Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74

Quant Time: Feb 07 11:17:17 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	196449	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	828295	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	500598	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	994802	20.00	ng/ul	0.00
77) Chrysene-d12	21.05	240	850983	20.00	ng/ul	0.01
85) Perylene-d12	23.17	264	961284	20.00	ng/ul	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	1077	0.22	ng/uL	0.01
5) Phenol-d5	6.64	99	25817	1.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	16502	1.43	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	19175	1.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	18737	1.37	ng/ul	0.01
19) Nitrobenzene-d5	8.59	128	7988	1.30	ng/ul	0.01
22) 2-Nitrophenol-d4	9.29	143	9282	1.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	18120	1.41	ng/ul	0.02
29) 4-Chloroaniline-d4	10.35	131	5188	0.37	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	61457	1.68	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	73440	1.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	6306	0.91	ng/ul	0.02
57) Fluorene-d10	15.07	176	56927	1.77	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	5074	0.82	ng/ul	0.01
70) Anthracene-d10	16.83	188	994802	22.01	ng/ul	-0.10
78) Pyrene-d10	19.24	212	84481	1.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.03	264	84595	1.79	ng/ul	0.01
Target Compounds						Qvalue
47) Acenaphthylene	13.79	152	1503447	31.11	ng/ul	99
49) Acenaphthene	14.13	153	85947	2.62	ng/ul	96
58) Fluorene	15.15	166	127433	3.33	ng/ul#	60
69) Phenanthrene	16.87	178	775602	13.67	ng/ul	99
71) Anthracene	16.96	178	811222	14.09	ng/ul	99
76) Fluoranthene	18.91	202	7137137	110.23	ng/ul	99
79) Pyrene	19.17	202	362375	5.83	ng/ul	97
82) Benzo(a)anthracene	21.09	228	3551731	60.45	ng/ul	96
84) Chrysene	21.09	228	3552637	60.74	ng/ul	100
87) Benzo(b)fluoranthene	22.55	252	3128435	52.02	ng/ul	99
88) Benzo(k)fluoranthene	22.55	252	3128435	52.82	ng/ul	98
90) Benzo(a)pyrene	23.08	252	1970817	35.37	ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.24	276	1450452	21.89	ng/ul	94
92) Dibenzo(a,h)anthracene	25.23	278	461438	8.27	ng/ul#	85
93) Benzo(g,h,i)perylene	25.87	276	1471929	26.51	ng/ul	96

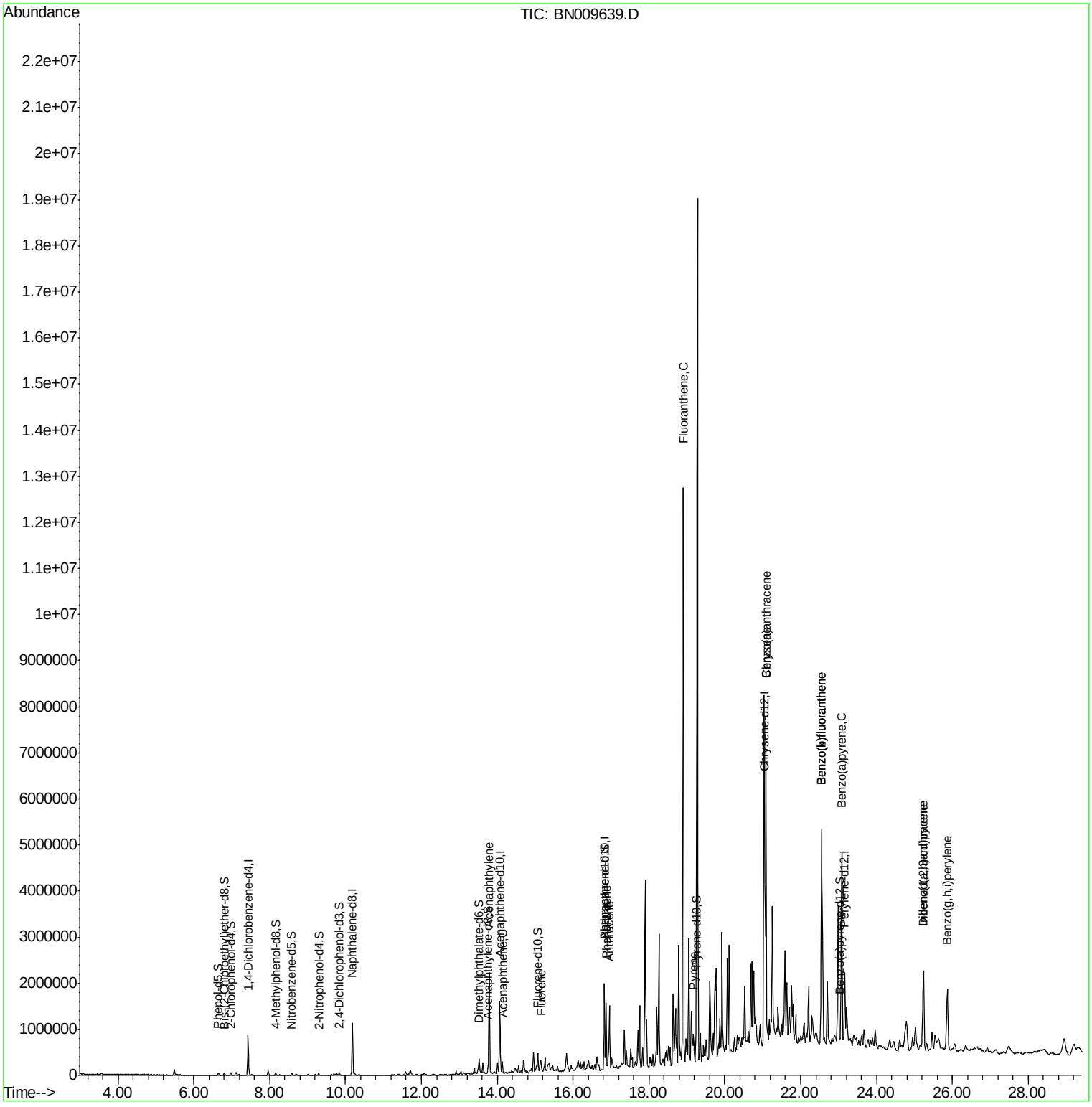
(#) = qualifier out of range (m) = manual integration (+) = signals summed

