Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009638.D
Acq On : 07 Feb 2020 08:59
Operator : CG/JU
Sample : L1324-18 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT73

Quant Time: Feb 07 11:17:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	192779	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	819967	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	494061	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	975939	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	831329	20.00	ng/ul	0.01
85) Perylene-d12	23.16	264	968250	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	539	0.11	ng/uL	0.01
5) Phenol-d5	6.64	99	23051	1.37	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	14818	1.31	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	18222	1.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	18225	1.36	ng/ul	0.01
19) Nitrobenzene-d5	8.59	128	8249	1.35	ng/ul	0.01
22) 2-Nitrophenol-d4	9.29	143	8997	1.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	17302	1.36	ng/ul	0.02
29) 4-Chloroaniline-d4	10.36	131	6031	0.44	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	59503	1.65	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	71869	1.65	ng/ul	0.00
51) 4-Nitrophenol-d4	14.29	143	314	0.05	ng/ul	-0.02
57) Fluorene-d10	15.07	176	53405	1.68	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	4695	0.77	ng/ul	0.01
70) Anthracene-d10	16.92	188	83173	1.88	ng/ul	0.00
78) Pyrene-d10	19.24	212	84149	1.93	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	83733	1.76	ng/ul	0.01
Target Compounds						Qvalue
47) Acenaphthylene	13.79	152	1422614	29.83	ng/ul	98
49) Acenaphthene	14.13	153	93139	2.87	ng/ul	93
58) Fluorene	15.15	166	132354	3.51	ng/ul#	50
69) Phenanthrene	16.87	178	955339	17.16	ng/ul	98
71) Anthracene	16.96	178	744374	13.18	ng/ul	100
76) Fluoranthene	18.91	202	6966537	109.67	ng/ul	98
79) Pyrene	19.28	202	11202083	184.59	ng/ul	95
82) Benzo(a)anthracene	21.09	228	3370169	58.71	ng/ul	95
84) Chrysene	21.09	228	3371864	59.01	ng/ul	99
87) Benzo(b)fluoranthene	22.56	252	2847042	47.00	ng/ul	98
88) Benzo(k)fluoranthene	22.56	252	2847042	47.72	ng/ul	97
90) Benzo(a)pyrene	23.08	252	1805780	32.17	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.24	276	1372174	20.56	ng/ul	95
92) Dibenzo(a,h)anthracene	25.24	278	437211	7.78	ng/ul#	82
93) Benzo(g,h,i)perylene	25.87	276	1381912	24.71	ng/ul	97

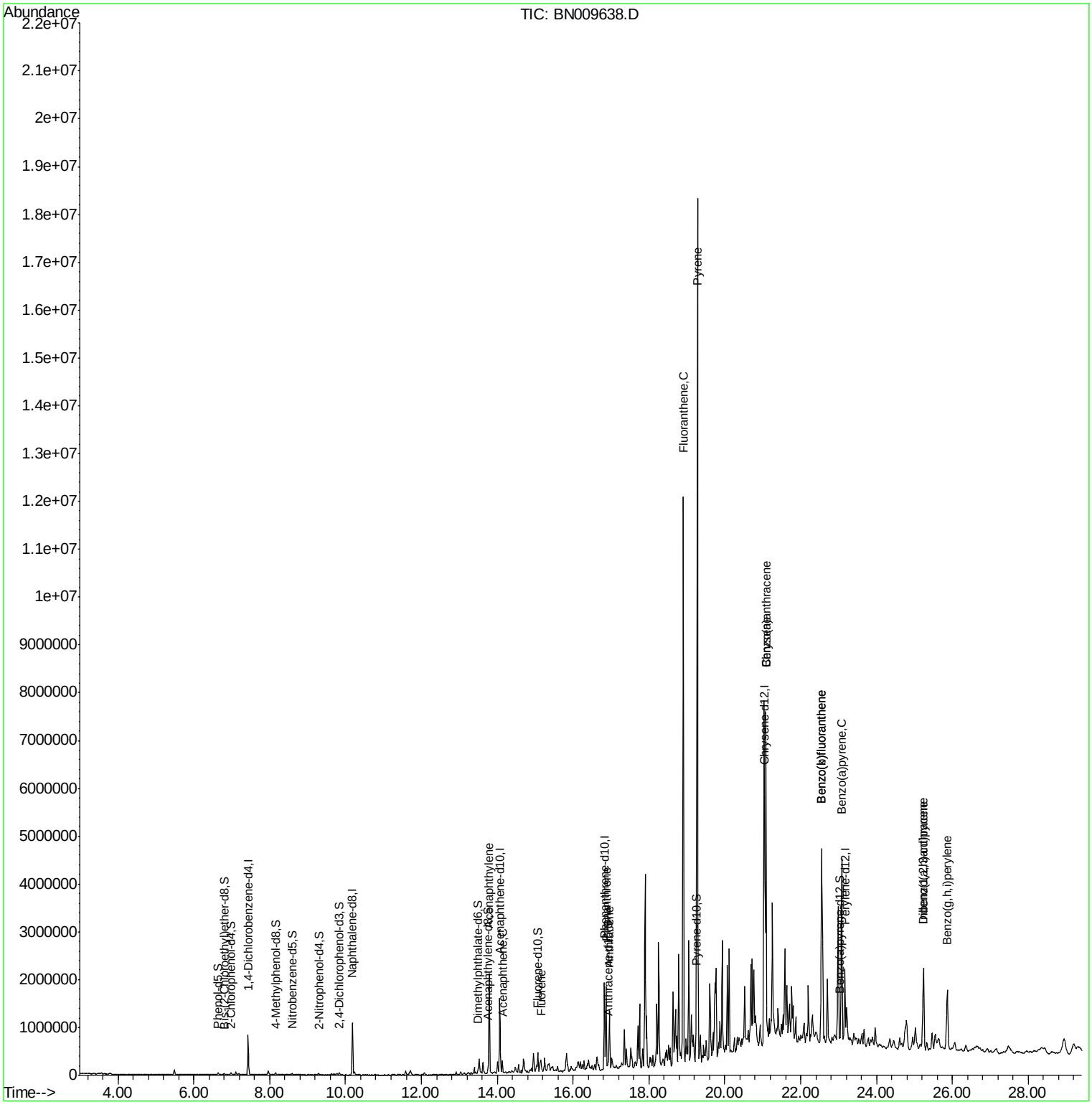
(#) = qualifier out of range (m) = manual integration (+) = signals summed

