Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009654.D
Acq On : 07 Feb 2020 19:50
Operator : CG/JU
Sample : L1324-12DL2 25X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT67DL2

Quant Time: Feb 07 23:20:22 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	186367	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	771613	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	471231	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	993477	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	926384	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	937530	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.65	99	6126	0.38	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	5469	0.50	ng/ul	0.02
9) 2-Chlorophenol-d4	6.98	132	5026	0.42	ng/ul	0.00
13) 4-Methylphenol-d8	8.16	113	4076	0.31	ng/ul	0.01
19) Nitrobenzene-d5	8.59	128	2789	0.49	ng/ul	0.02
22) 2-Nitrophenol-d4	9.29	143	1945	0.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	3643	0.30	ng/ul	0.02
29) 4-Chloroaniline-d4	10.35	131	1108	0.09	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	17621	0.51	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	19769	0.48	ng/ul	0.00
51) 4-Nitrophenol-d4	14.29	143	1151	0.18	ng/ul	-0.02
57) Fluorene-d10	15.07	176	16625	0.55	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.25	200	1550	0.25	ng/ul	0.03
70) Anthracene-d10	16.93	188	28225	0.63	ng/ul	0.00
78) Pyrene-d10	19.23	212	26386	0.54	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	25048	0.54	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.23	128	1910316	45.653	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	967071	33.025	ng/ul	99
40) 1,1'-Biphenyl	12.89	154	102716	2.800	ng/ul	99
47) Acenaphthylene	13.79	152	73460	1.615	ng/ul#	91
49) Acenaphthene	14.13	153	331972	10.736	ng/ul	98
53) Dibenzofuran	14.47	168	46094	1.070	ng/ul	92
58) Fluorene	15.13	166	225302	6.261	ng/ul	97
69) Phenanthrene	16.87	178	1146836	20.242	ng/ul	99
71) Anthracene	16.96	178	242481	4.218	ng/ul	99
76) Fluoranthene	18.89	202	244593	3.783	ng/ul	98
79) Pyrene	19.26	202	368898	5.455	ng/ul	98
82) Benzo(a)anthracene	21.03	228	133814	2.092	ng/ul#	89
84) Chrysene	21.07	228	111118	1.745	ng/ul	96
87) Benzo(b)fluoranthene	22.54	252	59552	1.015	ng/ul#	93
88) Benzo(k)fluoranthene	22.54	252	59552	1.031	ng/ul#	93
90) Benzo(a)pyrene	23.06	252	74435	1.370	ng/ul#	93

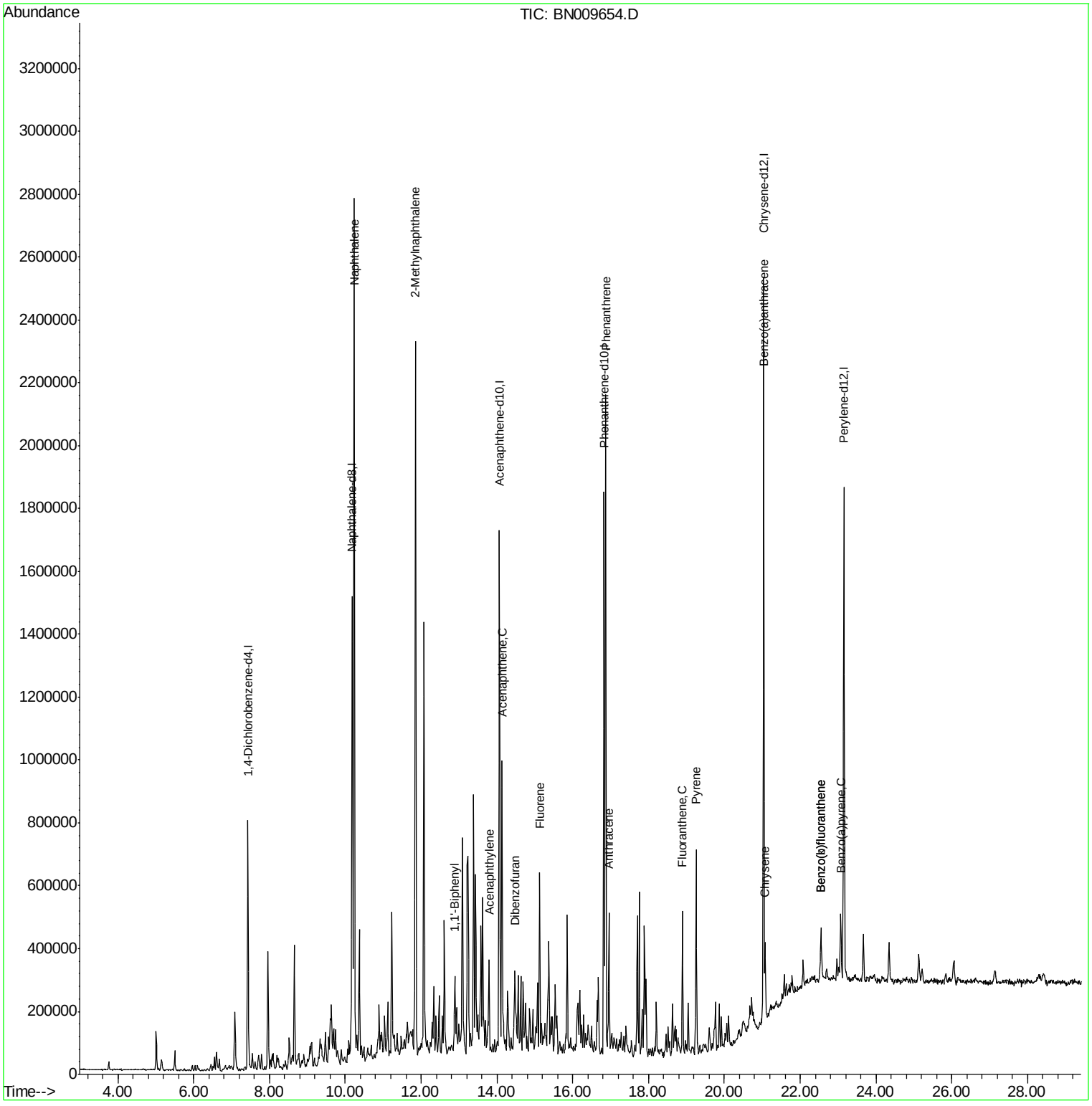
(#) = qualifier out of range (m) = manual integration (+) = signals summed

