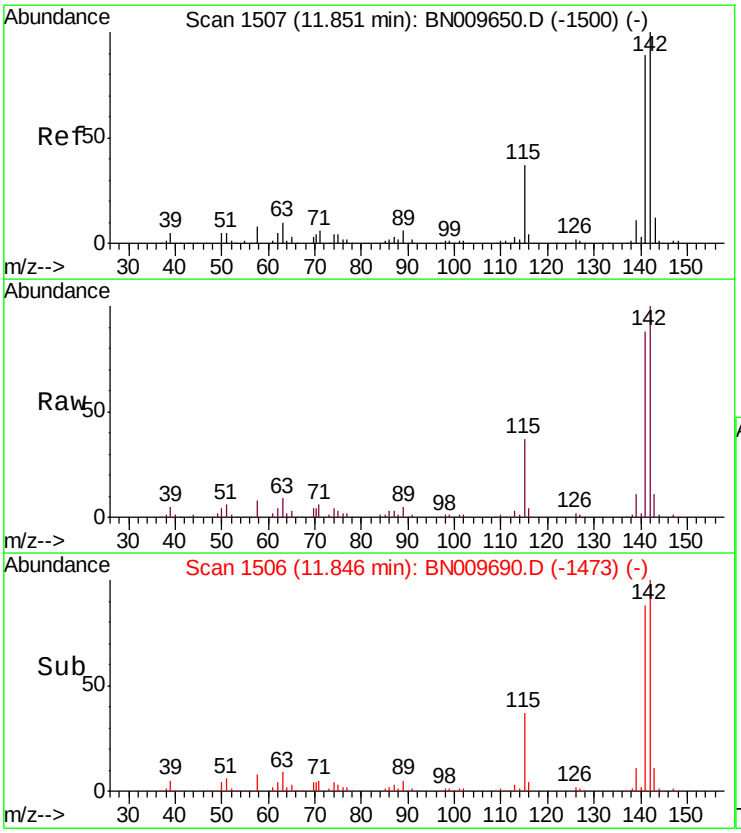
#28
Naphthalene
Concen: 43.135 ng/ul
RT: 10.23 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Instrument :
BNA_N
ClientSampleId :
GAT60DL2

Tgt Ion:128 Resp: 1305578

Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.1	10.7	16.1

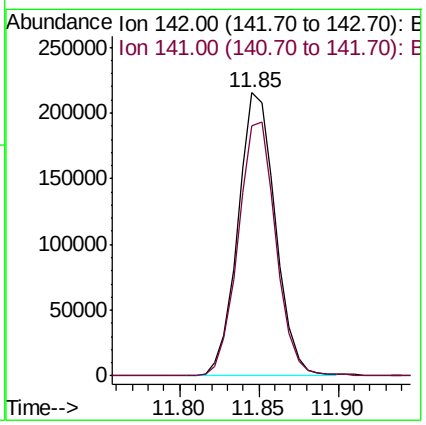


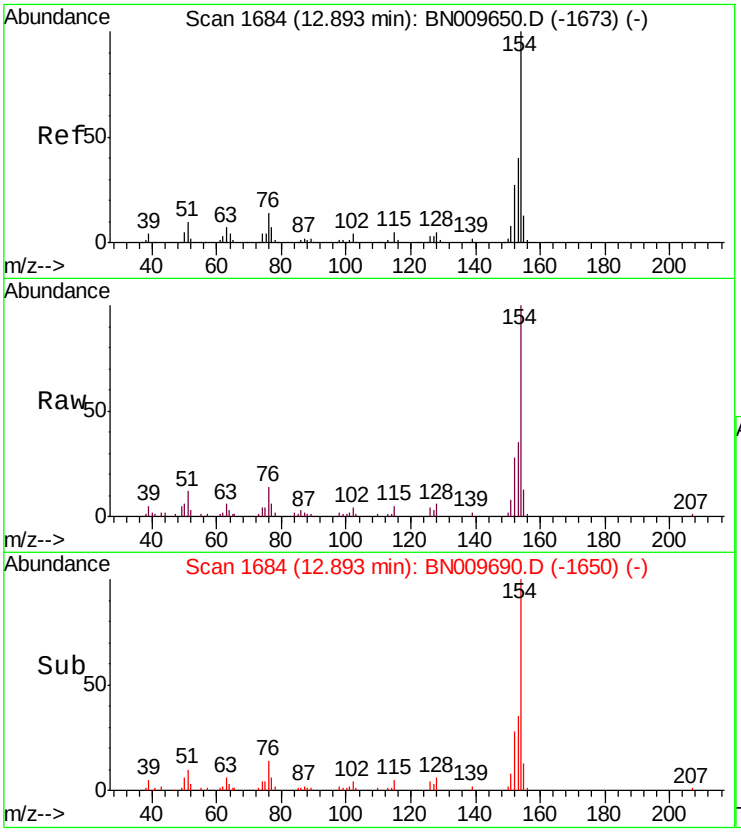


#34
2-Methylnaphthalene
Concen: 16.680 ng/ul
RT: 11.85 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Tgt Ion:142 Resp: 353300