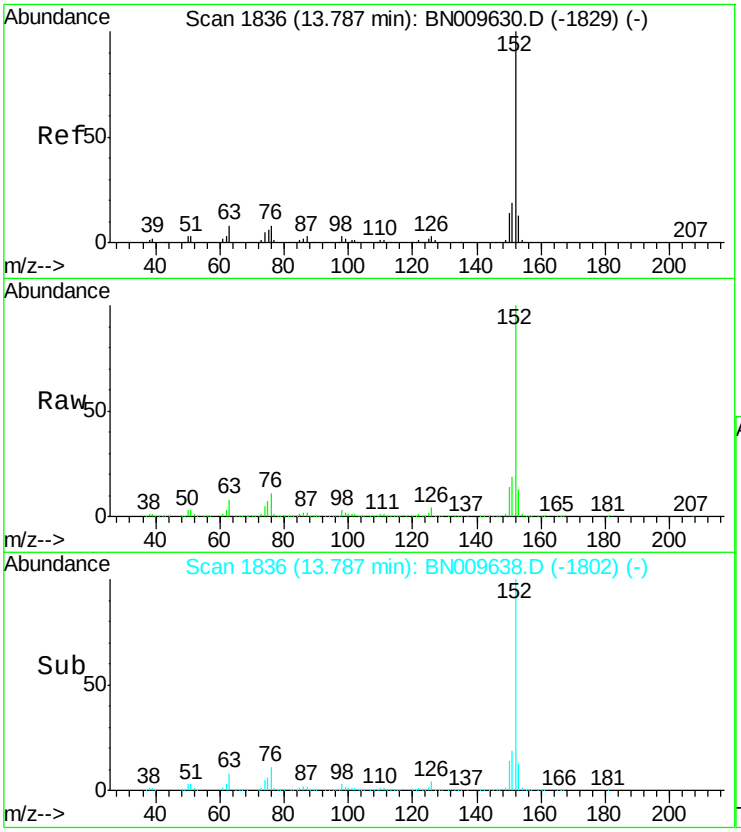
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009638.D
Acq On : 07 Feb 2020 08:59
Operator : CG/JU
Sample : L1324-18 10X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT73

Quant Time: Feb 07 11:17:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 07 11:12:58 2020
Response via : Initial Calibration



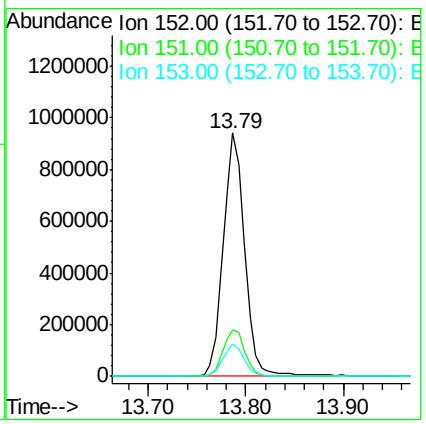


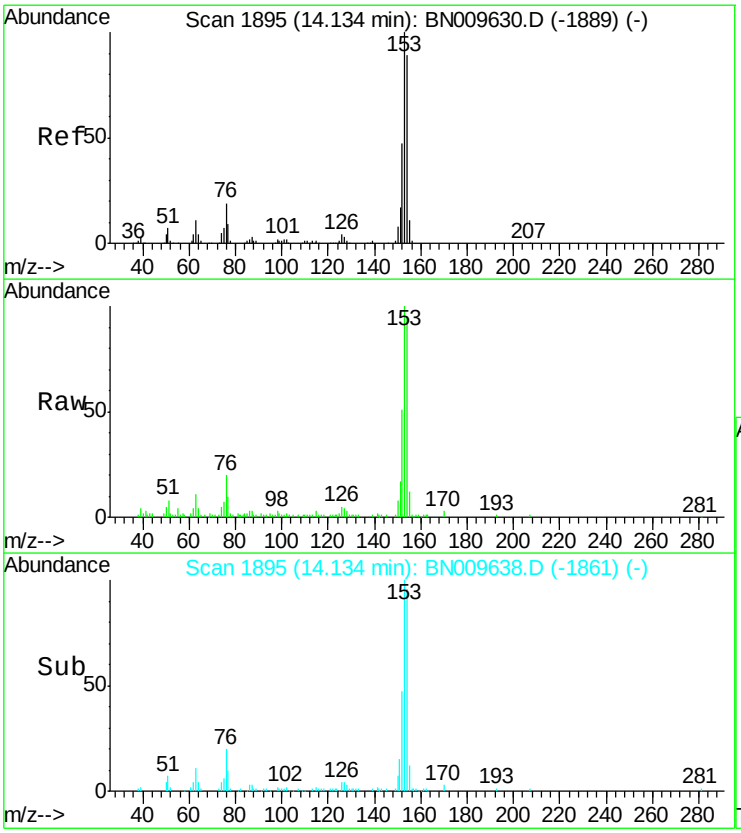
#47
Acenaphthylene
Concen: 29.83 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Instrument :
BNA_N
ClientSampleId :
GAT73

