Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009651.D
Acq On : 07 Feb 2020 18:02
Operator : CG/JU
Sample : L1324-03DL 10X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT60DL

Quant Time: Feb 07 23:19:53 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	140871	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	580315	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	361423	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.83	188	743454	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	711769	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	716488	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.09	96	666	0.19	ng/uL	0.02
5) Phenol-d5	6.65	99	16626	1.35	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.80	67	12089	1.46	ng/ul	0.01
9) 2-Chlorophenol-d4	6.98	132	13560	1.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	13267	1.36	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	6752	1.56	ng/ul	0.02
22) 2-Nitrophenol-d4	9.29	143	5765	1.20	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.84	165	12361	1.37	ng/ul	0.02
29) 4-Chloroaniline-d4	10.36	131	9988	1.03	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	46878	1.78	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	53507	1.68	ng/ul	0.00
51) 4-Nitrophenol-d4	14.33	143	1632	0.33	ng/ul	0.02
57) Fluorene-d10	15.07	176	42859	1.85	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	2959	0.64	ng/ul	0.01
70) Anthracene-d10	16.93	188	65585	1.94	ng/ul	0.00
78) Pyrene-d10	19.23	212	70611	1.89	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	68068	1.93	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.23	128	2805175	89.138	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	765086	34.740	ng/ul	99
40) 1,1'-Biphenyl	12.89	154	158698	5.640	ng/ul	99
47) Acenaphthylene	13.79	152	518024	14.849	ng/ul	98
49) Acenaphthene	14.13	153	49152	2.072	ng/ul	99
53) Dibenzofuran	14.47	168	59209	1.793	ng/ul	95
58) Fluorene	15.13	166	301758	10.933	ng/ul	99
69) Phenanthrene	16.87	178	2366052	55.805	ng/ul	100
71) Anthracene	16.96	178	534093	12.415	ng/ul	99
76) Fluoranthene	18.90	202	1005341	20.776	ng/ul	99
79) Pyrene	19.26	202	1473989	28.368	ng/ul	99
82) Benzo(a)anthracene	21.07	228	423778	8.623	ng/ul	96
84) Chrysene	21.07	228	423778	8.662	ng/ul	99
87) Benzo(b)fluoranthene	22.54	252	320470	7.149	ng/ul	96
88) Benzo(k)fluoranthene	22.69	252	87468	1.981	ng/ul	95
90) Benzo(a)pyrene	23.06	252	365593	8.802	ng/ul#	92
91) Indeno(1,2,3-cd)pyrene	25.22	276	142622	2.888	ng/ul	97
92) Dibenzo(a,h)anthracene	25.22	278	41606	1.001	ng/ul	97
93) Benzo(g,h,i)perylene	25.83	276	154958	3.744	ng/ul	97

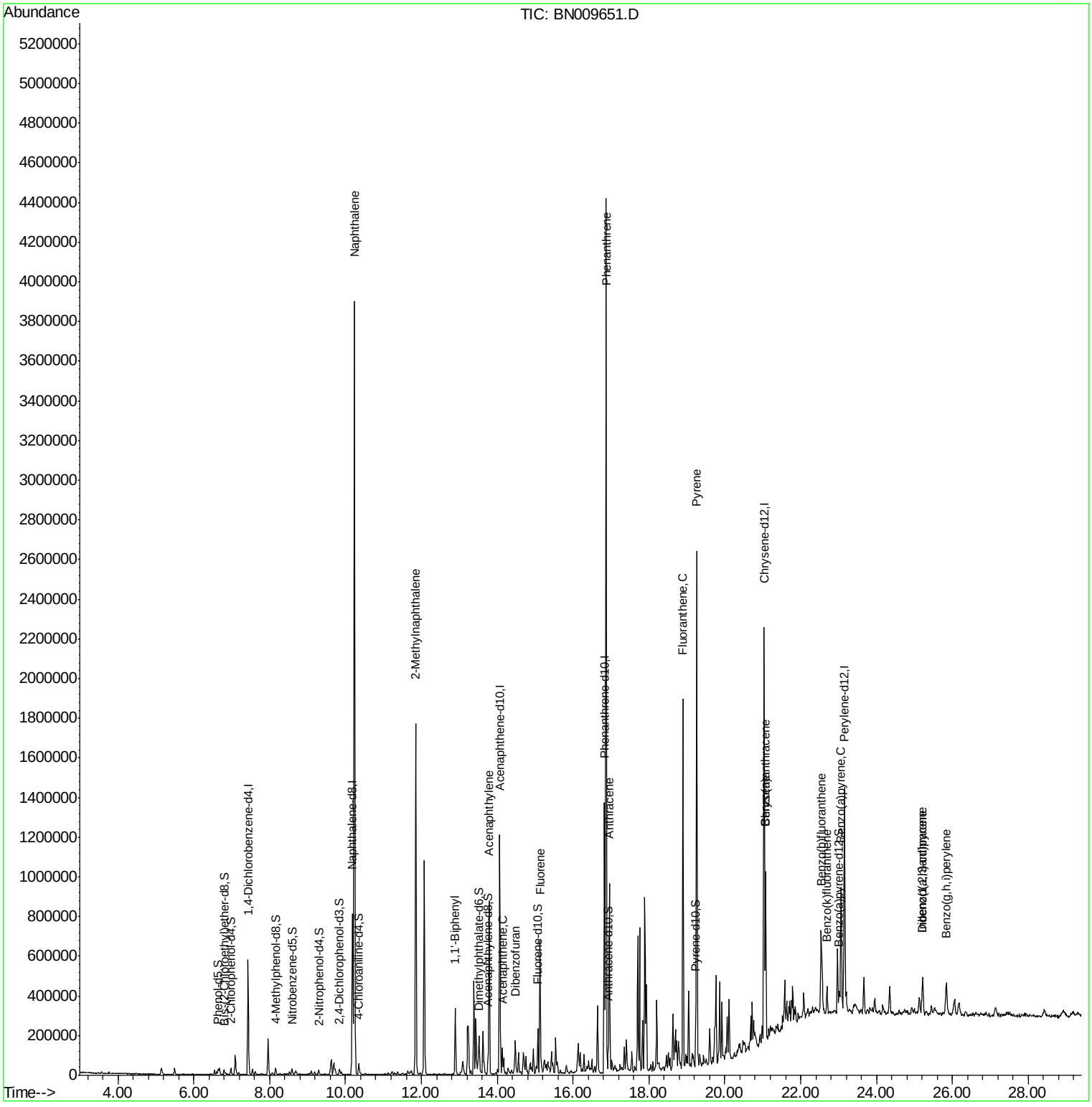
(#) = qualifier out of range (m) = manual integration (+) = signals summed