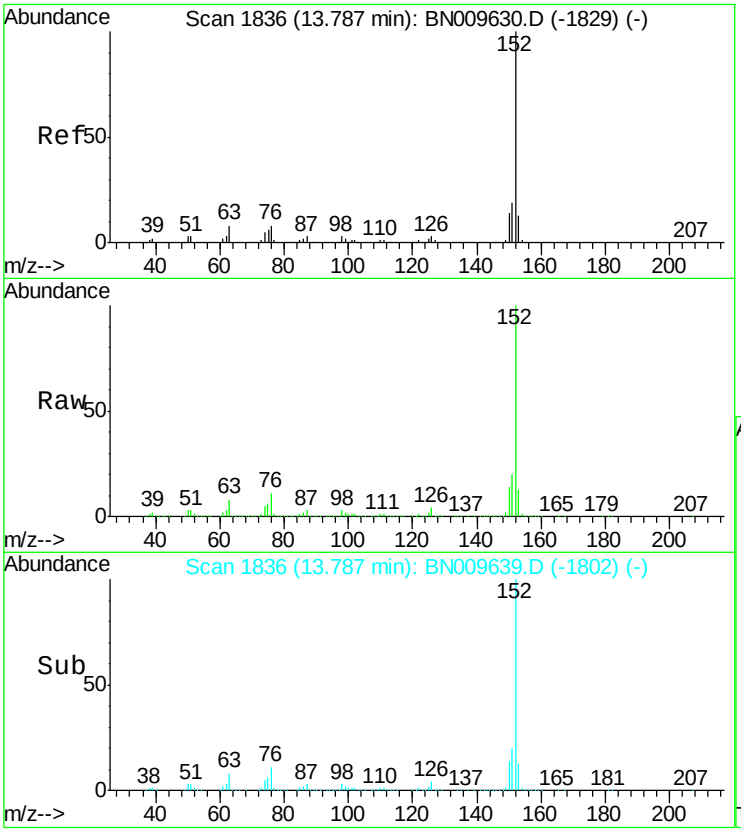
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN020620\
Data File : BN009639.D
Acq On : 07 Feb 2020 09:35
Operator : CG/JU
Sample : L1324-19 10X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT74

Quant Time: Feb 07 11:17:17 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



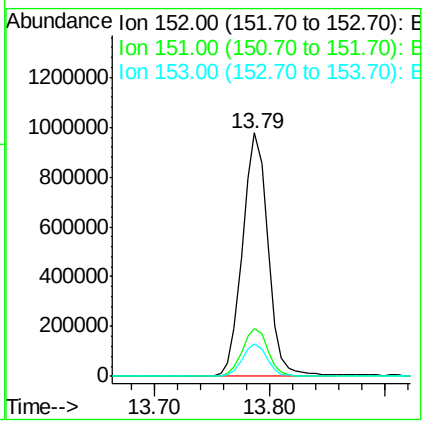


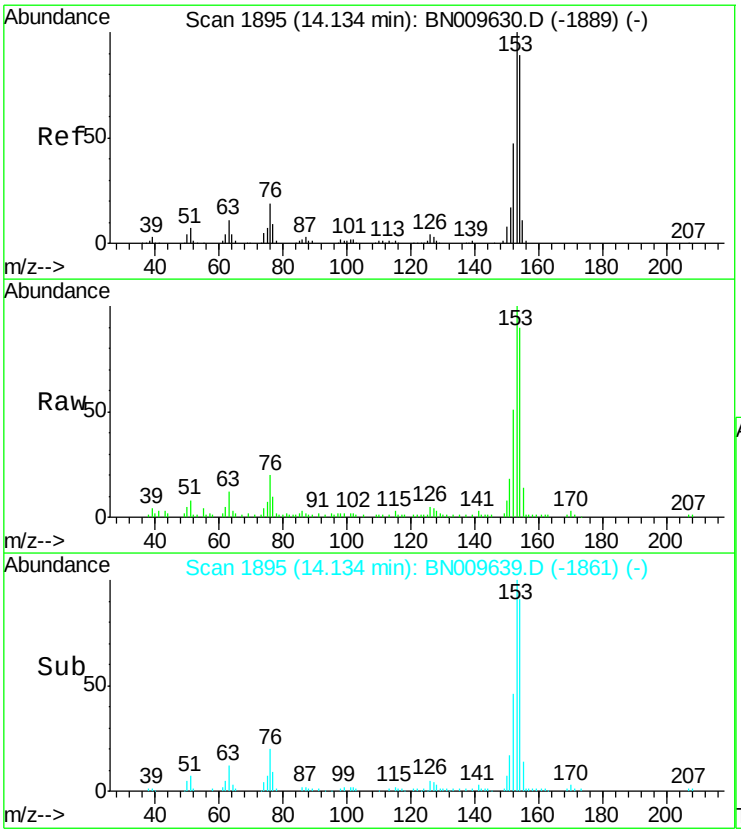
#47
Acenaphthylene
Concen: 31.11 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. 0.00 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Instrument :
BNA_N
ClientSampleId :
GAT74

