Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009653.D
Acq On : 07 Feb 2020 19:14
Operator : CG/JU
Sample : L1324-19DL 30X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74DL

Quant Time: Feb 07 23:20:10 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	140158	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	595364	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	365316	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	732338	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	677048	20.00	ng/ul	0.00
85) Perylene-d12	23.16	264	691862	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.66	99	5499	0.45	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.80	67	3849	0.47	ng/ul	0.02
9) 2-Chlorophenol-d4	6.97	132	4278	0.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	3828	0.39	ng/ul	0.02
19) Nitrobenzene-d5	8.60	128	1582	0.36	ng/ul	0.02
22) 2-Nitrophenol-d4	9.30	143	1393	0.28	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.86	165	3604	0.39	ng/ul	0.03
29) 4-Chloroaniline-d4	10.37	131	232	0.02	ng/ul	0.03
43) Dimethylphthalate-d6	13.50	166	14801	0.55	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	17746	0.55	ng/ul	0.00
51) 4-Nitrophenol-d4	14.36	143	449	0.09	ng/ul	0.05
57) Fluorene-d10	15.07	176	13582	0.58	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	620	0.14	ng/ul	0.02
70) Anthracene-d10	16.82	188	732338	22.01	ng/ul	-0.11
78) Pyrene-d10	19.23	212	24332	0.68	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	23765	0.70	ng/ul	0.00
Target Compounds						Qvalue
47) Acenaphthylene	13.79	152	374475	10.619	ng/ul	97
58) Fluorene	15.15	166	31255	1.120	ng/ul#	65
69) Phenanthrene	16.86	178	197206	4.722	ng/ul	98
71) Anthracene	16.96	178	217884	5.142	ng/ul	98
76) Fluoranthene	18.90	202	1943633	40.776	ng/ul	99
79) Pyrene	19.26	202	3368129	68.147	ng/ul	96
82) Benzo(a)anthracene	21.07	228	928213	19.856	ng/ul	97
84) Chrysene	21.07	228	928418	19.950	ng/ul	98
87) Benzo(b)fluoranthene	22.54	252	823835	19.032	ng/ul	99
88) Benzo(k)fluoranthene	22.54	252	823835	19.325	ng/ul	98
90) Benzo(a)pyrene	23.06	252	492957	12.292	ng/ul#	90
91) Indeno(1,2,3-cd)pyrene	25.22	276	362544	7.603	ng/ul	91
92) Dibenzo(a,h)anthracene	25.21	278	115008	2.865	ng/ul#	93
93) Benzo(g,h,i)perylene	25.84	276	365805	9.154	ng/ul	96

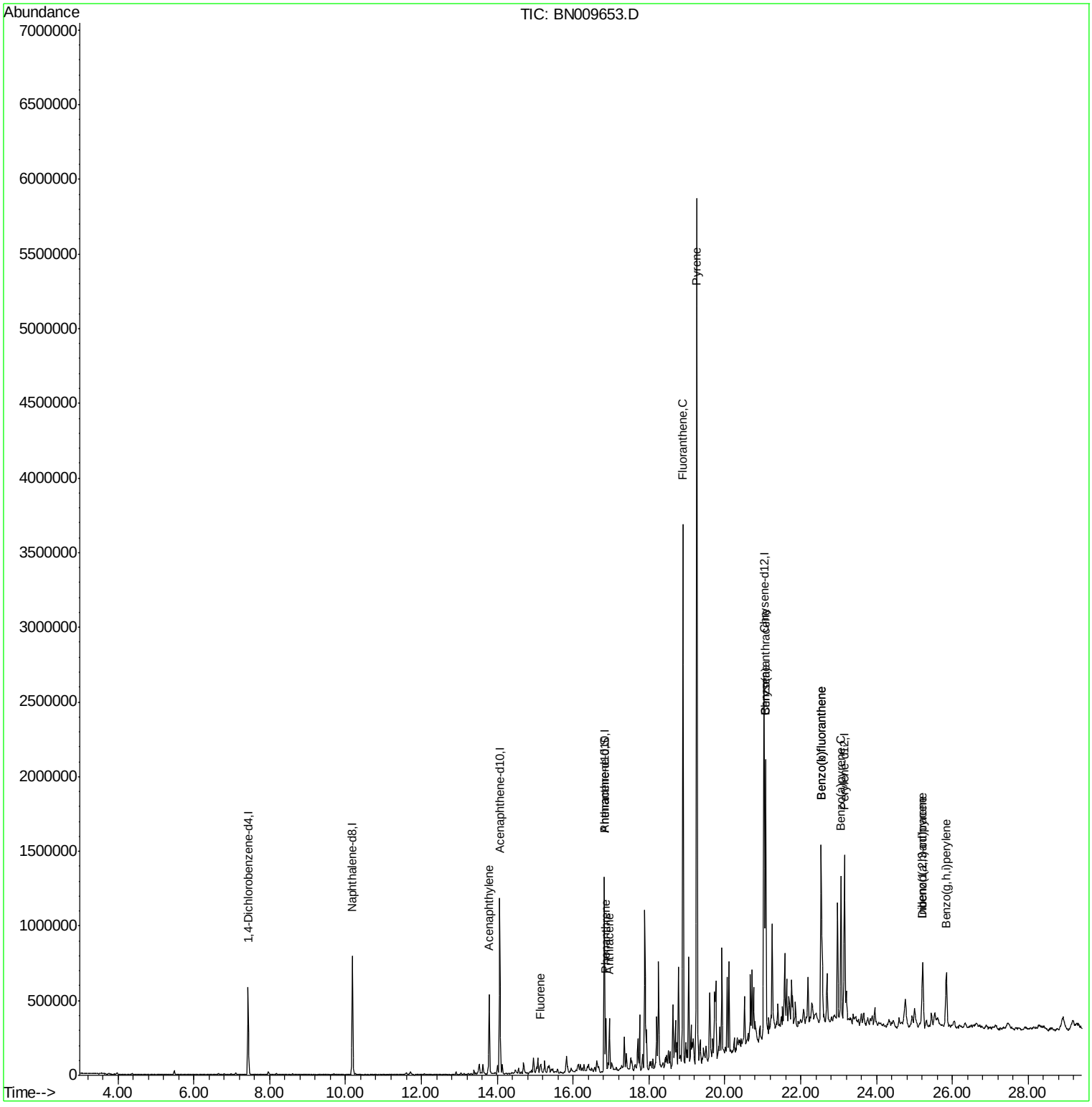
(#) = qualifier out of range (m) = manual integration (+) = signals summed

