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

Quantitation Report (Not Reviewed)

Data File : BN009707.D
Acq On : 11 Feb 2020 16:55
Operator : CG/JU
Sample : L1324-05MEDL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT62MEDL

Quant Time: Feb 12 00:55:54 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	124059	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.17	136	533301	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	331447	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	691673	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	635637	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	634092	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	894	0.30	ng/uL	0.00
5) Phenol-d5	6.63	99	19247	1.78	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.78	67	14613	2.01	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	16862	2.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	17771	2.06	ng/ul	0.00
19) Nitrobenzene-d5	8.57	128	7888	1.99	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	8693	1.96	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	16192	1.95	ng/ul	0.02
29) 4-Chloroaniline-d4	10.33	131	20190	2.26	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	61068	2.52	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	70206	2.40	ng/ul	0.00
51) 4-Nitrophenol-d4	14.34	143	2464	0.54	ng/ul	0.04
57) Fluorene-d10	15.06	176	54095	2.54	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	3884	0.90	ng/ul	0.01
70) Anthracene-d10	16.92	188	82542	2.63	ng/ul	0.00
78) Pyrene-d10	19.23	212	89956	2.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	84600	2.71	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	2816121	97.375	ng/ul	100
30) 4-Chloroaniline	10.22	127	363188	39.450	ng/ul#	8
34) 2-Methylnaphthalene	11.84	142	869190	42.946	ng/ul	96
40) 1,1'-Biphenyl	12.88	154	173404	6.719	ng/ul	96
47) Acenaphthylene	13.77	152	770144	24.072	ng/ul	99
49) Acenaphthene	14.13	153	48148	2.214	ng/ul	91
53) Dibenzofuran	14.47	168	60438	1.996	ng/ul	99
58) Fluorene	15.12	166	321356	12.696	ng/ul	100
69) Phenanthrene	16.86	178	1855327	47.035	ng/ul	99
71) Anthracene	16.95	178	244301	6.104	ng/ul	98
76) Fluoranthene	18.89	202	744787	16.544	ng/ul	100
79) Pyrene	19.26	202	1023076	22.048	ng/ul	99
82) Benzo(a)anthracene	21.07	228	304379	6.935	ng/ul	97
84) Chrysene	21.07	228	304528	6.970	ng/ul	99
87) Benzo(b)fluoranthene	22.54	252	239225	6.030	ng/ul	98
88) Benzo(k)fluoranthene	22.54	252	239225	6.123	ng/ul#	98
90) Benzo(a)pyrene	23.06	252	187075	5.090	ng/ul#	95
91) Indeno(1,2,3-cd)pyrene	25.22	276	103736	2.374	ng/ul	91
93) Benzo(g,h,i)perylene	25.83	276	100993	2.757	ng/ul#	91

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

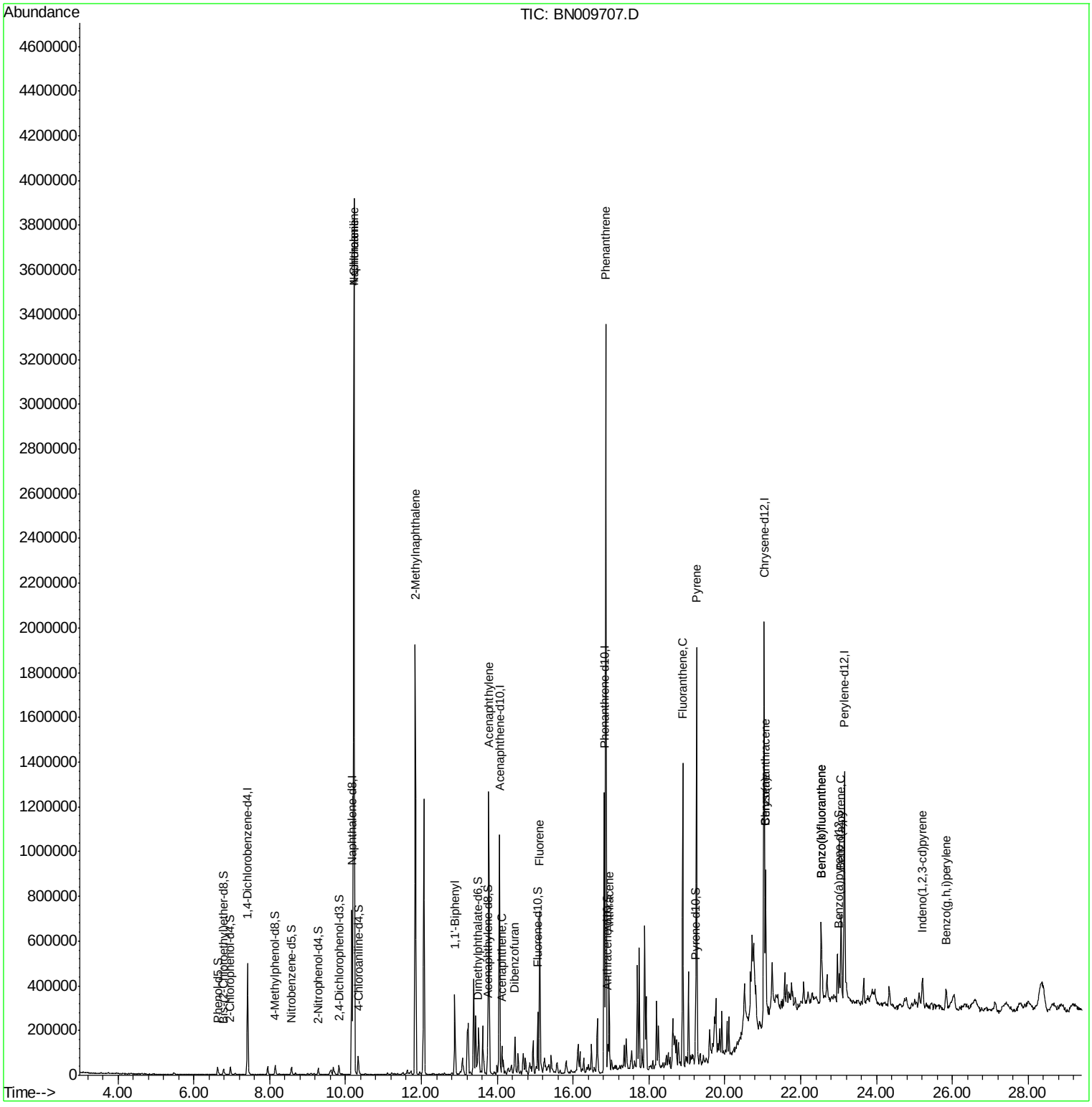
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021120\