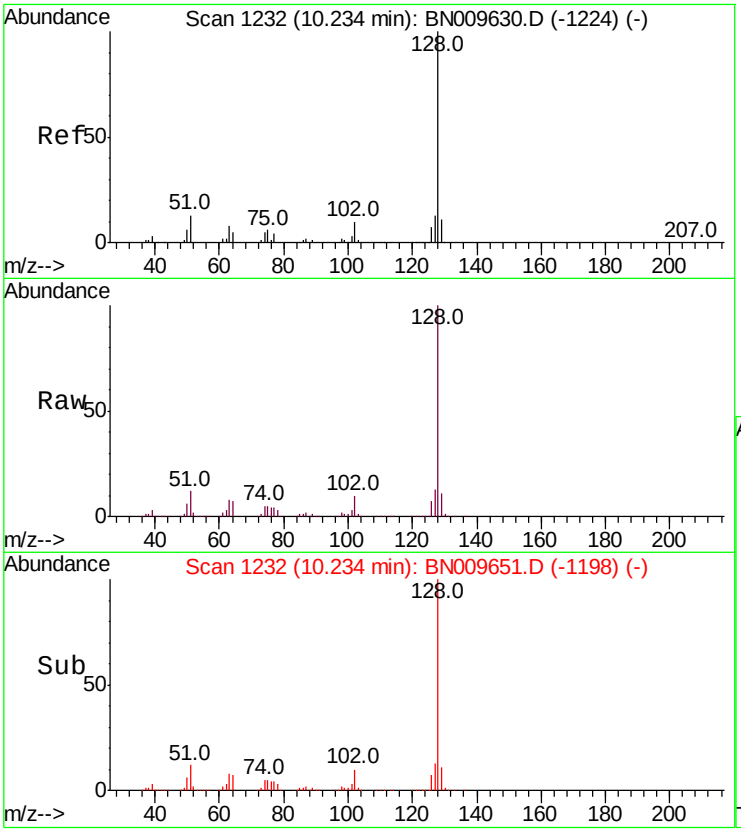
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009651.D
Acq On : 07 Feb 2020 18:02
Operator : CG/JU
Sample : L1324-03DL 10X
Misc :
ALS Vial : 46 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT60DL

Quant Time: Feb 07 23:19:53 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



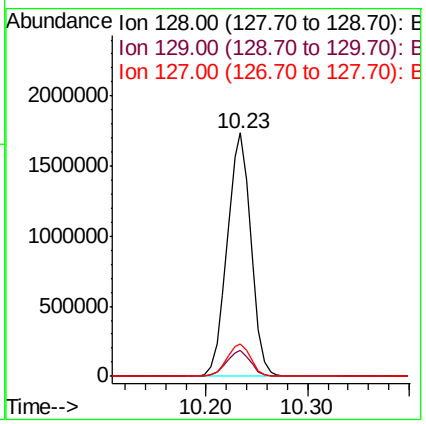


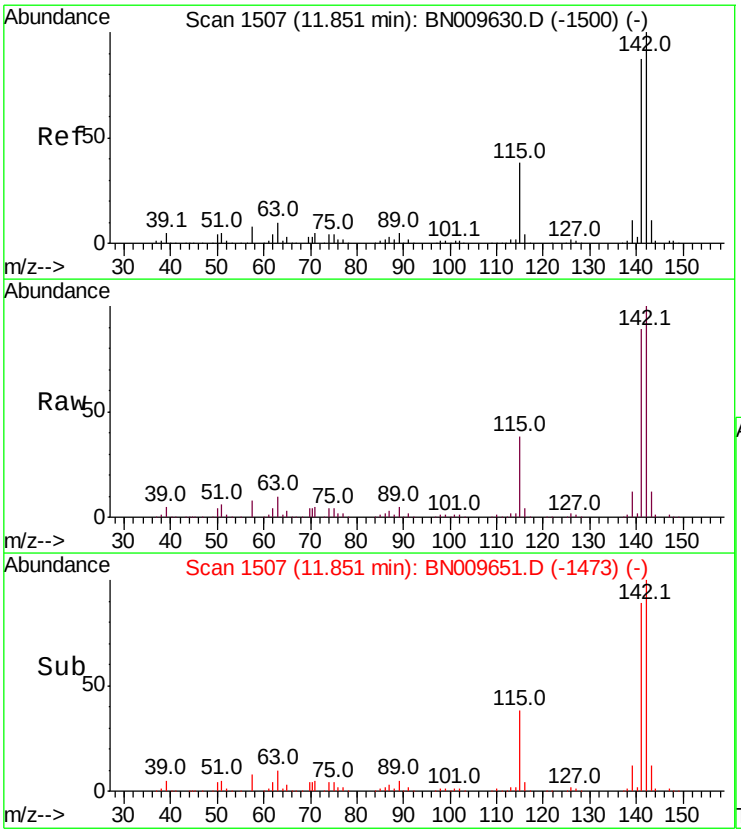
#28
Naphthalene
Concen: 89.138 ng/ul
RT: 10.23 min Scan# 1232
Delta R.T. -0.00 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Instrument :
BNA_N
ClientSampleId :
GAT60DL

Tgt Ion:128 Resp: 2805175

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

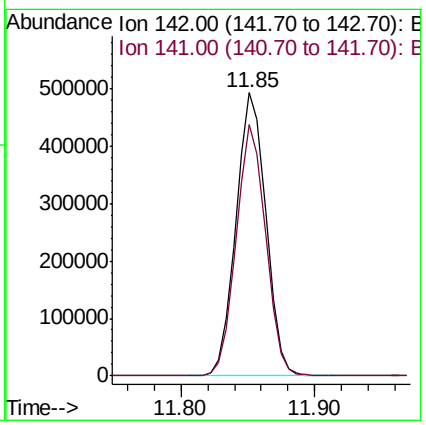


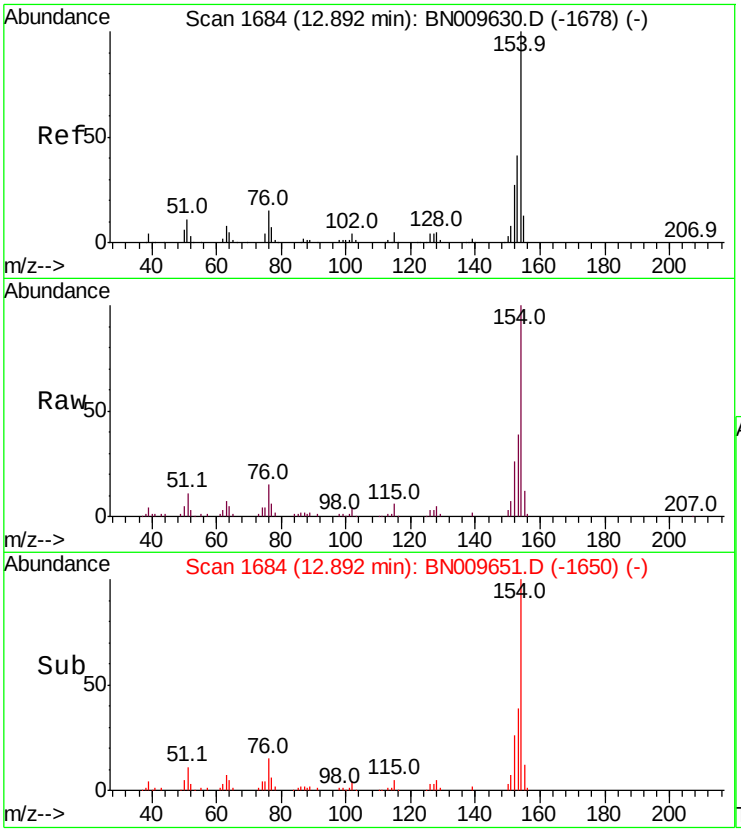


#34
2-Methylnaphthalene
Concen: 34.740 ng/ul
RT: 11.85 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Tgt Ion:142 Resp: 765086