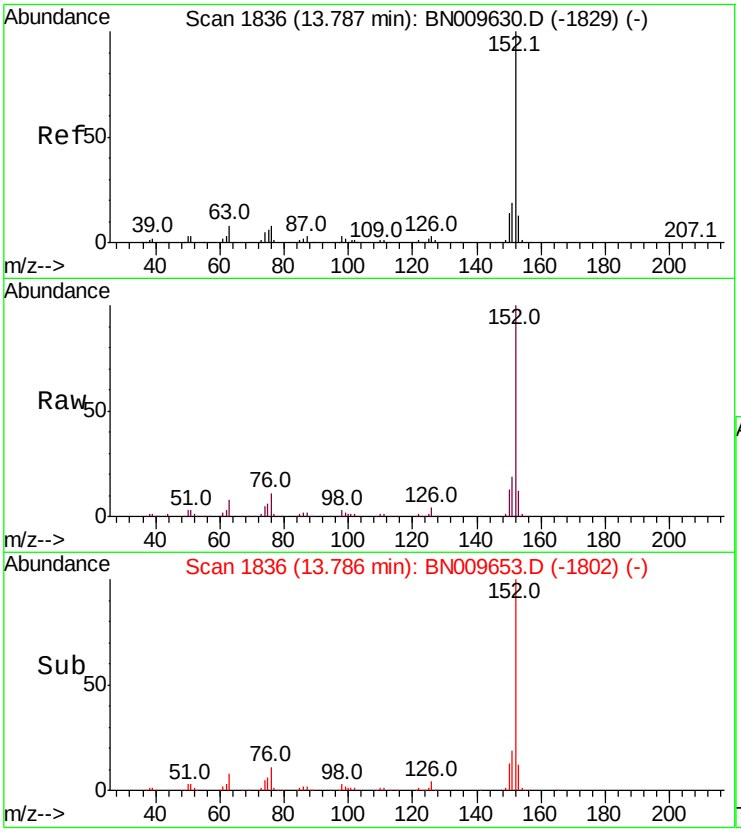
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009653.D
Acq On : 07 Feb 2020 19:14
Operator : CG/JU
Sample : L1324-19DL 30X
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT74DL

Quant Time: Feb 07 23:20:10 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



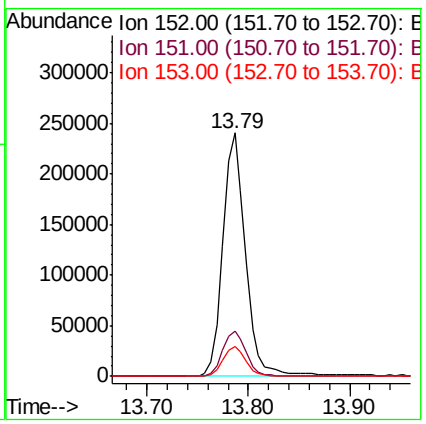


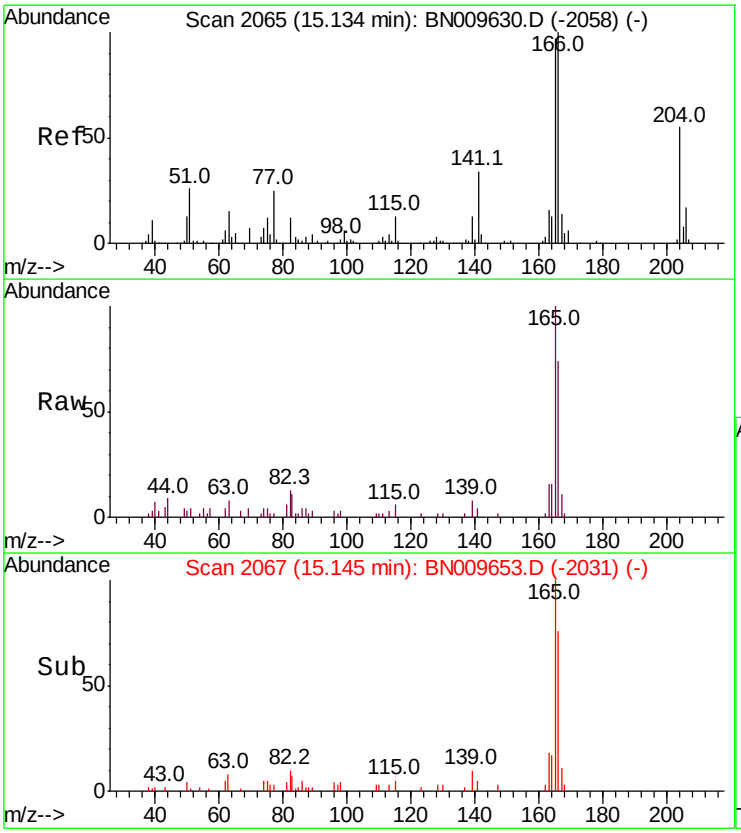
#47
Acenaphthylene
Concen: 10.619 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN009653.D
Acq: 07 Feb 2020 19:14