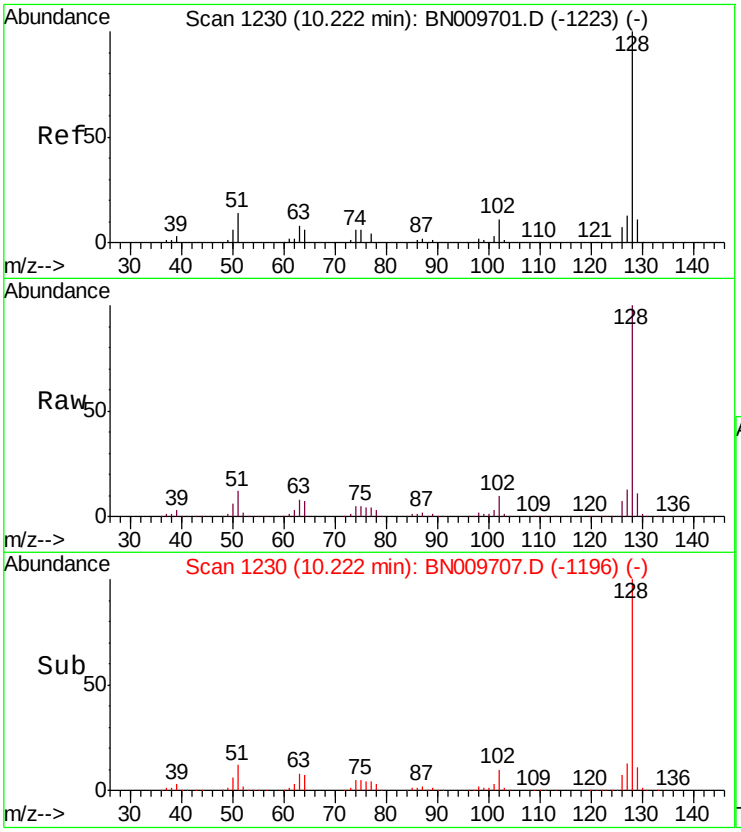
Quantitation Report (Not Reviewed)

Data File : BN009707.D
Acq On : 11 Feb 2020 16:55
Operator : CG/JU
Sample : L1324-05MEDL 10X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT62MEDL

Quant Time: Feb 12 00:55:54 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



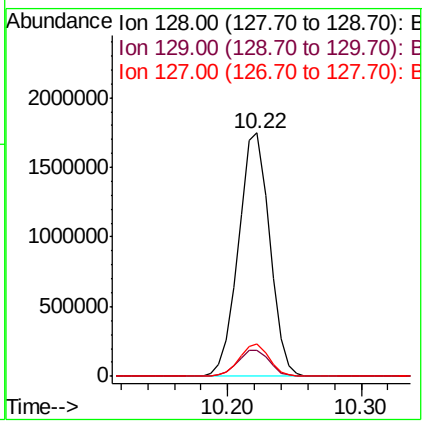


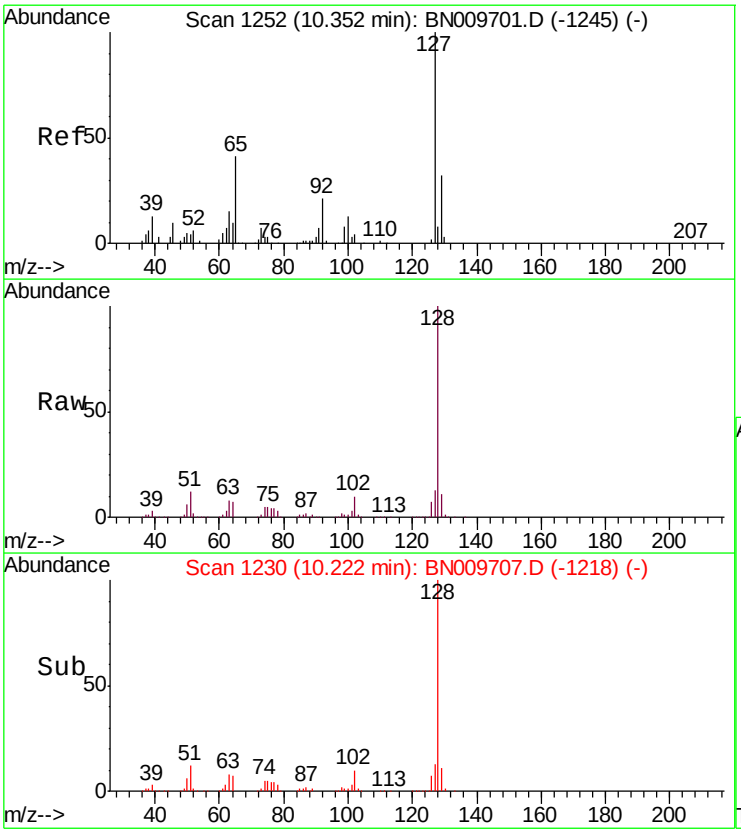
#28
Naphthalene
Concen: 97.375 ng/ul
RT: 10.22 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Instrument :
BNA_N
ClientSampleId :
GAT62MEDL

Tgt Ion:128 Resp: 2816121

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.7	13.1
127	13.2	10.7	16.1

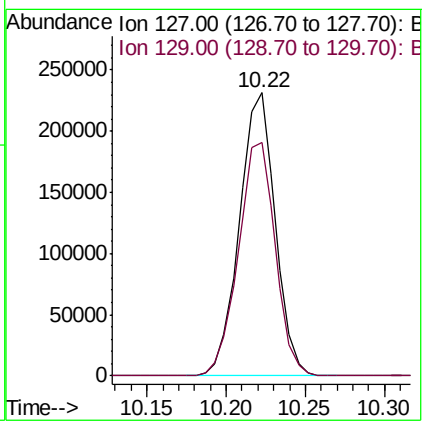


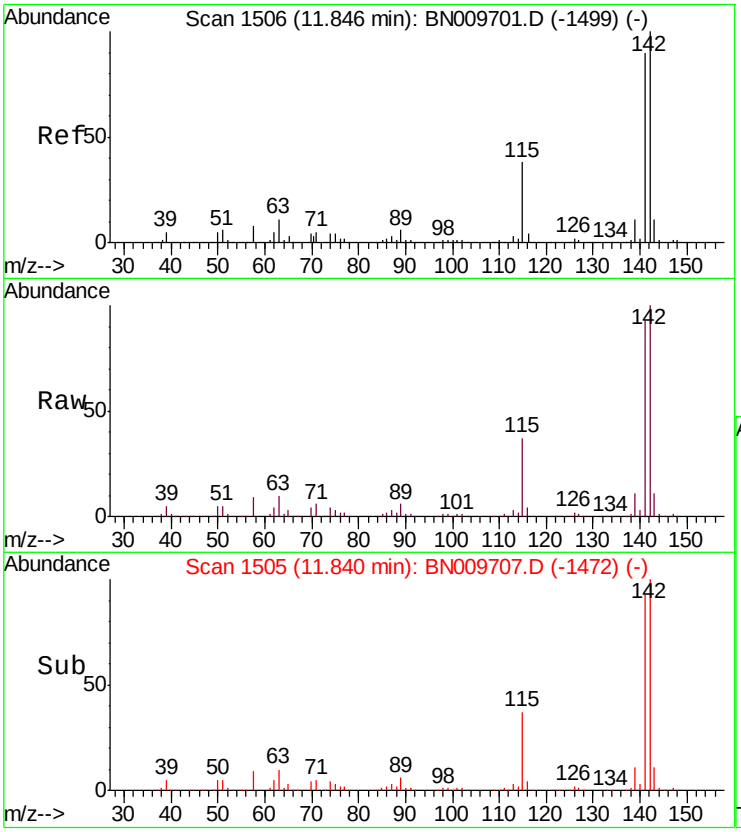


#30
4-Chloroaniline
Concen: 39.450 ng/ul
RT: 10.22 min Scan# 1230
Delta R.T. -0.13 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Tgt Ion:127 Resp: 363188