Ion	Ratio	Lower	Upper
142	100		
141	88.5	71.5	107.3



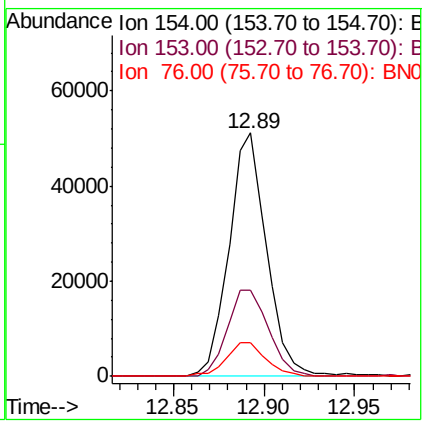


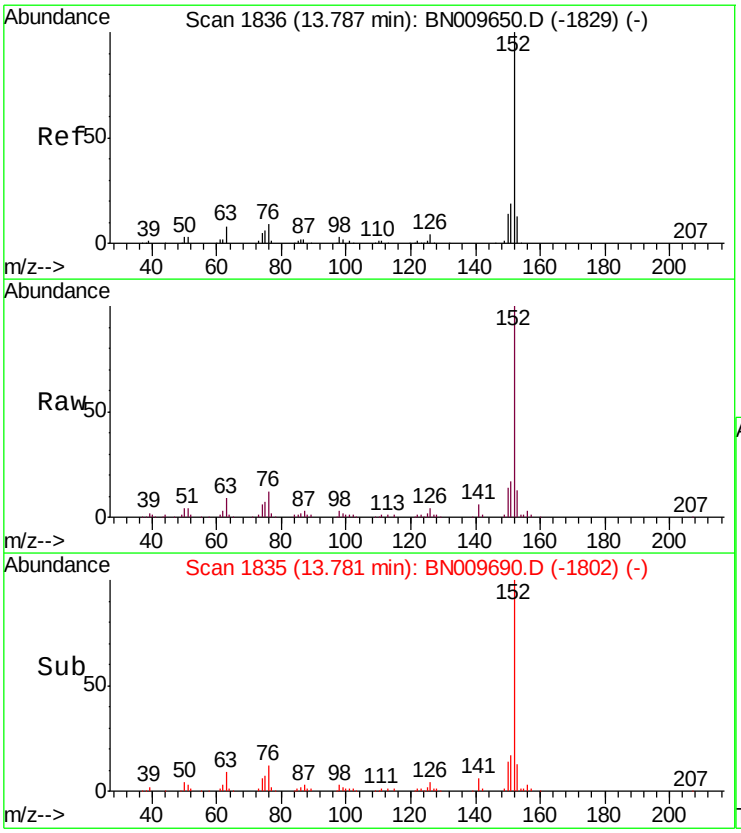
#40
1,1'-Biphenyl
Concen: 2.671 ng/ul
RT: 12.89 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Instrument :
BNA_N
ClientSampleId :
GAT60DL2

Tgt Ion:154 Resp: 73664

Ion	Ratio	Lower	Upper
154	100		
153	35.5	31.2	46.8
76	13.6	11.4	17.2

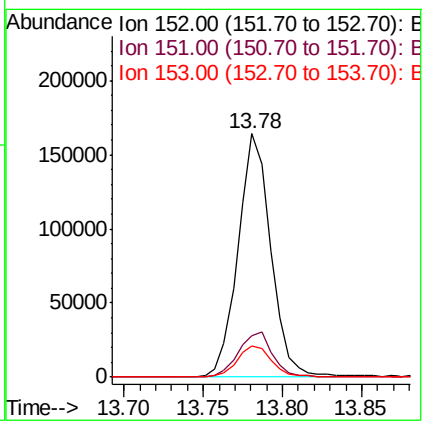


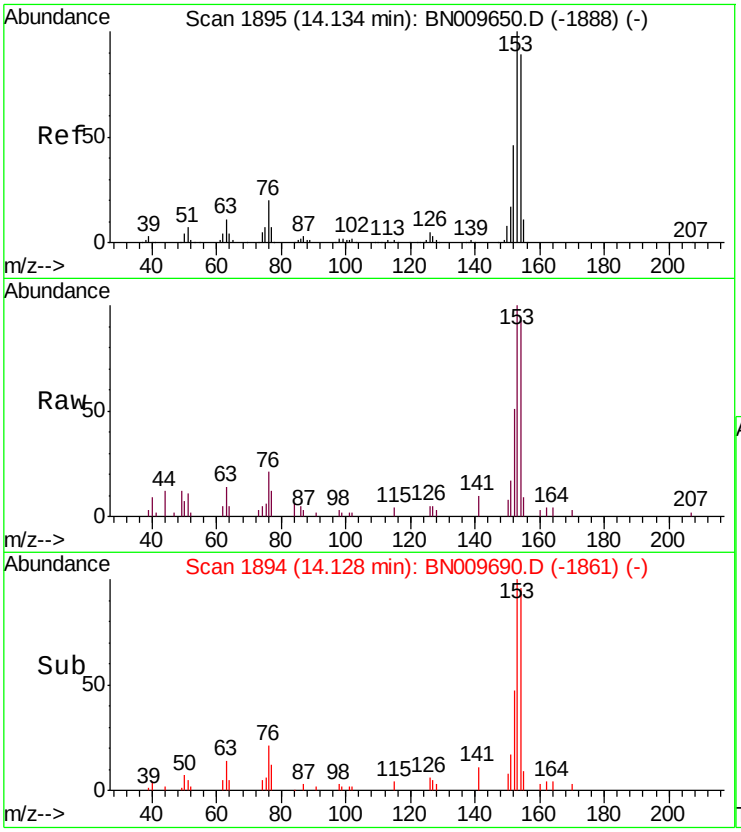


#47
Acenaphthylene
Concen: 6.896 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Tgt Ion:152 Resp: 235786