Instrument :
BNA_N
ClientSampleId :
GAT74DL

Tgt Ion:152 Resp: 374475

Ion	Ratio	Lower	Upper
152	100		
151	18.6	16.2	24.2
153	12.5	10.6	15.8

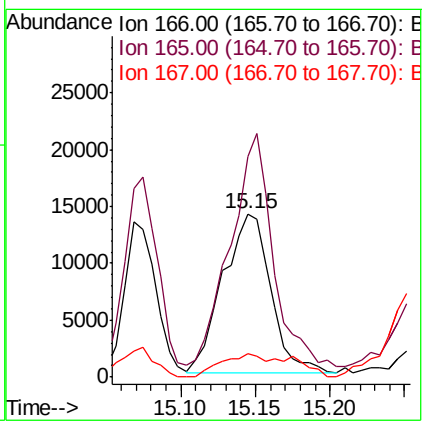


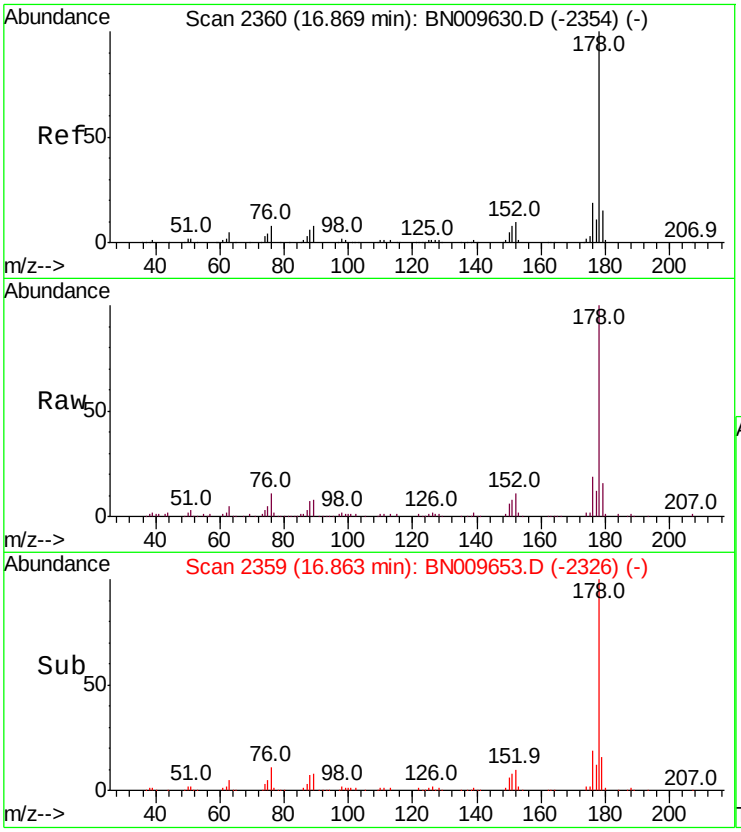


#58
Fluorene
Concen: 1.120 ng/ul
RT: 15.15 min Scan# 2067
Delta R.T. 0.01 min
Lab File: BN009653.D
Acq: 07 Feb 2020 19:14

Tgt Ion:166 Resp: 31255

Ion	Ratio	Lower	Upper
166	100		
165	135.2	76.7	115.1#
167	14.6	11.1	16.7



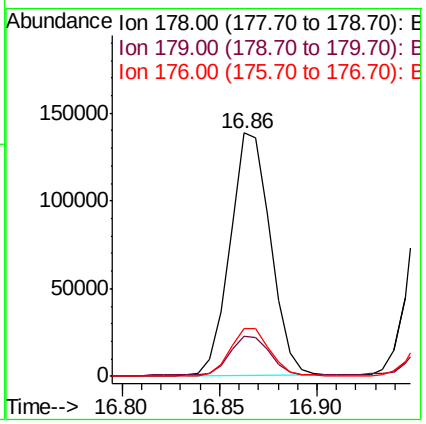


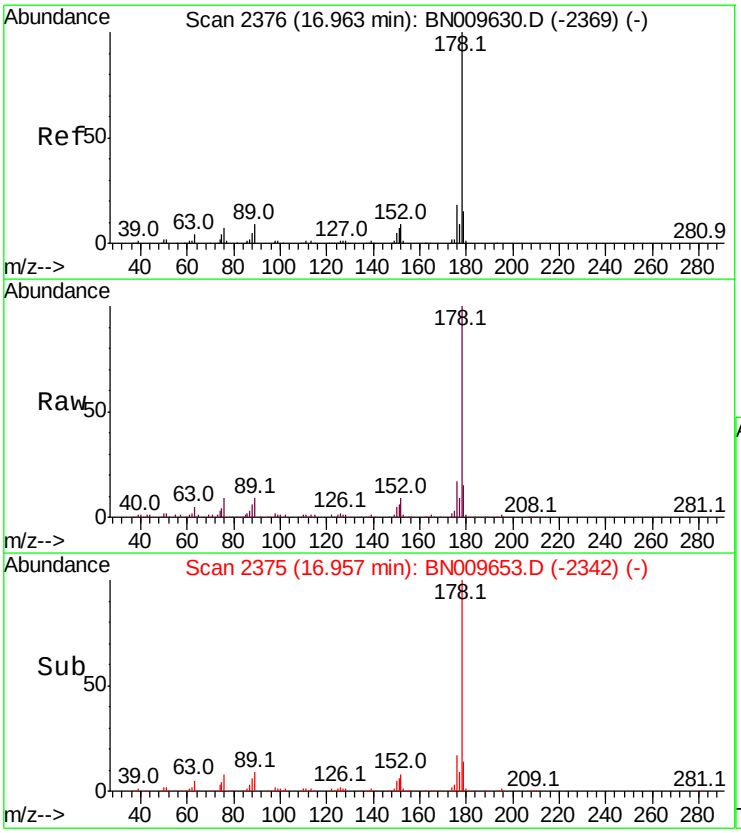
#69
Phenanthrene
Concen: 4.722 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009653.D
Acq: 07 Feb 2020 19:14

