Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021120\

Quantitation Report (Not Reviewed)

Data File : BN009703.D
Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL

Quant Time: Feb 12 00:54:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 00:52:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	150632	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	631977	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	405080	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	835387	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	841032	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	824045	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	599	0.16	ng/uL	0.01
5) Phenol-d5	6.63	99	16905	1.29	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	13343	1.51	ng/ul	0.00
9) 2-Chlorophenol-d4	6.96	132	13615	1.41	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	14018	1.34	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	6946	1.48	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	6453	1.23	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	12361	1.26	ng/ul	0.02
29) 4-Chloroaniline-d4	10.33	131	16857	1.60	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	54709	1.85	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	59429	1.66	ng/ul	0.00
51) 4-Nitrophenol-d4	14.35	143	1749	0.31	ng/ul	0.05
57) Fluorene-d10	15.07	176	47641	1.83	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.24	200	2451	0.47	ng/ul	0.02
70) Anthracene-d10	16.92	188	74948	1.97	ng/ul	0.00
78) Pyrene-d10	19.23	212	80751	1.83	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	76685	1.89	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	3097469	90.380	ng/ul	98
30) 4-Chloroaniline	10.22	127	406491	37.260	ng/ul#	6
34) 2-Methylnaphthalene	11.84	142	919321	38.331	ng/ul	96
40) 1,1'-Biphenyl	12.89	154	153437	4.865	ng/ul	95
47) Acenaphthylene	13.78	152	632161	16.167	ng/ul	99
49) Acenaphthene	14.13	153	47842	1.800	ng/ul	98
53) Dibenzofuran	14.47	168	52150	1.409	ng/ul	100
58) Fluorene	15.12	166	380197	12.290	ng/ul	98
69) Phenanthrene	16.86	178	1811054	38.014	ng/ul	100
71) Anthracene	16.95	178	400601	8.287	ng/ul	99
76) Fluoranthene	18.89	202	735417	13.525	ng/ul	100
79) Pyrene	19.26	202	1021003	16.630	ng/ul	98
82) Benzo(a)anthracene	21.02	228	354105	6.098	ng/ul	94
84) Chrysene	21.07	228	305849	5.291	ng/ul	99
87) Benzo(b)fluoranthene	22.54	252	228371	4.430	ng/ul#	97
88) Benzo(k)fluoranthene	22.54	252	228371	4.498	ng/ul#	97
90) Benzo(a)pyrene	23.06	252	240809	5.041	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.21	276	90653	1.596	ng/ul	92
93) Benzo(g,h,i)perylene	25.84	276	83159	1.747	ng/ul#	89

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

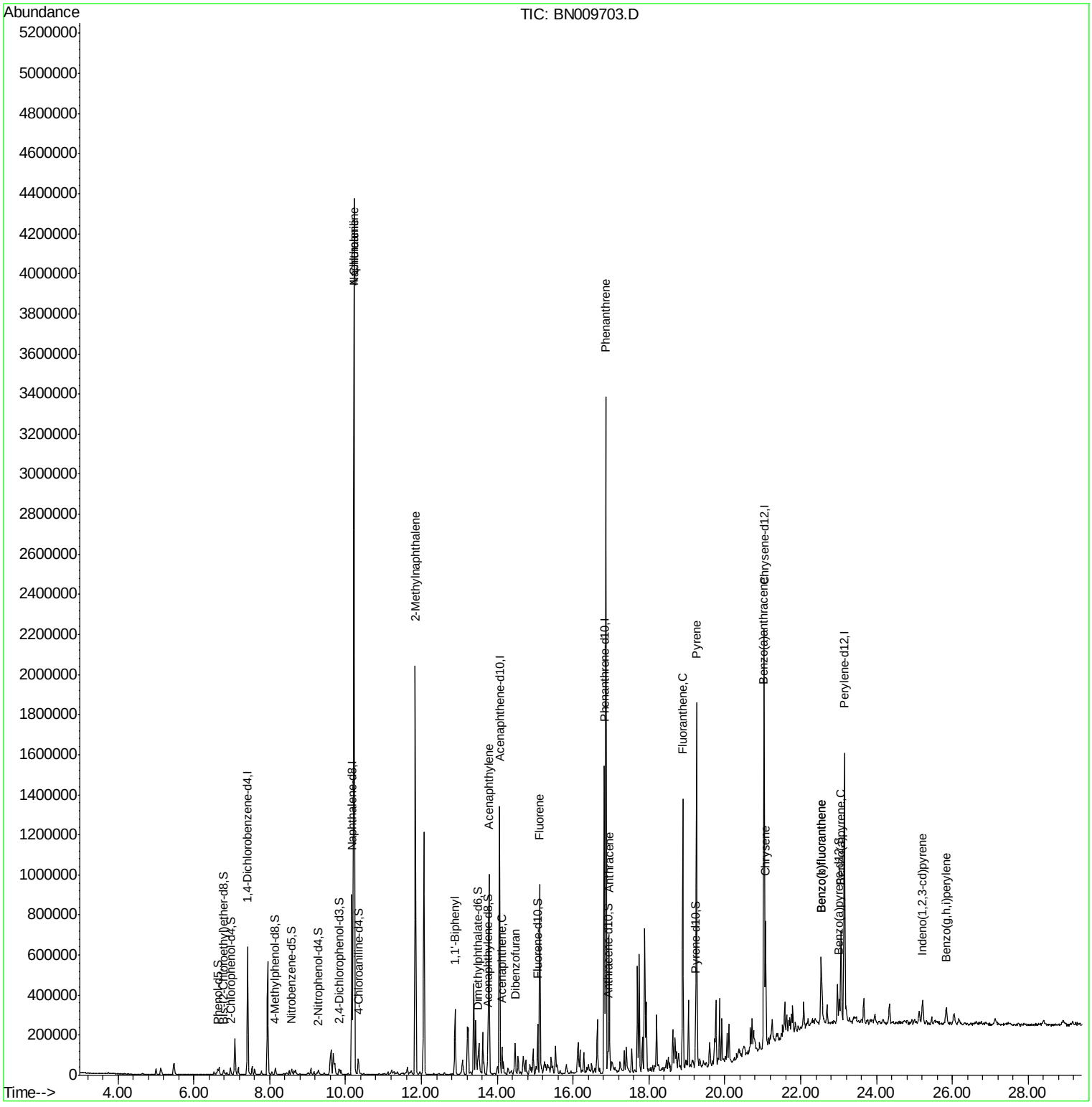
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021120\

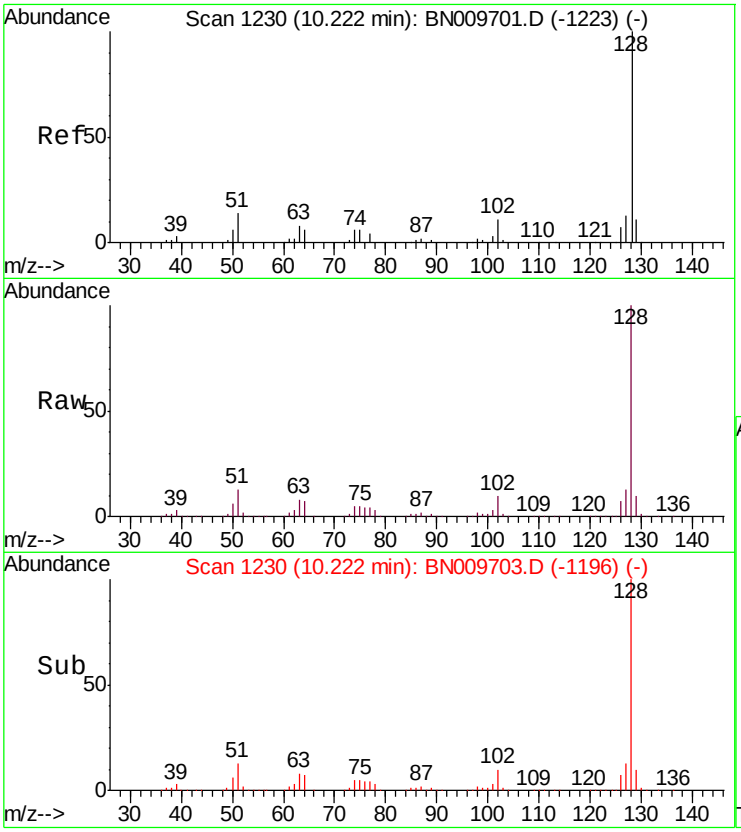
Quantitation Report (Not Reviewed)