Tgt Ion:152 Resp: 1422614

Ion	Ratio	Lower	Upper
152	100		
151	19.0	16.2	24.2
153	13.3	10.6	15.8

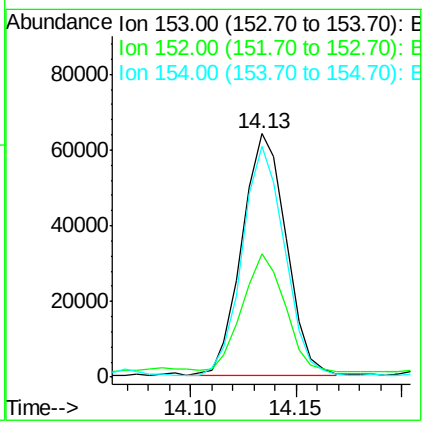


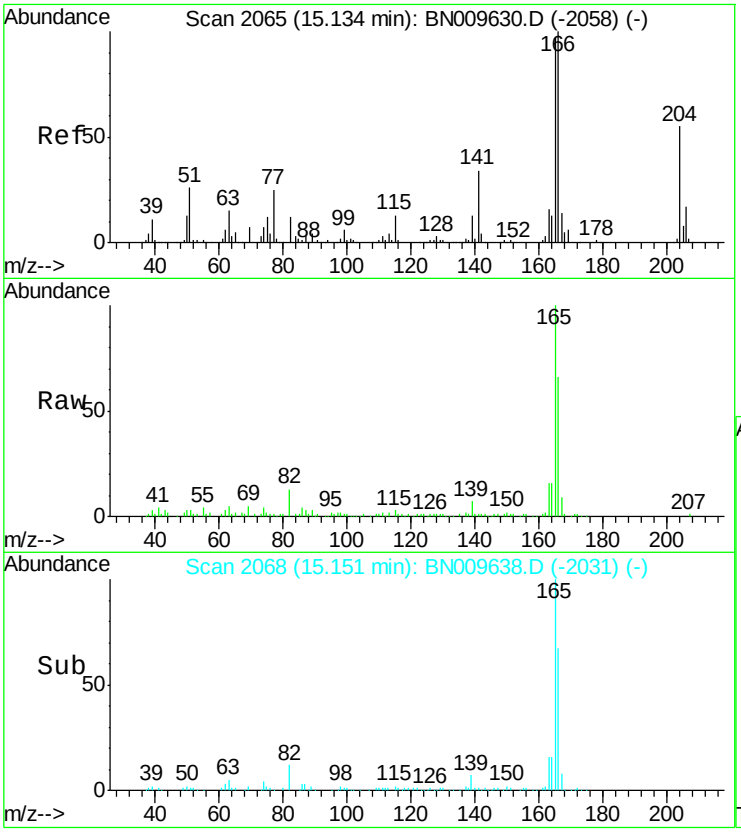


#49
Acenaphthene
Concen: 2.87 ng/ul
RT: 14.13 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Tgt Ion:153 Resp: 93139

Ion	Ratio	Lower	Upper
153	100		
152	50.5	37.3	55.9
154	94.6	70.2	105.2



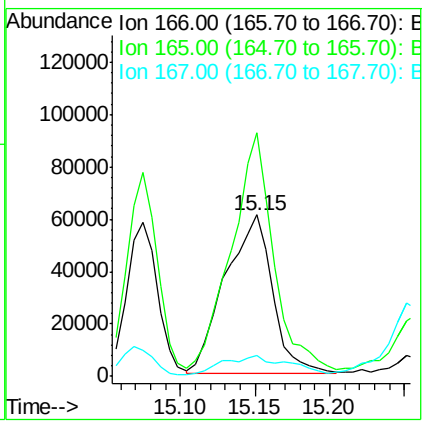


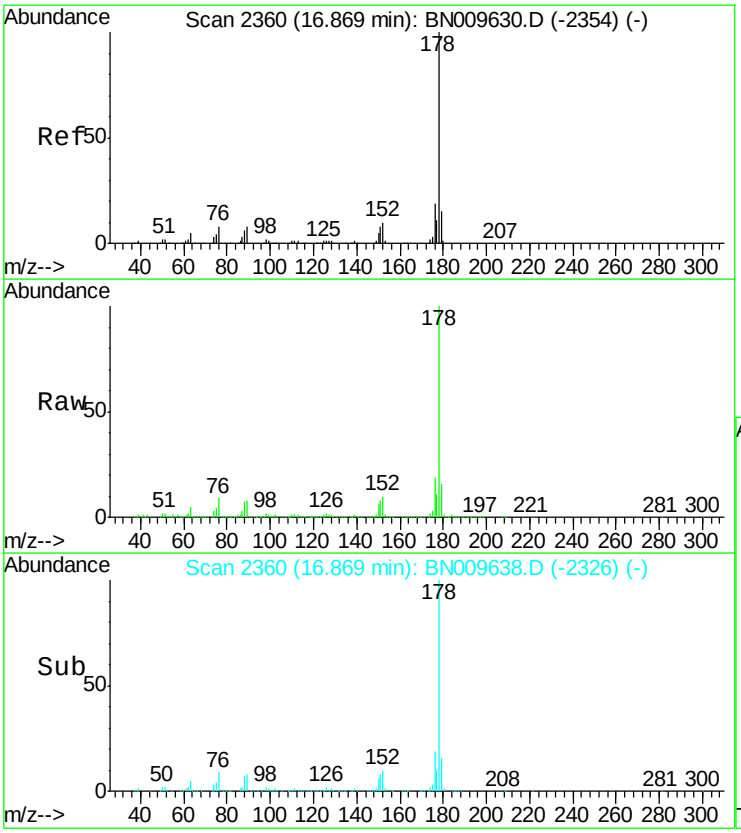
#58
Fluorene
Concen: 3.51 ng/ul
RT: 15.15 min Scan# 2068
Delta R.T. 0.02 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Instrument :
BNA_N
ClientSampleId :
GAT73