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.5	107.3



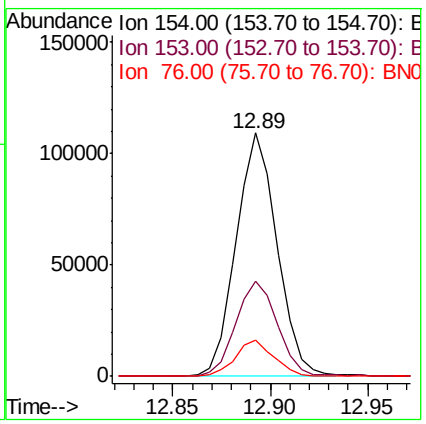


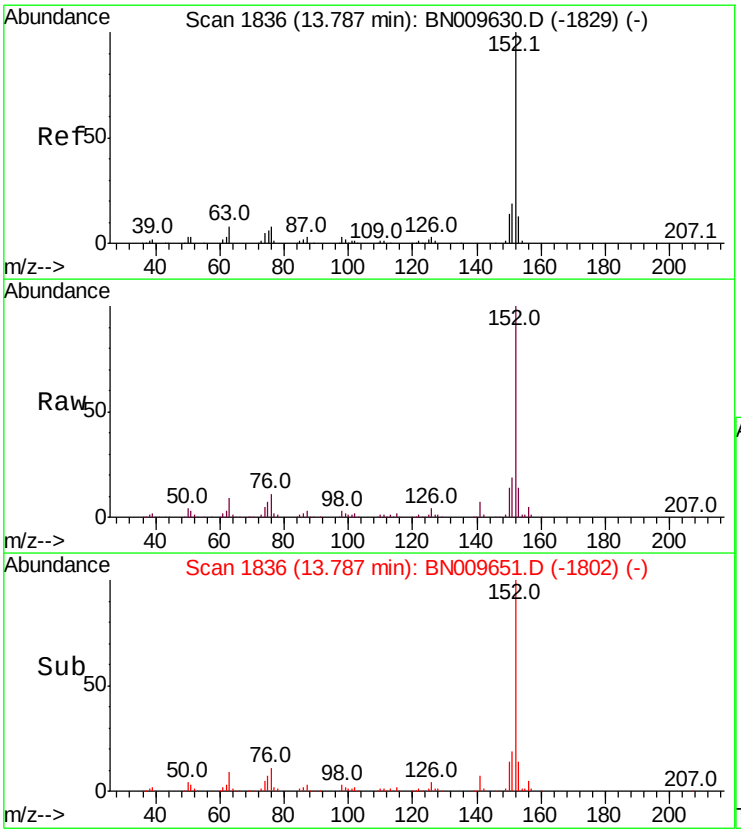
#40
1,1'-Biphenyl
Concen: 5.640 ng/ul
RT: 12.89 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Instrument :
BNA_N
ClientSampleId :
GAT60DL

Tgt Ion:154 Resp: 158698

Ion	Ratio	Lower	Upper
154	100		
153	39.3	31.2	46.8
76	15.0	11.4	17.2

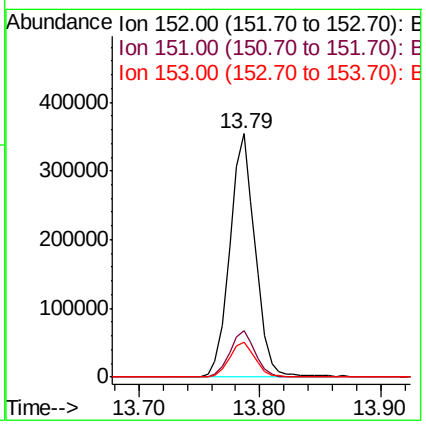


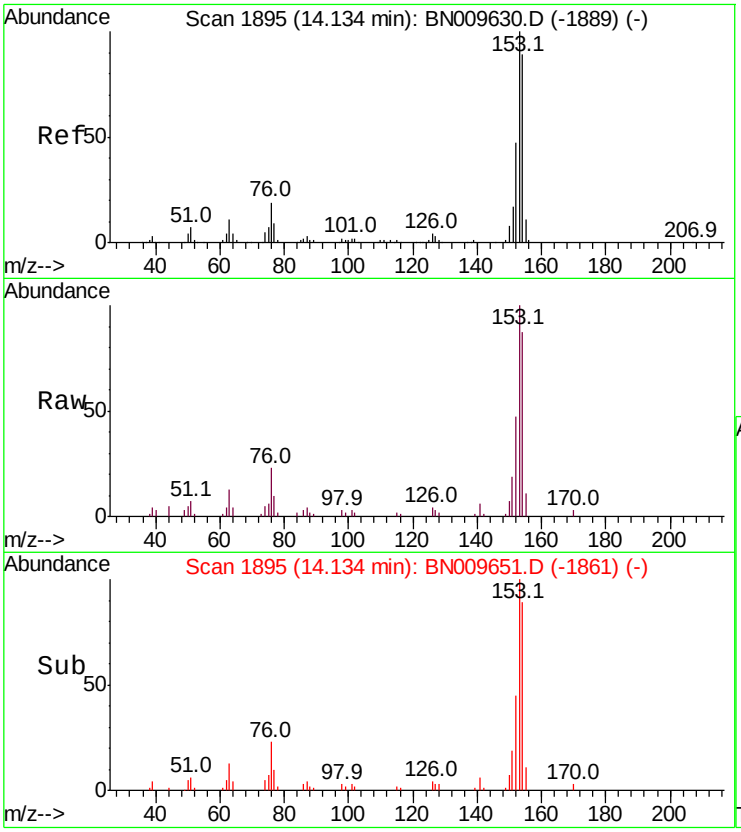


#47
Acenaphthylene
Concen: 14.849 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.00 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Tgt Ion:152 Resp: 518024

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.2
153	14.3	10.6	15.8



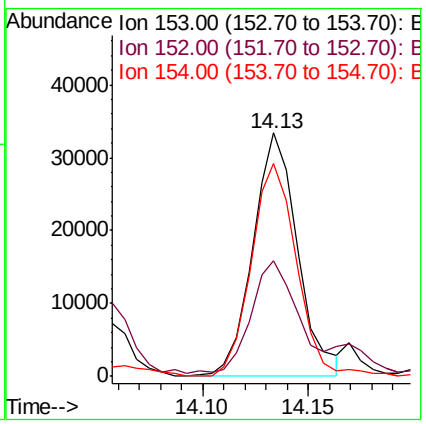


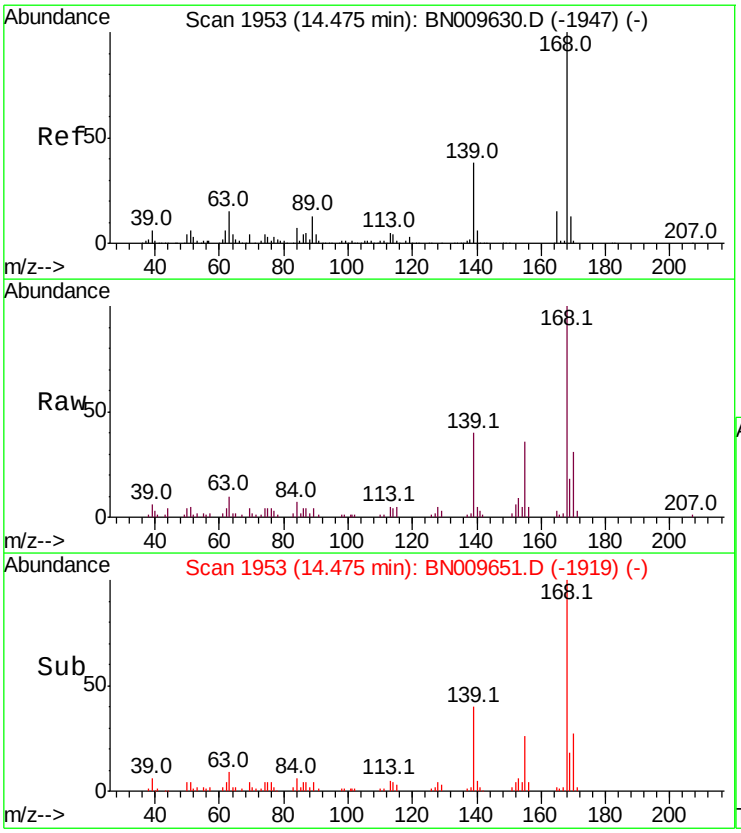
#49
Acenaphthene
Concen: 2.072 ng/ul
RT: 14.13 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Instrument :
BNA_N
ClientSampleId :
GAT60DL