Data File : BN009703.D
Acq On : 11 Feb 2020 12:51
Operator : CG/JU
Sample : L1324-15MEDL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL

Quant Time: Feb 12 00:54:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 12 00:52:44 2020
Response via : Initial Calibration



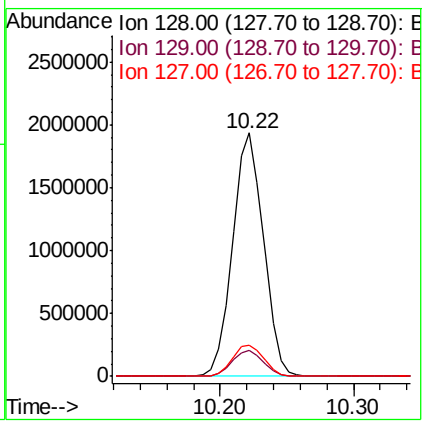


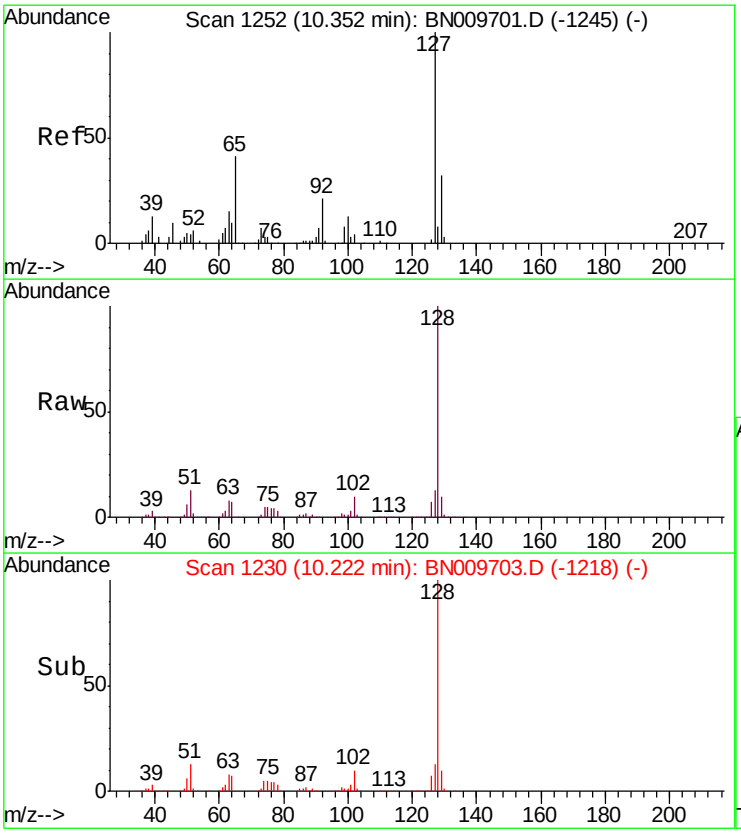
#28
Naphthalene
Concen: 90.380 ng/ul
RT: 10.22 min Scan# 1230
Delta R.T. -0.00 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL

Tgt Ion:128 Resp: 3097469

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	12.6	10.7	16.1

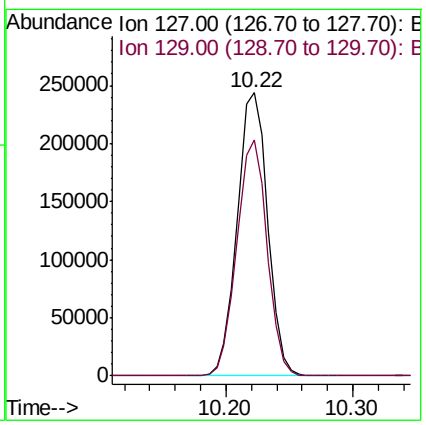


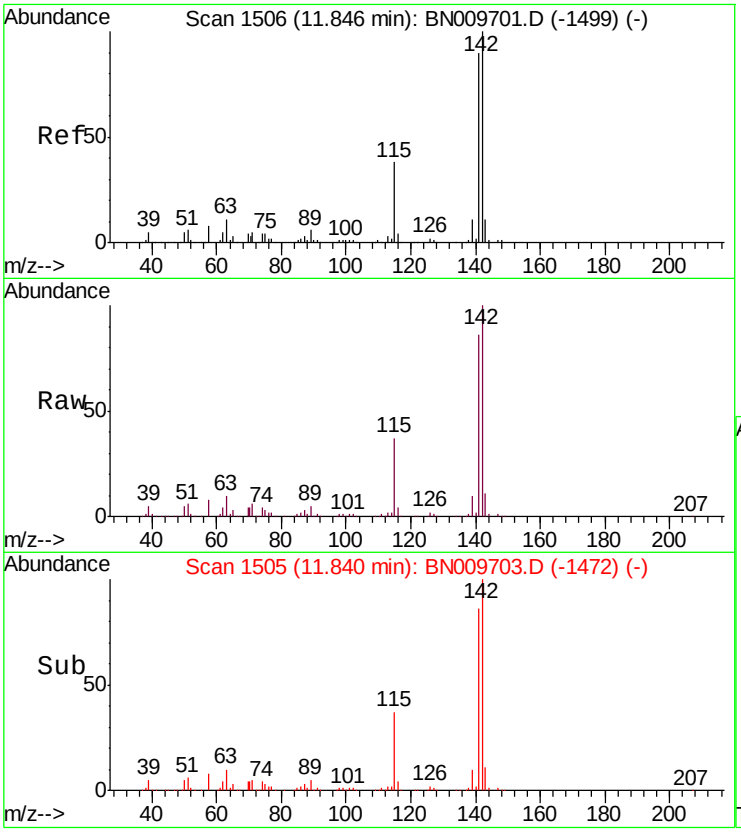


#30
4-Chloroaniline
Concen: 37.260 ng/ul
RT: 10.22 min Scan# 1230
Delta R.T. -0.13 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Tgt Ion:127 Resp: 406491