Tgt Ion:166 Resp: 132354

Ion	Ratio	Lower	Upper
166	100		
165	151.1	76.7	115.1#
167	13.0	11.1	16.7

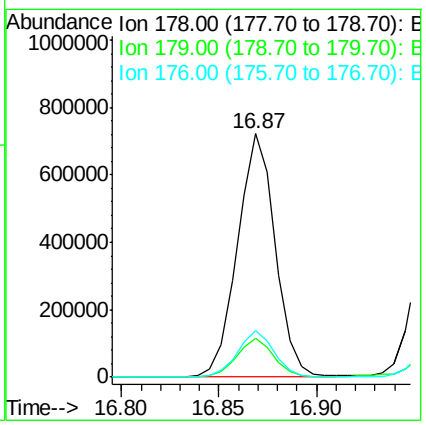


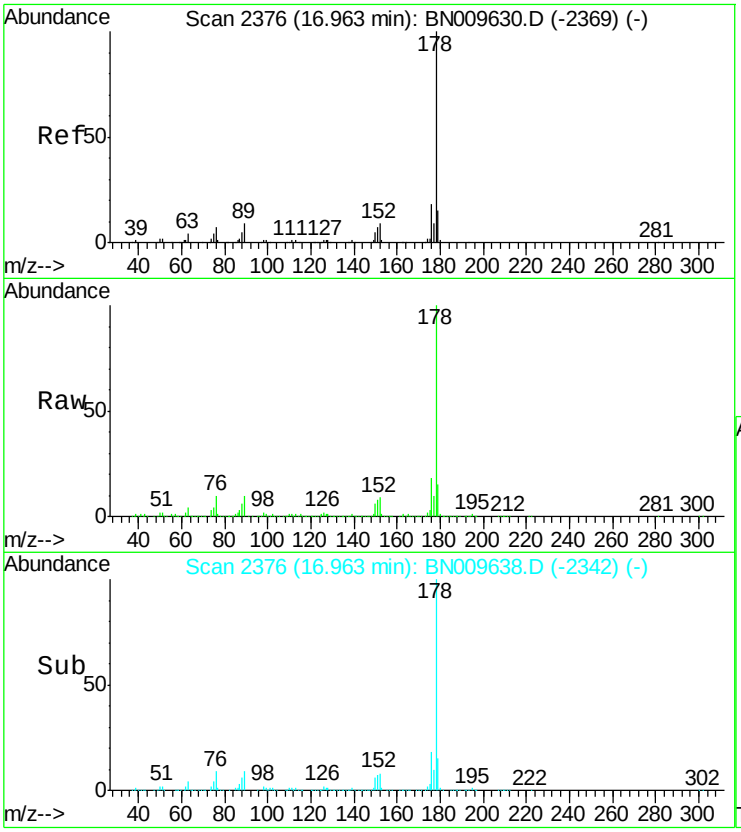


#69
Phenanthrene
Concen: 17.16 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Tgt Ion:178 Resp: 955339

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.2	18.2
176	19.2	14.8	22.2



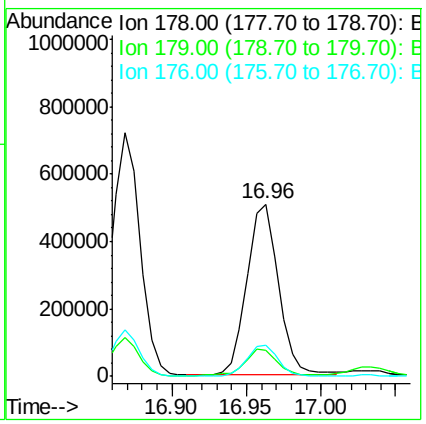


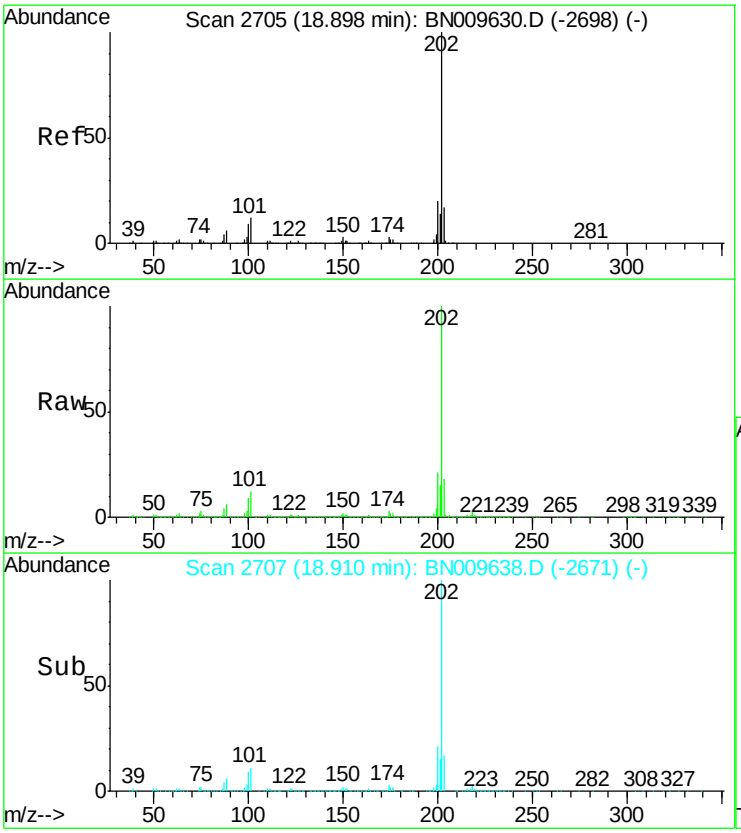
#71
Anthracene
Concen: 13.18 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. 0.00 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Instrument :
BNA_N
ClientSampleId :
GAT73