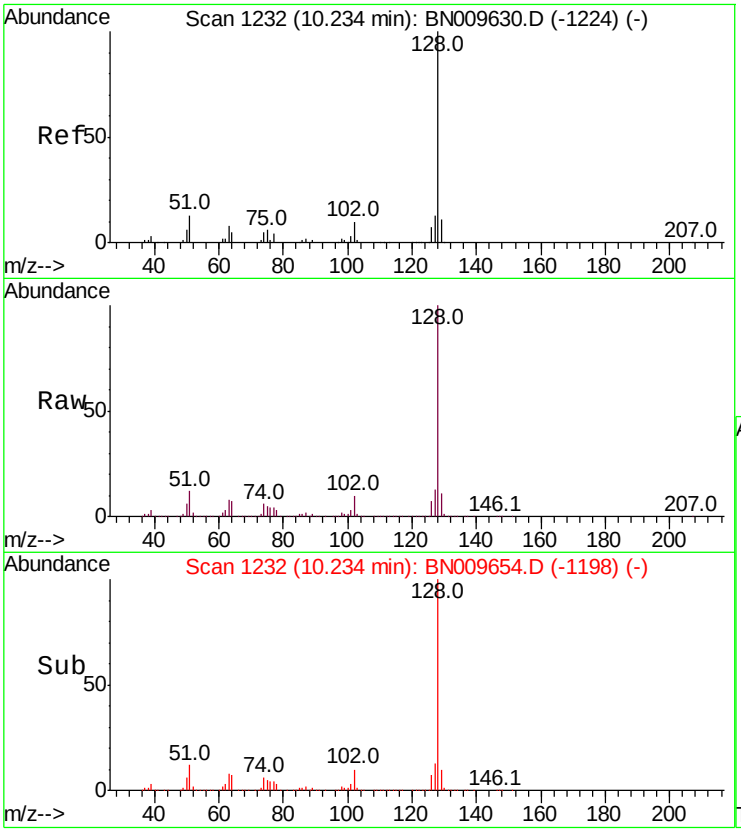
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009654.D
Acq On : 07 Feb 2020 19:50
Operator : CG/JU
Sample : L1324-12DL2 25X
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT67DL2

Quant Time: Feb 07 23:20:22 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



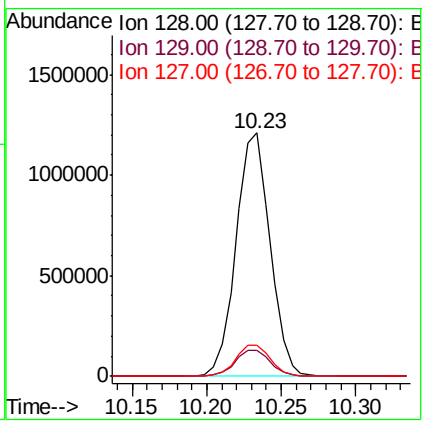


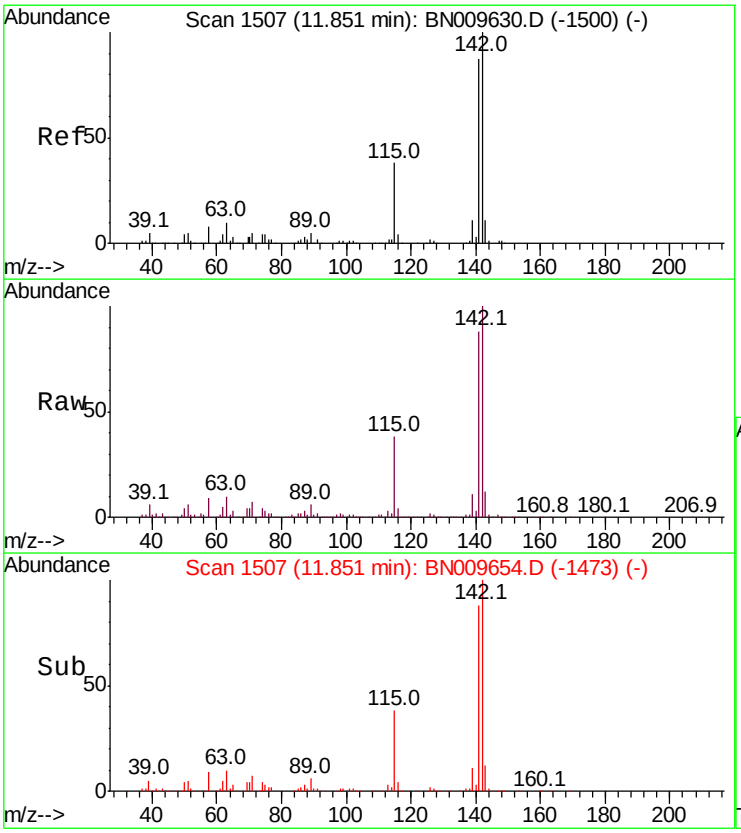
#28
Naphthalene
Concen: 45.653 ng/ul
RT: 10.23 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Instrument :
BNA_N
ClientSampleId :
GAT67DL2