Tgt Ion:153 Resp: 49152

Ion	Ratio	Lower	Upper
153	100		
152	47.4	37.3	55.9
154	87.4	70.2	105.2

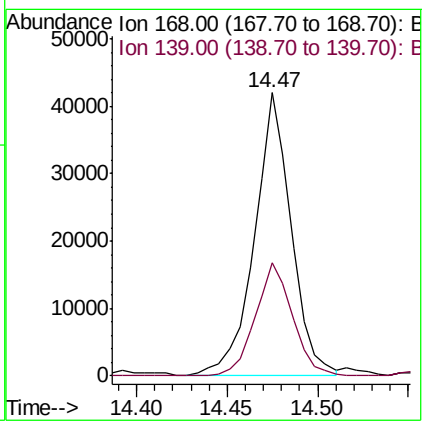


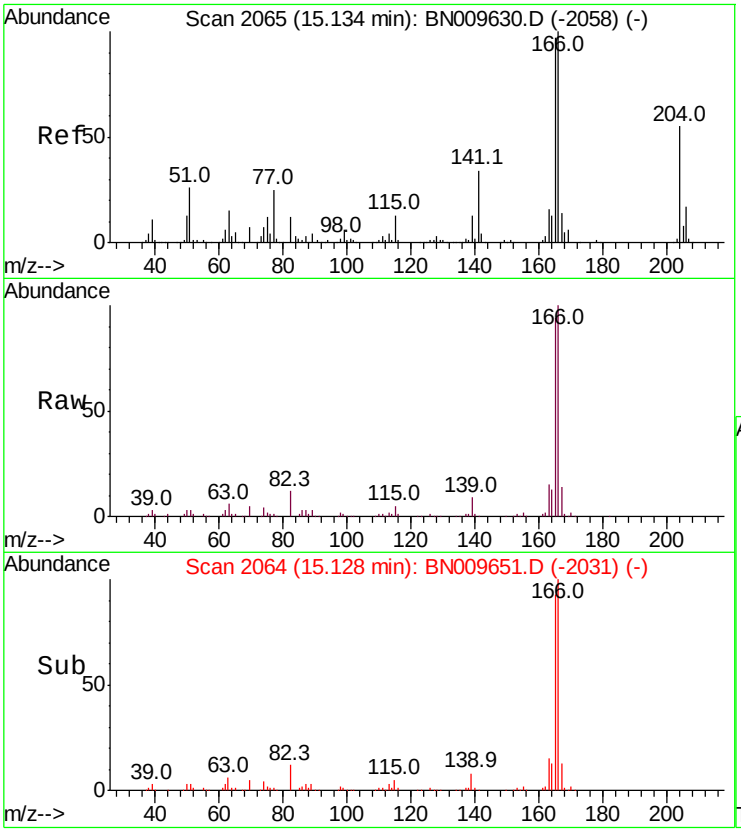


#53
Dibenzofuran
Concen: 1.793 ng/ul
RT: 14.47 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Tgt Ion:168 Resp: 59209

Ion	Ratio	Lower	Upper
168	100		
139	39.8	29.5	44.3



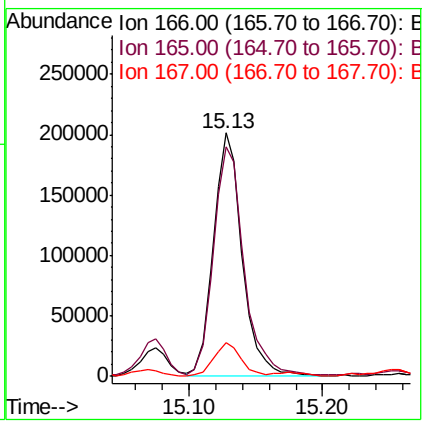


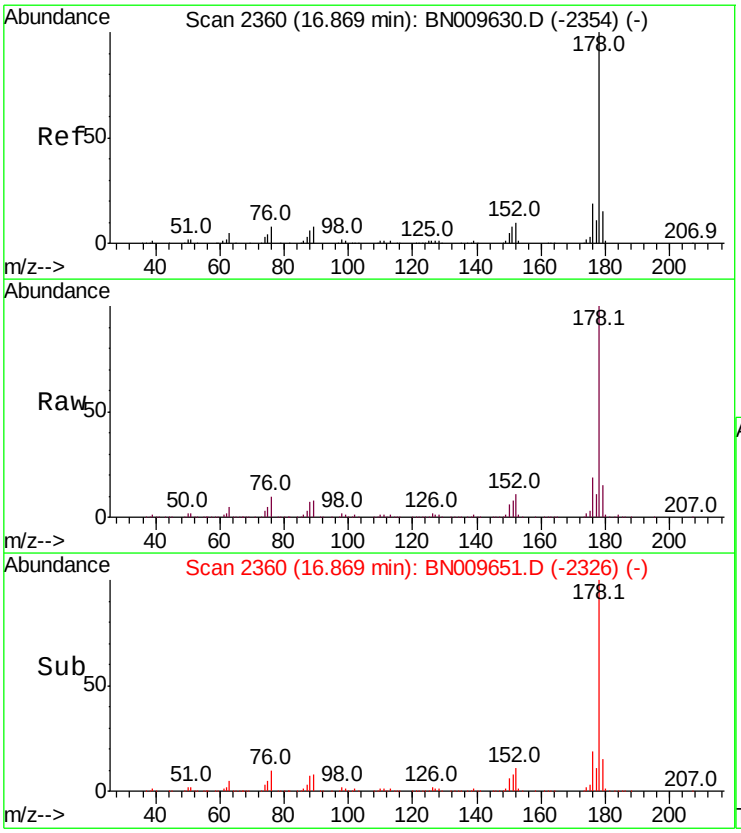
#58
Fluorene
Concen: 10.933 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Instrument :
BNA_N
ClientSampleId :
GAT60DL