Tgt Ion:152 Resp: 1503447

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.2
153	13.3	10.6	15.8

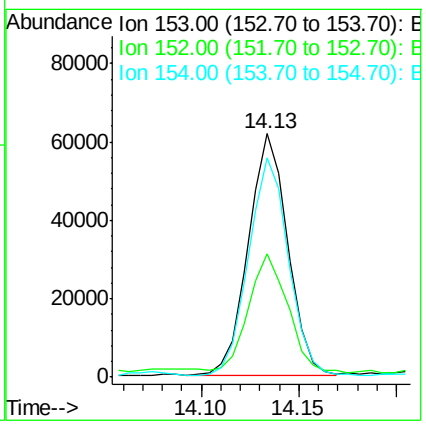


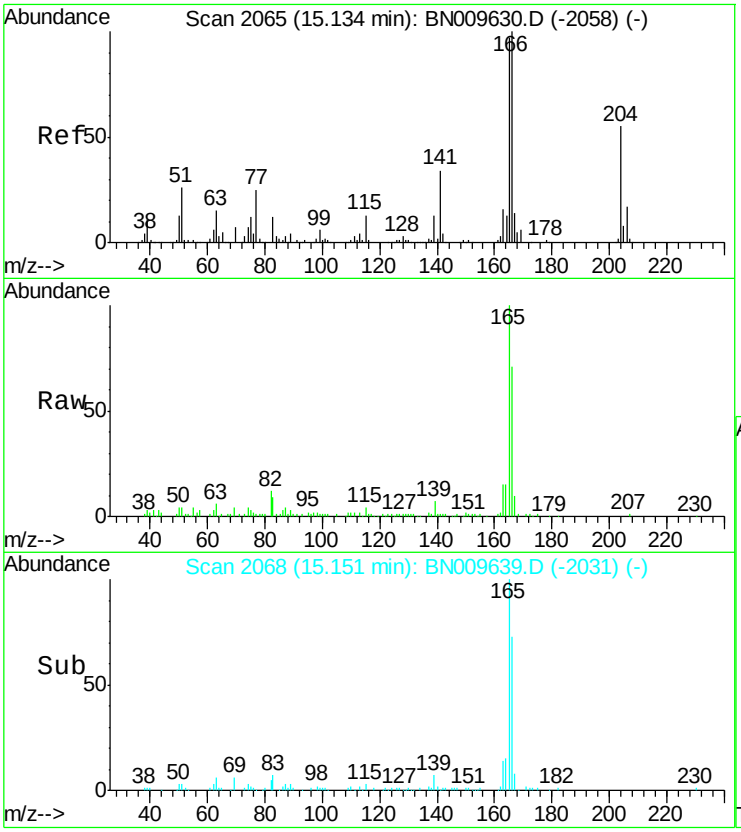


#49
Acenaphthene
Concen: 2.62 ng/ul
RT: 14.13 min Scan# 1895
Delta R.T. 0.00 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Tgt Ion:153 Resp: 85947

Ion	Ratio	Lower	Upper
153	100		
152	50.7	37.3	55.9
154	90.3	70.2	105.2



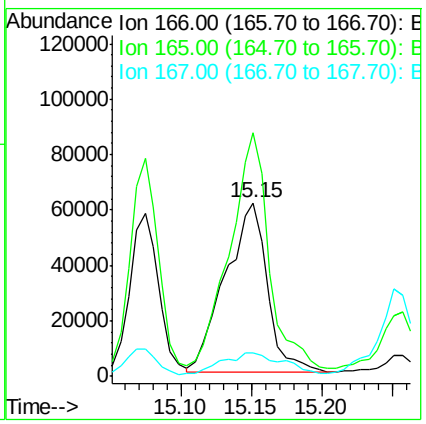


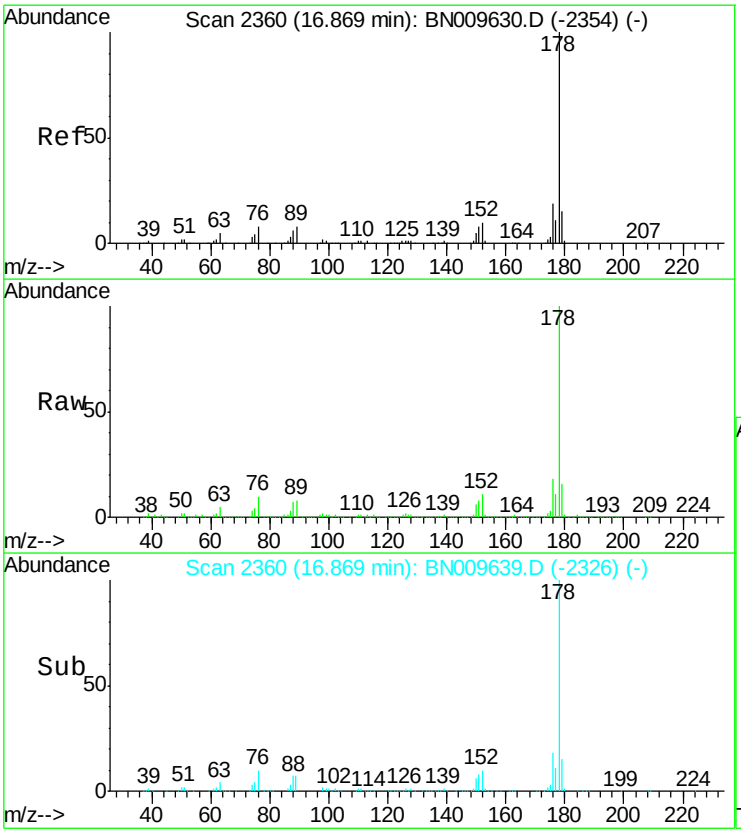
#58
Fluorene
Concen: 3.33 ng/ul
RT: 15.15 min Scan# 2068
Delta R.T. 0.02 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Instrument :
BNA_N
ClientSampleId :
GAT74