Tgt Ion:128 Resp: 1910316

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	12.9	10.7	16.1

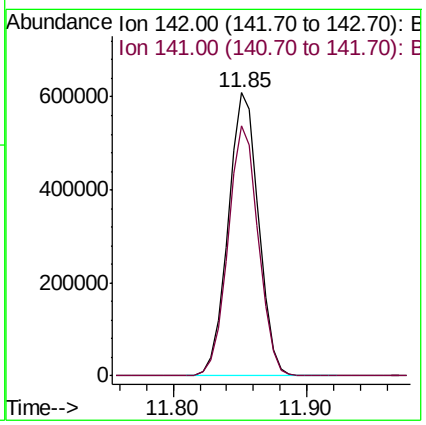


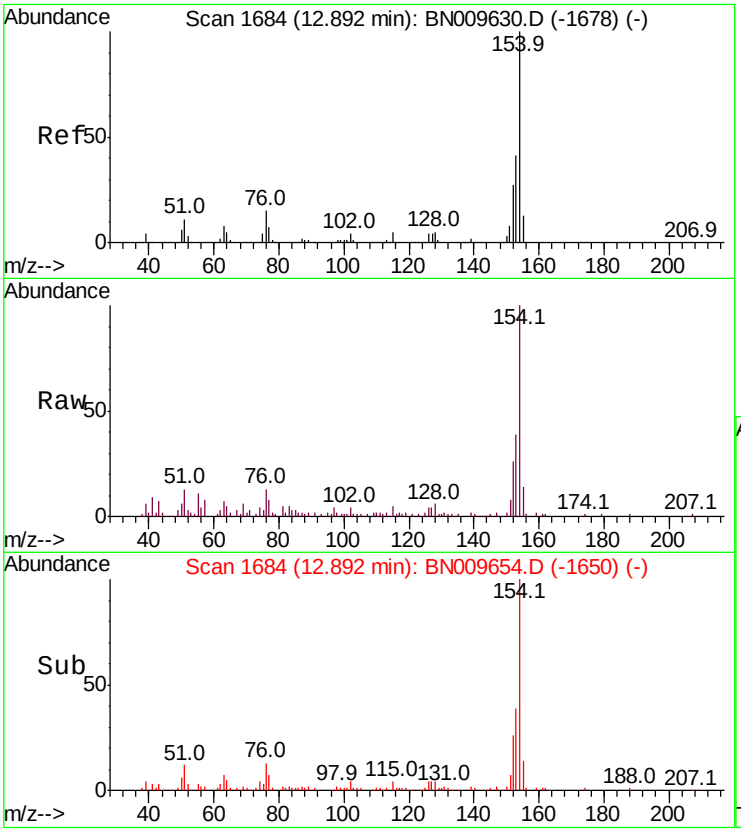


#34
2-Methylnaphthalene
Concen: 33.025 ng/ul
RT: 11.85 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Tgt Ion:142 Resp: 967071

Ion	Ratio	Lower	Upper
142	100		
141	88.3	71.5	107.3



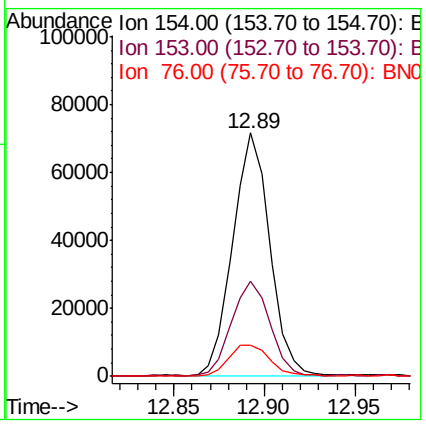


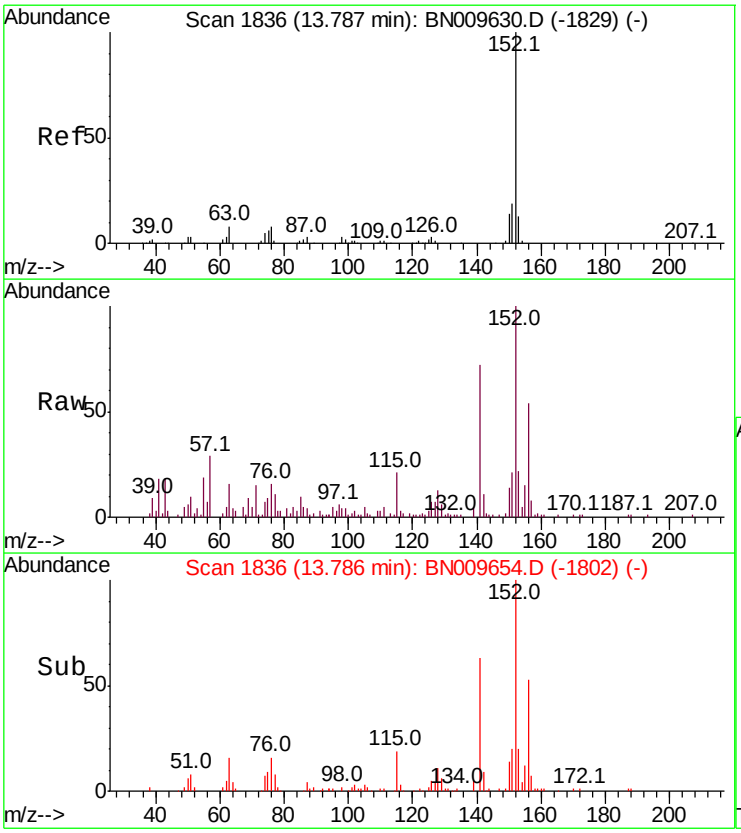
#40
1,1'-Biphenyl
Concen: 2.800 ng/ul
RT: 12.89 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Instrument :
BNA_N
ClientSampleId :
GAT67DL2

Tgt Ion:154 Resp: 102716

Ion	Ratio	Lower	Upper
154	100		
153	39.0	31.2	46.8
76	12.9	11.4	17.2

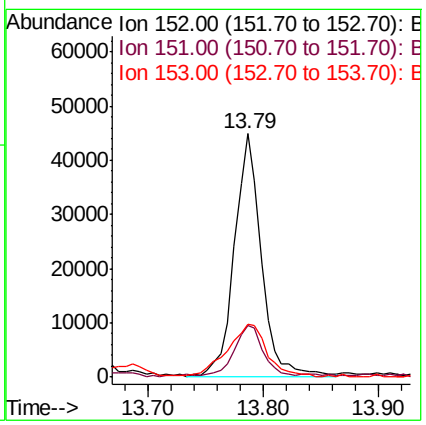


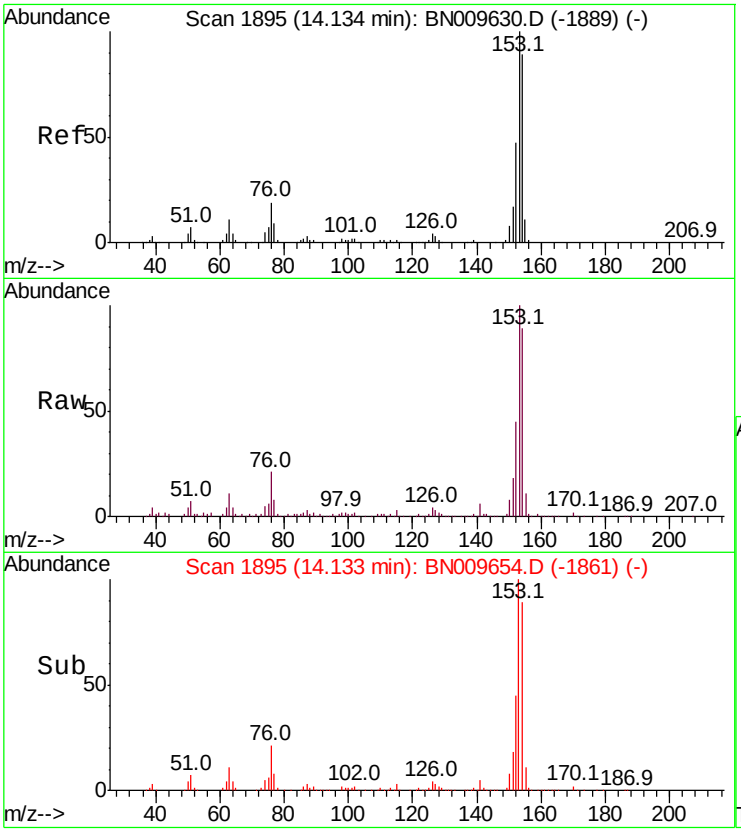


#47
Acenaphthylene
Concen: 1.615 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Tgt Ion:152 Resp: 73460

Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.2	24.2
153	21.6	10.6	15.8#



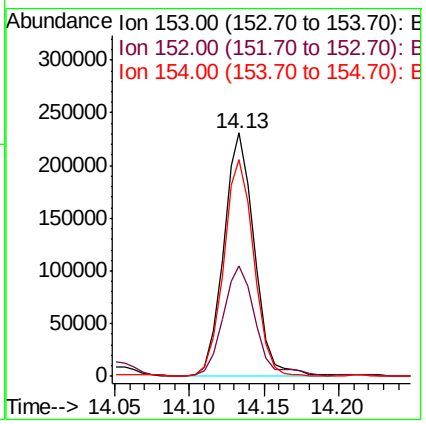


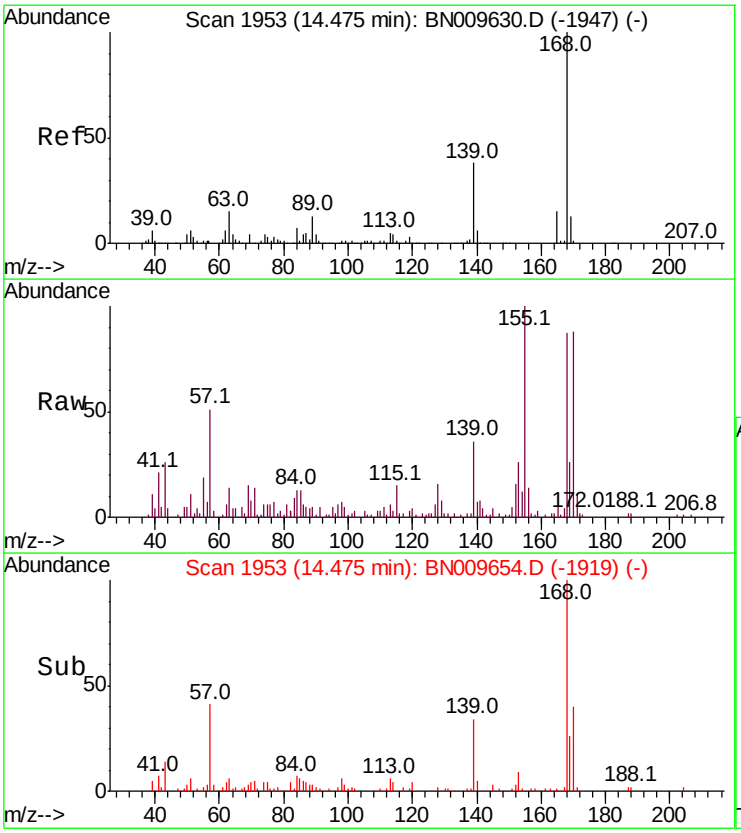
#49
Acenaphthene
Concen: 10.736 ng/ul
RT: 14.13 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Instrument :
BNA_N
ClientSampleId :
GAT67DL2

Tgt Ion:153 Resp: 331972

Ion	Ratio	Lower	Upper
153	100		
152	45.1	37.3	55.9
154	89.3	70.2	105.2

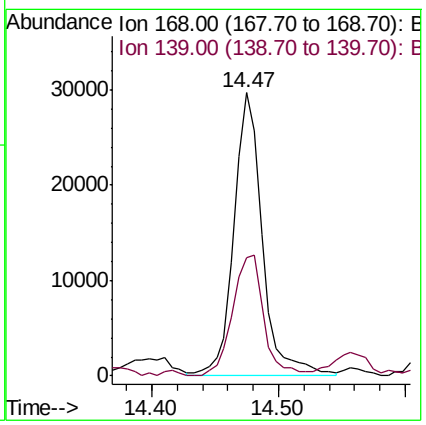


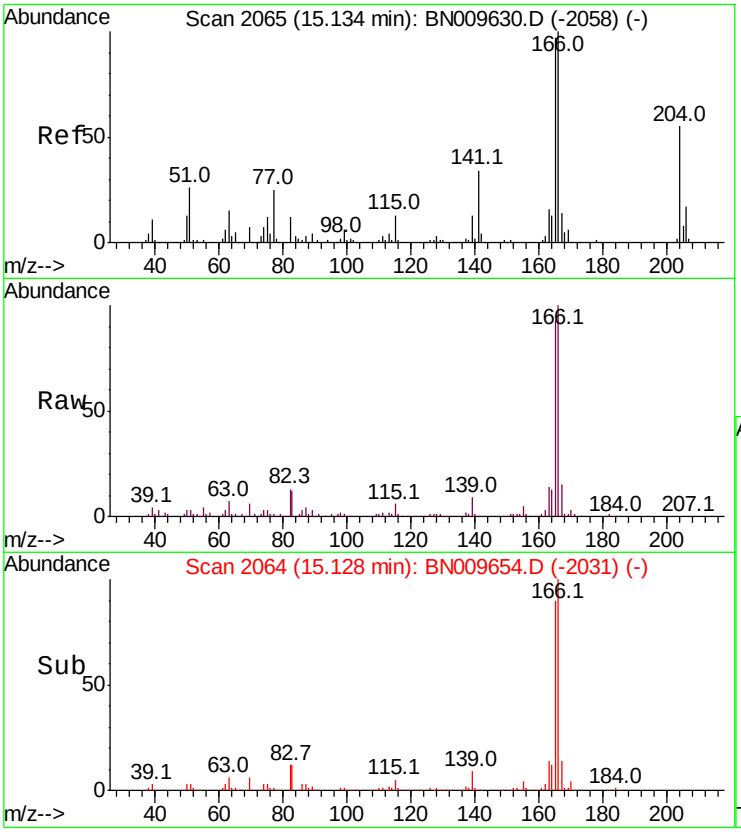


#53
Dibenzofuran
Concen: 1.070 ng/ul
RT: 14.47 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Tgt Ion:168 Resp: 46094