Tgt Ion:178 Resp: 744374

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.1	18.1
176	18.4	14.6	21.8

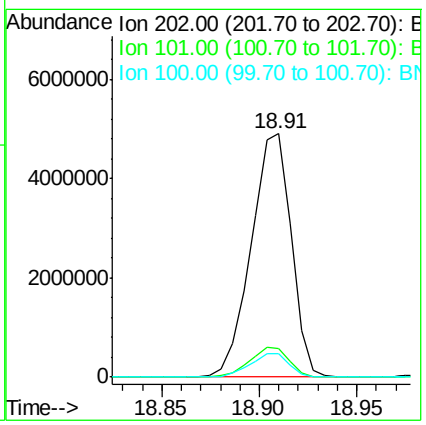


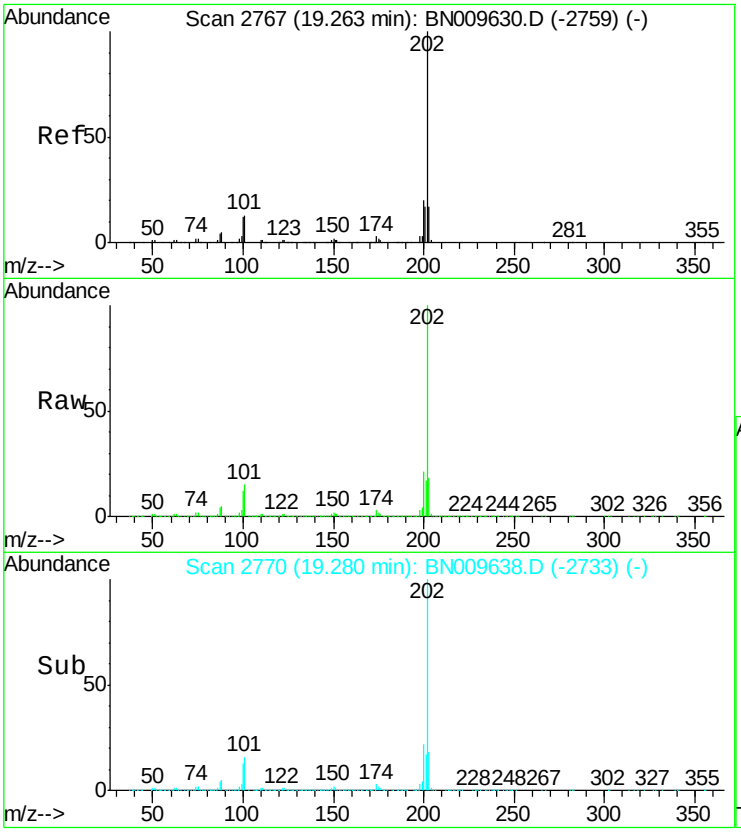


#76
Fluoranthene
Concen: 109.67 ng/ul
RT: 18.91 min Scan# 2707
Delta R.T. 0.01 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Tgt Ion:202 Resp: 6966537

Ion	Ratio	Lower	Upper
202	100		
101	11.9	9.2	13.8
100	9.4	6.9	10.3



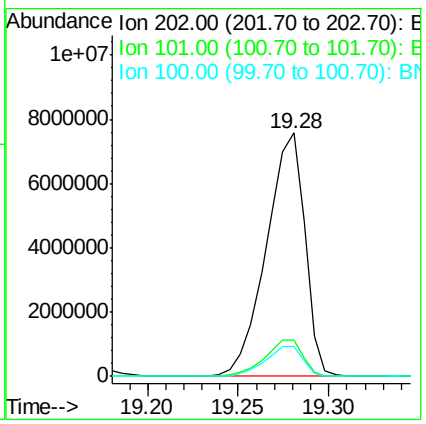


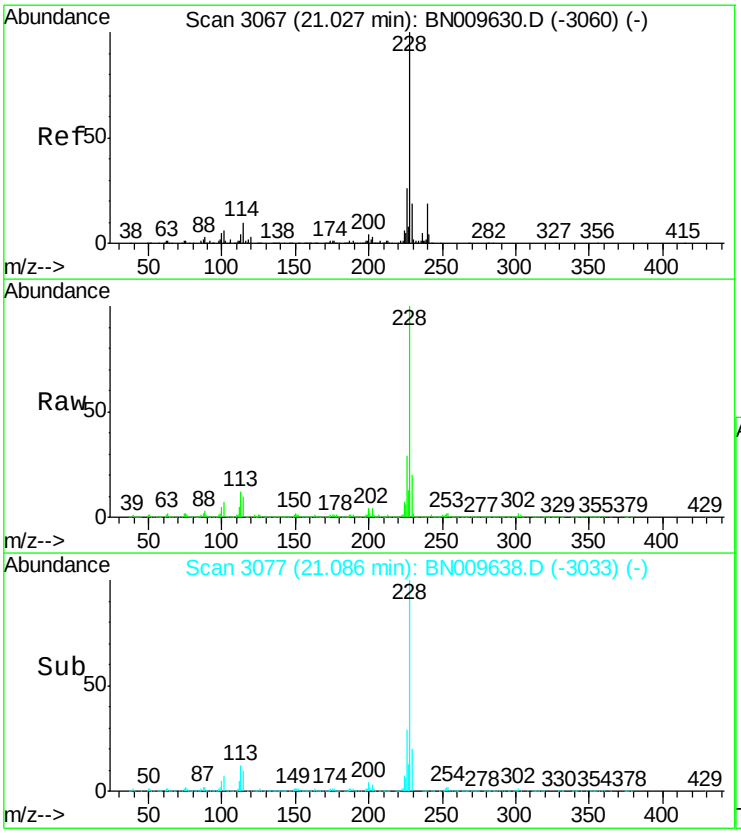
#79
Pyrene
Concen: 184.59 ng/ul
RT: 19.28 min Scan# 2770
Delta R.T. 0.02 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Instrument :
BNA_N
ClientSampleId :
GAT73

Tgt Ion:202 Resp:11202083

Ion	Ratio	Lower	Upper
202	100		
101	15.0	10.3	15.5
100	12.4	8.4	12.6

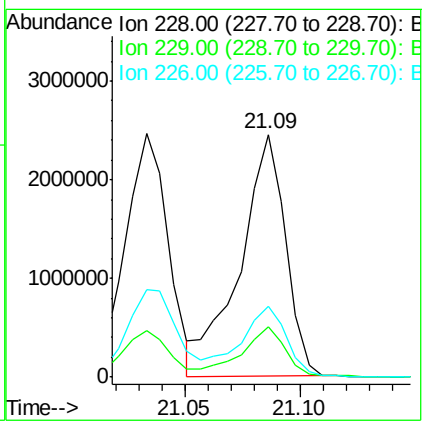


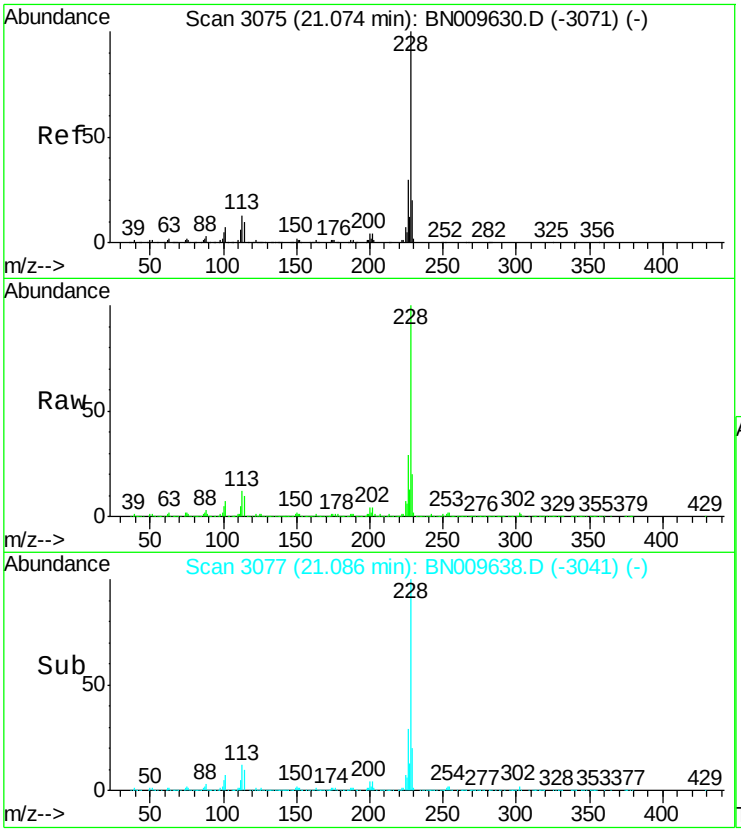


#82
Benzo(a)anthracene
Concen: 58.71 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. 0.06 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Tgt Ion:228 Resp: 3370169