Tgt Ion:166 Resp: 301758

Ion	Ratio	Lower	Upper
166	100		
165	94.4	76.7	115.1
167	13.7	11.1	16.7

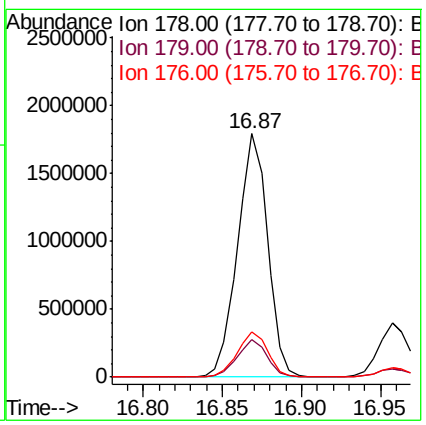


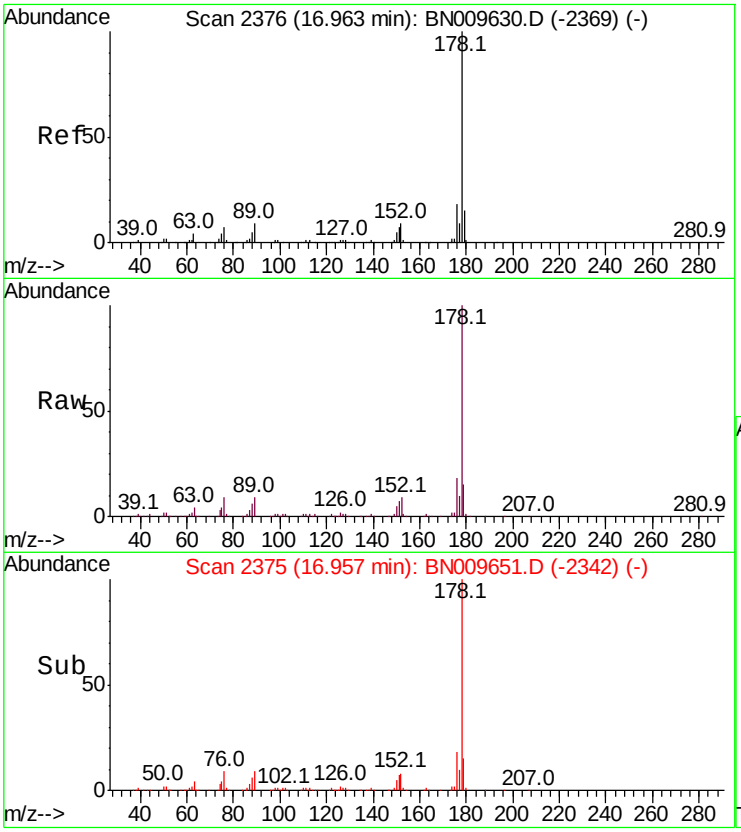


#69
Phenanthrene
Concen: 55.805 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.00 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Tgt Ion:178 Resp: 2366052

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.7	14.8	22.2



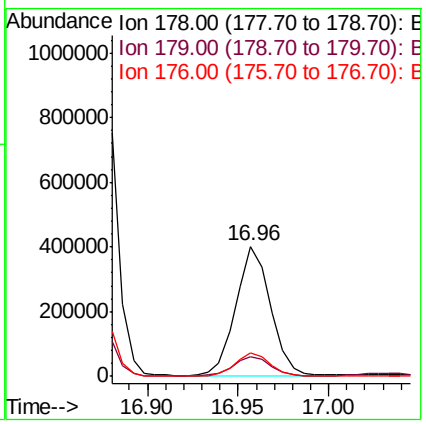


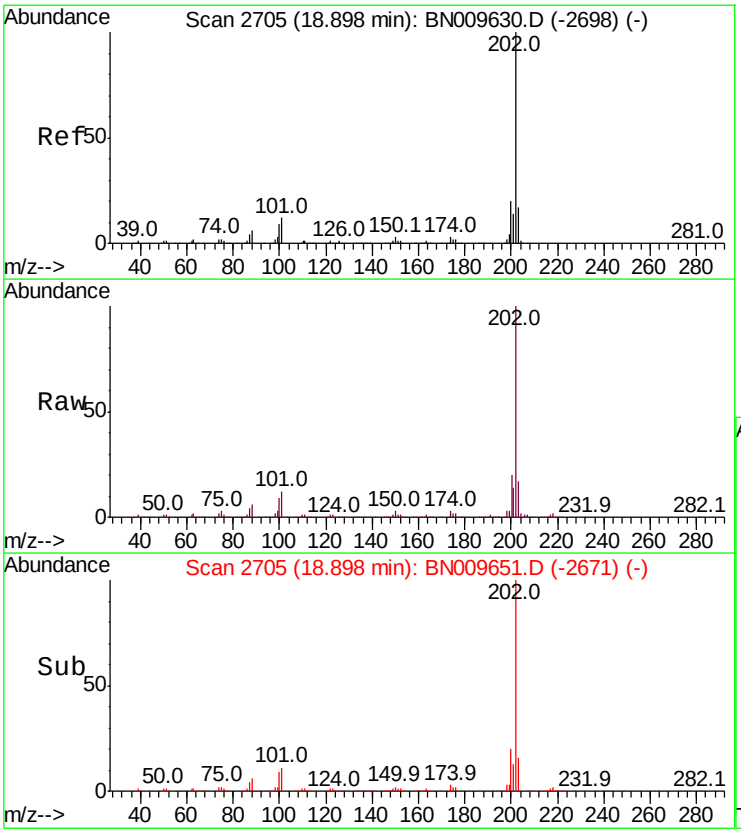
#71
Anthracene
Concen: 12.415 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Instrument :
BNA_N
ClientSampleId :
GAT60DL

Tgt Ion:178 Resp: 534093

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	17.9	14.6	21.8

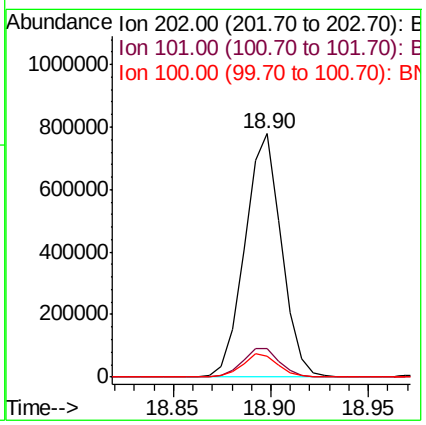


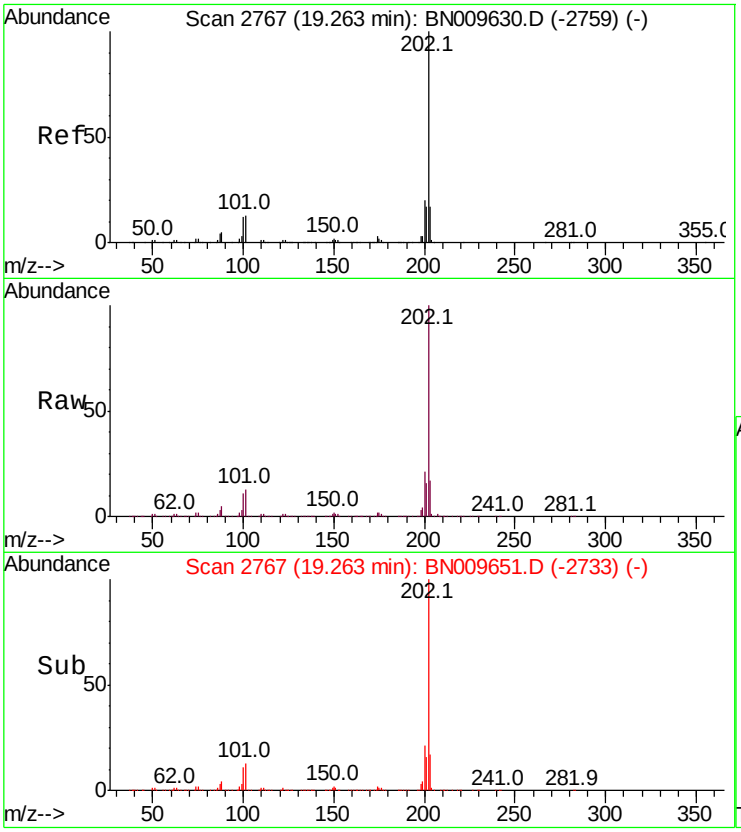


#76
Fluoranthene
Concen: 20.776 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.00 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Tgt Ion:202 Resp: 1005341