Ion	Ratio	Lower	Upper
152	100		
151	16.7	16.2	24.2
153	13.0	10.6	15.8



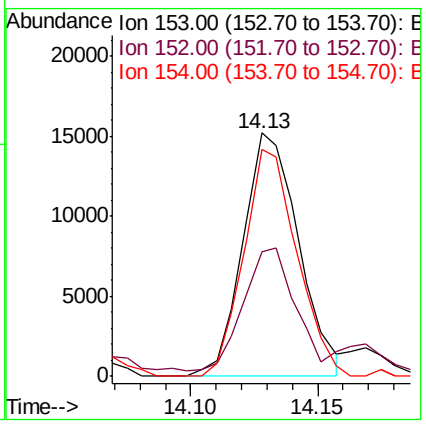


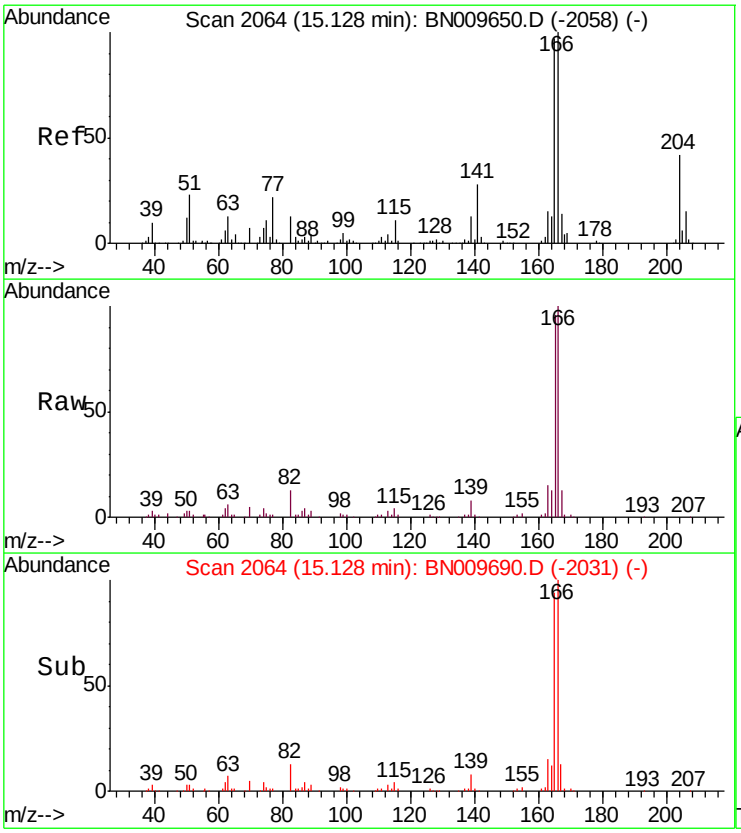
#49
Acenaphthene
Concen: 1.001 ng/ul
RT: 14.13 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Instrument :
BNA_N
ClientSampleId :
GAT60DL2

Tgt Ion:153 Resp: 23264

Ion	Ratio	Lower	Upper
153	100		
152	51.0	37.3	55.9
154	93.5	70.2	105.2

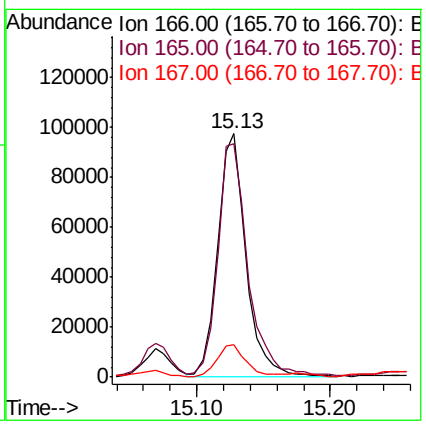


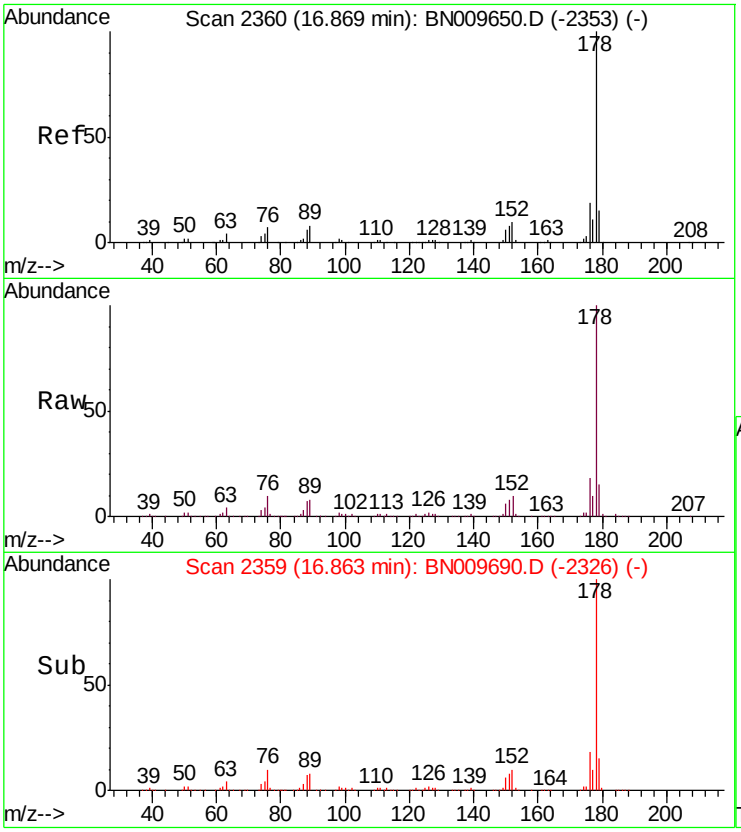


#58
Fluorene
Concen: 5.332 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Tgt Ion:166 Resp: 144236