Instrument :
BNA_N
ClientSampleId :
GAT74DL

Tgt Ion:178 Resp: 197206

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.2
176	19.4	14.8	22.2

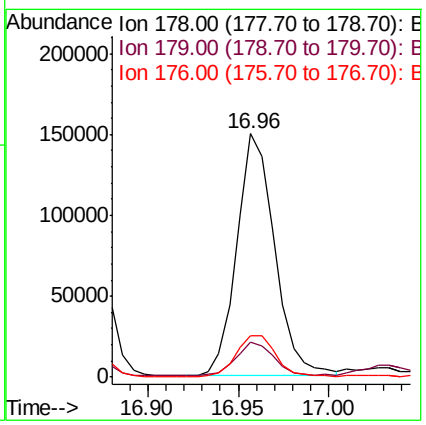


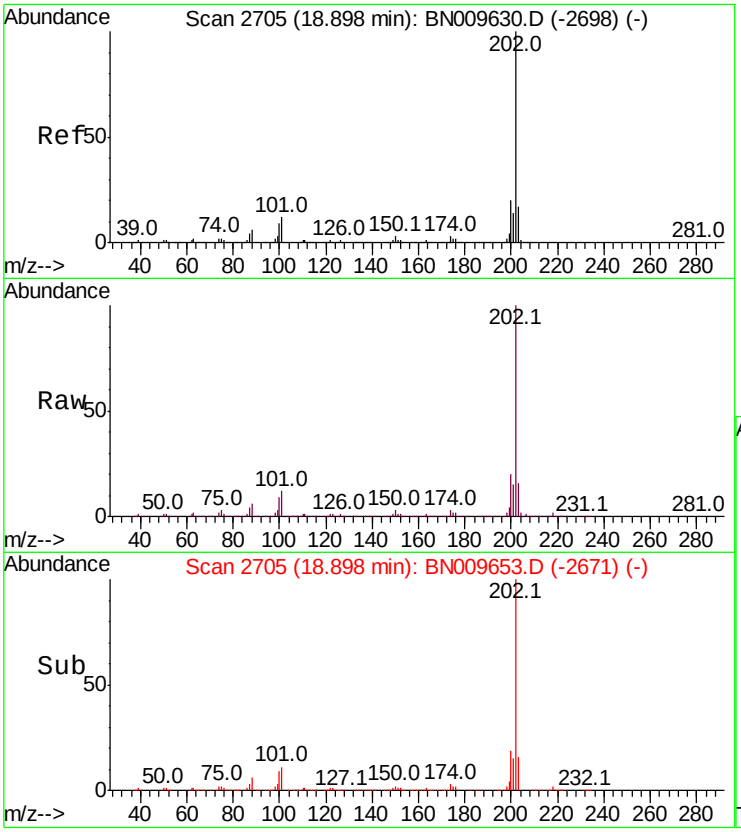


#71
Anthracene
Concen: 5.142 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN009653.D
Acq: 07 Feb 2020 19:14

Tgt Ion:178 Resp: 217884

Ion	Ratio	Lower	Upper
178	100		
179	14.6	12.1	18.1
176	17.2	14.6	21.8



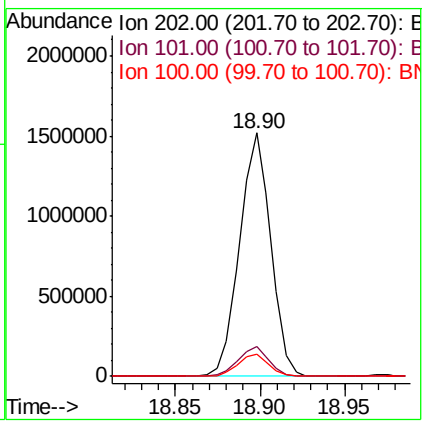


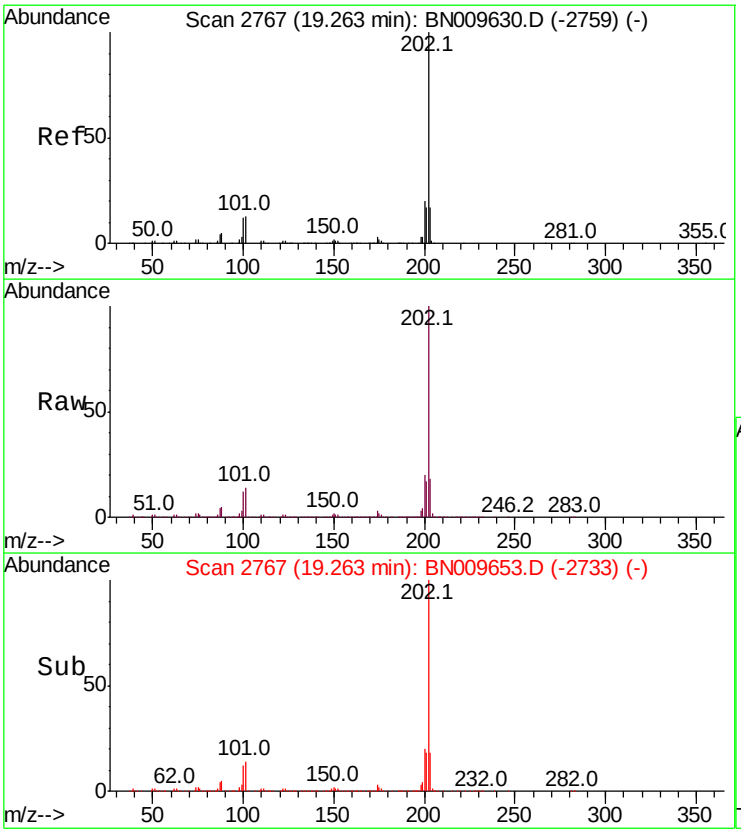
#76
Fluoranthene
Concen: 40.776 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.00 min
Lab File: BN009653.D
Acq: 07 Feb 2020 19:14