Ion	Ratio	Lower	Upper
168	100		
139	41.7	29.5	44.3



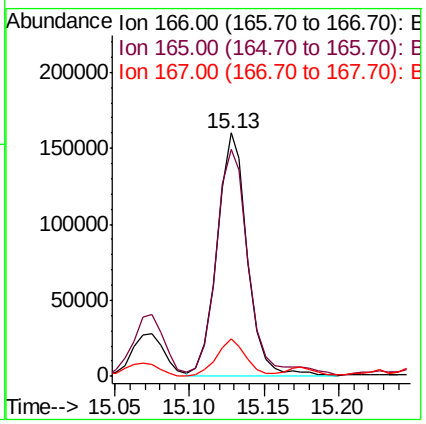


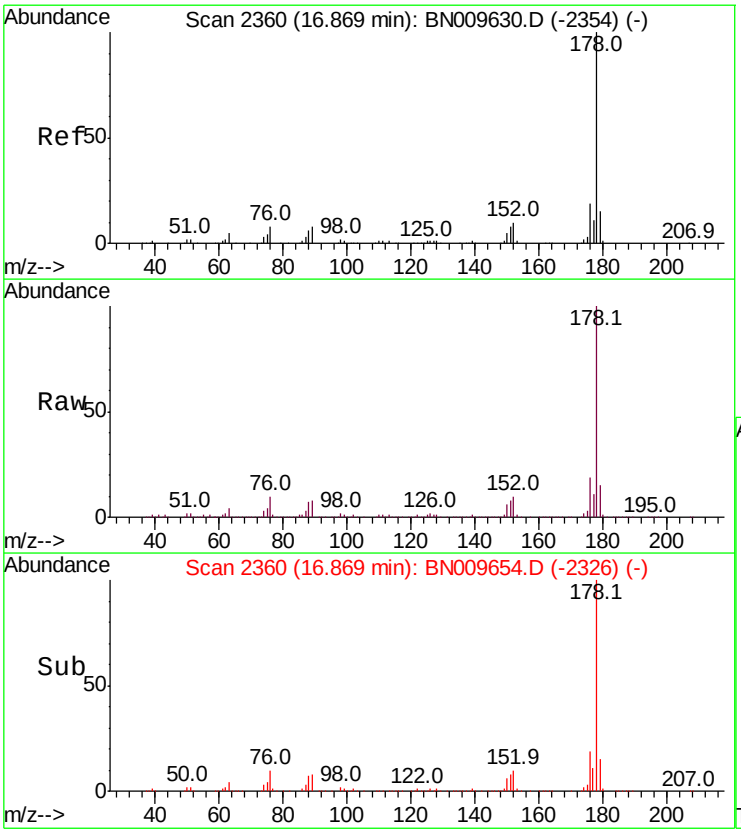
#58
Fluorene
Concen: 6.261 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Instrument :
BNA_N
ClientSampleId :
GAT67DL2

Tgt Ion:166 Resp: 225302

Ion	Ratio	Lower	Upper
166	100		
165	93.0	76.7	115.1
167	15.2	11.1	16.7

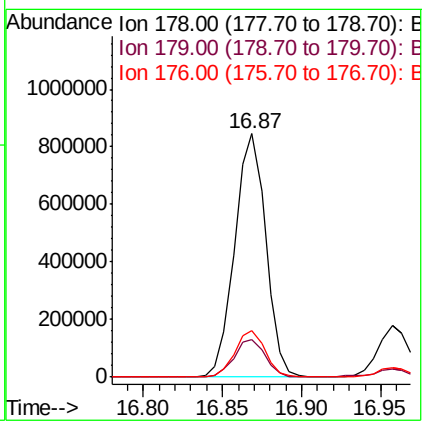


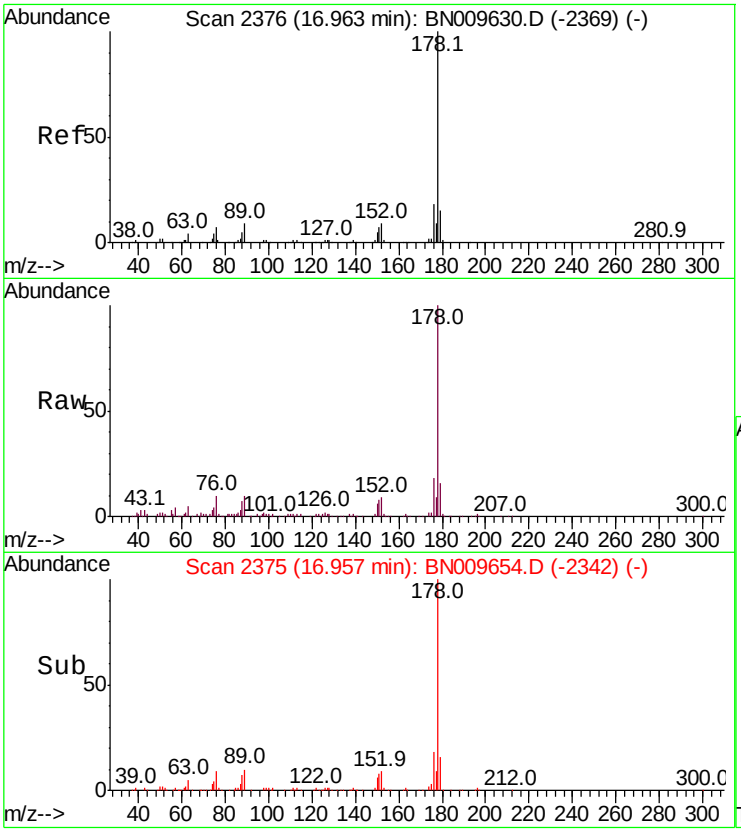


#69
Phenanthrene
Concen: 20.242 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.00 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Tgt Ion:178 Resp: 1146836