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.2	13.8
100	8.8	6.9	10.3



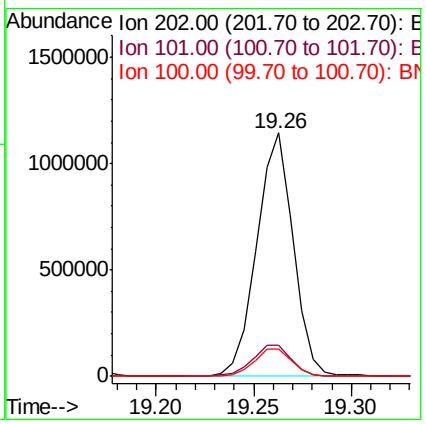


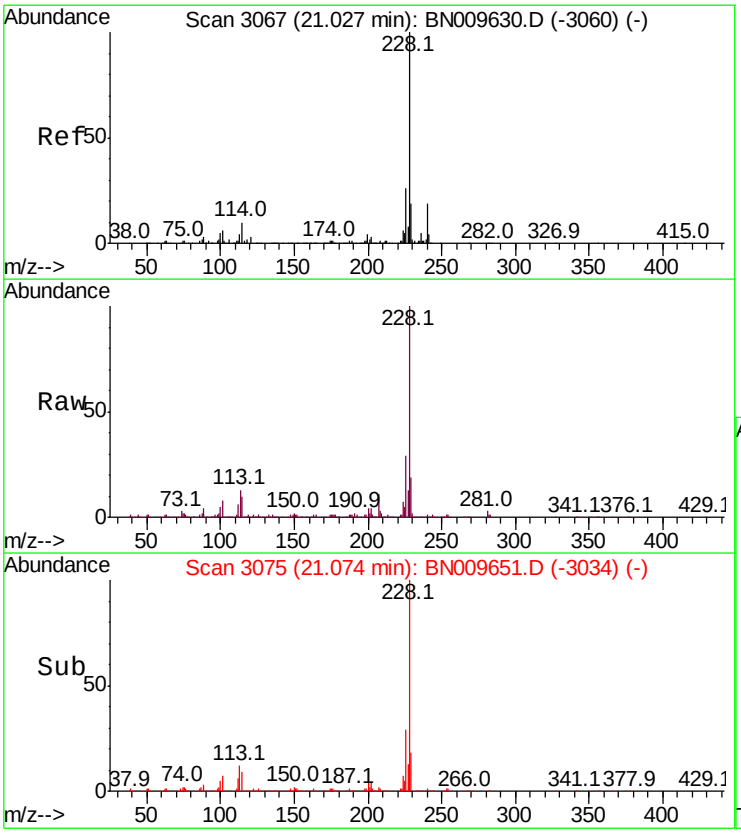
#79
Pyrene
Concen: 28.368 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Instrument :
BNA_N
ClientSampleId :
GAT60DL

Tgt Ion:202 Resp: 1473989

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.3	15.5
100	11.1	8.4	12.6

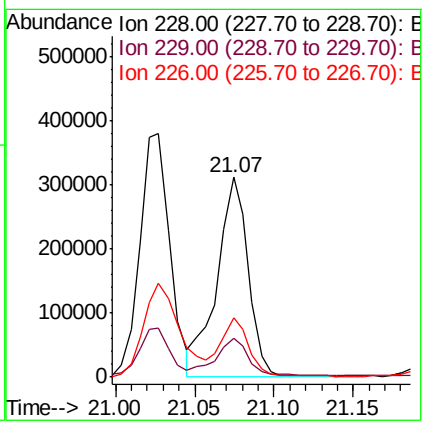


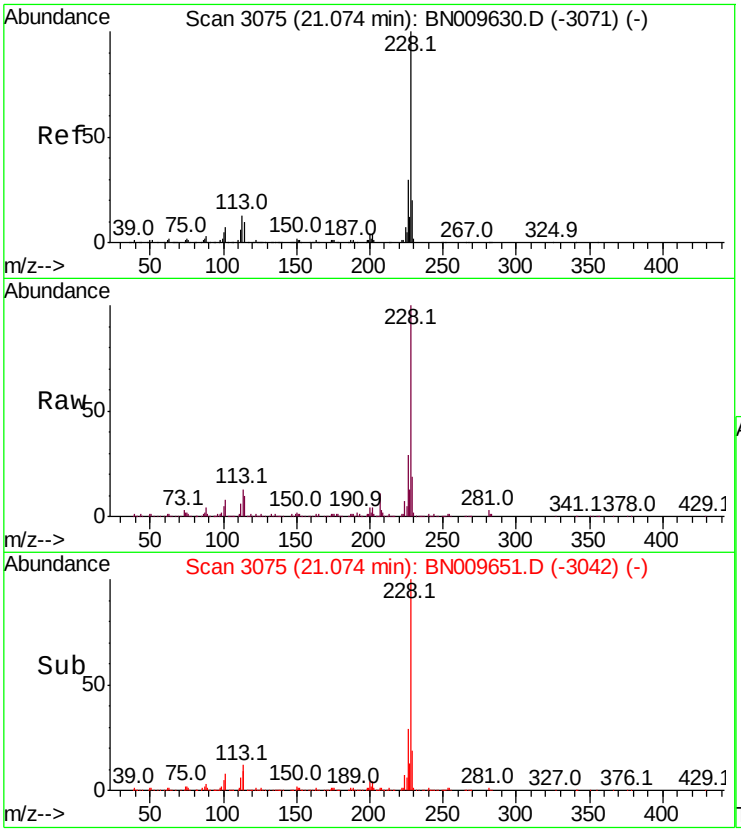


#82
Benzo(a)anthracene
Concen: 8.623 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. 0.04 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Tgt Ion:228 Resp: 423778

Ion	Ratio	Lower	Upper
228	100		
229	19.2	15.0	22.4
226	29.5	20.9	31.3



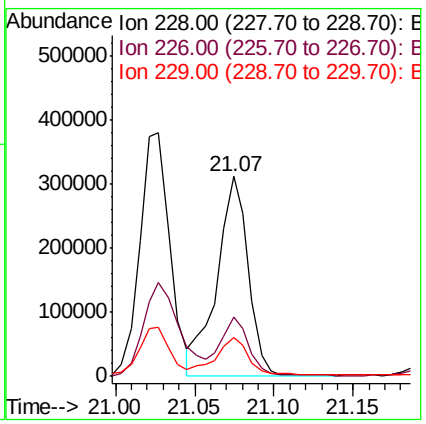


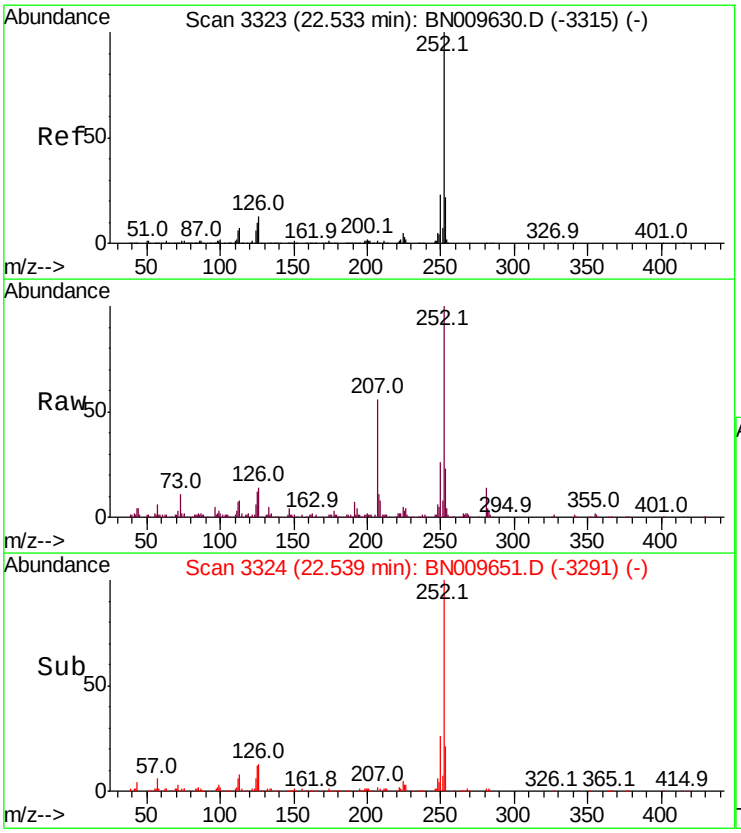
#84
Chrysene
Concen: 8.662 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Instrument :
BNA_N
ClientSampleId :
GAT60DL