Ion	Ratio	Lower	Upper
127	100		
129	83.4	25.2	37.8#



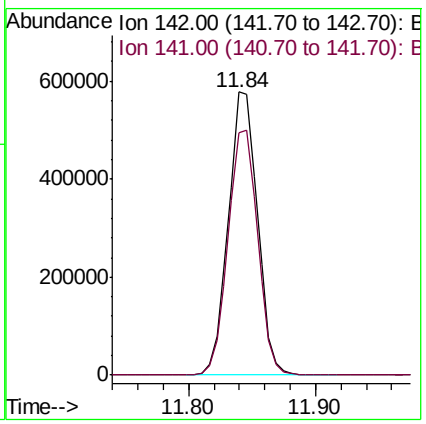


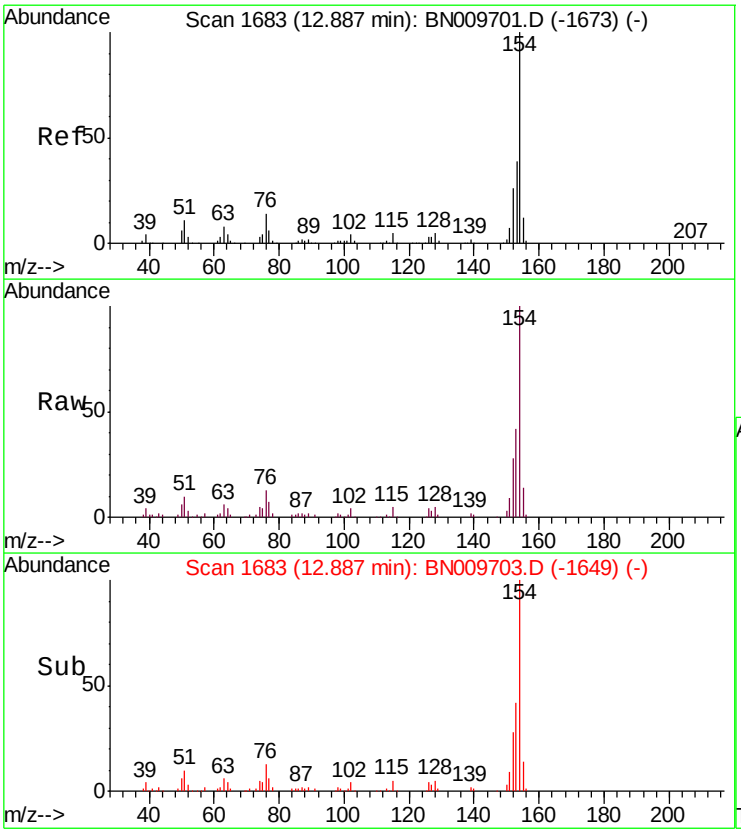
#34
2-Methylnaphthalene
Concen: 38.331 ng/ul
RT: 11.84 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL

Tgt Ion:142 Resp: 919321

Ion	Ratio	Lower	Upper
142	100		
141	85.6	71.5	107.3

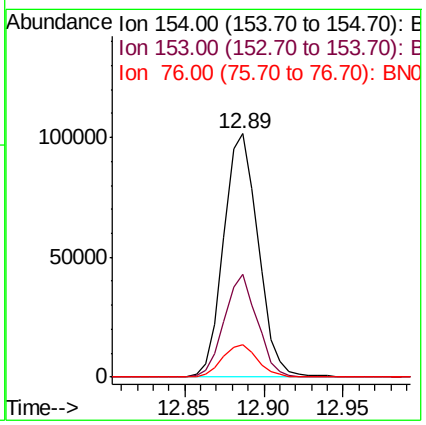


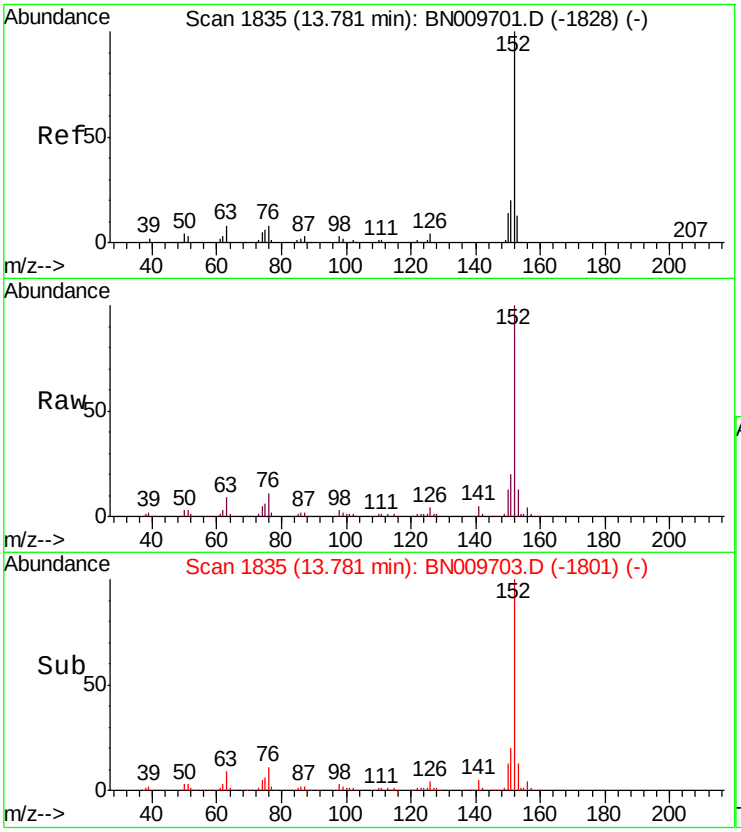


#40
1,1'-Biphenyl
Concen: 4.865 ng/ul
RT: 12.89 min Scan# 1683
Delta R.T. -0.00 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Tgt Ion:154 Resp: 153437

Ion	Ratio	Lower	Upper
154	100		
153	42.4	31.2	46.8
76	13.2	11.4	17.2



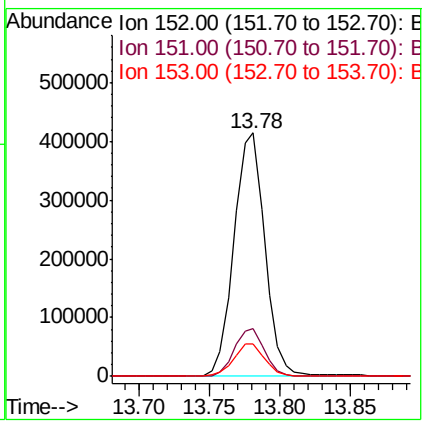


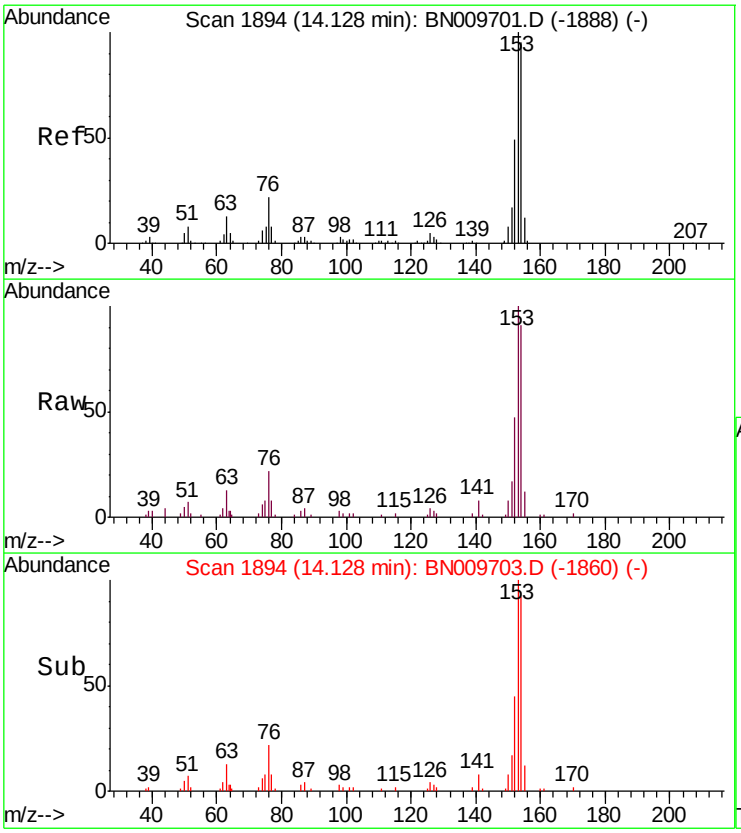
#47
Acenaphthylene
Concen: 16.167 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. -0.00 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL

Tgt Ion:152 Resp: 632161

Ion	Ratio	Lower	Upper
152	100		
151	19.6	16.2	24.2
153	13.3	10.6	15.8

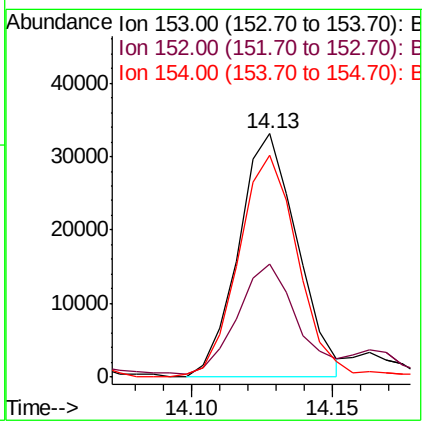


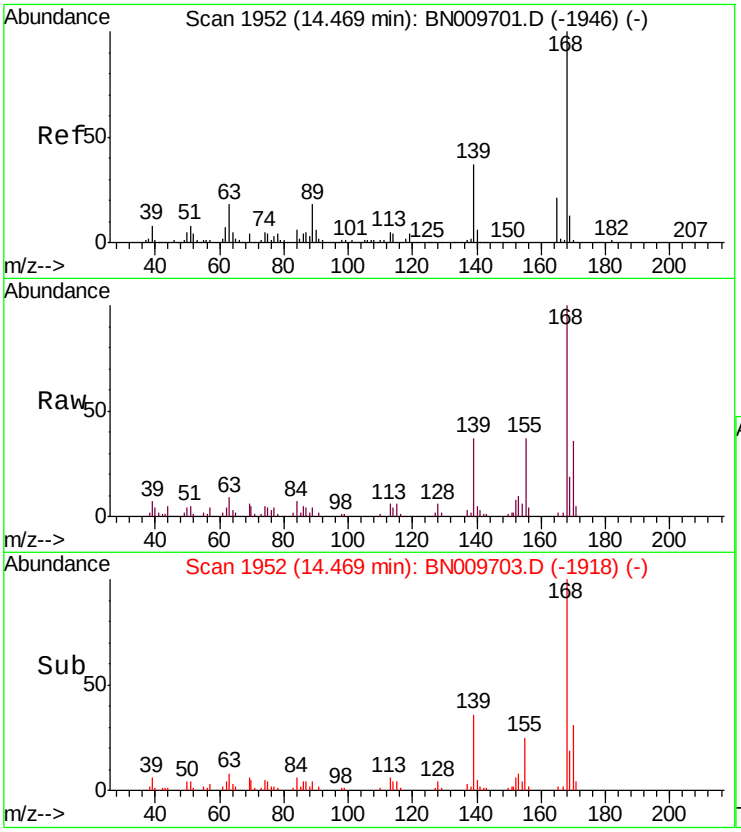


#49
Acenaphthene
Concen: 1.800 ng/ul
RT: 14.13 min Scan# 1894
Delta R.T. -0.00 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Tgt Ion:153 Resp: 47842

Ion	Ratio	Lower	Upper
153	100		
152	46.6	37.3	55.9
154	91.2	70.2	105.2



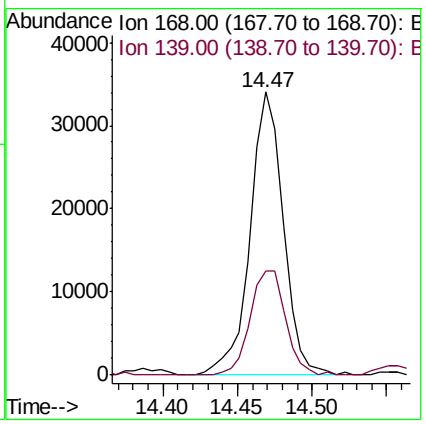


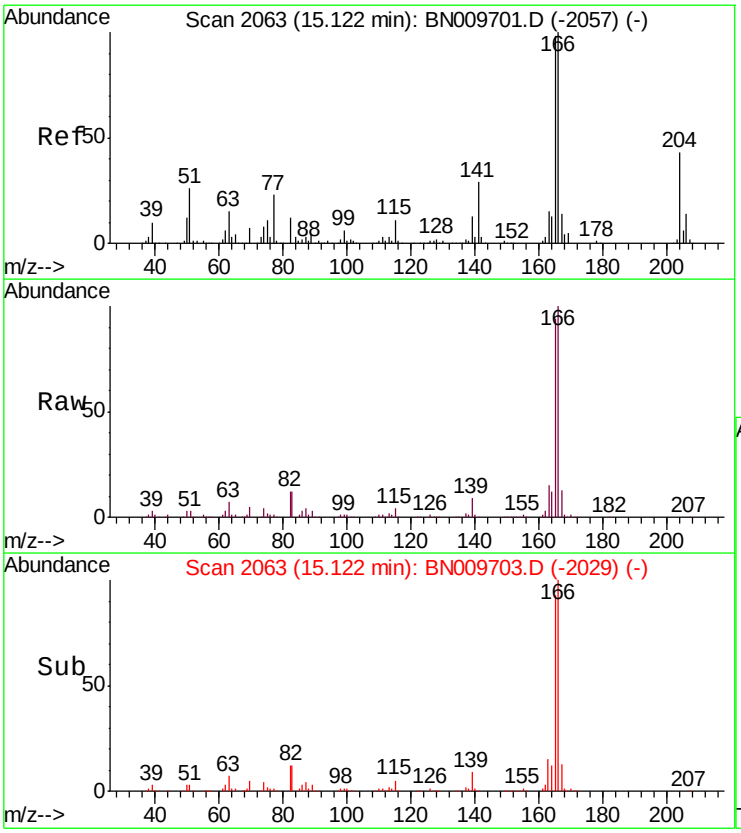
#53
Dibenzofuran
Concen: 1.409 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. -0.00 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL

Tgt Ion:168 Resp: 52150

Ion	Ratio	Lower	Upper
168	100		
139	36.8	29.5	44.3

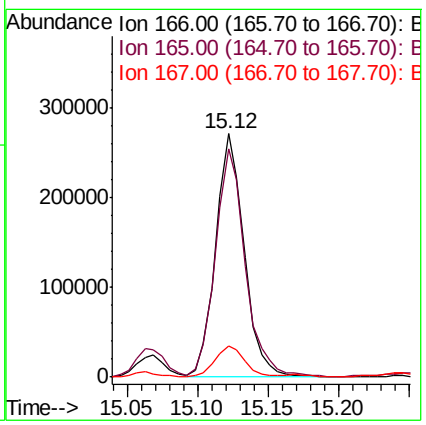


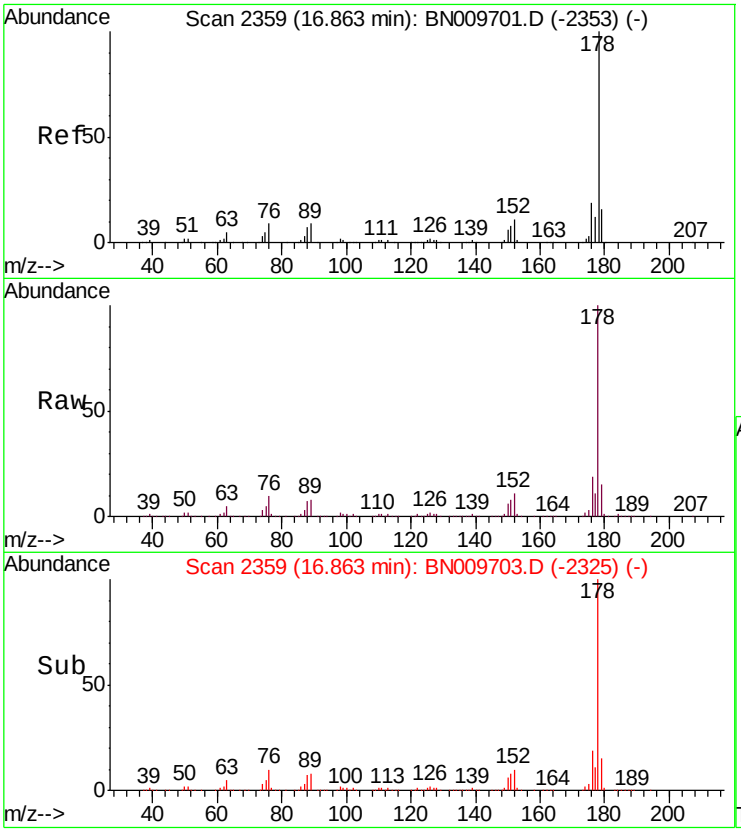


#58
Fluorene
Concen: 12.290 ng/ul
RT: 15.12 min Scan# 2063
Delta R.T. -0.00 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Tgt Ion:166 Resp: 380197

Ion	Ratio	Lower	Upper
166	100		
165	93.7	76.7	115.1
167	12.9	11.1	16.7



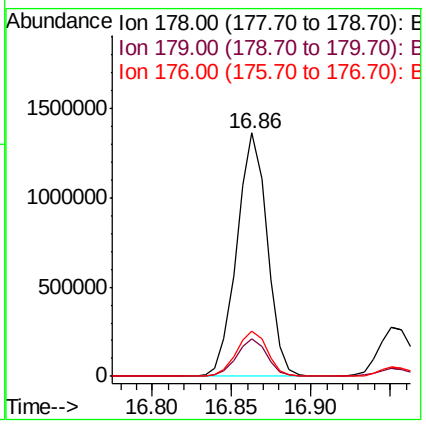


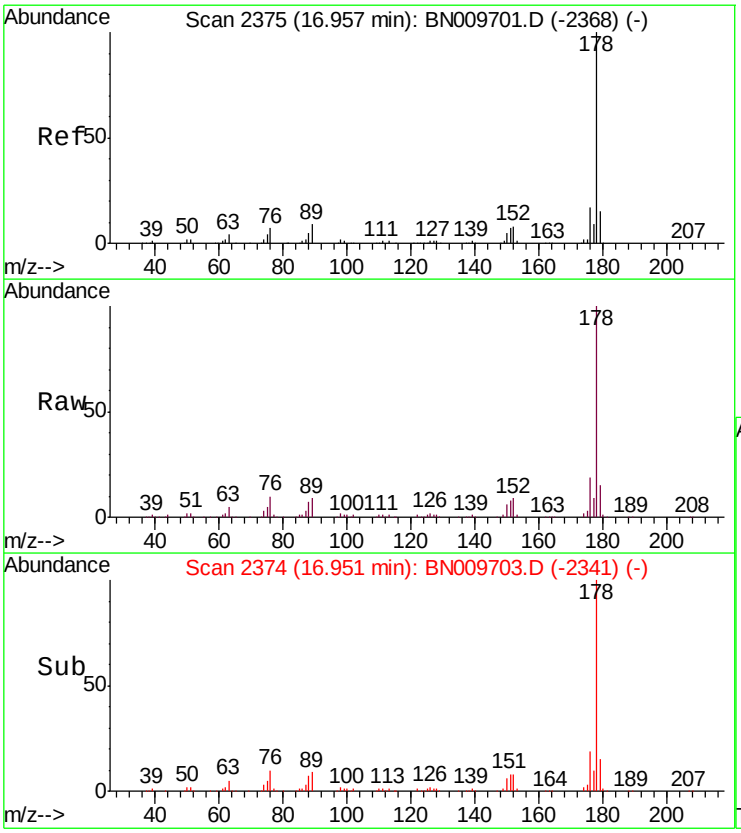
#69
Phenanthrene
Concen: 38.014 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.00 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL

Tgt Ion:178 Resp: 1811054

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.2
176	18.6	14.8	22.2

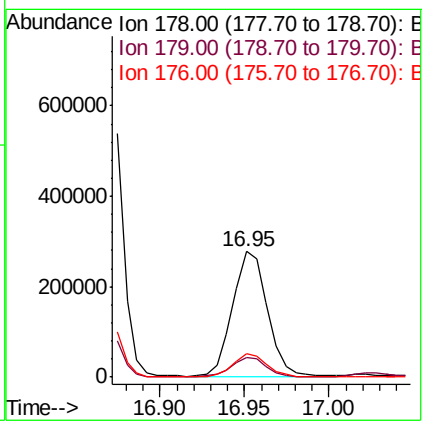


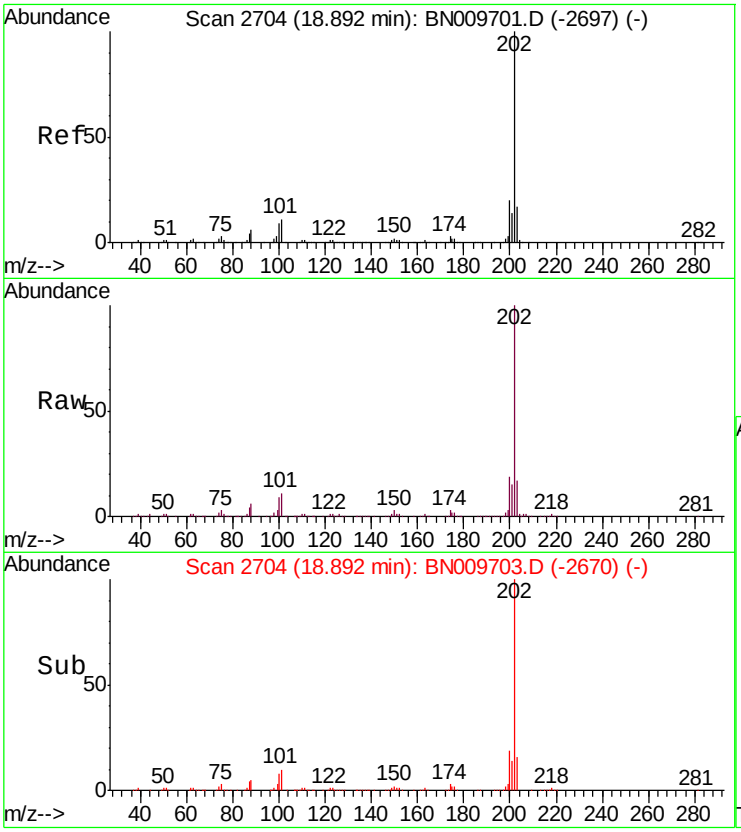


#71
Anthracene
Concen: 8.287 ng/ul
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Tgt Ion:178 Resp: 400601