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.0	22.4
226	29.2	20.9	31.3



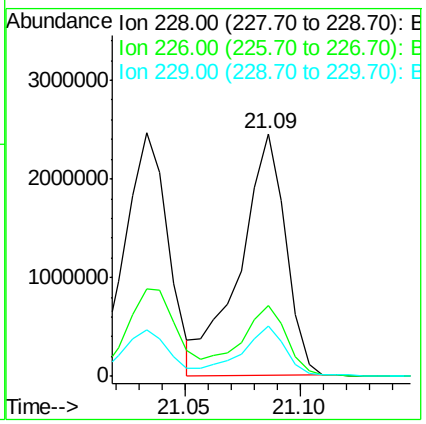


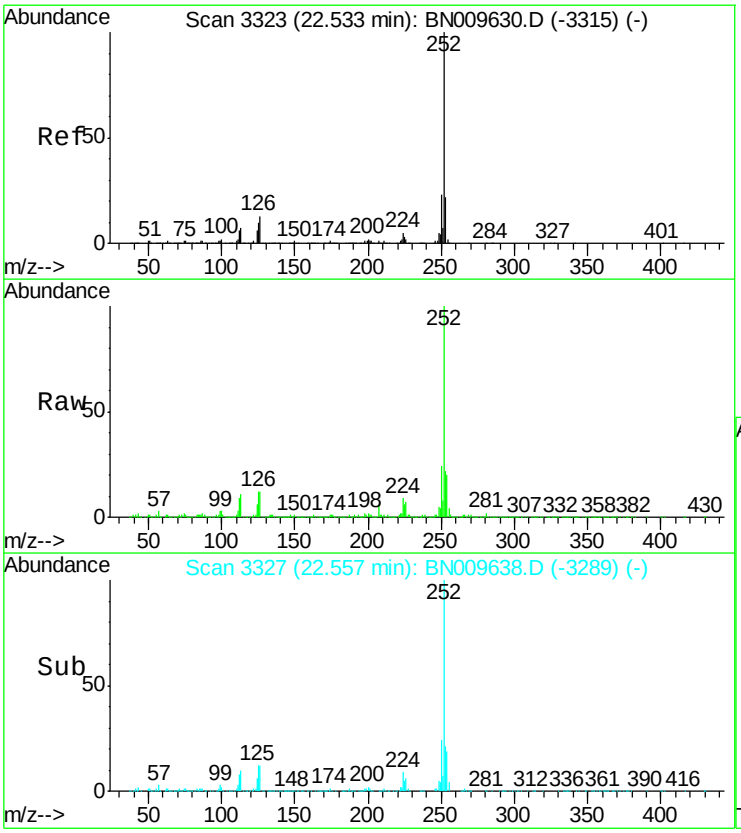
#84
Chrysene
Concen: 59.01 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. 0.01 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Instrument :
BNA_N
ClientSampleId :
GAT73

Tgt Ion:228 Resp: 3371864

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.5	35.3
229	20.5	15.8	23.8

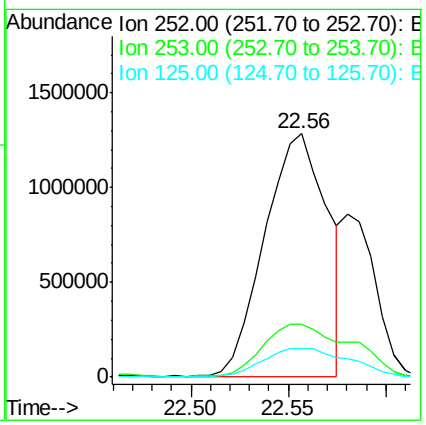


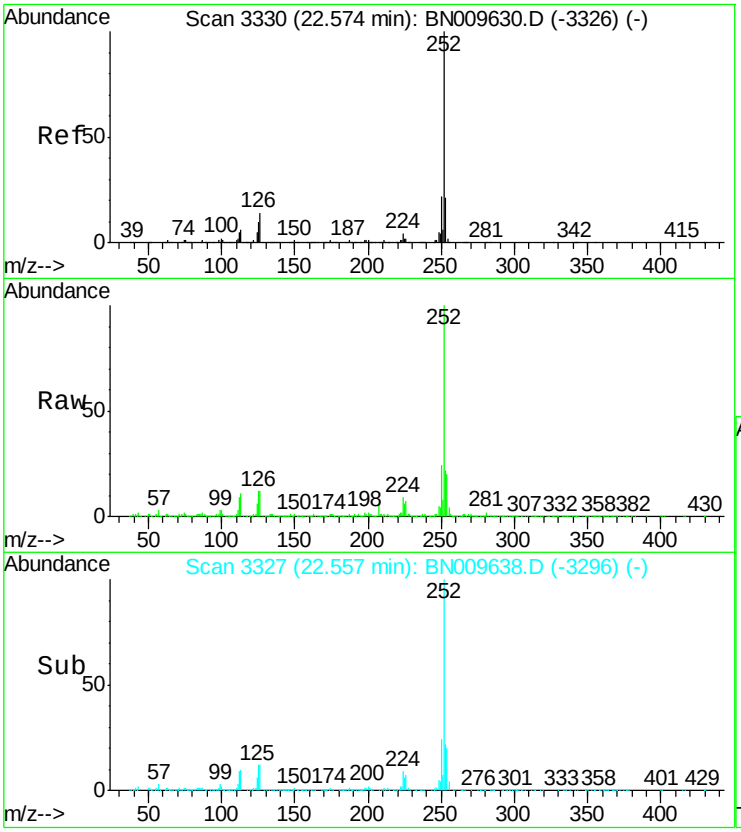


#87
Benzo(b)fluoranthene
Concen: 47.00 ng/ul
RT: 22.56 min Scan# 3327
Delta R.T. 0.02 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Tgt Ion:252 Resp: 2847042