Ion	Ratio	Lower	Upper
127	100		
129	82.4	25.2	37.8#



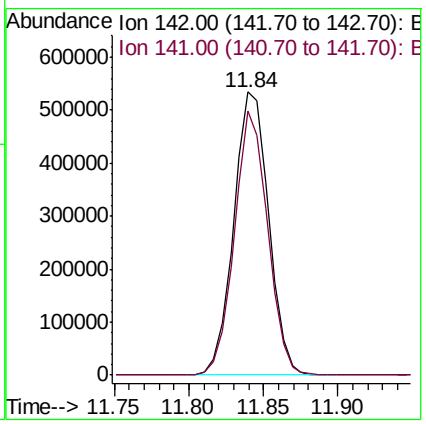


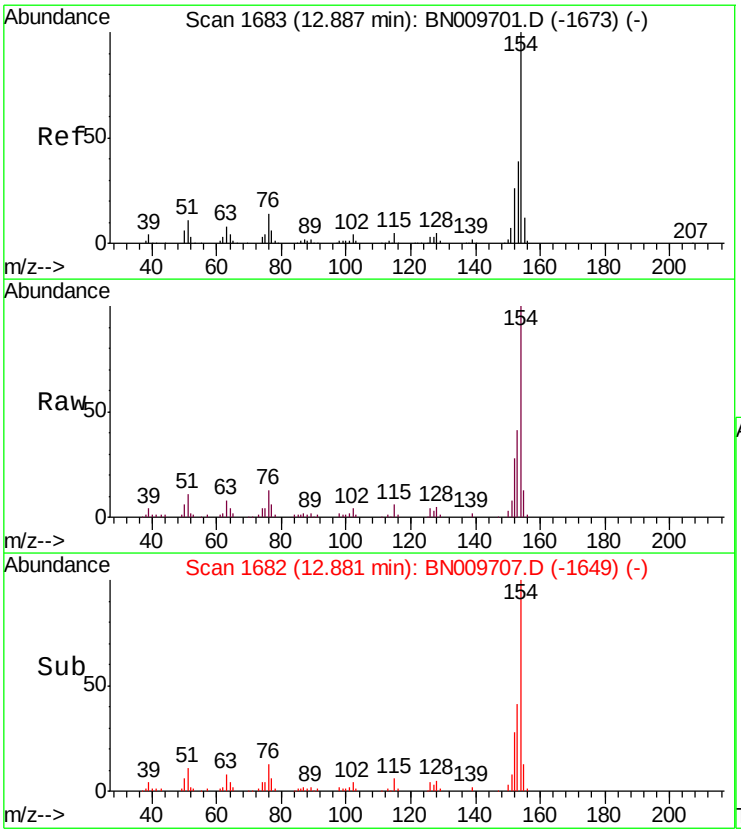
#34
2-Methylnaphthalene
Concen: 42.946 ng/ul
RT: 11.84 min Scan# 1505
Delta R.T. -0.01 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Instrument :
BNA_N
ClientSampleId :
GAT62MEDL

Tgt Ion:142 Resp: 869190

Ion	Ratio	Lower	Upper
142	100		
141	93.1	71.5	107.3

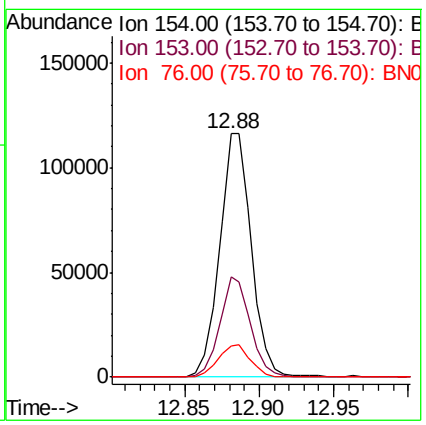


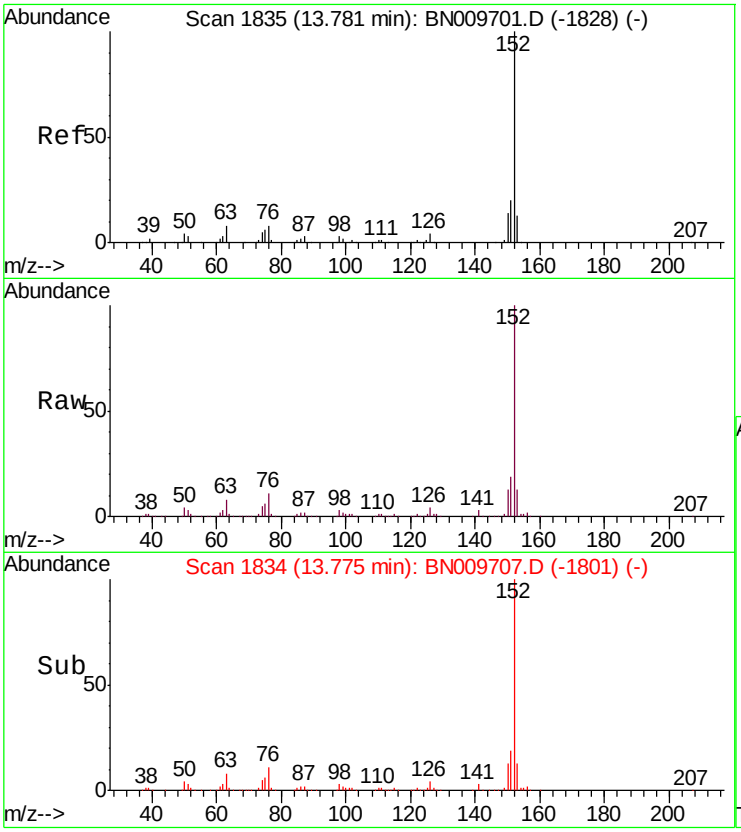


#40
1,1'-Biphenyl
Concen: 6.719 ng/ul
RT: 12.88 min Scan# 1682
Delta R.T. -0.01 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Tgt Ion:154 Resp: 173404