Ion	Ratio	Lower	Upper
166	100		
165	96.1	76.7	115.1
167	13.1	11.1	16.7



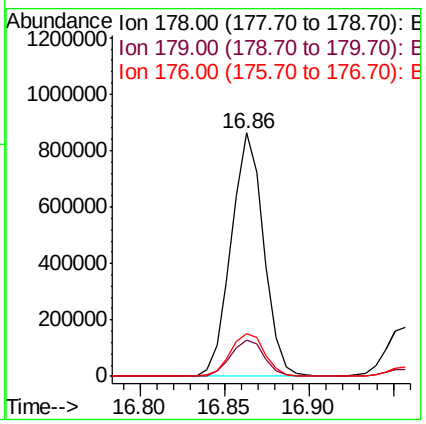


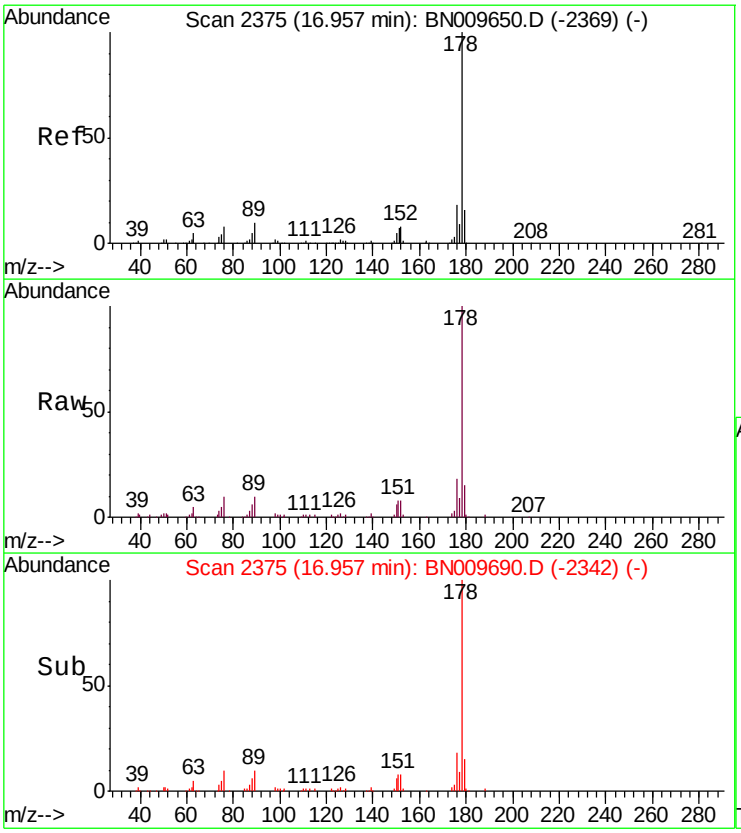
#69
Phenanthrene
Concen: 27.251 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Instrument :
BNA_N
ClientSampleId :
GAT60DL2

Tgt Ion:178 Resp: 1154000

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	17.8	14.8	22.2

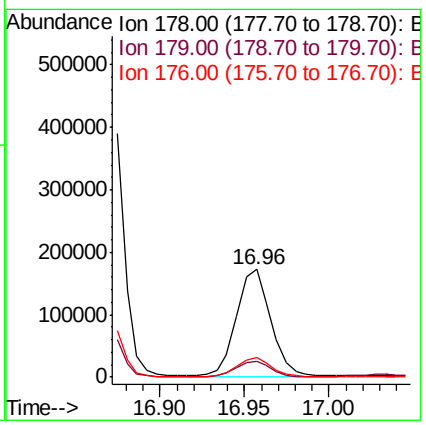


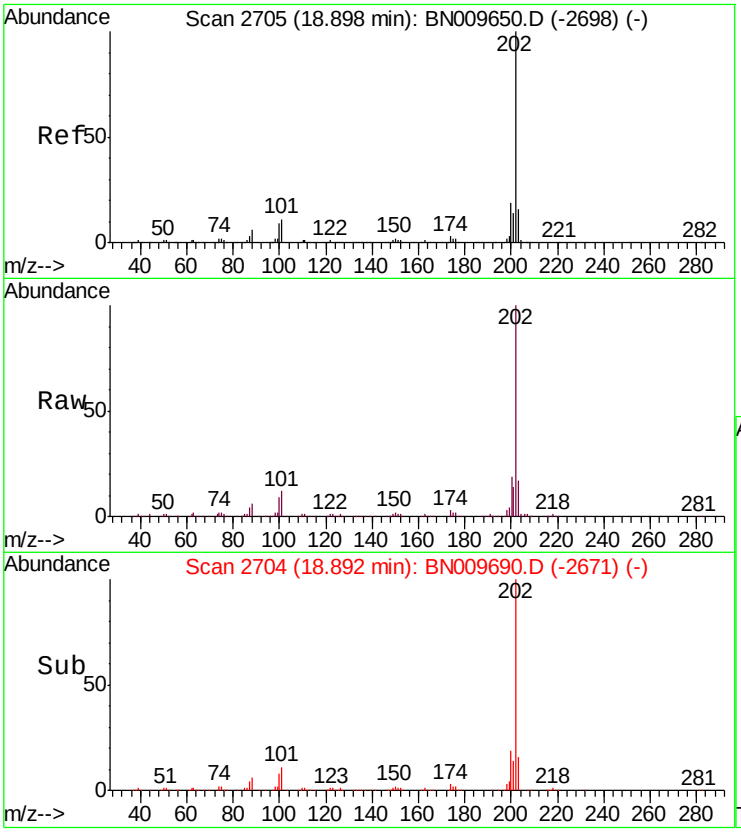


#71
Anthracene
Concen: 5.717 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Tgt Ion:178 Resp: 245668