Tgt Ion:228 Resp: 423778

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.5	35.3
229	19.2	15.8	23.8

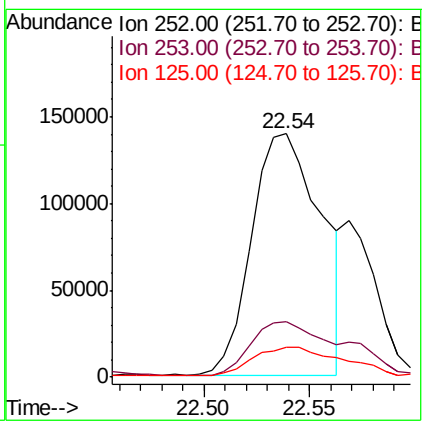


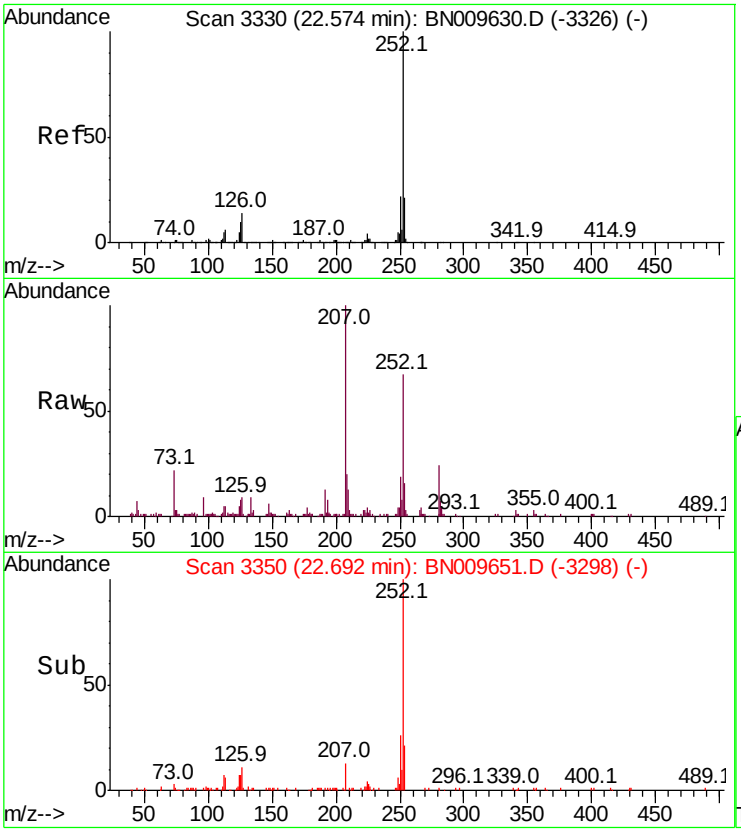


#87
Benzo(b)fluoranthene
Concen: 7.149 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. -0.01 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Tgt Ion:252 Resp: 320470

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.0	25.6
125	12.0	8.2	12.2



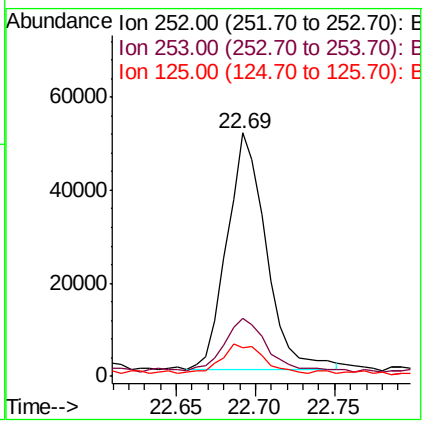


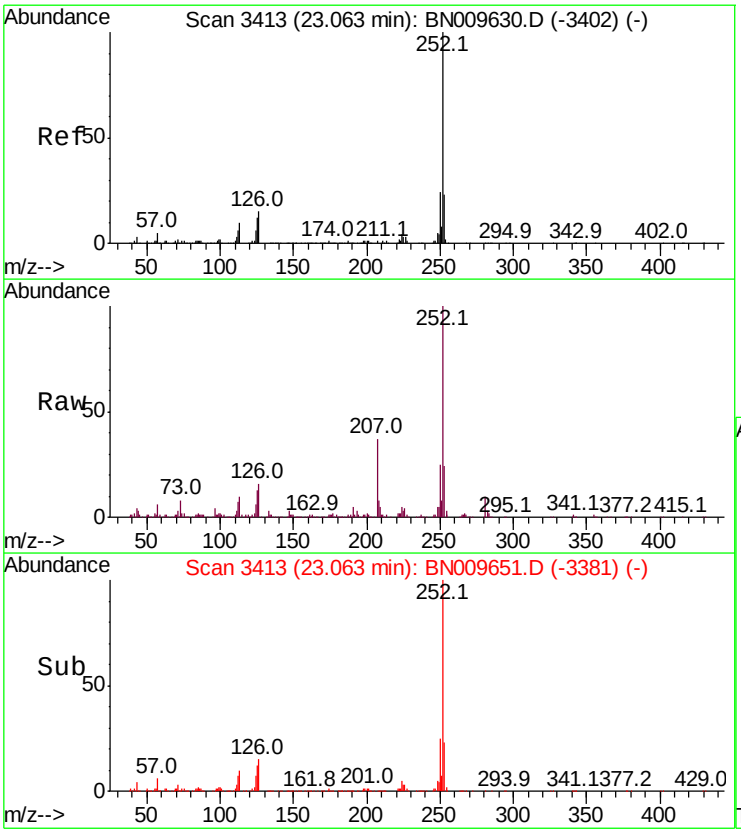
#88
Benzo(k)fluoranthene
Concen: 1.981 ng/ul
RT: 22.69 min Scan# 3350
Delta R.T. 0.11 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Instrument :
BNA_N
ClientSampleId :
GAT60DL