Ion	Ratio	Lower	Upper
154	100		
153	41.3	31.2	46.8
76	12.6	11.4	17.2



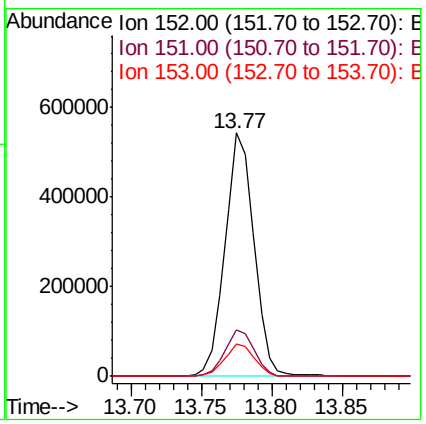


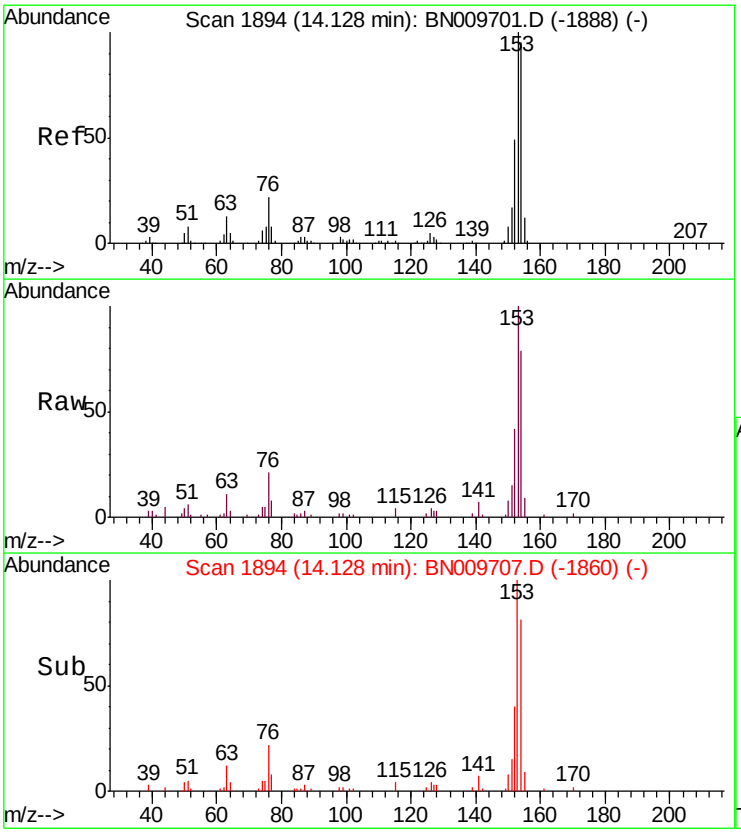
#47
Acenaphthylene
Concen: 24.072 ng/ul
RT: 13.77 min Scan# 1834
Delta R.T. -0.01 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Instrument :
BNA_N
ClientSampleId :
GAT62MEDL

Tgt Ion:152 Resp: 770144

Ion	Ratio	Lower	Upper
152	100		
151	19.3	16.2	24.2
153	13.1	10.6	15.8

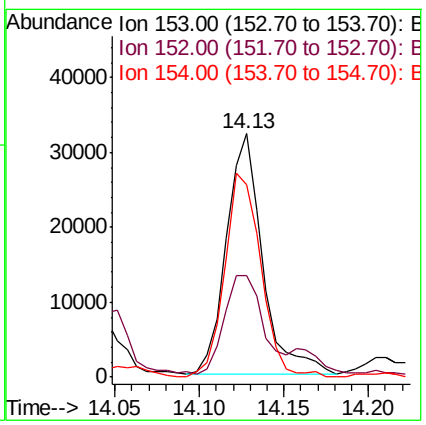


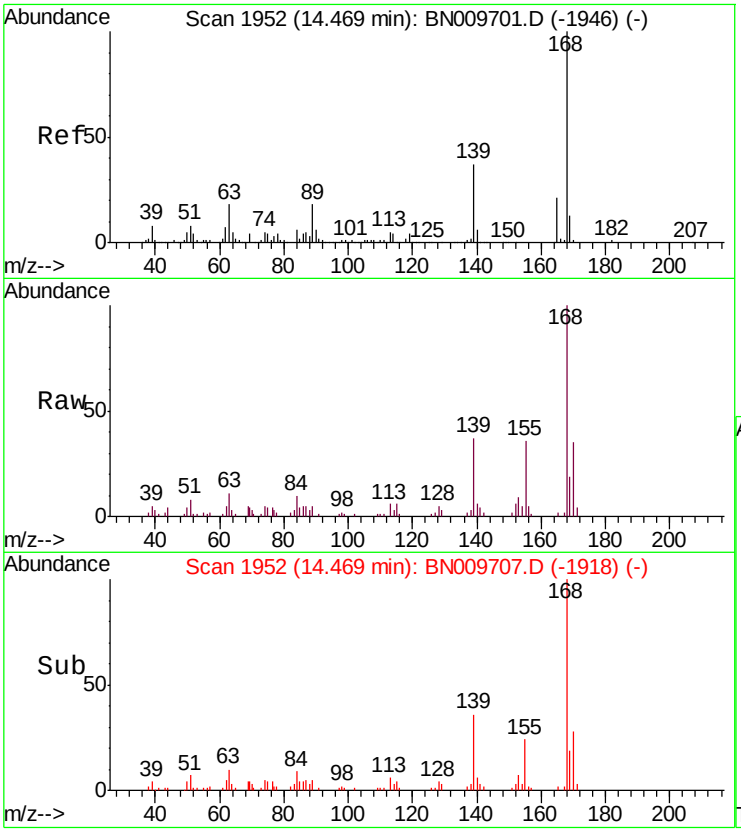


#49
Acenaphthene
Concen: 2.214 ng/ul
RT: 14.13 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Tgt Ion:153 Resp: 48148

Ion	Ratio	Lower	Upper
153	100		
152	41.9	37.3	55.9
154	78.8	70.2	105.2



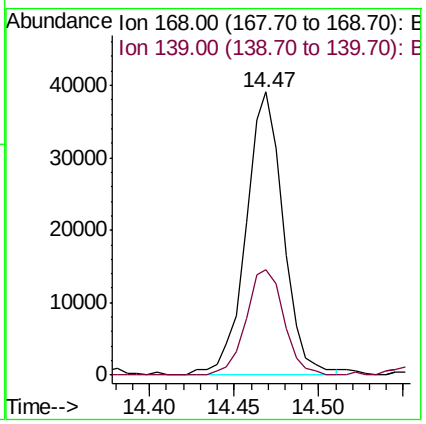


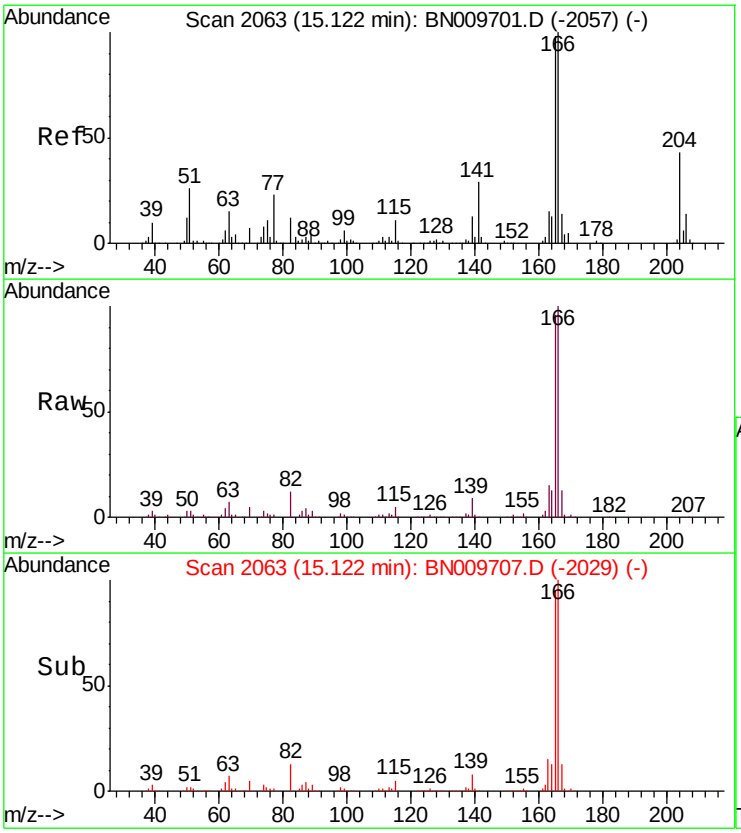
#53
Dibenzofuran
Concen: 1.996 ng/ul
RT: 14.47 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Instrument :
BNA_N
ClientSampleId :
GAT62MEDL