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	18.1	14.6	21.8



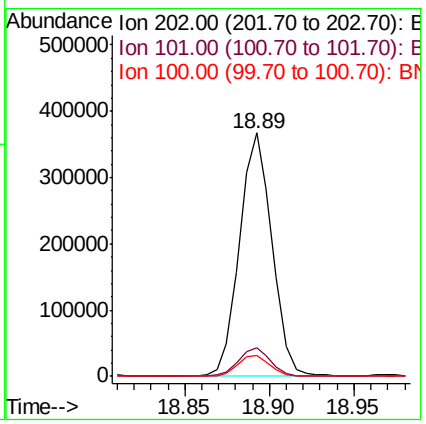


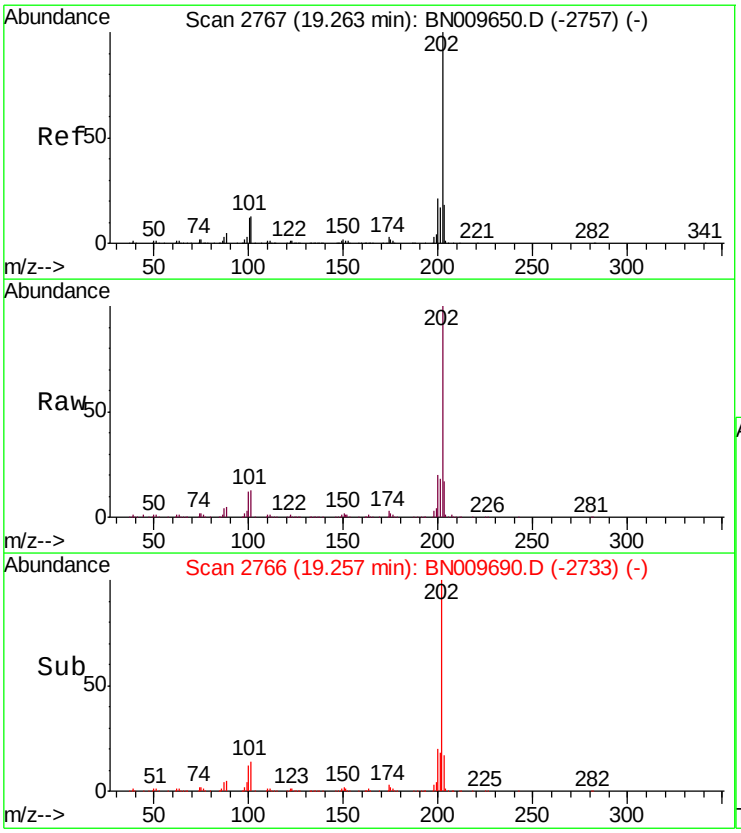
#76
Fluoranthene
Concen: 10.166 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. -0.01 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Instrument :
BNA_N
ClientSampleId :
GAT60DL2

Tgt Ion:202 Resp: 491326

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.2	13.8
100	8.6	6.9	10.3

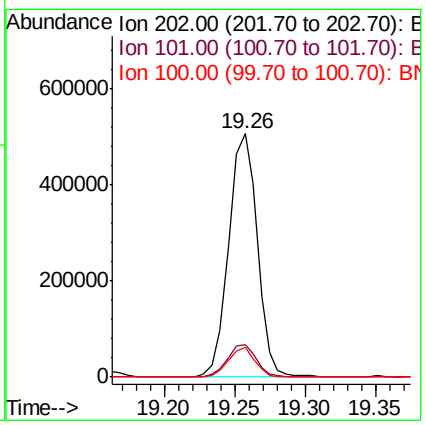


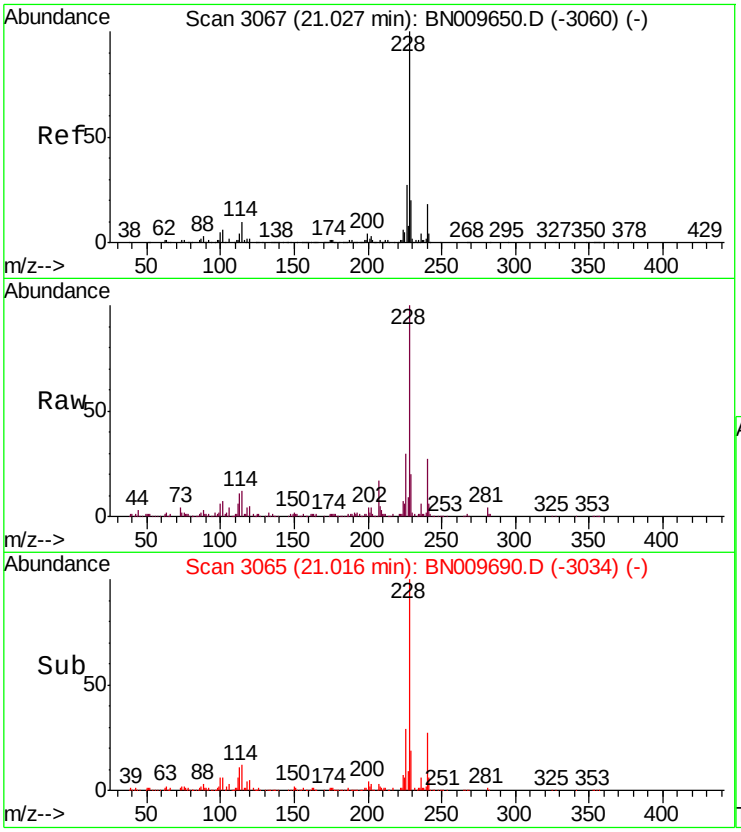


#79
Pyrene
Concen: 13.902 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Tgt Ion:202 Resp: 711818