Tgt Ion:166 Resp: 127433

Ion	Ratio	Lower	Upper
166	100		
165	140.5	76.7	115.1#
167	13.4	11.1	16.7

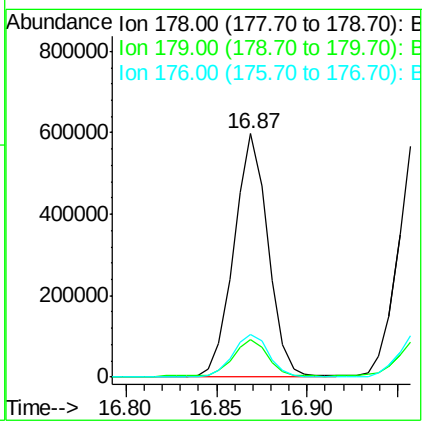


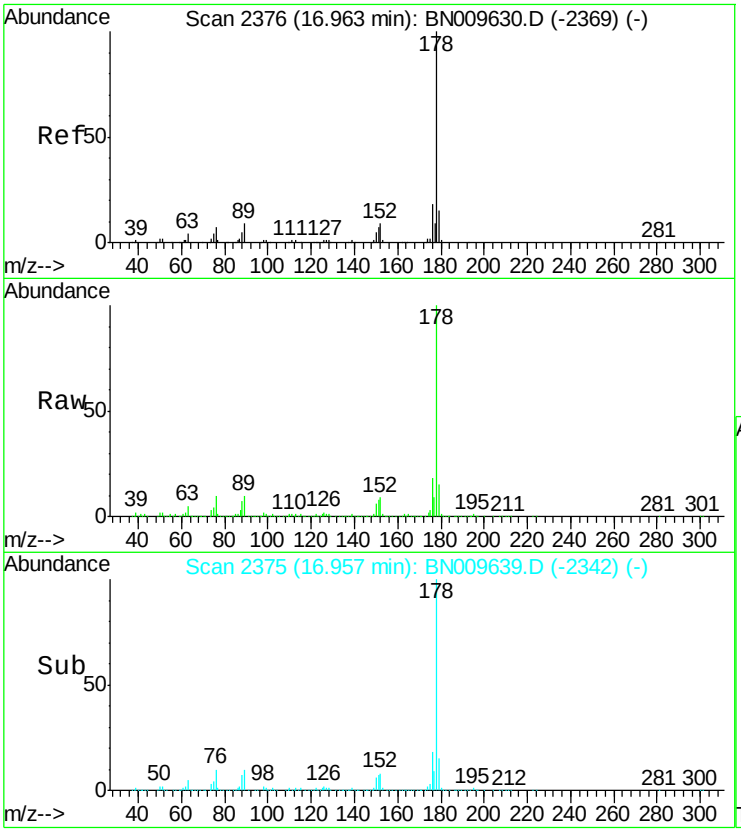


#69
Phenanthrene
Concen: 13.67 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. 0.00 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Tgt Ion:178 Resp: 775602

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.2
176	17.8	14.8	22.2



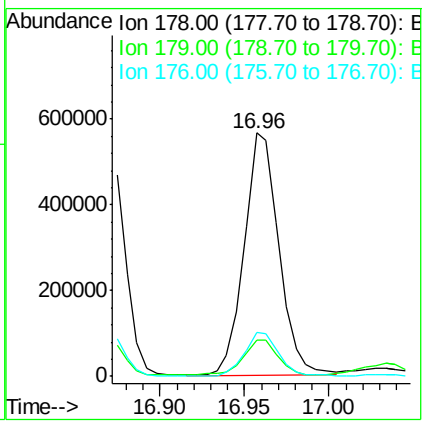


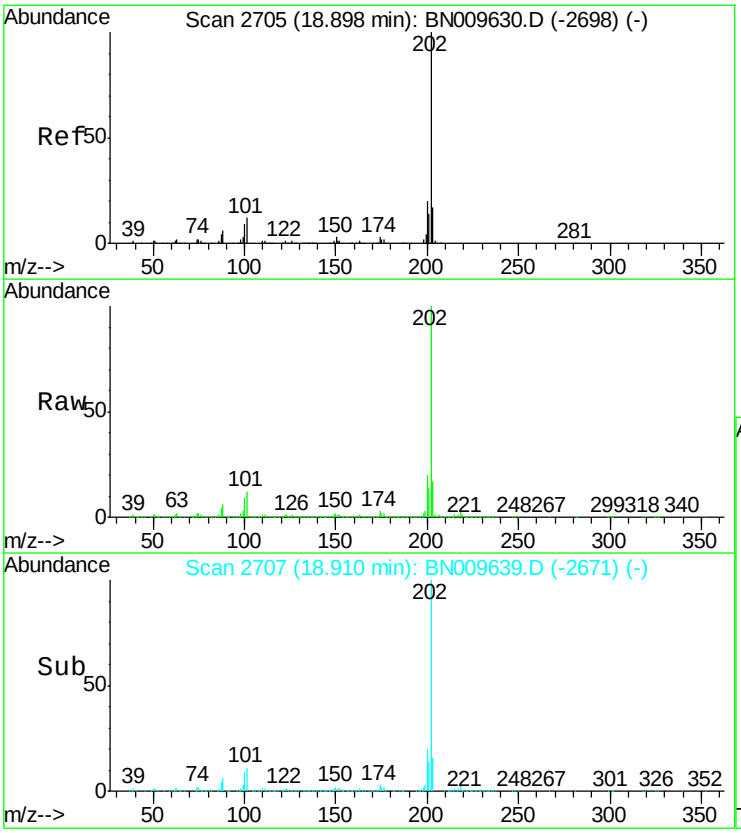
#71
Anthracene
Concen: 14.09 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Instrument :
BNA_N
ClientSampleId :
GAT74