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	19.2	14.8	22.2



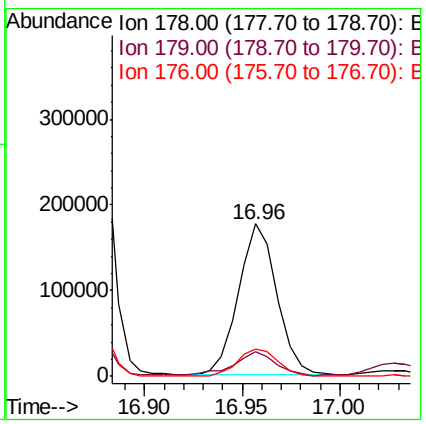


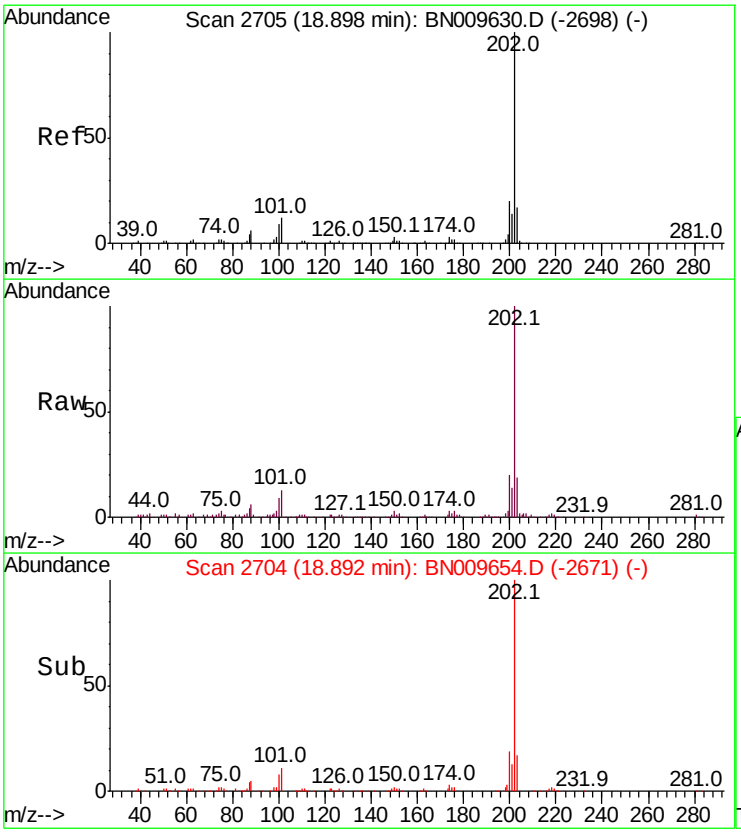
#71
Anthracene
Concen: 4.218 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Instrument :
BNA_N
ClientSampleId :
GAT67DL2

Tgt Ion:178 Resp: 242481

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.1	18.1
176	18.1	14.6	21.8

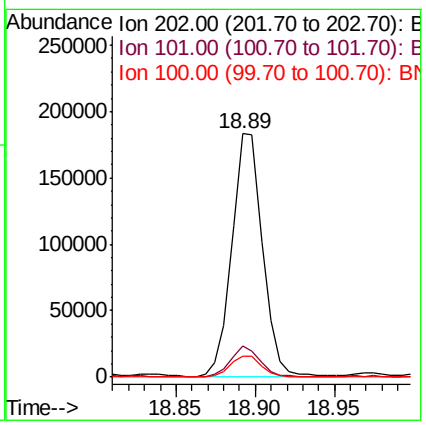


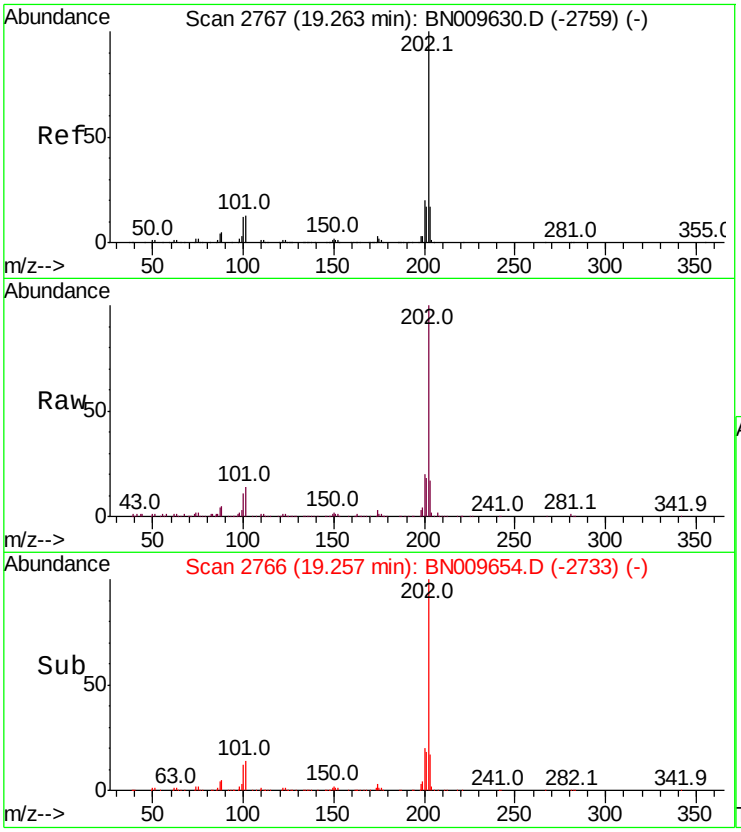


#76
Fluoranthene
Concen: 3.783 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. -0.01 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Tgt Ion:202 Resp: 244593