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.3	15.5
100	12.1	8.4	12.6



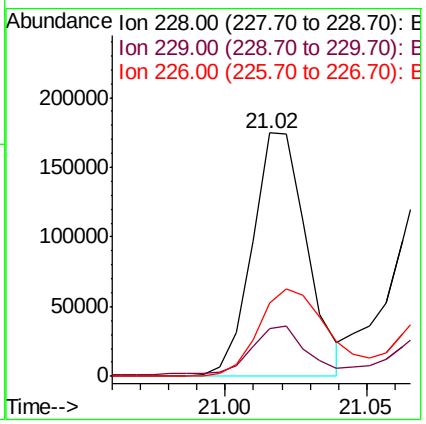


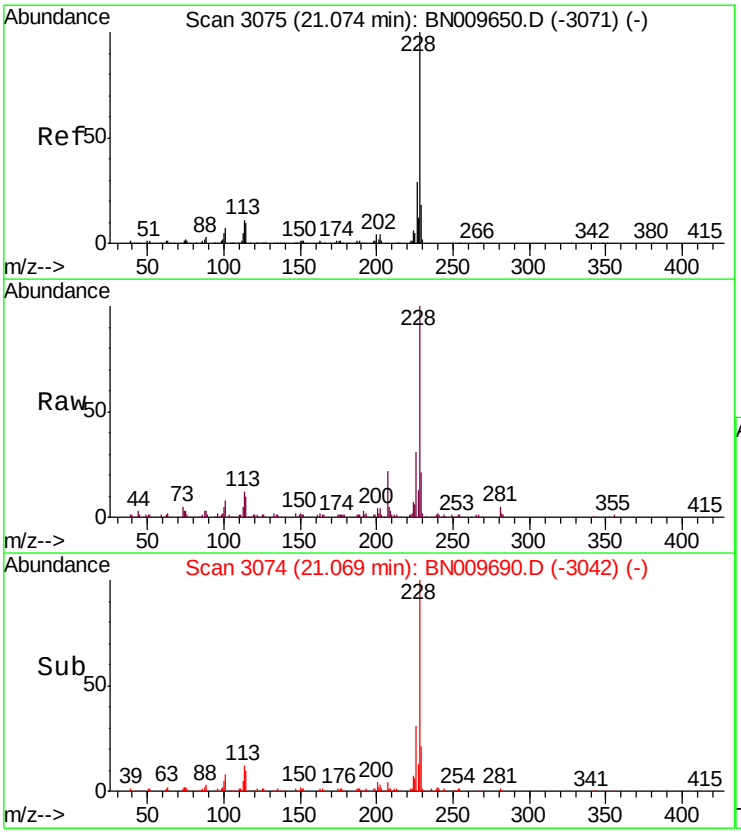
#82
Benzo(a)anthracene
Concen: 4.810 ng/ul
RT: 21.02 min Scan# 3065
Delta R.T. -0.02 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Instrument :
BNA_N
ClientSampleId :
GAT60DL2

Tgt Ion:228 Resp: 232934

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.0	22.4
226	30.0	20.9	31.3

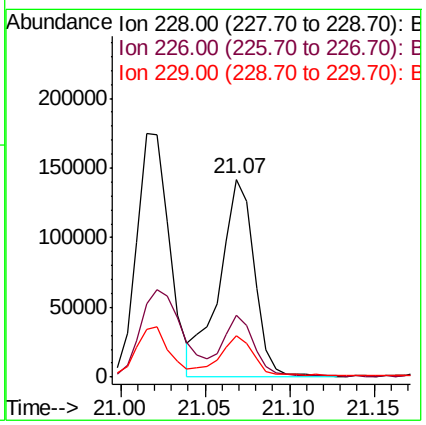


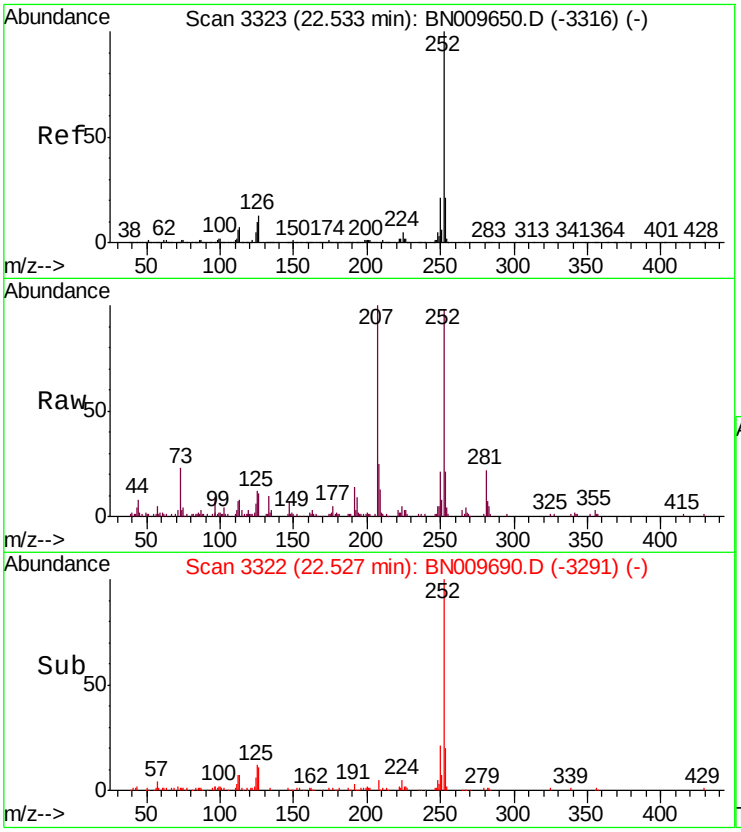


#84
Chrysene
Concen: 4.229 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Tgt Ion:228 Resp: 203910

Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.5	35.3
229	20.9	15.8	23.8



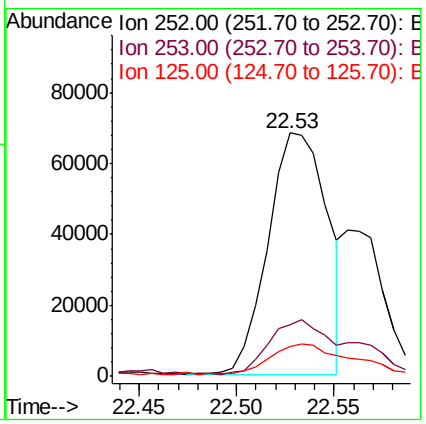


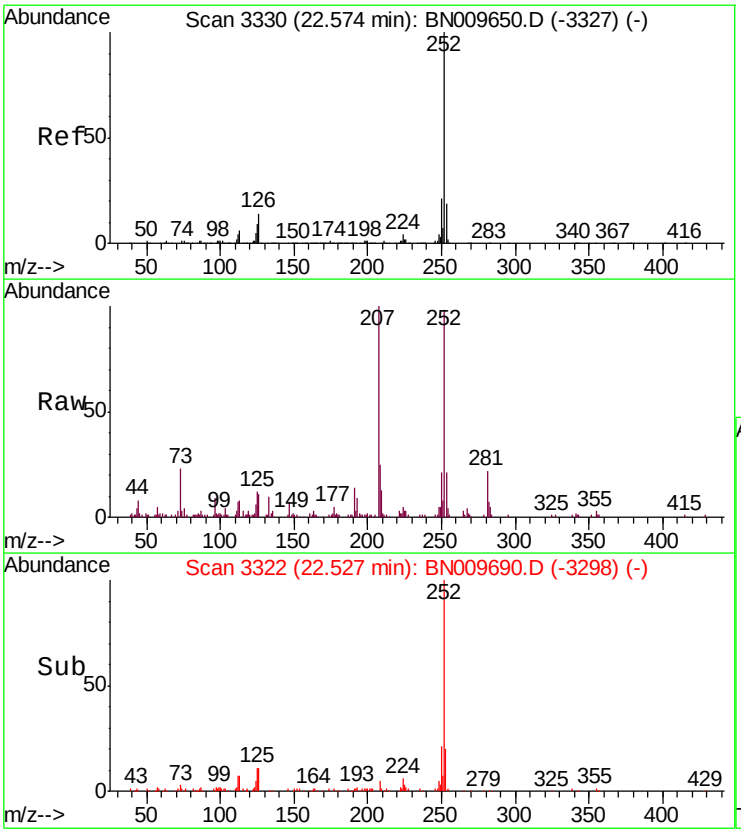
#87
Benzo(b)fluoranthene
Concen: 3.214 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.02 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Instrument :
BNA_N
ClientSampleId :
GAT60DL2

Tgt Ion:252 Resp: 142597

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.6
125	12.2	8.2	12.2

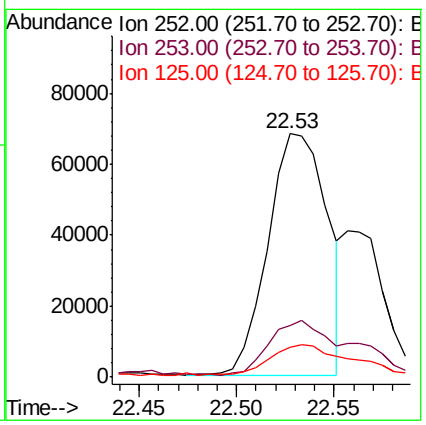


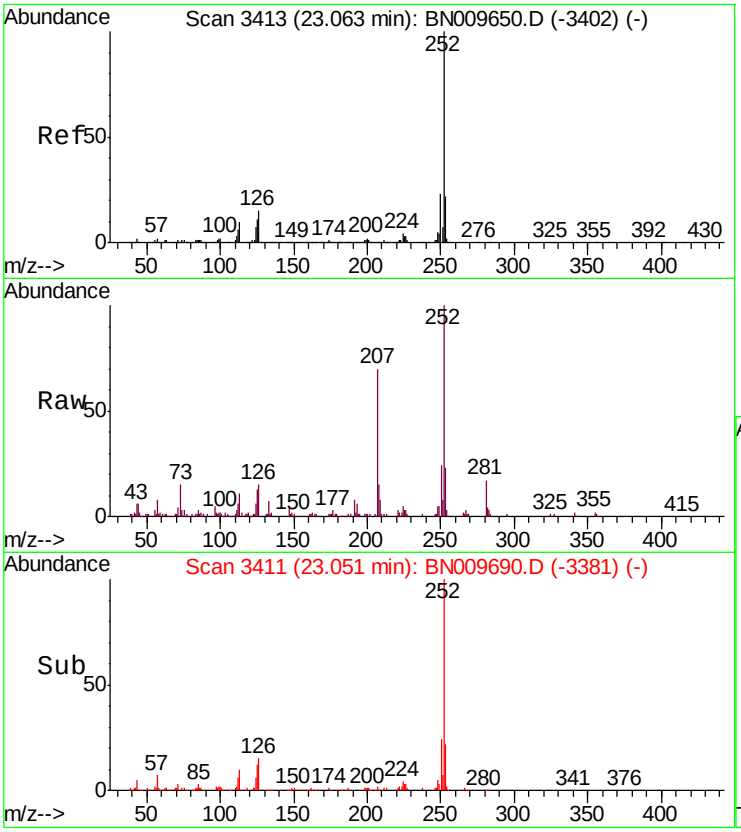


#88
Benzo(k)fluoranthene
Concen: 3.264 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.06 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Tgt Ion:252 Resp: 142597