Tgt Ion:178 Resp: 811222

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.1	18.1
176	17.8	14.6	21.8

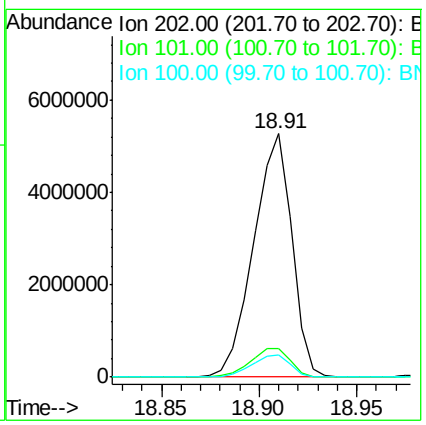


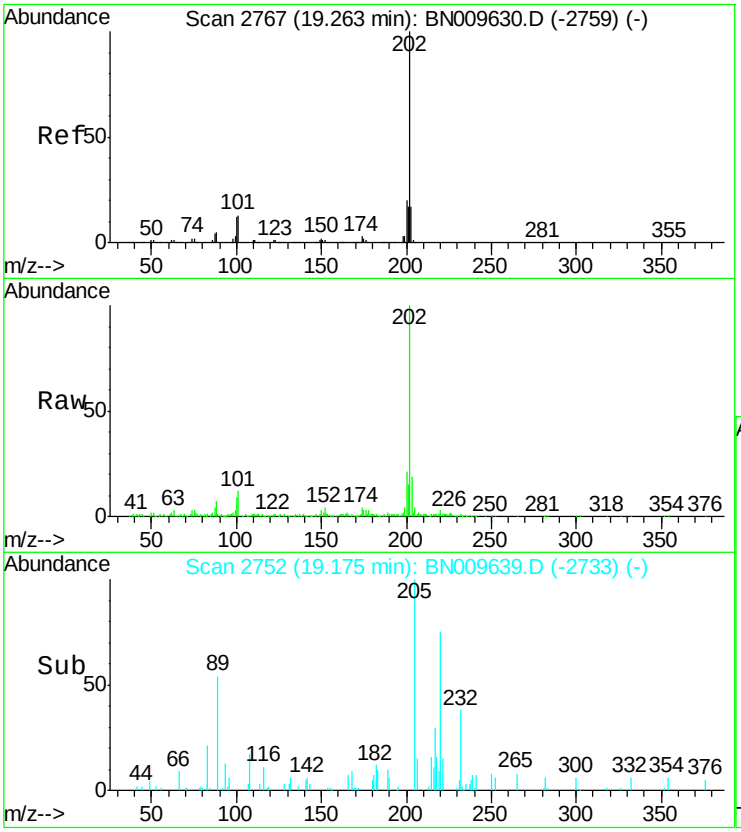


#76
Fluoranthene
Concen: 110.23 ng/ul
RT: 18.91 min Scan# 2707
Delta R.T. 0.01 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Tgt Ion:202 Resp: 7137137

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.2	13.8
100	9.0	6.9	10.3



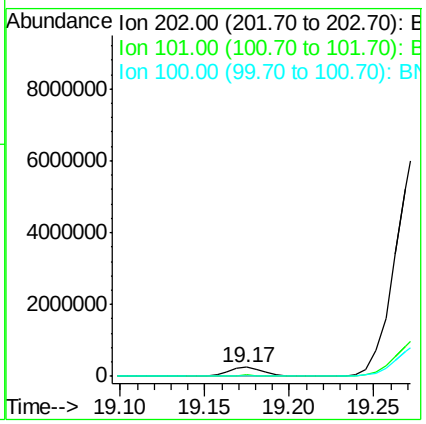


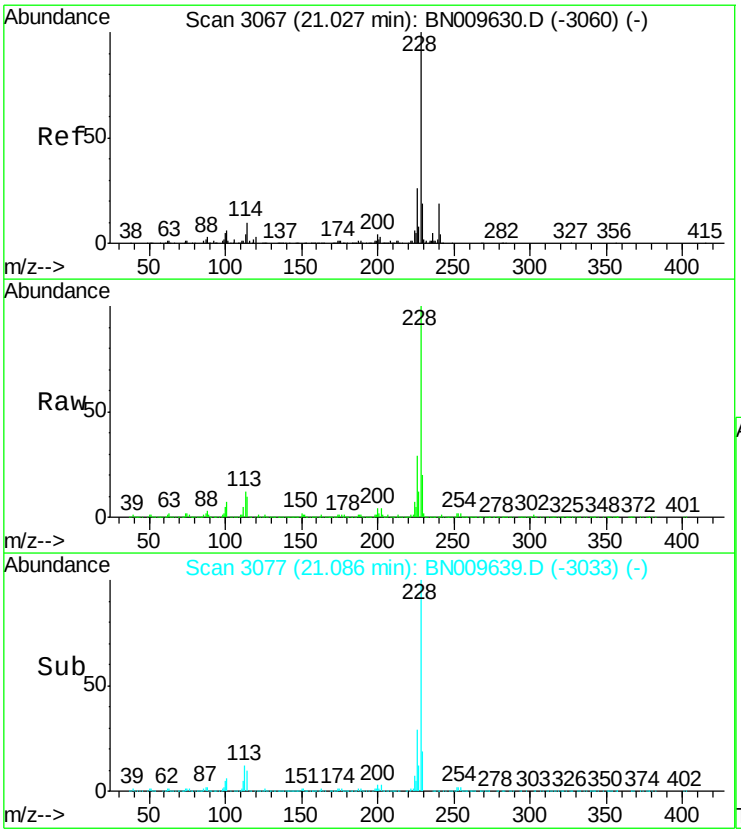
#79
Pyrene
Concen: 5.83 ng/ul
RT: 19.17 min Scan# 2752
Delta R.T. -0.09 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Instrument :
BNA_N
ClientSampleId :
GAT74

Tgt Ion:202 Resp: 362375

Ion	Ratio	Lower	Upper
202	100		
101	12.0	10.3	15.5
100	8.9	8.4	12.6

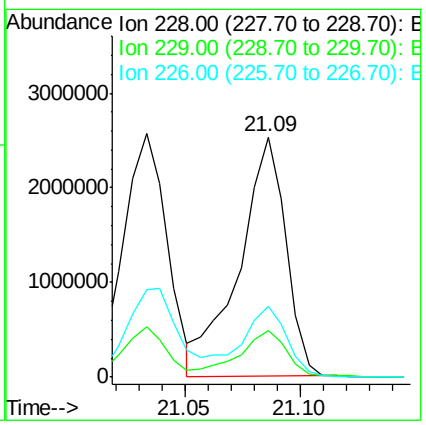


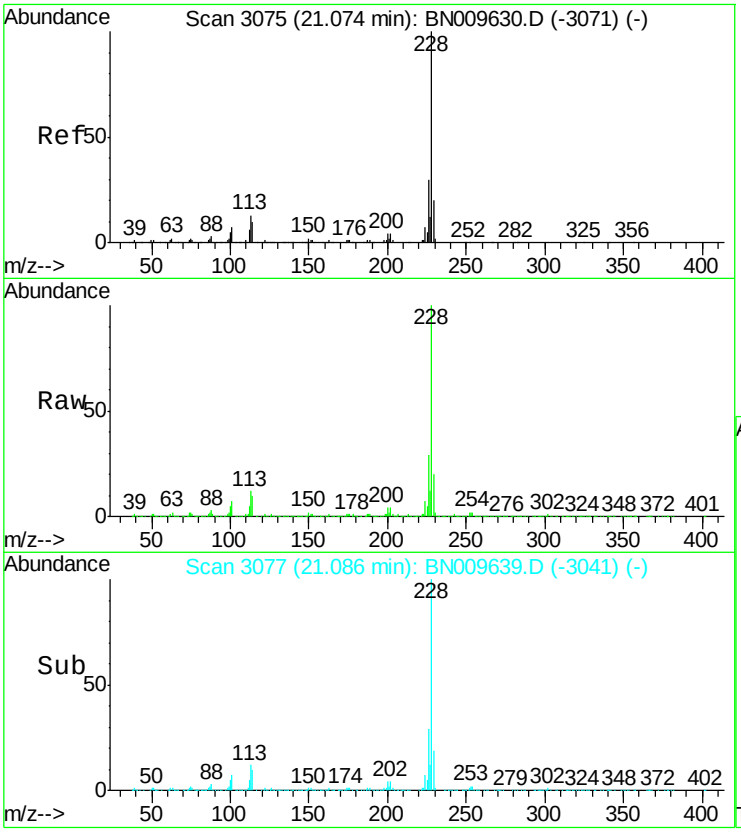


#82
Benzo(a)anthracene
Concen: 60.45 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. 0.06 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Tgt Ion:228 Resp: 3551731