Instrument :
BNA_N
ClientSampleId :
GAT74DL

Tgt Ion:202 Resp: 1943633

Ion	Ratio	Lower	Upper
202	100		
101	12.1	9.2	13.8
100	9.1	6.9	10.3

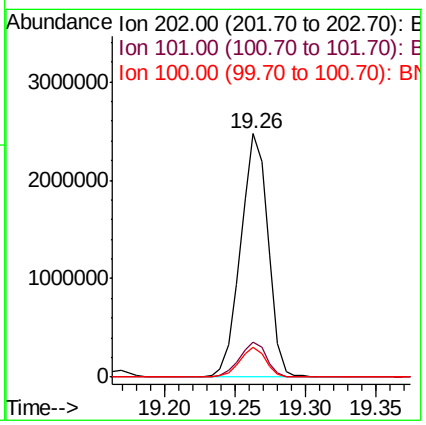


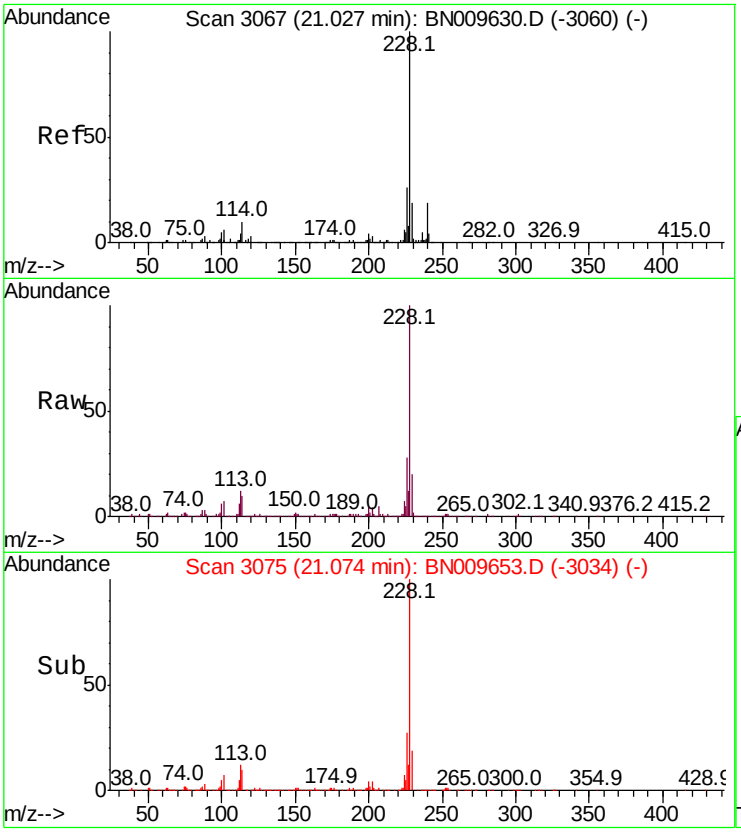


#79
Pyrene
Concen: 68.147 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BN009653.D
Acq: 07 Feb 2020 19:14

Tgt Ion:202 Resp: 3368129

Ion	Ratio	Lower	Upper
202	100		
101	14.2	10.3	15.5
100	12.0	8.4	12.6



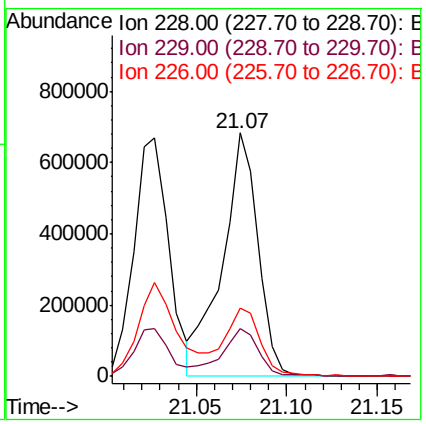


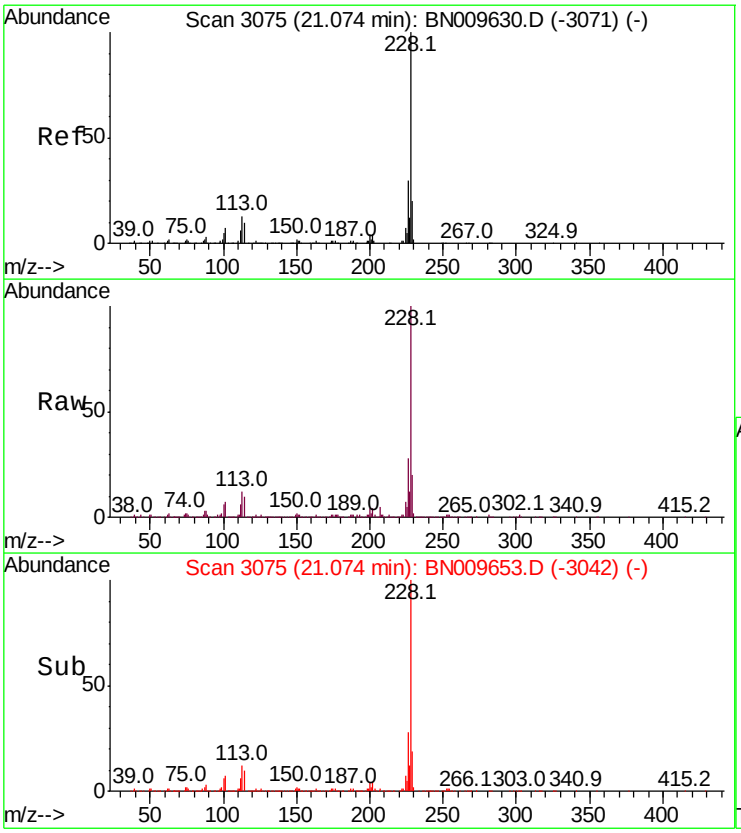
#82
Benzo(a)anthracene
Concen: 19.856 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. 0.04 min
Lab File: BN009653.D
Acq: 07 Feb 2020 19:14