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.2	13.8
100	8.6	6.9	10.3



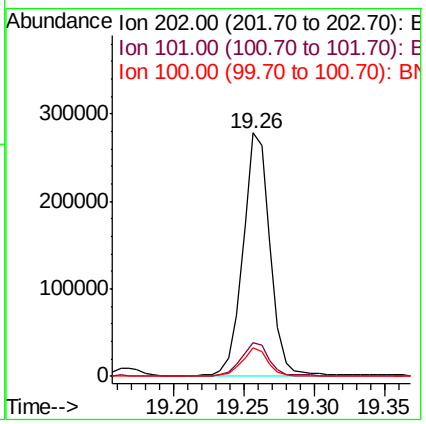


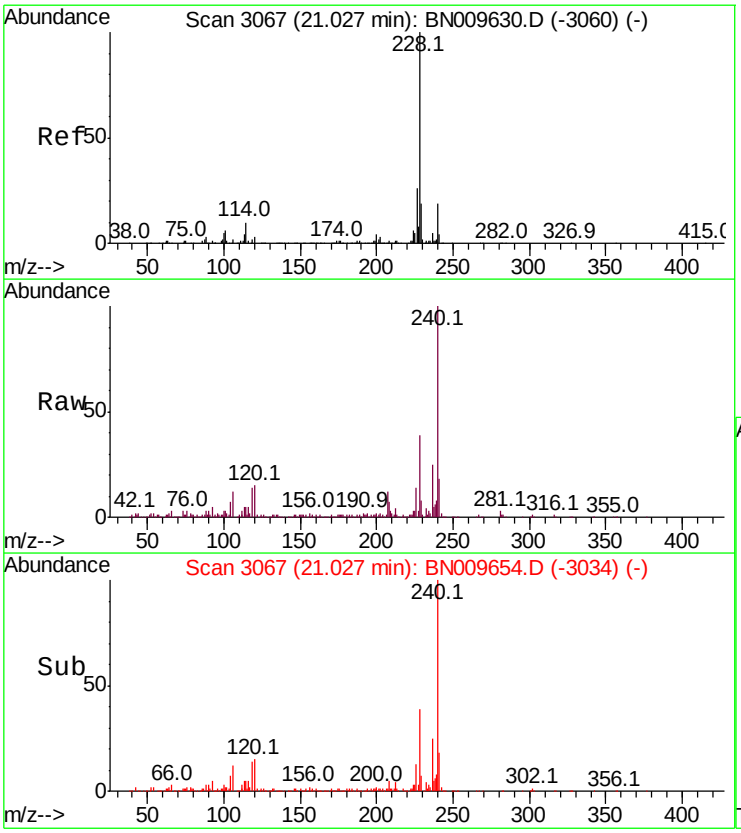
#79
Pyrene
Concen: 5.455 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Instrument :
BNA_N
ClientSampleId :
GAT67DL2

Tgt Ion:202 Resp: 368898

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.3	15.5
100	11.5	8.4	12.6

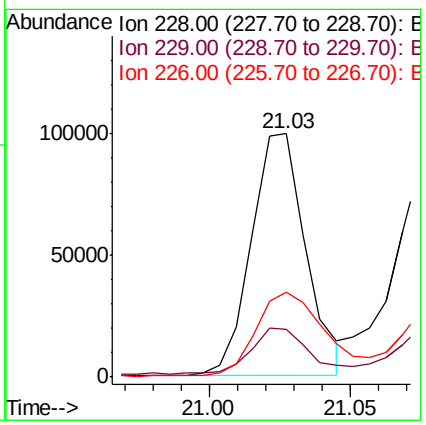


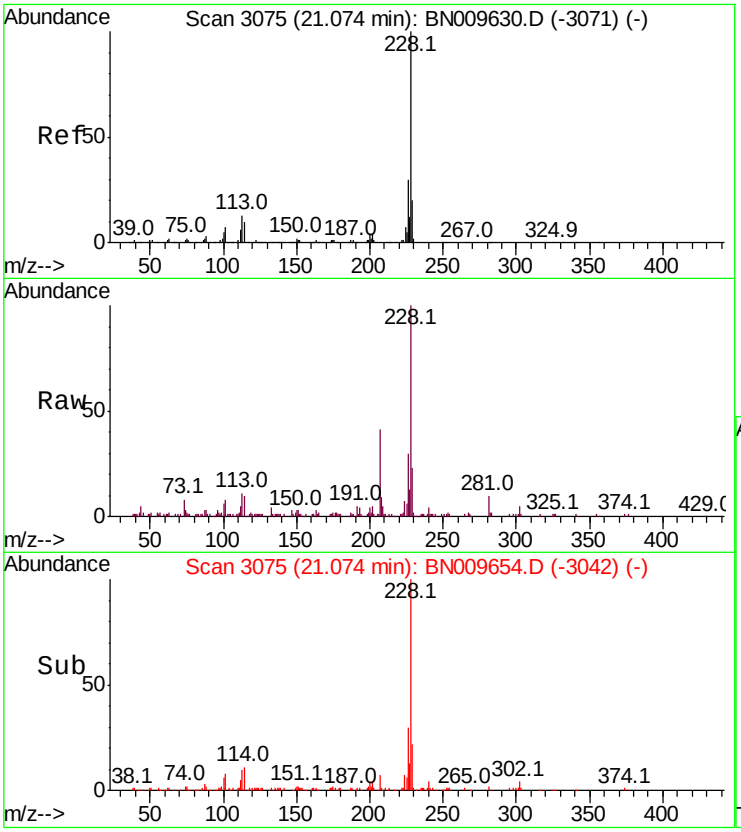


#82
Benzo(a)anthracene
Concen: 2.092 ng/ul
RT: 21.03 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Tgt Ion:228 Resp: 133814

Ion	Ratio	Lower	Upper
228	100		
229	19.7	15.0	22.4
226	34.7	20.9	31.3#



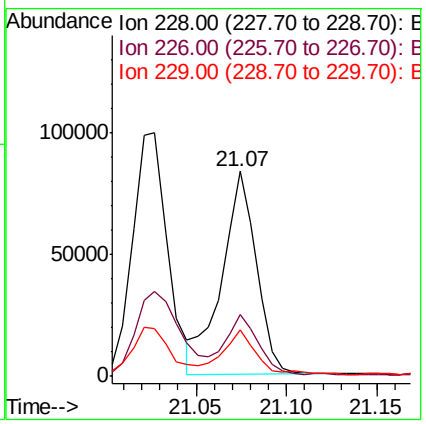


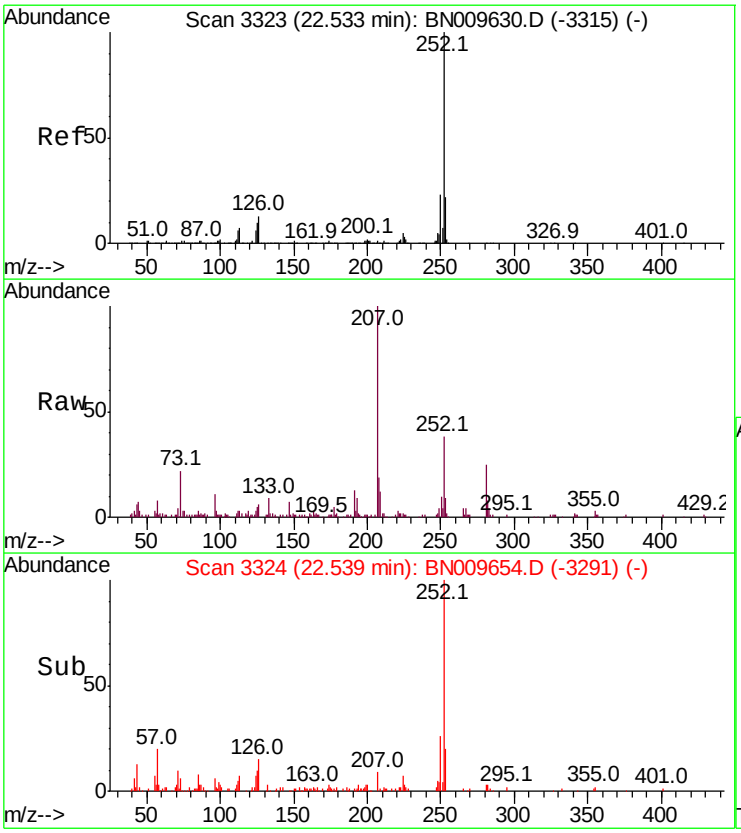
#84
Chrysene
Concen: 1.745 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Instrument :
BNA_N
ClientSampleId :
GAT67DL2