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.0	22.4
226	29.3	20.9	31.3



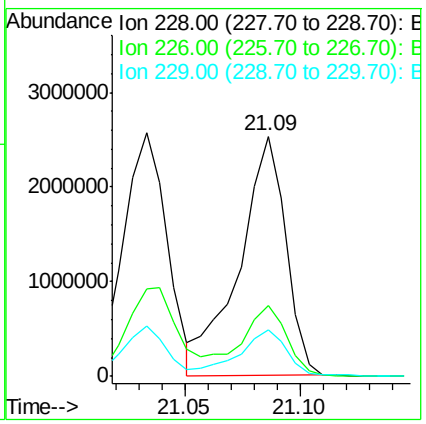


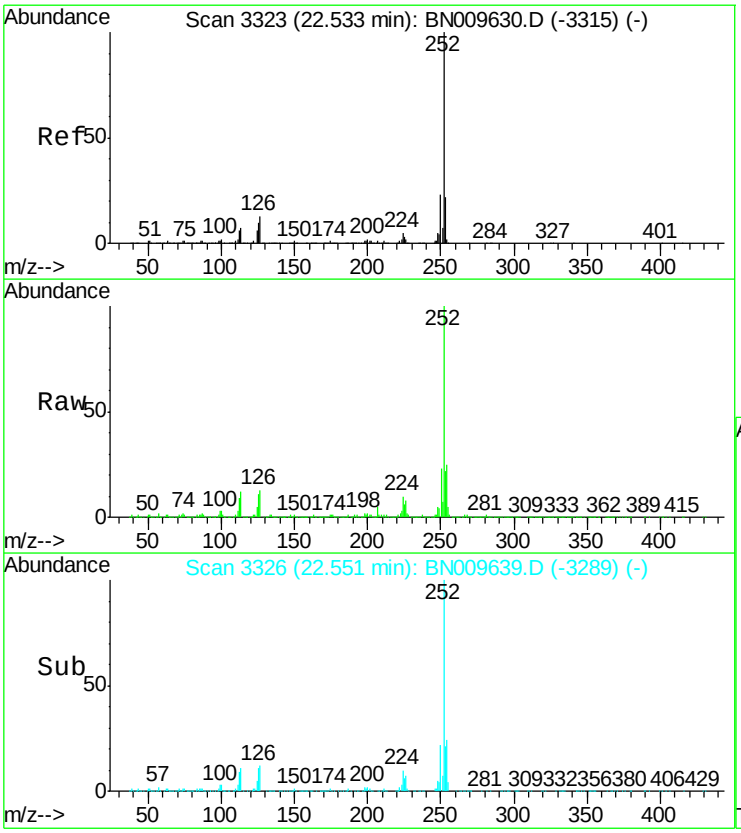
#84
Chrysene
Concen: 60.74 ng/ul
RT: 21.09 min Scan# 3077
Delta R.T. 0.01 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Instrument :
BNA_N
ClientSampleId :
GAT74

Tgt Ion:228 Resp: 3552637

Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.5	35.3
229	19.6	15.8	23.8

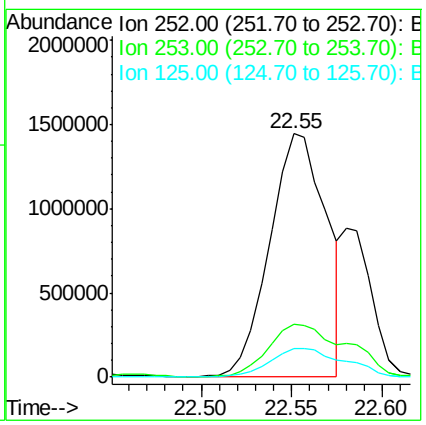


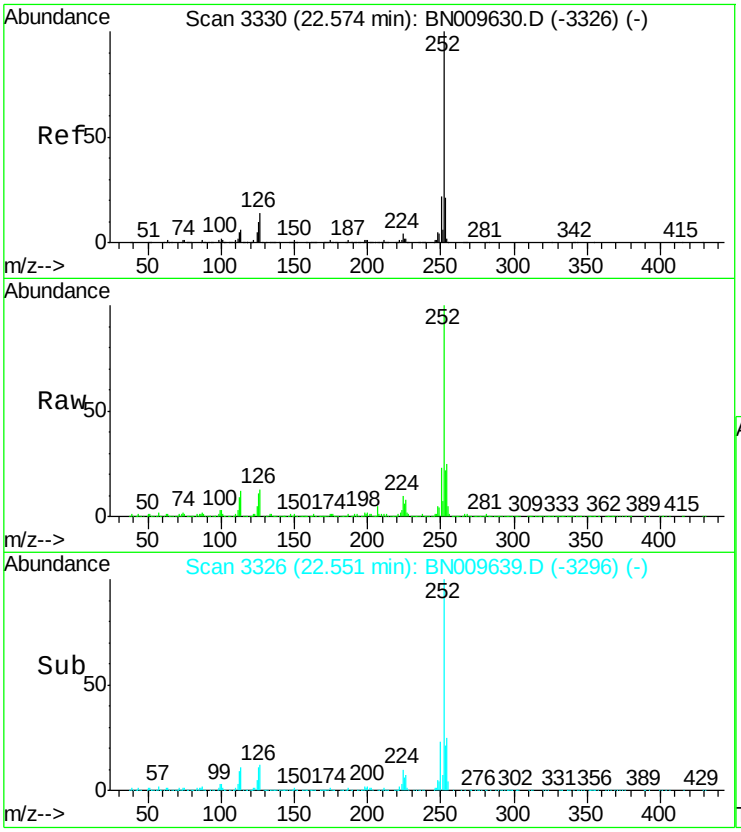


#87
Benzo(b)fluoranthene
Concen: 52.02 ng/ul
RT: 22.55 min Scan# 3326
Delta R.T. 0.02 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Tgt Ion:252 Resp: 3128435