Tgt Ion:168 Resp: 60438

Ion	Ratio	Lower	Upper
168	100		
139	37.4	29.5	44.3

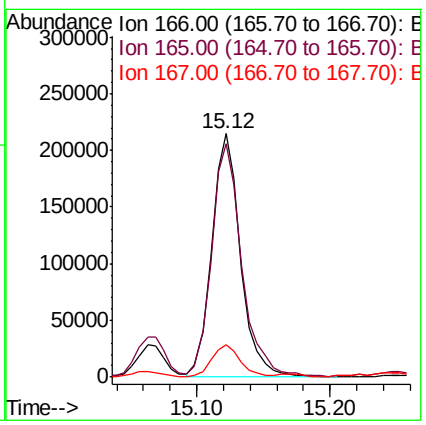


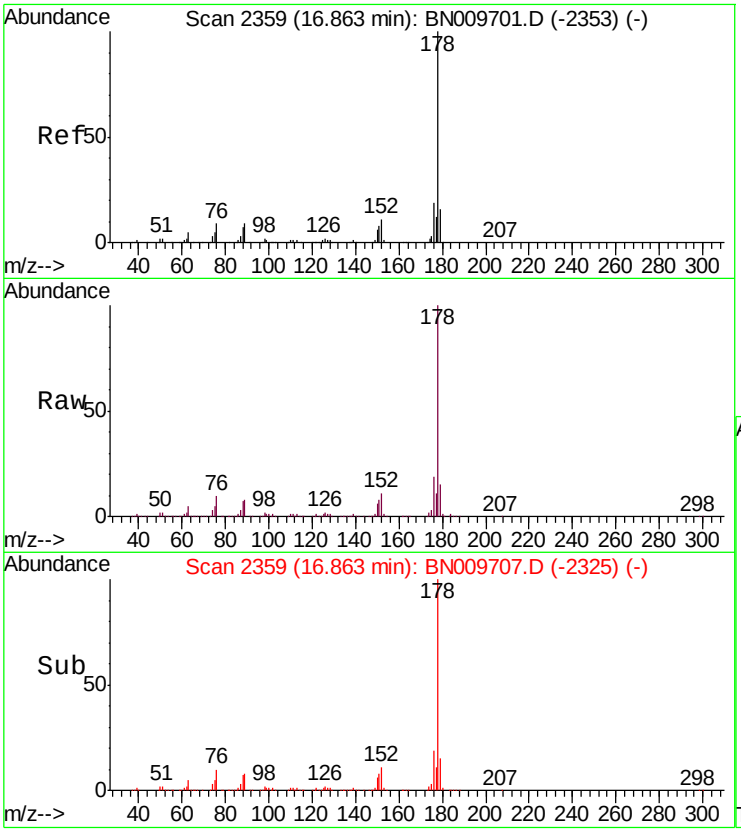


#58
Fluorene
Concen: 12.696 ng/ul
RT: 15.12 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Tgt Ion:166 Resp: 321356

Ion	Ratio	Lower	Upper
166	100		
165	95.9	76.7	115.1
167	13.5	11.1	16.7



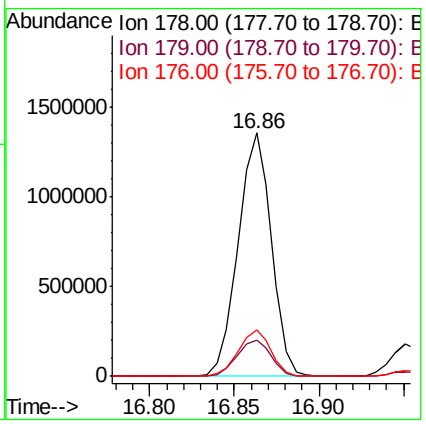


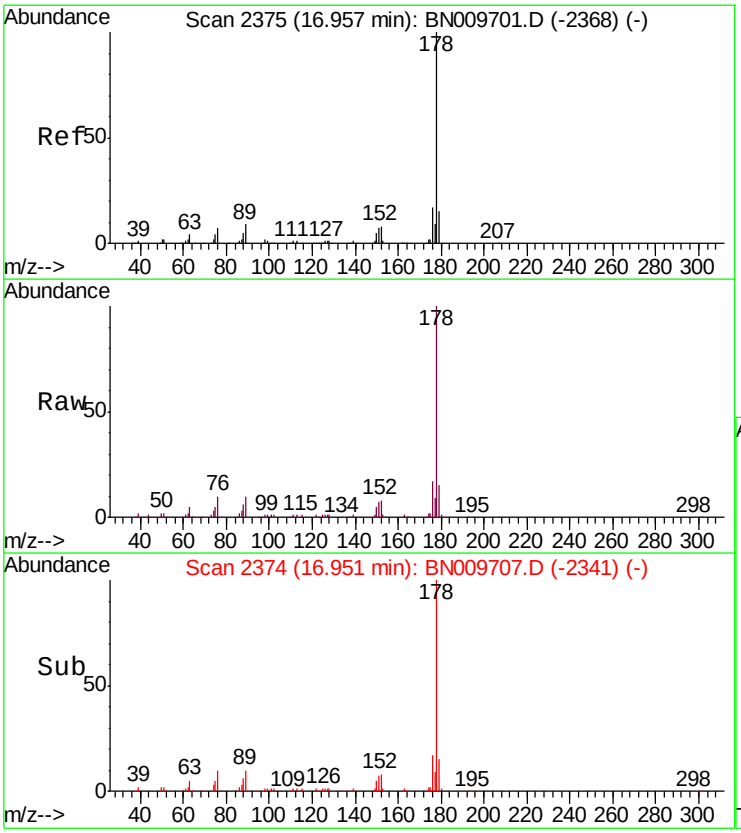
#69
Phenanthrene
Concen: 47.035 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Instrument :
BNA_N
ClientSampleId :
GAT62MEDL