Tgt Ion:228 Resp: 111118

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.5	35.3
229	22.9	15.8	23.8

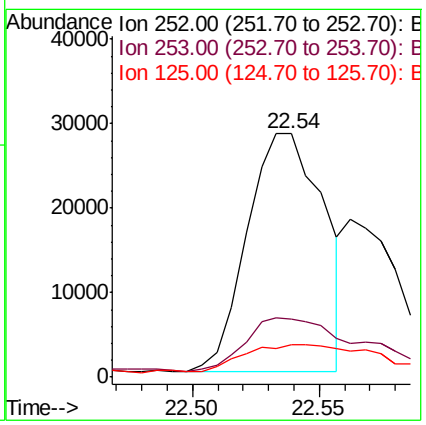


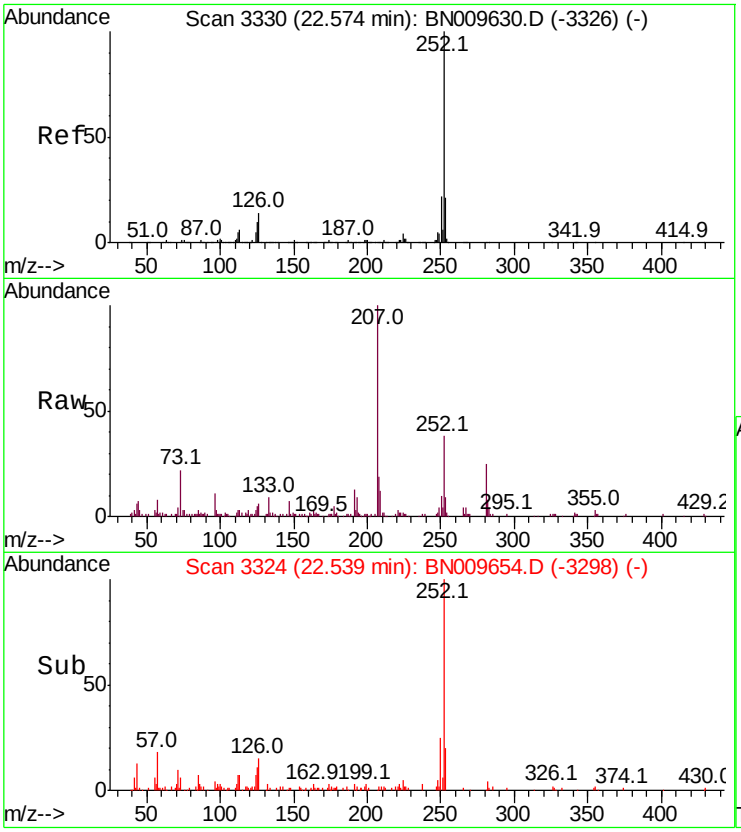


#87
Benzo(b)fluoranthene
Concen: 1.015 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. -0.01 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Tgt Ion:252 Resp: 59552

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.6
125	13.2	8.2	12.2#



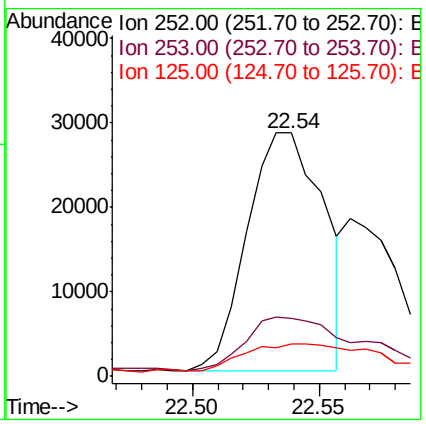


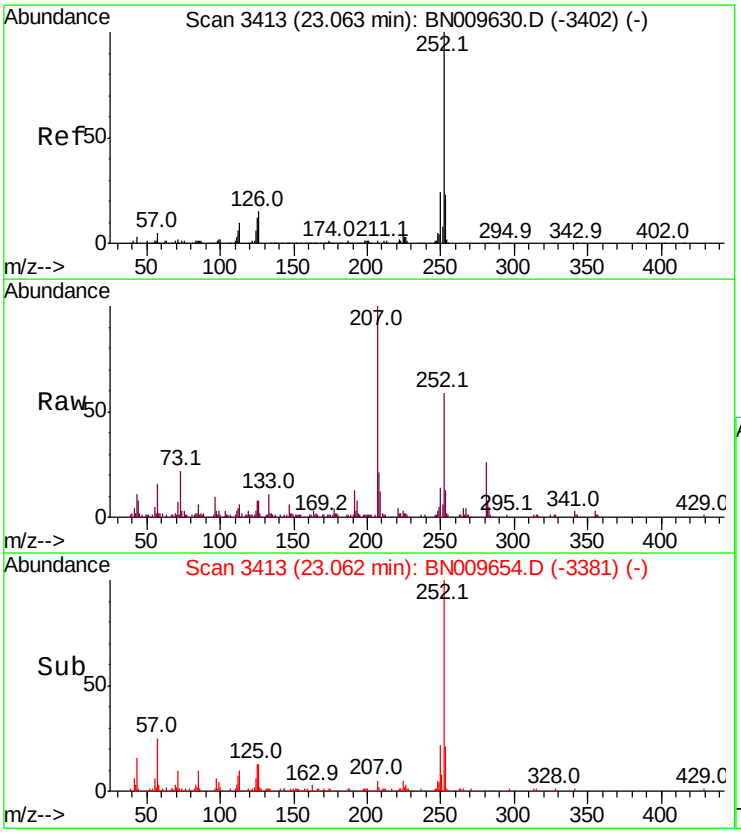
#88
Benzo(k)fluoranthene
Concen: 1.031 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. -0.05 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Instrument :
BNA_N
ClientSampleId :
GAT67DL2

Tgt Ion:252 Resp: 59552

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.0	25.4
125	13.2	8.0	12.0#





#90
Benzo(a)pyrene
Concen: 1.370 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009654.D
Acq: 07 Feb 2020 19:50

Tgt Ion:252 Resp: 74435

Ion	Ratio	Lower	Upper
252	100		
253	22.3	15.8	23.8
125	14.1	8.7	13.1#