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	11.5	8.2	12.2



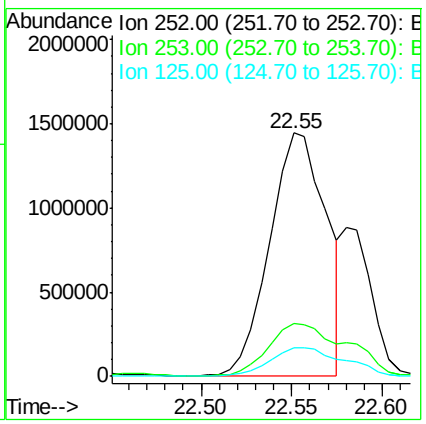


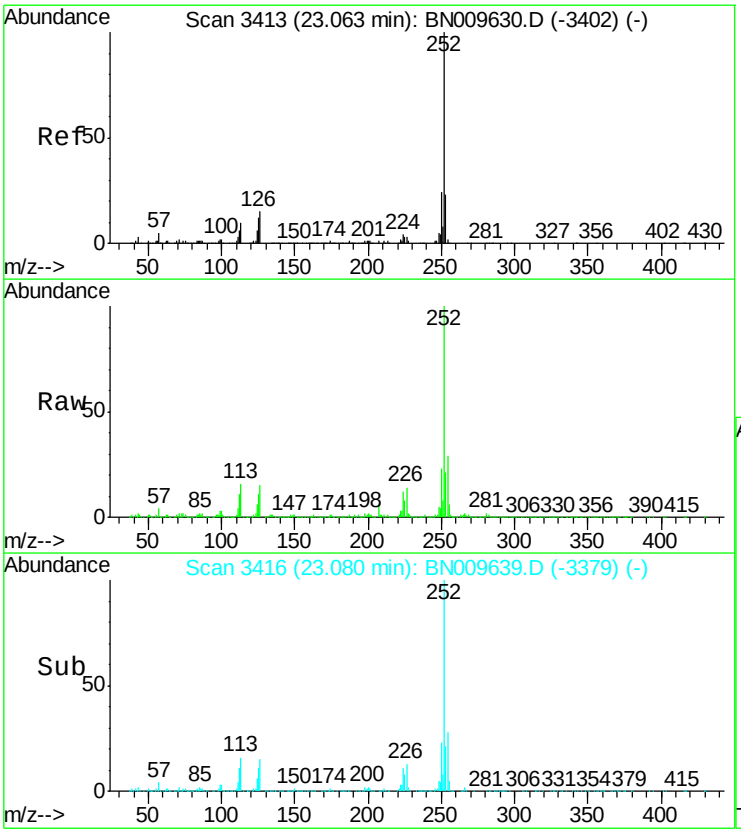
#88
Benzo(k)fluoranthene
Concen: 52.82 ng/ul
RT: 22.55 min Scan# 3326
Delta R.T. -0.02 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Instrument :
BNA_N
ClientSampleId :
GAT74

Tgt Ion:252 Resp: 3128435

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	11.5	8.0	12.0

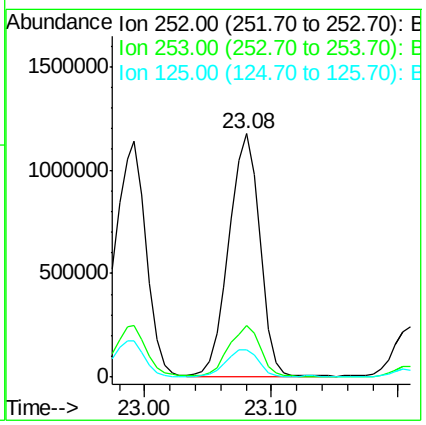


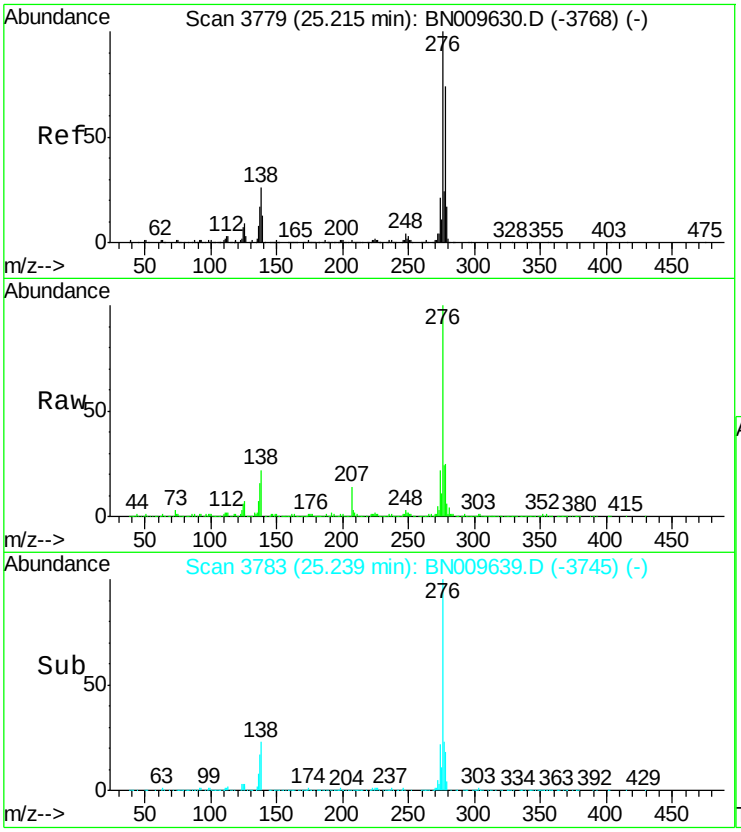


#90
Benzo(a)pyrene
Concen: 35.37 ng/ul
RT: 23.08 min Scan# 3416
Delta R.T. 0.02 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Tgt Ion:252 Resp: 1970817