Tgt Ion:178 Resp: 1855327

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	19.1	14.8	22.2

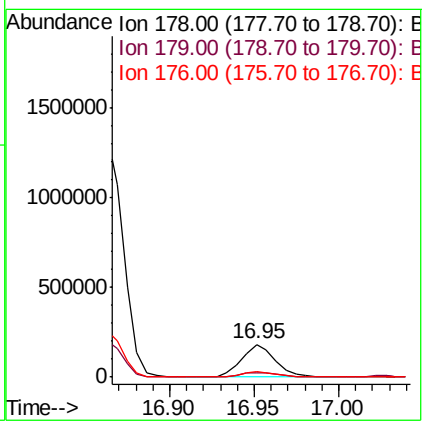


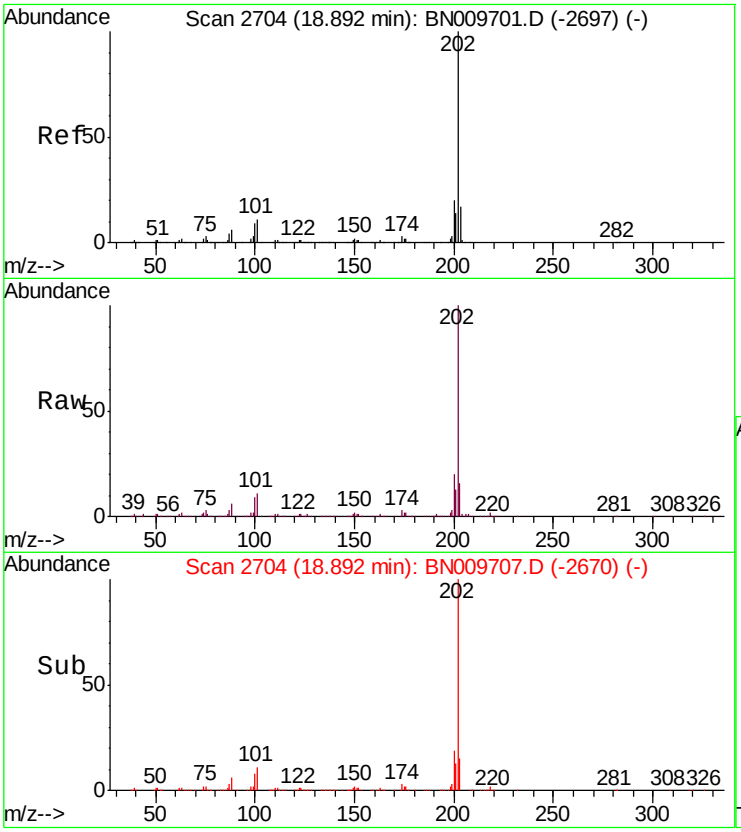


#71
Anthracene
Concen: 6.104 ng/ul
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Tgt Ion:178 Resp: 244301

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.1	18.1
176	16.6	14.6	21.8



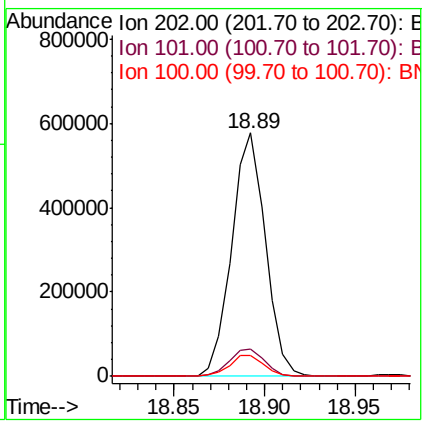


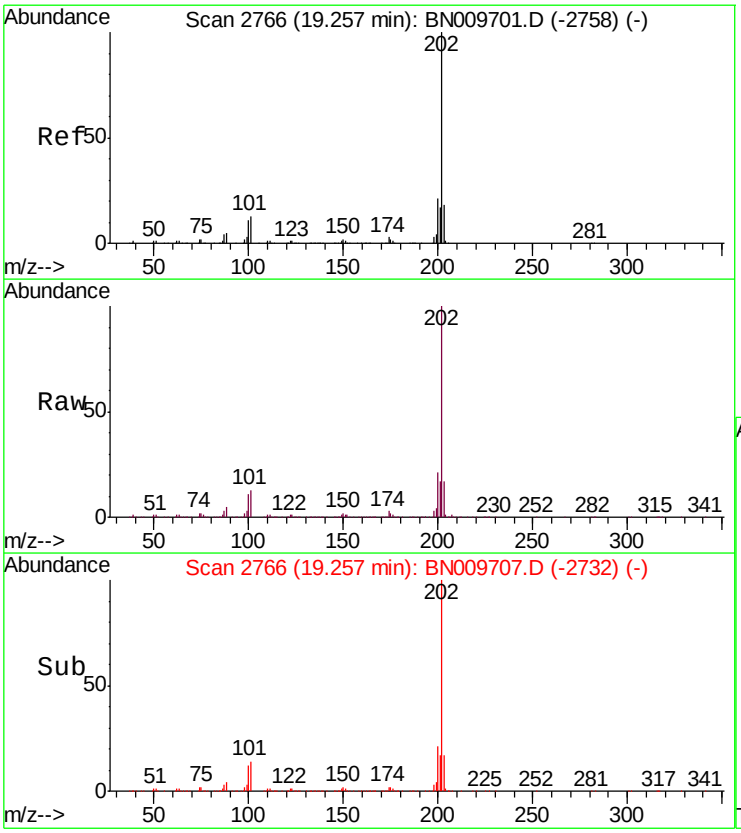
#76
Fluoranthene
Concen: 16.544 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. 0.00 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Instrument :
BNA_N
ClientSampleId :
GAT62MEDL

Tgt Ion:202 Resp: 744787

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

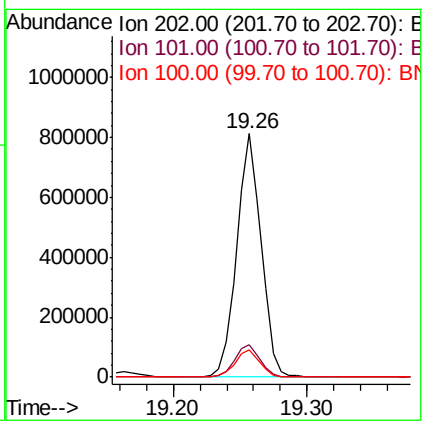


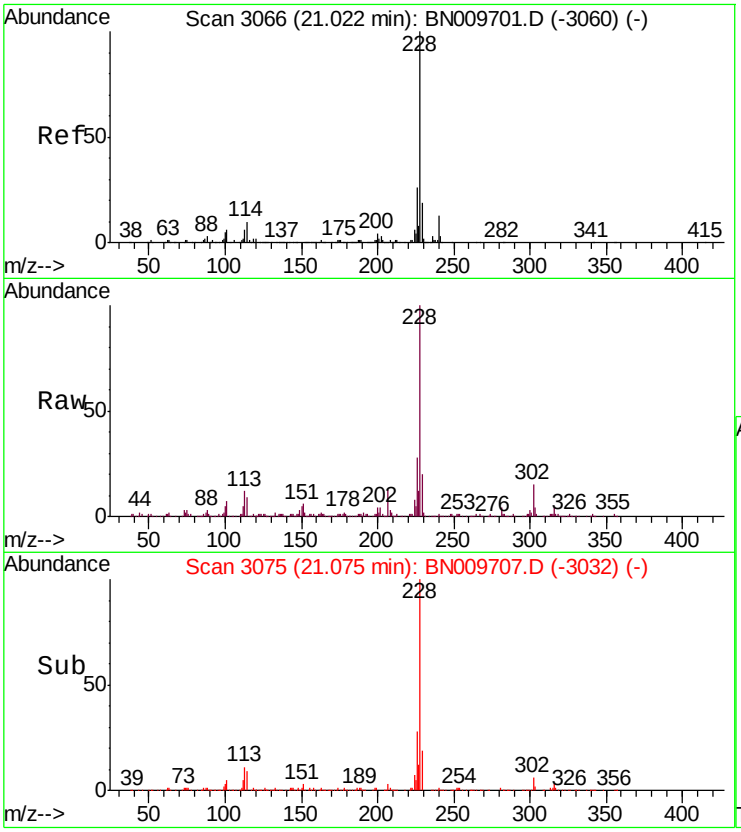


#79
Pyrene
Concen: 22.048 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Tgt Ion:202 Resp: 1023076