Instrument :
BNA_N
ClientSampleId :
GAT74DL

Tgt Ion:228 Resp: 928213

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.0	22.4
226	27.9	20.9	31.3

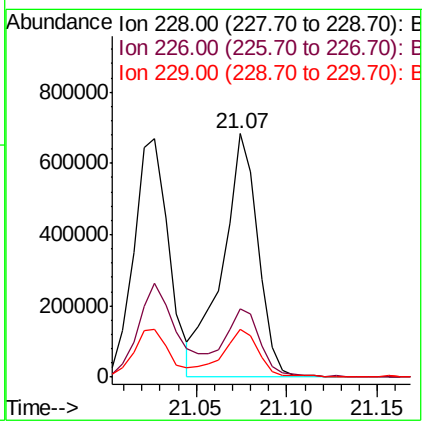


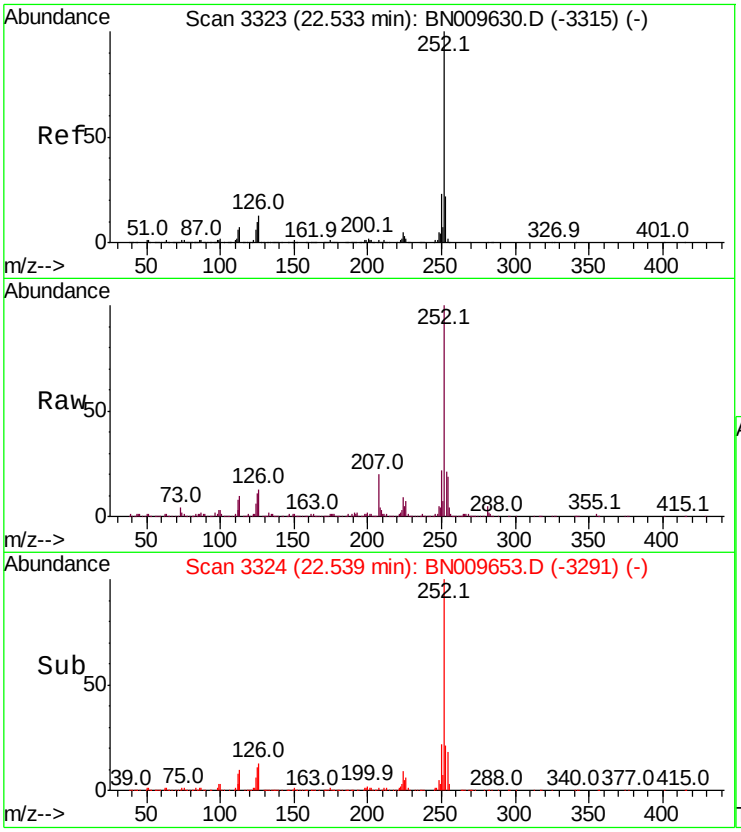


#84
Chrysene
Concen: 19.950 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009653.D
Acq: 07 Feb 2020 19:14

Tgt Ion:228 Resp: 928418

Ion	Ratio	Lower	Upper
228	100		
226	27.9	23.5	35.3
229	19.6	15.8	23.8



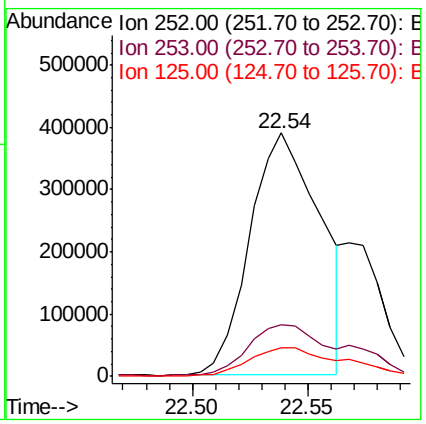


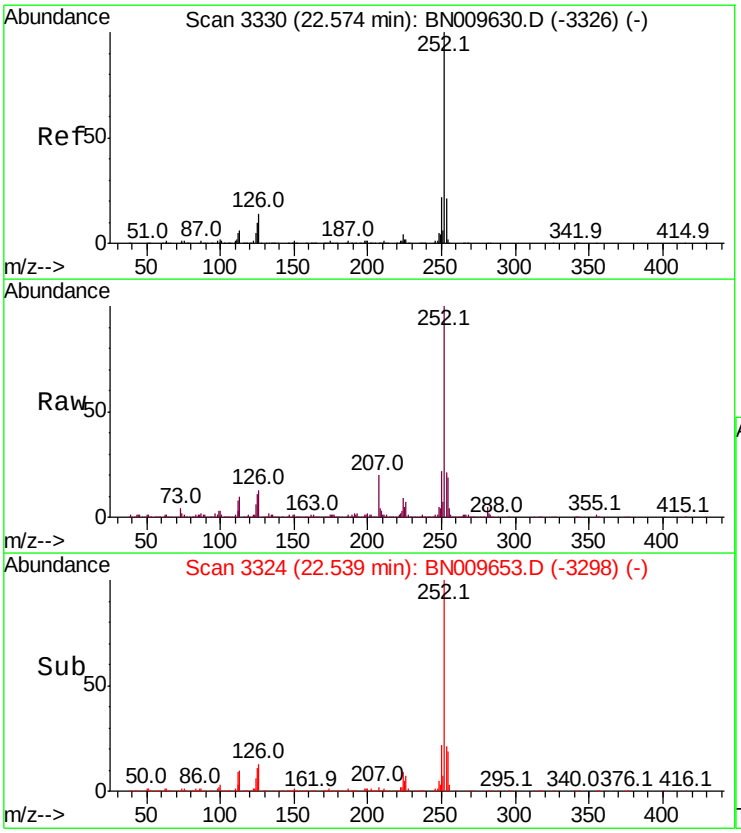
#87
Benzo(b)fluoranthene
Concen: 19.032 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. -0.01 min
Lab File: BN009653.D
Acq: 07 Feb 2020 19:14