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	18.6	14.6	21.8



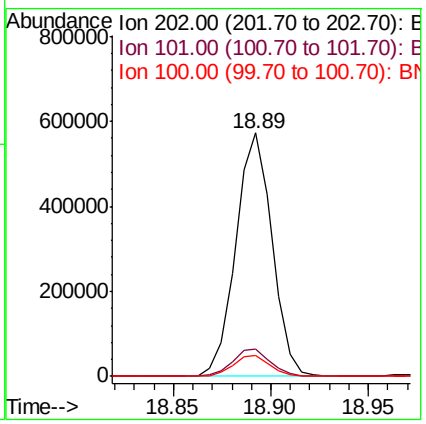


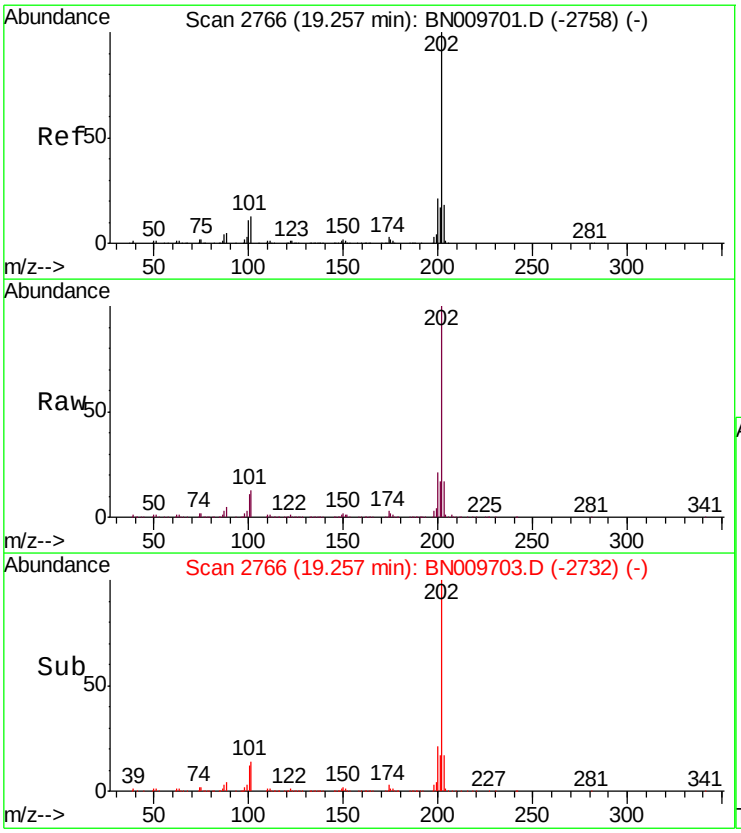
#76
Fluoranthene
Concen: 13.525 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. -0.00 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL

Tgt Ion:202 Resp: 735417

Ion	Ratio	Lower	Upper
202	100		
101	11.2	9.2	13.8
100	8.6	6.9	10.3

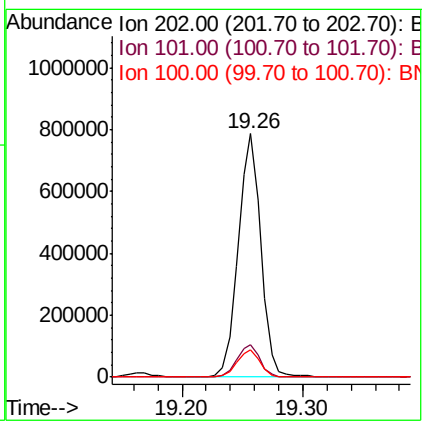


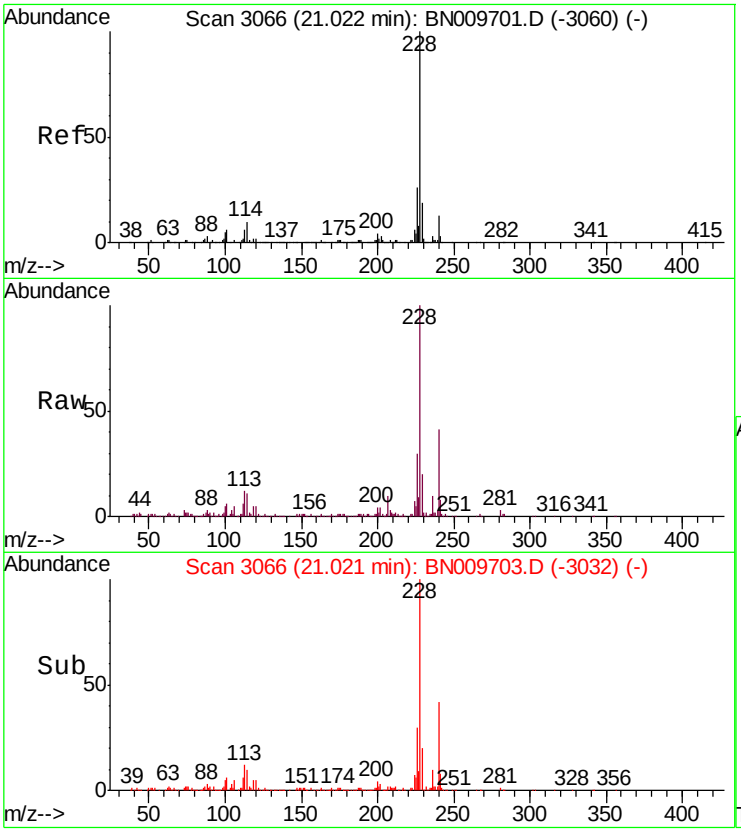


#79
Pyrene
Concen: 16.630 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.00 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Tgt Ion:202 Resp: 1021003

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.3	15.5
100	11.4	8.4	12.6



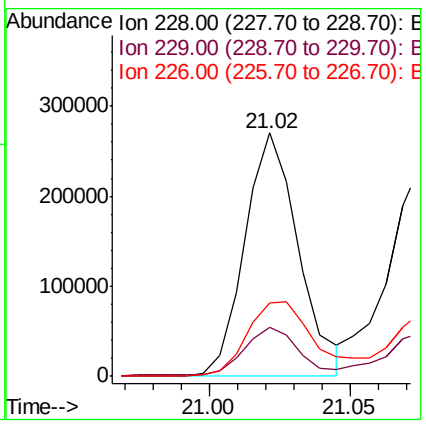


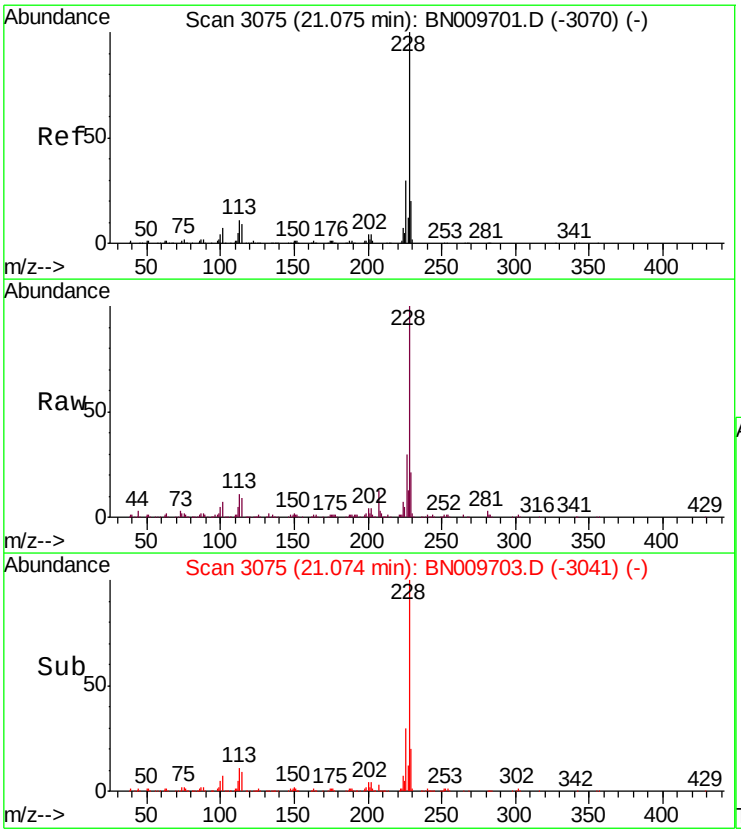
#82
Benzo(a)anthracene
Concen: 6.098 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL

Tgt Ion:228 Resp: 354105

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.0	22.4
226	30.1	20.9	31.3

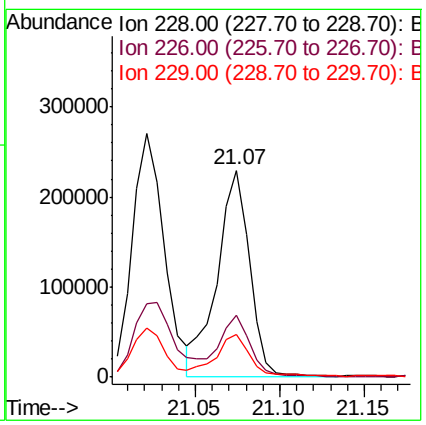


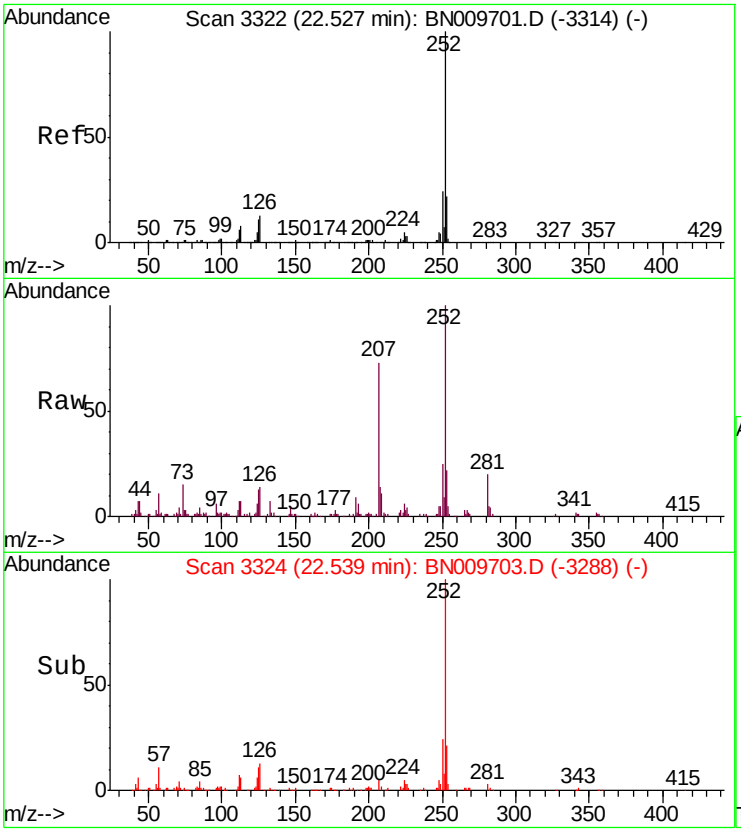


#84
Chrysene
Concen: 5.291 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.00 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Tgt Ion:228 Resp: 305849

Ion	Ratio	Lower	Upper
228	100		
226	30.0	23.5	35.3
229	20.6	15.8	23.8



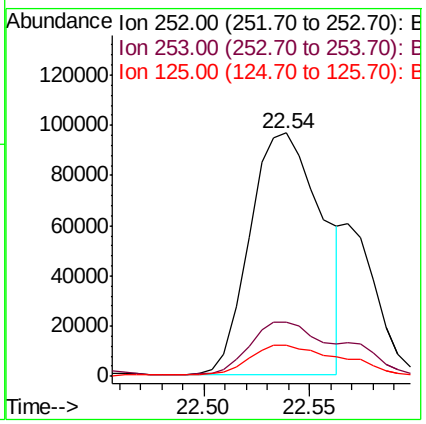


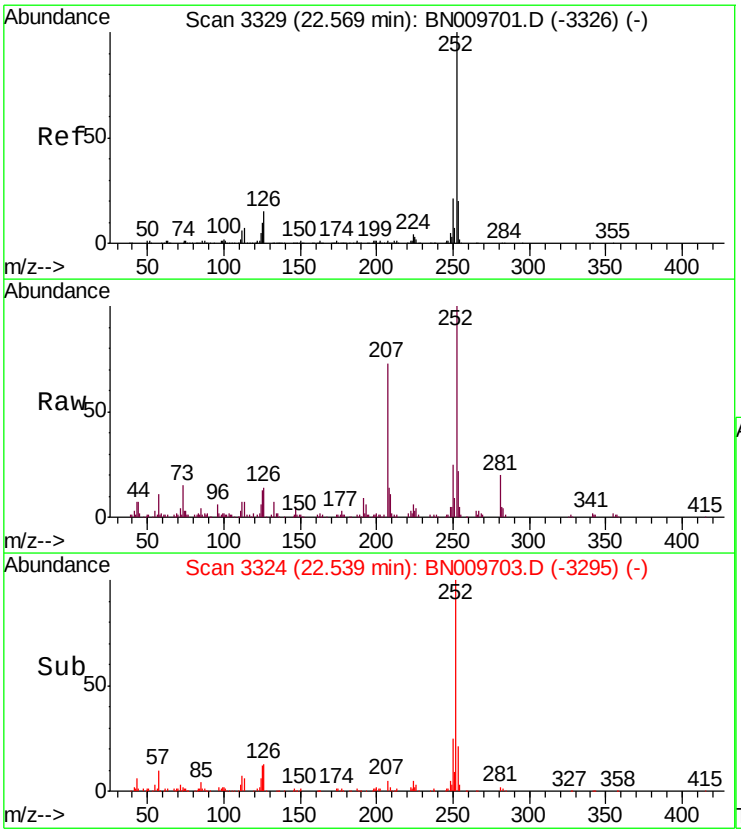
#87
Benzo(b)fluoranthene
Concen: 4.430 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. 0.01 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL

Tgt Ion:252 Resp: 228371

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.6
125	12.6	8.2	12.2#

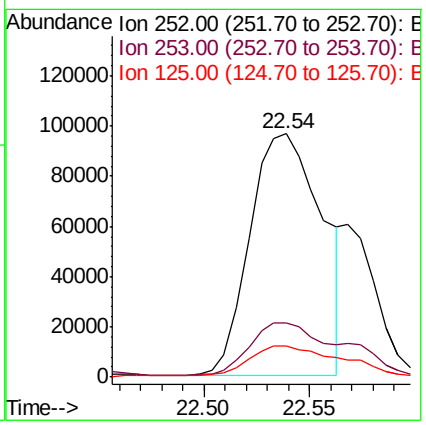


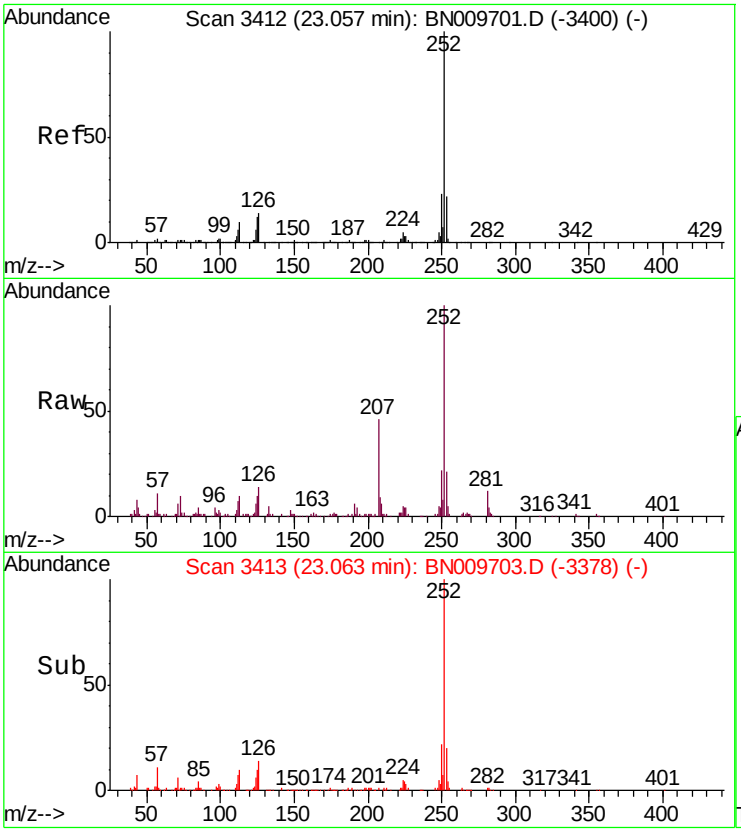


#88
Benzo(k)fluoranthene
Concen: 4.498 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. -0.03 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Tgt Ion:252 Resp: 228371

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.0	25.4
125	12.6	8.0	12.0#



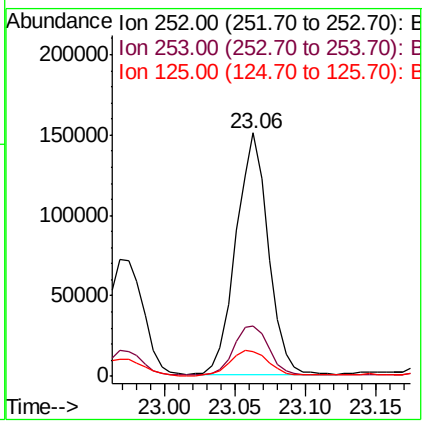


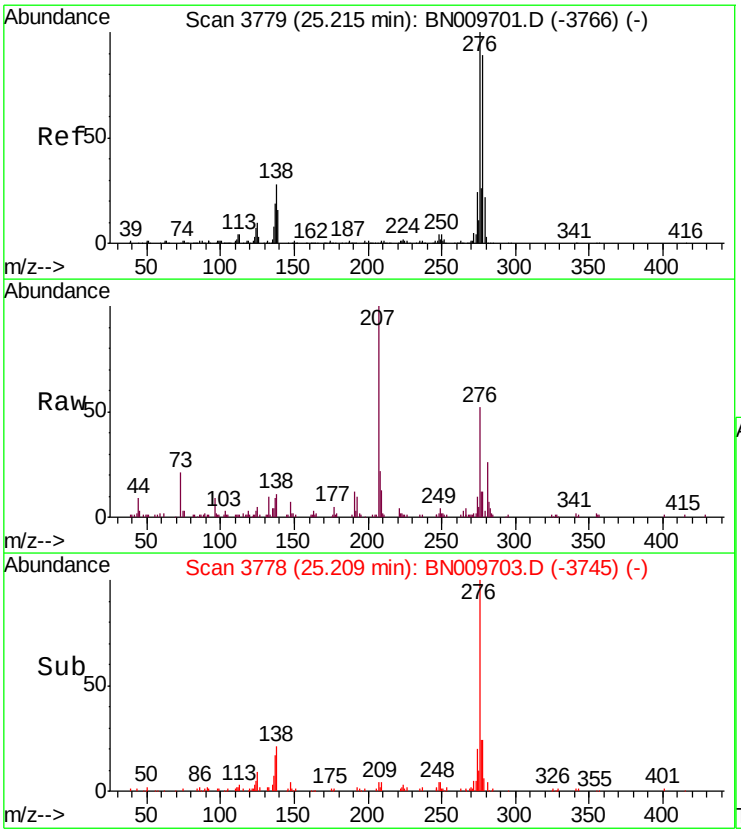
#90
Benzo(a)pyrene
Concen: 5.041 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. 0.01 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL

Tgt Ion:252 Resp: 240809

Ion	Ratio	Lower	Upper
252	100		
253	20.7	15.8	23.8
125	10.1	8.7	13.1

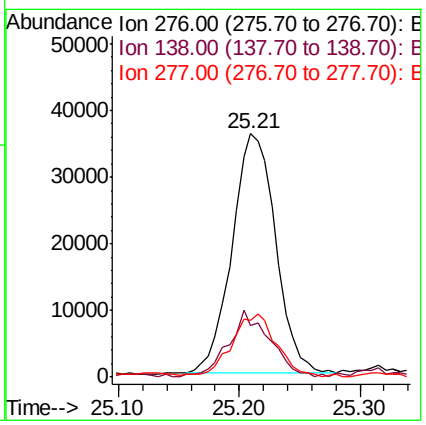


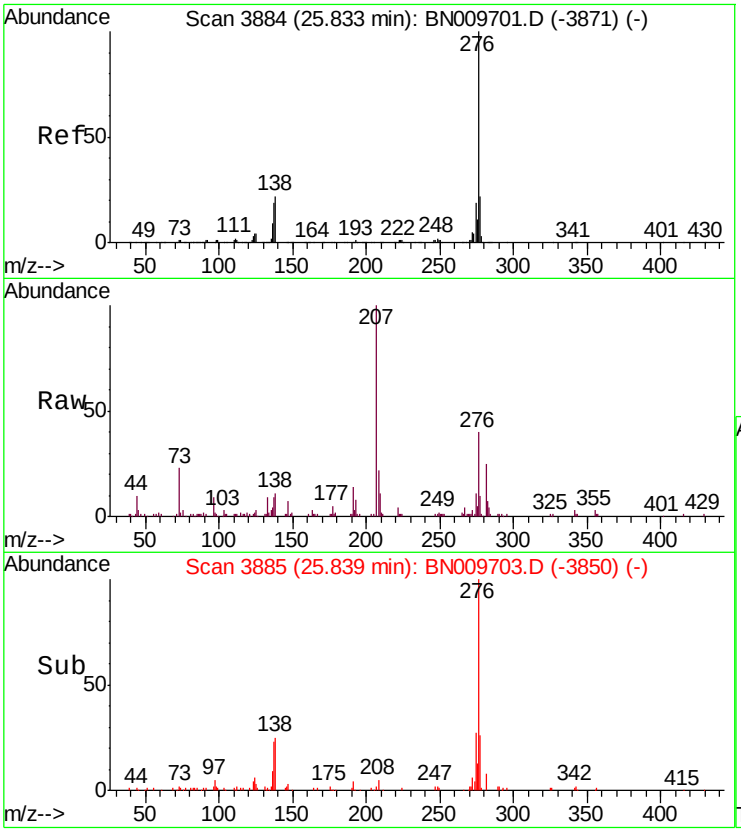


#91
Indeno(1,2,3-cd)pyrene
Concen: 1.596 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.01 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Tgt Ion:276 Resp: 90653

Ion	Ratio	Lower	Upper
276	100		
138	20.9	20.3	30.5
277	23.2	21.2	31.8





#93
Benzo(g,h,i)perylene
Concen: 1.747 ng/ul
RT: 25.84 min Scan# 3885
Delta R.T. 0.01 min
Lab File: BN009703.D
Acq: 11 Feb 2020 12:51

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL

Tgt Ion:276 Resp: 83159

Ion	Ratio	Lower	Upper
276	100		
138	26.3	16.0	24.0#
277	25.5	17.0	25.6