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.6
125	11.8	8.2	12.2



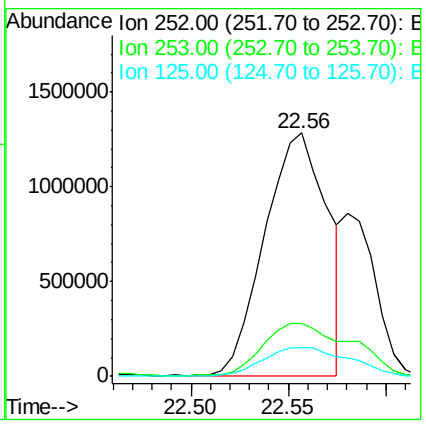


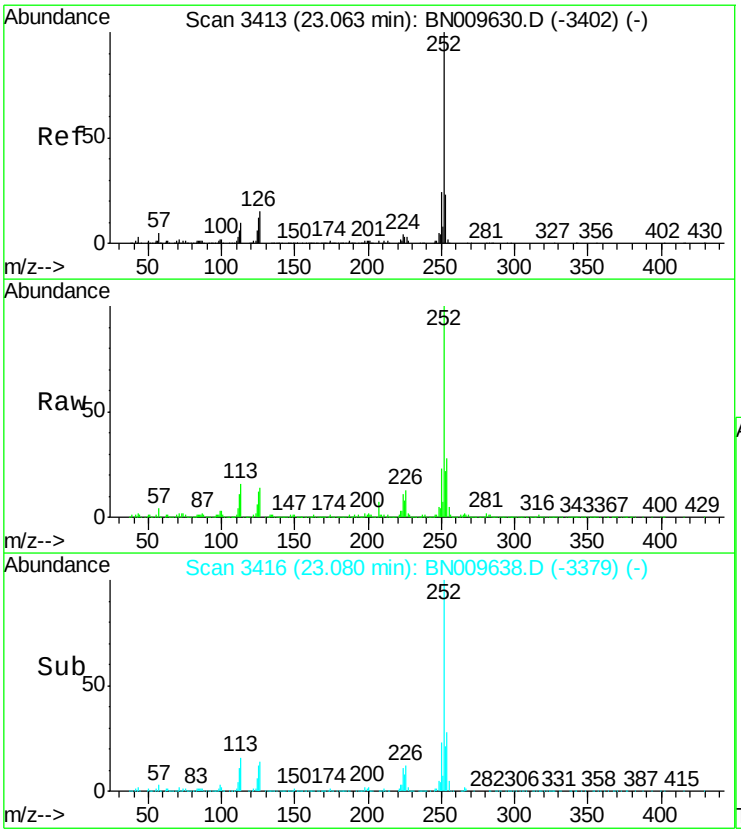
#88
Benzo(k)fluoranthene
Concen: 47.72 ng/ul
RT: 22.56 min Scan# 3327
Delta R.T. -0.02 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Instrument :
BNA_N
ClientSampleId :
GAT73

Tgt Ion:252 Resp: 2847042

Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.0	25.4
125	11.8	8.0	12.0

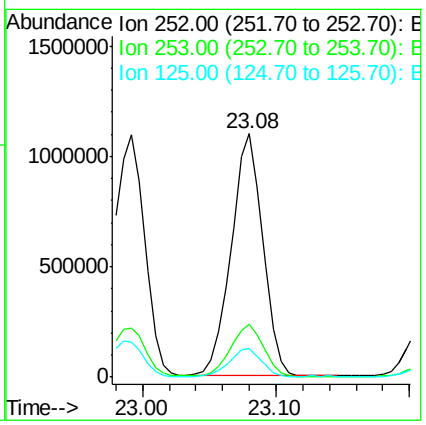


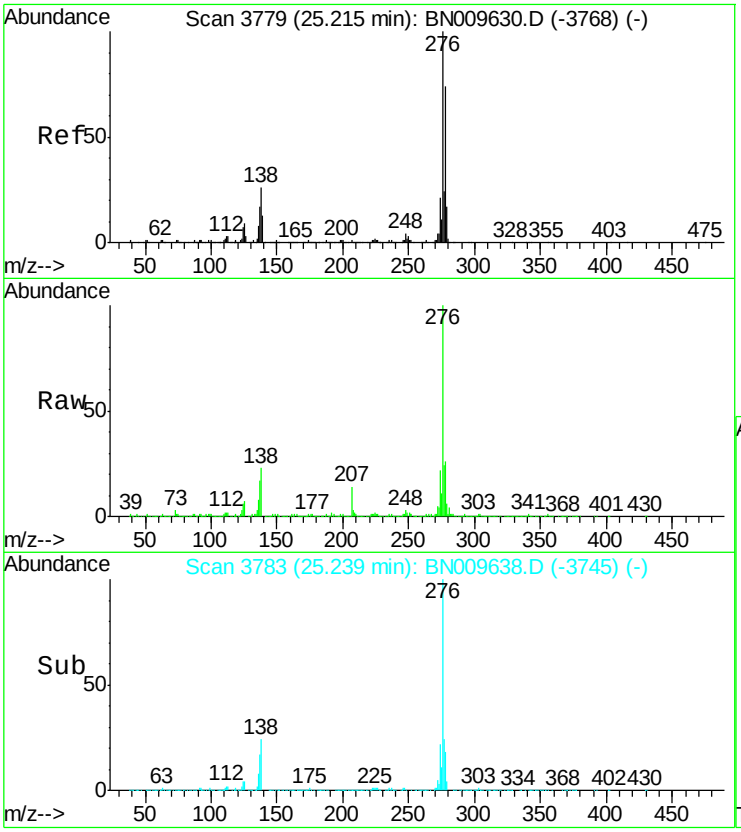


#90
Benzo(a)pyrene
Concen: 32.17 ng/ul
RT: 23.08 min Scan# 3416
Delta R.T. 0.02 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Tgt Ion:252 Resp: 1805780