Instrument :
BNA_N
ClientSampleId :
GAT74DL

Tgt Ion:252 Resp: 823835

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.6
125	11.5	8.2	12.2

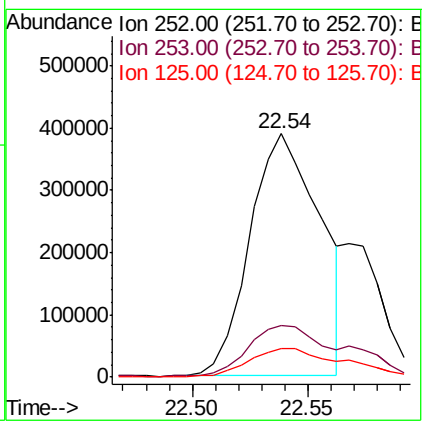


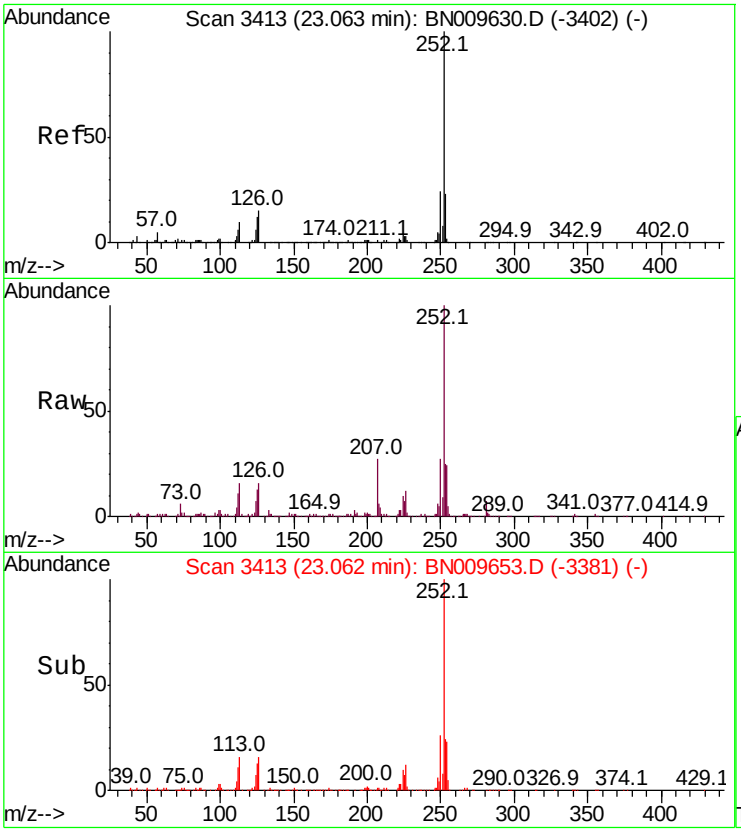


#88
Benzo(k)fluoranthene
Concen: 19.325 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. -0.05 min
Lab File: BN009653.D
Acq: 07 Feb 2020 19:14

Tgt Ion:252 Resp: 823835

Ion	Ratio	Lower	Upper
252	100		
253	21.0	17.0	25.4
125	11.5	8.0	12.0



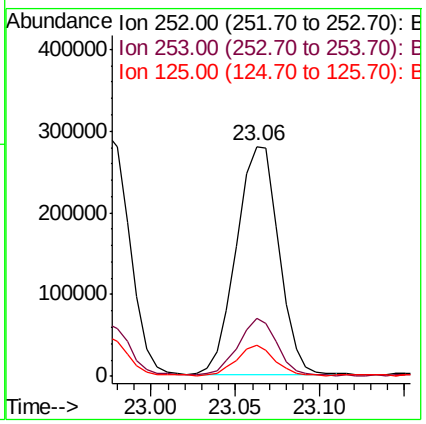


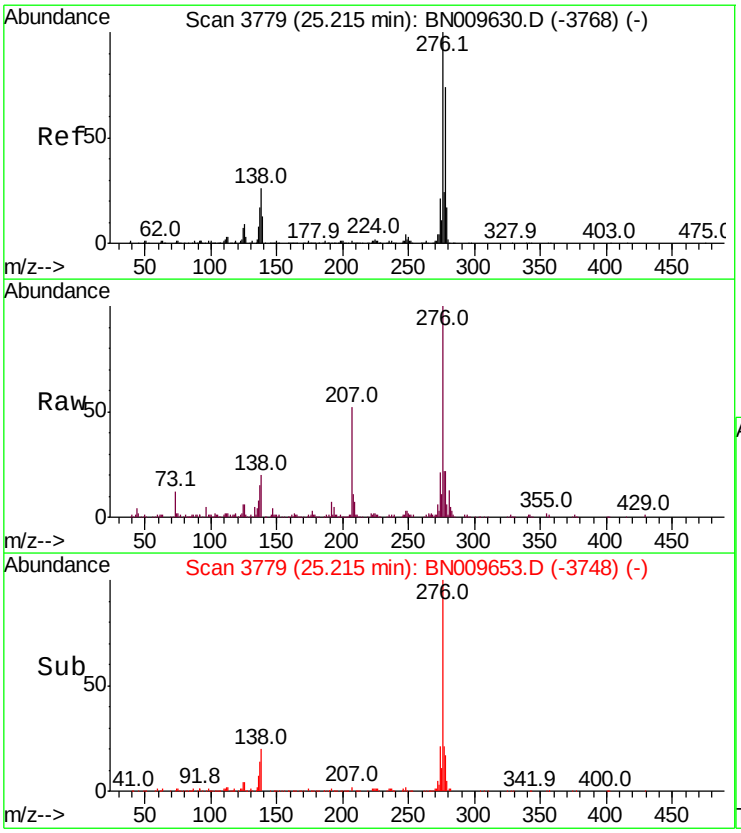
#90
Benzo(a)pyrene
Concen: 12.292 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009653.D
Acq: 07 Feb 2020 19:14