Ion	Ratio	Lower	Upper
252	100		
253	21.4	15.8	23.8
125	11.2	8.7	13.1



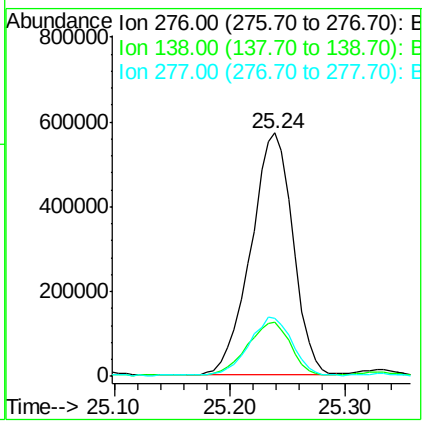


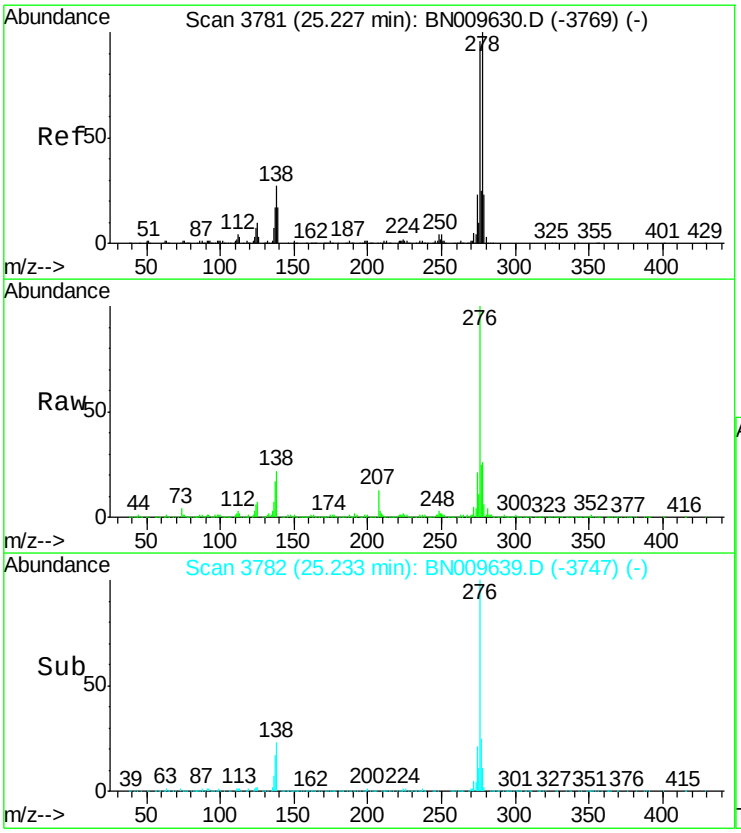
#91
Indeno(1,2,3-cd)pyrene
Concen: 21.89 ng/ul
RT: 25.24 min Scan# 3783
Delta R.T. 0.02 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Instrument :
BNA_N
ClientSampleId :
GAT74

Tgt Ion:276 Resp: 1450452

Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.3	30.5
277	23.6	21.2	31.8

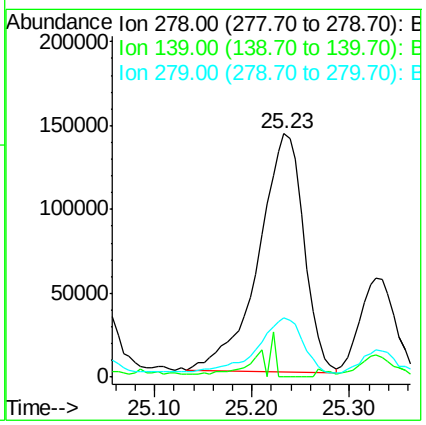


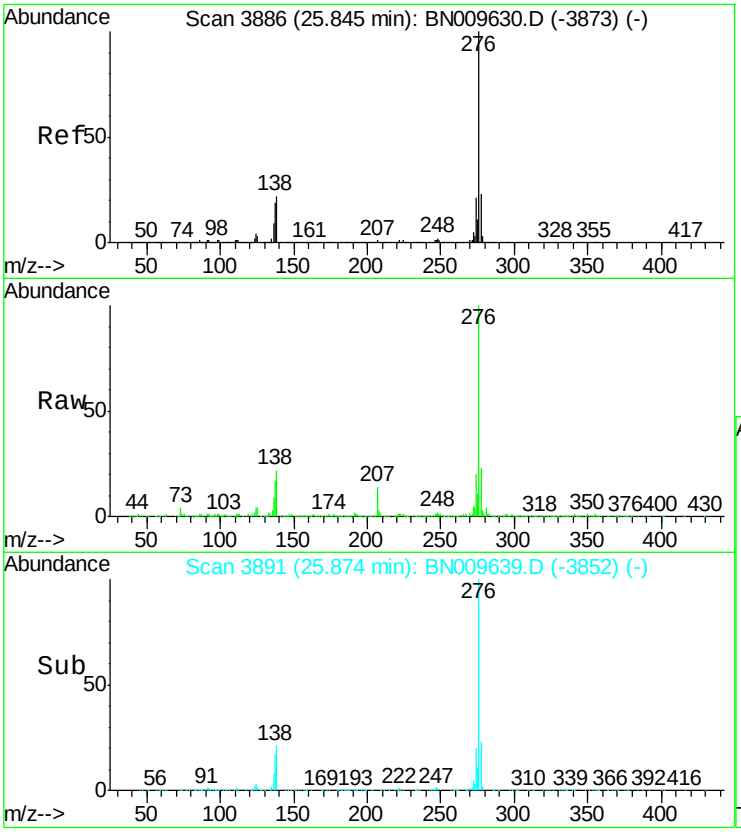


#92
Dibenzo(a,h)anthracene
Concen: 8.27 ng/ul
RT: 25.23 min Scan# 3782
Delta R.T. 0.01 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Tgt Ion:278 Resp: 461438

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.7	19.1#
279	24.4	19.8	29.8





#93
Benzo(g,h,i)perylene
Concen: 26.51 ng/ul
RT: 25.87 min Scan# 3891
Delta R.T. 0.03 min
Lab File: BN009639.D
Acq: 07 Feb 2020 09:35

Instrument :
BNA_N
ClientSampleId :
GAT74

Tgt Ion:276 Resp: 1471929

Ion	Ratio	Lower	Upper
276	100		
138	21.7	16.0	24.0
277	23.0	17.0	25.6