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.3	15.5
100	11.2	8.4	12.6



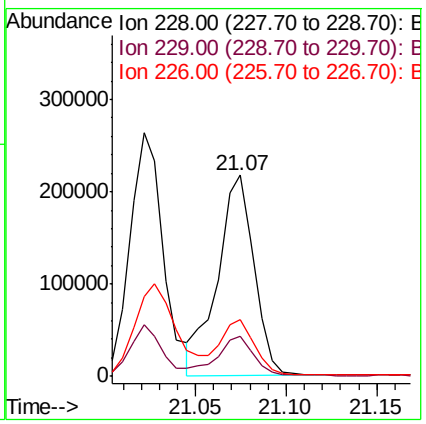


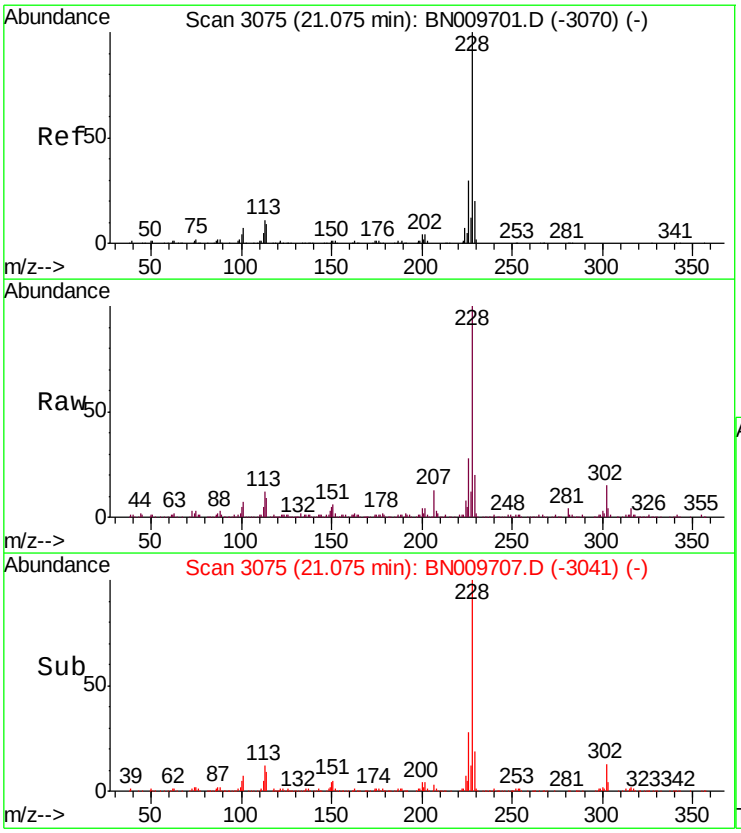
#82
Benzo(a)anthracene
Concen: 6.935 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. 0.05 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Instrument :
BNA_N
ClientSampleId :
GAT62MEDL

Tgt Ion:228 Resp: 304379

Ion	Ratio	Lower	Upper
228	100		
229	19.8	15.0	22.4
226	28.2	20.9	31.3

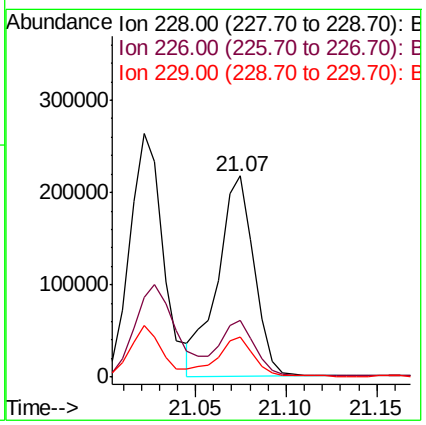


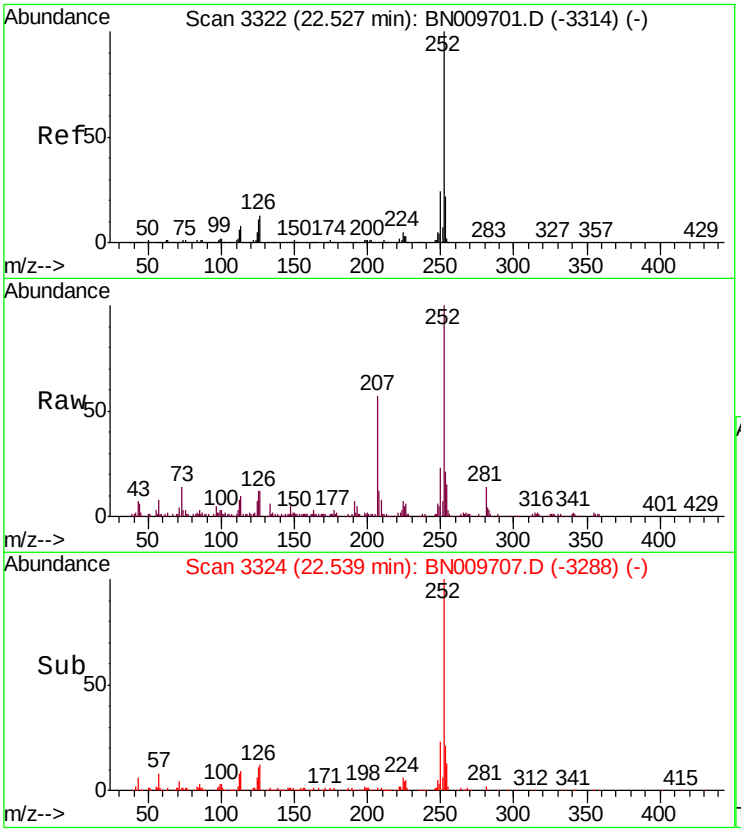


#84
Chrysene
Concen: 6.970 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. 0.00 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Tgt Ion:228 Resp: 304528

Ion	Ratio	Lower	Upper
228	100		
226	28.2	23.5	35.3
229	19.8	15.8	23.8



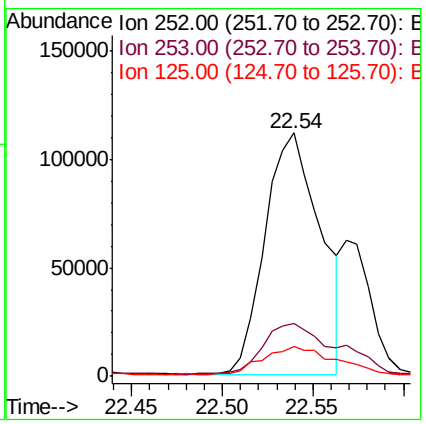


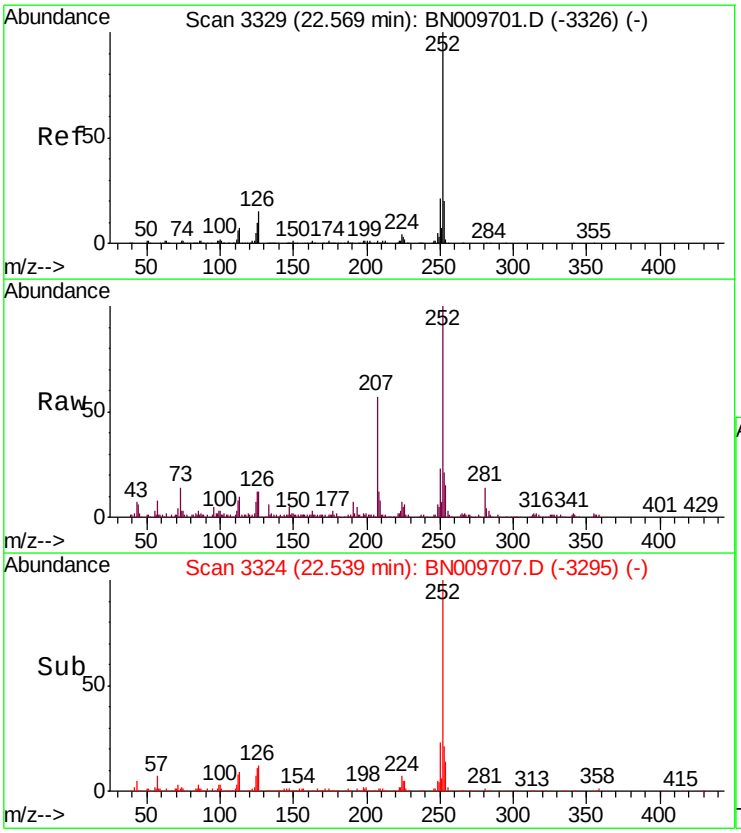
#87
Benzo(b)fluoranthene
Concen: 6.030 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. 0.01 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Instrument :
BNA_N
ClientSampleId :
GAT62MEDL