Instrument :
BNA_N
ClientSampleId :
GAT74DL

Tgt Ion:252 Resp: 492957

Ion	Ratio	Lower	Upper
252	100		
253	25.1	15.8	23.8#
125	13.3	8.7	13.1#

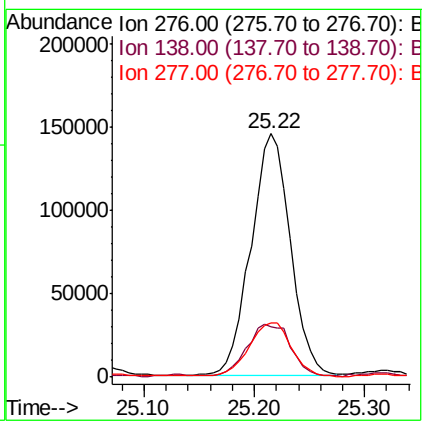


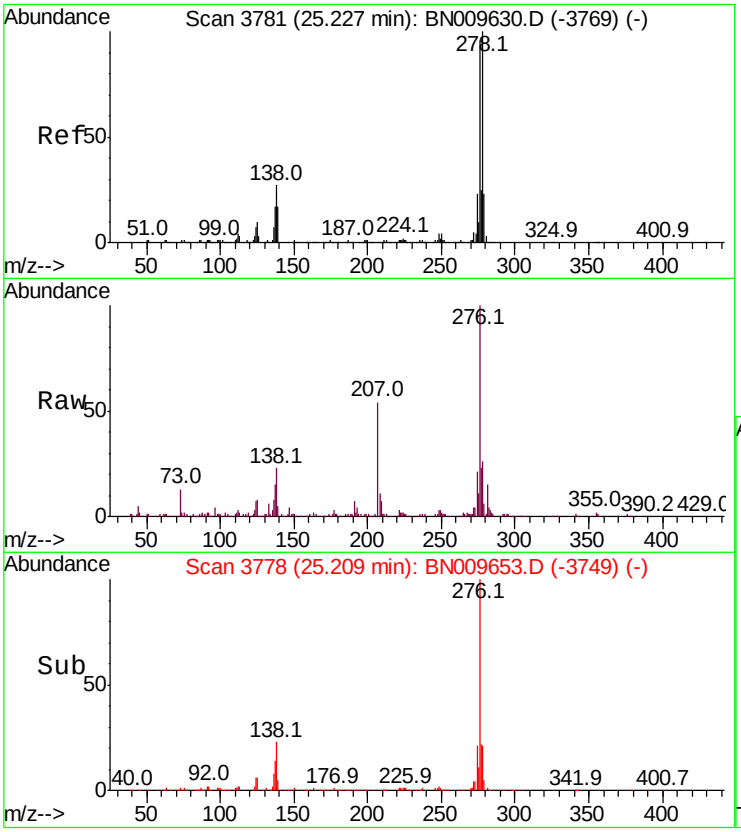


#91
Indeno(1,2,3-cd)pyrene
Concen: 7.603 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.02 min
Lab File: BN009653.D
Acq: 07 Feb 2020 19:14

Tgt Ion:276 Resp: 362544

Ion	Ratio	Lower	Upper
276	100		
138	20.5	20.3	30.5
277	22.0	21.2	31.8



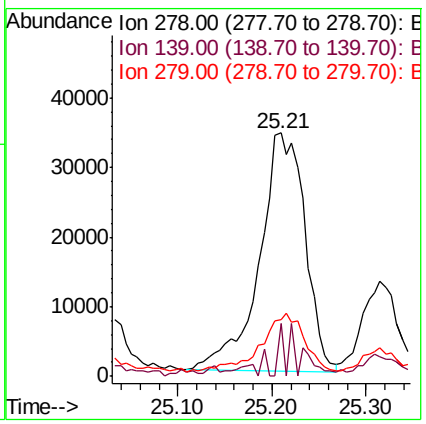


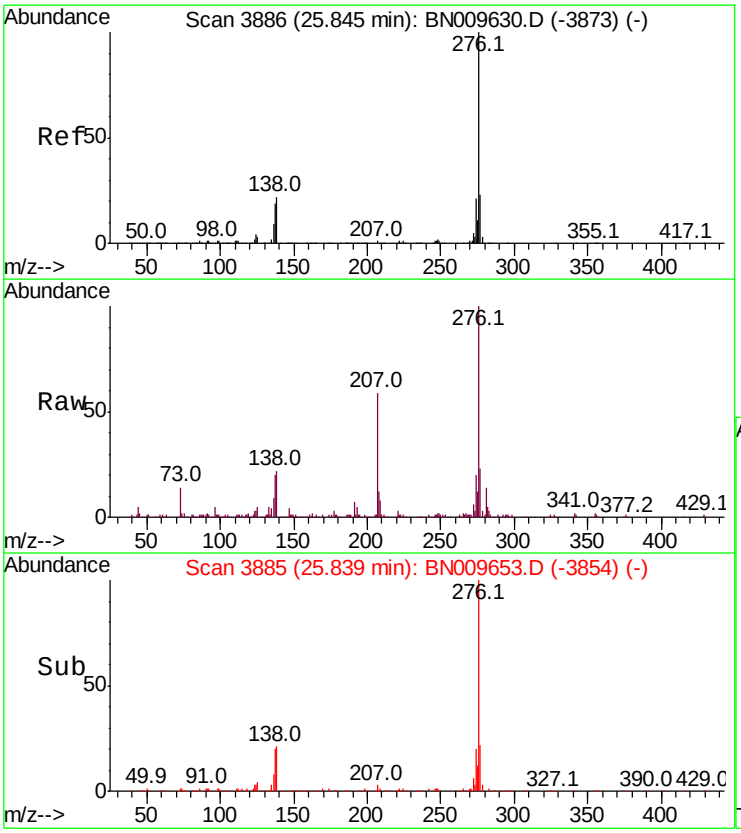
#92
Dibenzo(a,h)anthracene
Concen: 2.865 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.03 min
Lab File: BN009653.D
Acq: 07 Feb 2020 19:14

Instrument :
BNA_N
ClientSampleId :
GAT74DL

Tgt Ion:278 Resp: 115008

Ion	Ratio	Lower	Upper
278	100		
139	21.5	12.7	19.1#
279	23.2	19.8	29.8





#93
Benzo(g,h,i)perylene
Concen: 9.154 ng/ul
RT: 25.84 min Scan# 3885
Delta R.T. -0.02 min
Lab File: BN009653.D
Acq: 07 Feb 2020 19:14

Tgt Ion:276 Resp: 365805

Ion	Ratio	Lower	Upper
276	100		
138	22.0	16.0	24.0
277	22.8	17.0	25.6