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.0	25.4
125	12.2	8.0	12.0#



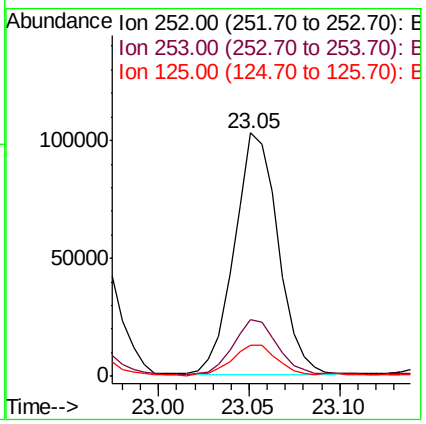


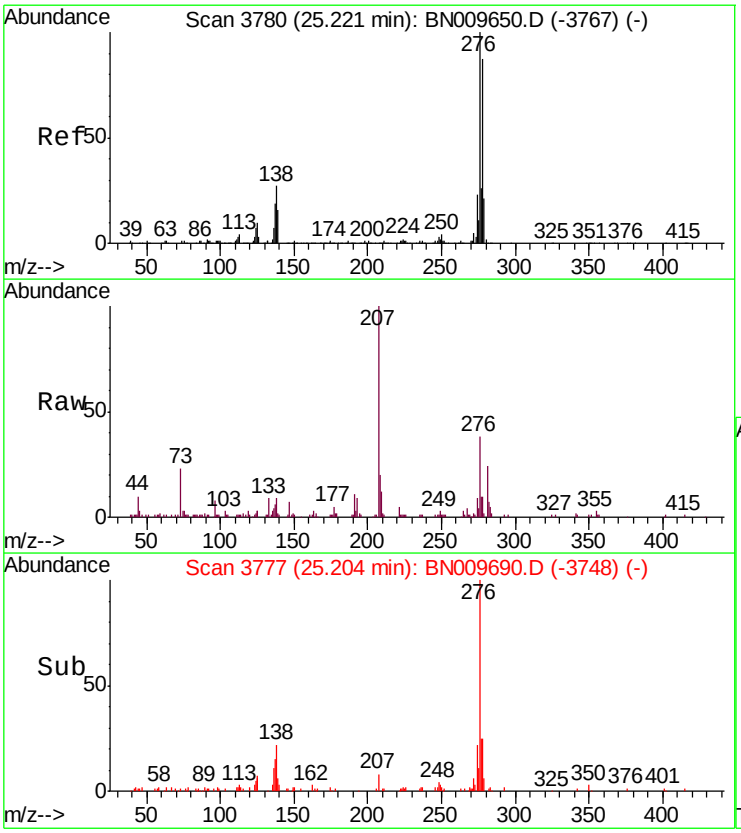
#90
Benzo(a)pyrene
Concen: 4.173 ng/ul
RT: 23.05 min Scan# 3411
Delta R.T. -0.02 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Instrument :
BNA_N
ClientSampleId :
GAT60DL2

Tgt Ion:252 Resp: 171517

Ion	Ratio	Lower	Upper
252	100		
253	23.2	15.8	23.8
125	12.7	8.7	13.1

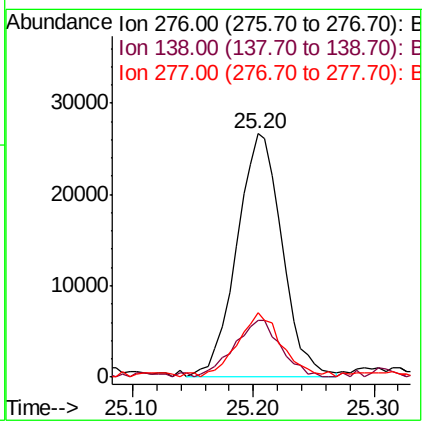


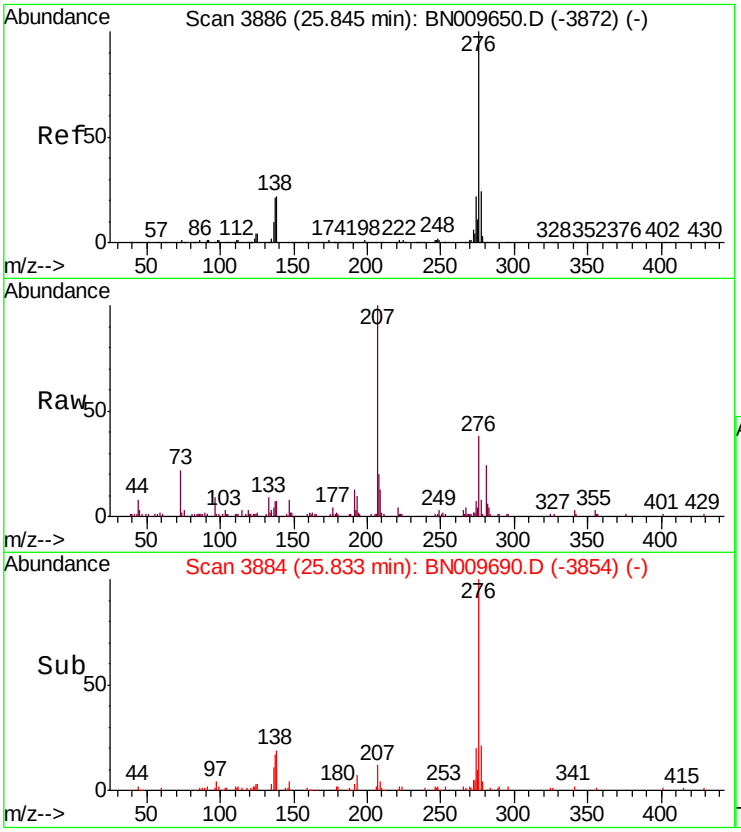


#91
Indeno(1,2,3-cd)pyrene
Concen: 1.422 ng/ul
RT: 25.20 min Scan# 3777
Delta R.T. -0.03 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Tgt Ion:276 Resp: 69501

Ion	Ratio	Lower	Upper
276	100		
138	23.1	20.3	30.5
277	26.5	21.2	31.8





#93
Benzo(g,h,i)perylene
Concen: 1.851 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.02 min
Lab File: BN009690.D
Acq: 10 Feb 2020 18:00

Instrument :
BNA_N
ClientSampleId :
GAT60DL2

Tgt Ion:276 Resp: 75824

Ion	Ratio	Lower	Upper
276	100		
138	18.4	16.0	24.0
277	21.1	17.0	25.6