Tgt Ion:252 Resp: 87468

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.4
125	11.9	8.0	12.0

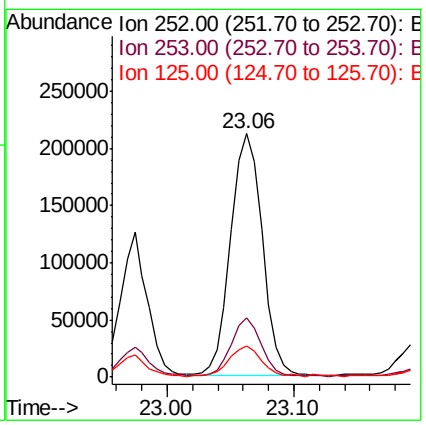


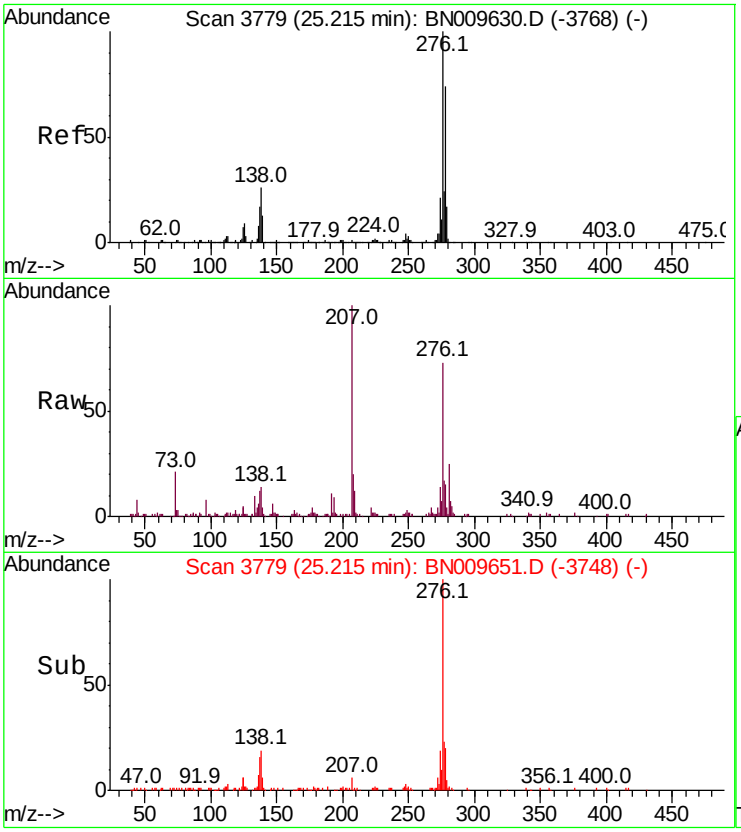


#90
Benzo(a)pyrene
Concen: 8.802 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Tgt Ion:252 Resp: 365593

Ion	Ratio	Lower	Upper
252	100		
253	24.2	15.8	23.8#
125	12.8	8.7	13.1



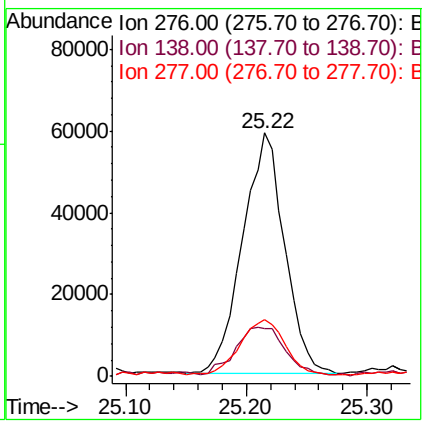


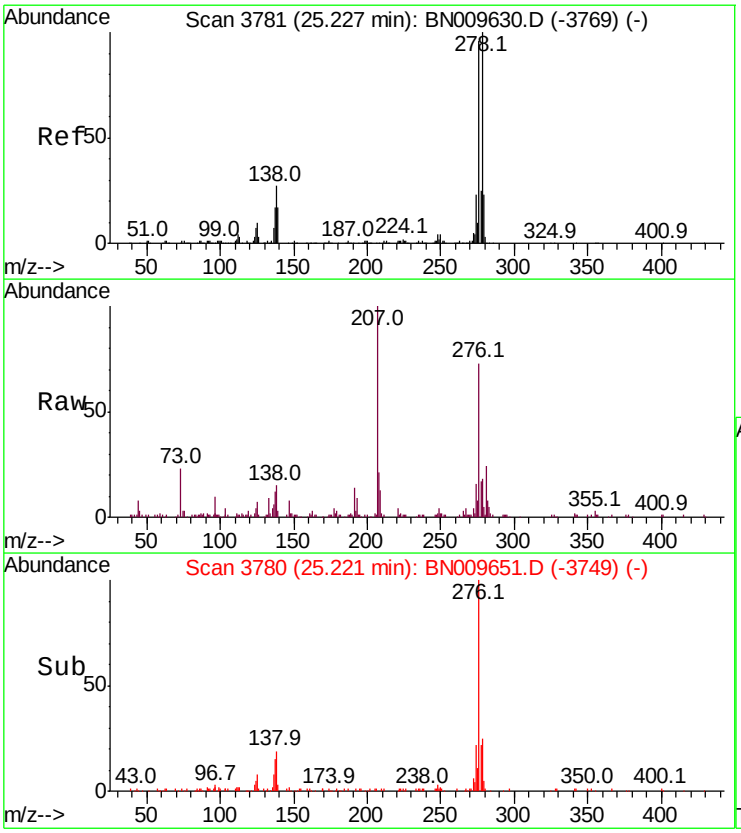
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.888 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.02 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Instrument :
BNA_N
ClientSampleId :
GAT60DL

Tgt Ion:276 Resp: 142622

Ion	Ratio	Lower	Upper
276	100		
138	25.4	20.3	30.5
277	23.5	21.2	31.8

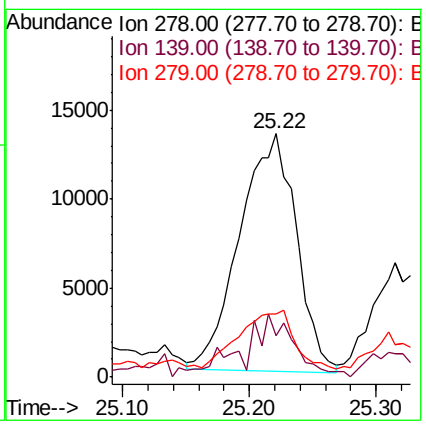


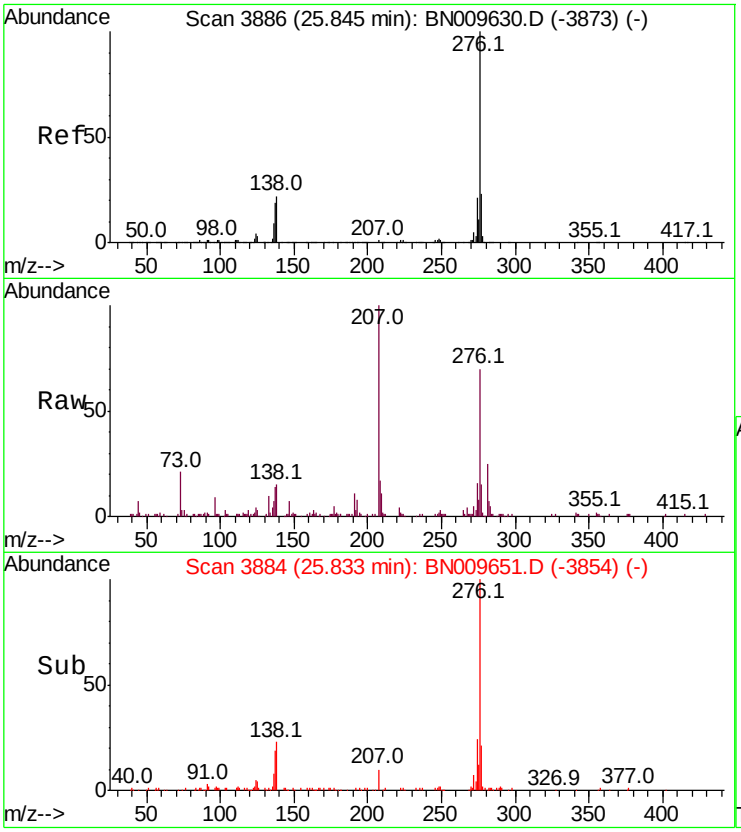


#92
Dibenzo(a,h)anthracene
Concen: 1.001 ng/ul
RT: 25.22 min Scan# 3780
Delta R.T. -0.02 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Tgt Ion:278 Resp: 41606

Ion	Ratio	Lower	Upper
278	100		
139	17.1	12.7	19.1
279	26.2	19.8	29.8





#93
Benzo(g,h,i)perylene
Concen: 3.744 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.02 min
Lab File: BN009651.D
Acq: 07 Feb 2020 18:02

Instrument :
BNA_N
ClientSampleId :
GAT60DL

Tgt Ion:276 Resp: 154958

Ion	Ratio	Lower	Upper
276	100		
138	22.2	16.0	24.0
277	21.1	17.0	25.6