Ion	Ratio	Lower	Upper
252	100		
253	21.6	15.8	23.8
125	11.9	8.7	13.1



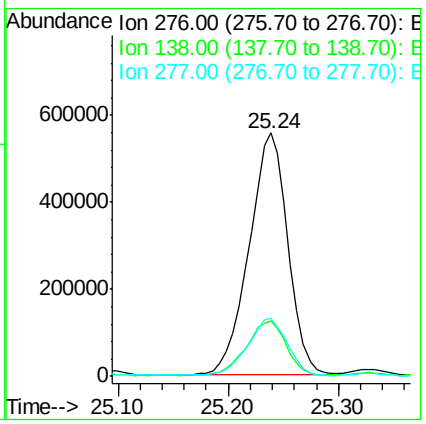


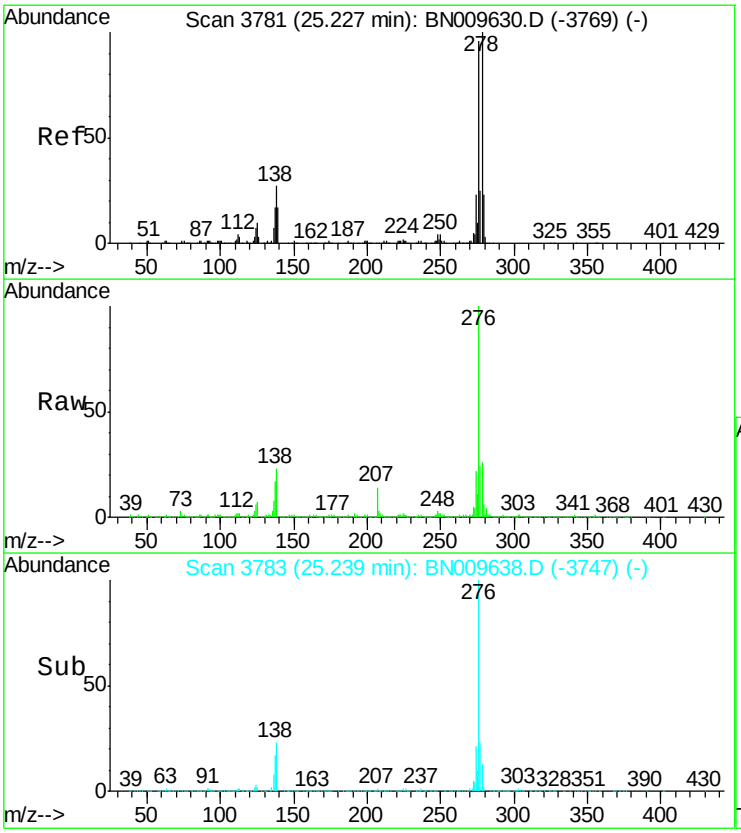
#91
Indeno(1,2,3-cd)pyrene
Concen: 20.56 ng/ul
RT: 25.24 min Scan# 3783
Delta R.T. 0.02 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Instrument :
BNA_N
ClientSampleId :
GAT73

Tgt Ion:276 Resp: 1372174

Ion	Ratio	Lower	Upper
276	100		
138	22.6	20.3	30.5
277	24.0	21.2	31.8

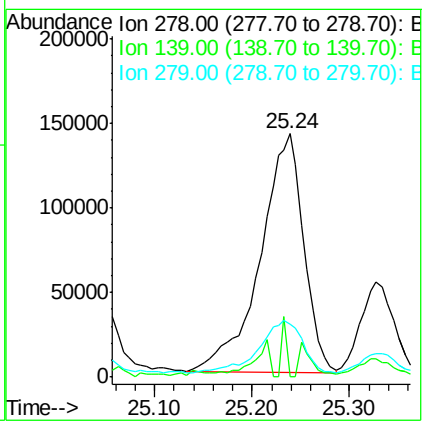


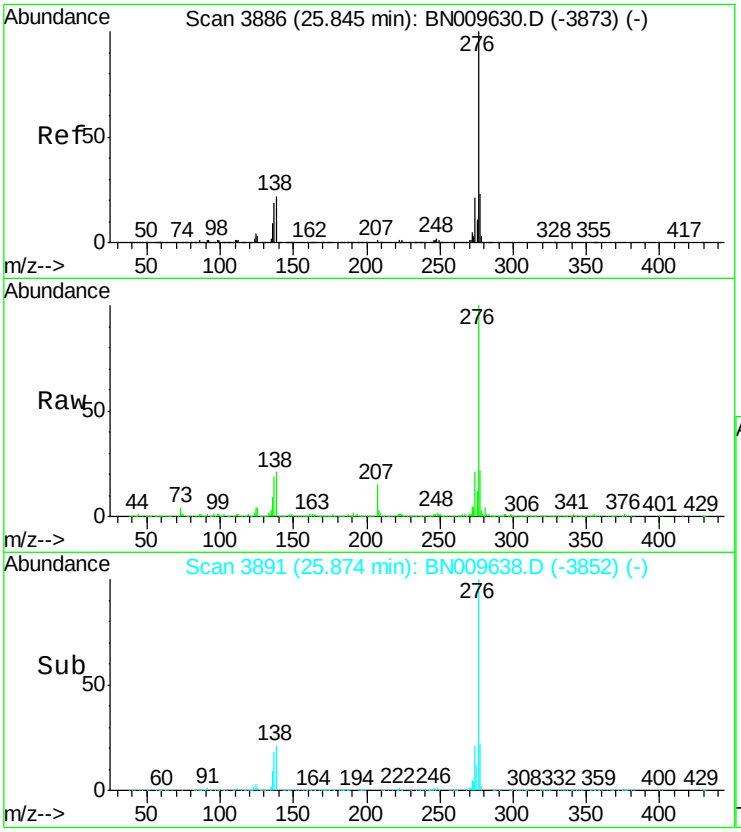


#92
Dibenzo(a,h)anthracene
Concen: 7.78 ng/ul
RT: 25.24 min Scan# 3783
Delta R.T. 0.01 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Tgt Ion:278 Resp: 437211

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	21.7	19.8	29.8





#93
Benzo(g,h,i)perylene
Concen: 24.71 ng/ul
RT: 25.87 min Scan# 3891
Delta R.T. 0.03 min
Lab File: BN009638.D
Acq: 07 Feb 2020 08:59

Instrument :
BNA_N
ClientSampleId :
GAT73

Tgt Ion:276 Resp: 1381912

Ion	Ratio	Lower	Upper
276	100		
138	21.3	16.0	24.0
277	22.5	17.0	25.6