Tgt Ion:252 Resp: 239225

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.6
125	12.1	8.2	12.2

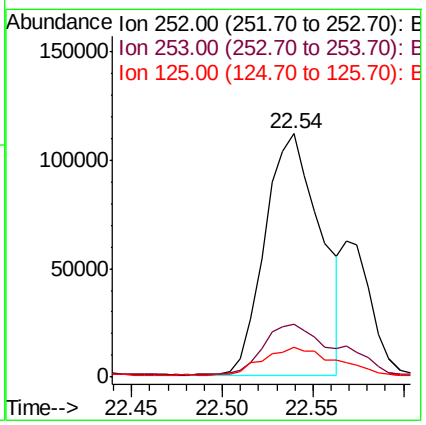


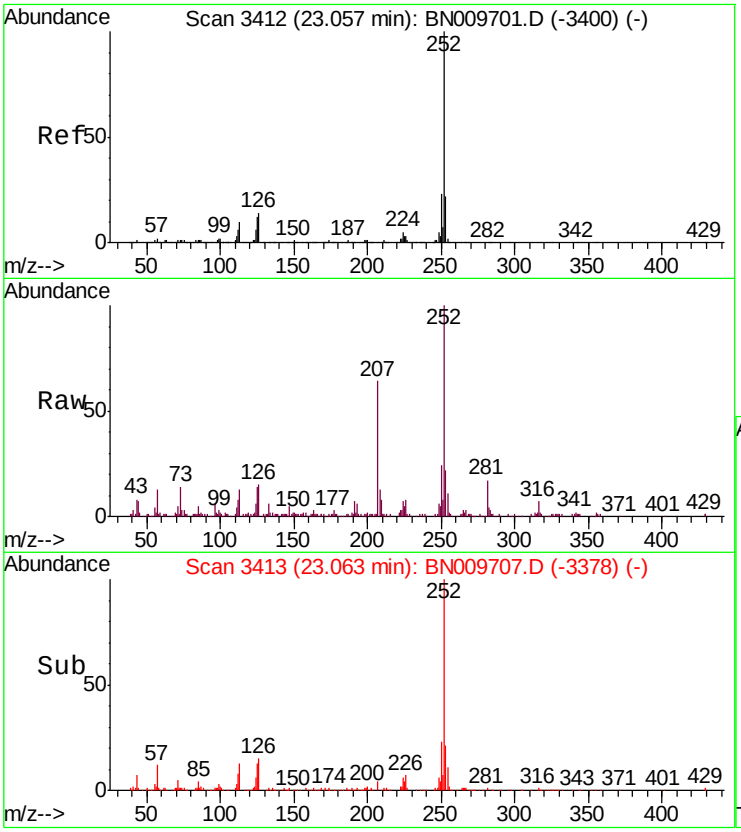


#88
Benzo(k)fluoranthene
Concen: 6.123 ng/ul
RT: 22.54 min Scan# 3324
Delta R.T. -0.03 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Tgt Ion:252 Resp: 239225

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	12.1	8.0	12.0#



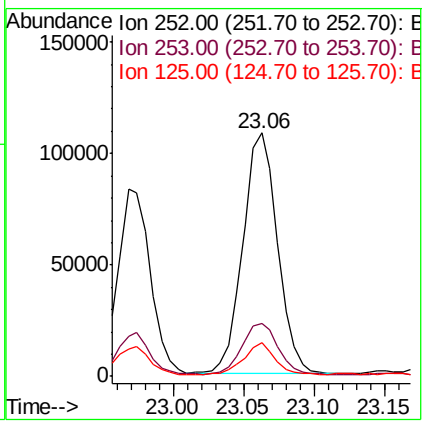


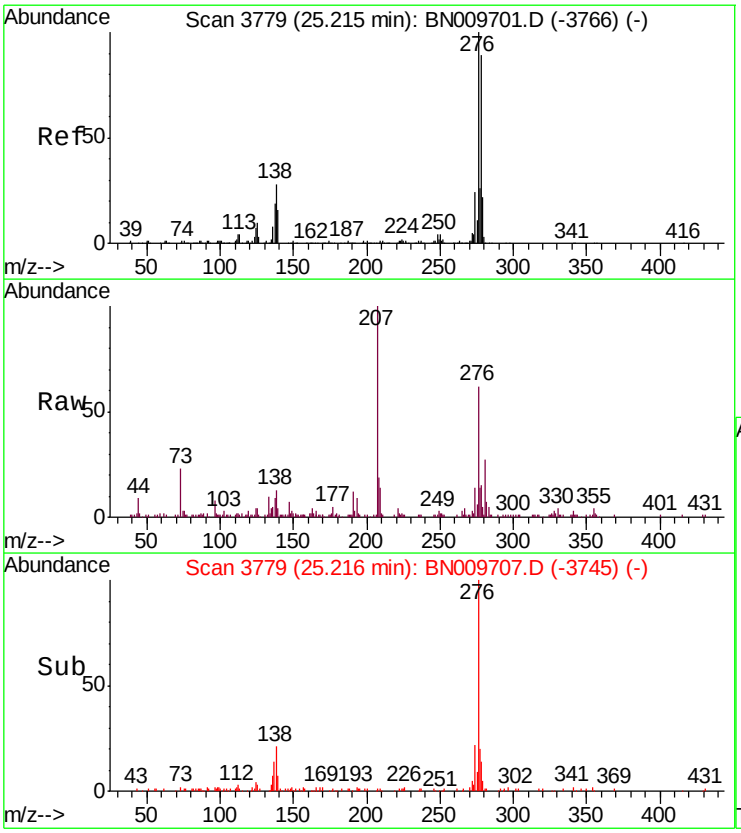
#90
Benzo(a)pyrene
Concen: 5.090 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. 0.01 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Instrument :
BNA_N
ClientSampleId :
GAT62MEDL

Tgt Ion:252 Resp: 187075

Ion	Ratio	Lower	Upper
252	100		
253	21.6	15.8	23.8
125	13.7	8.7	13.1#

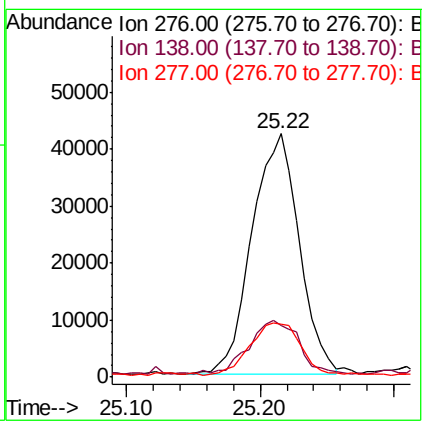


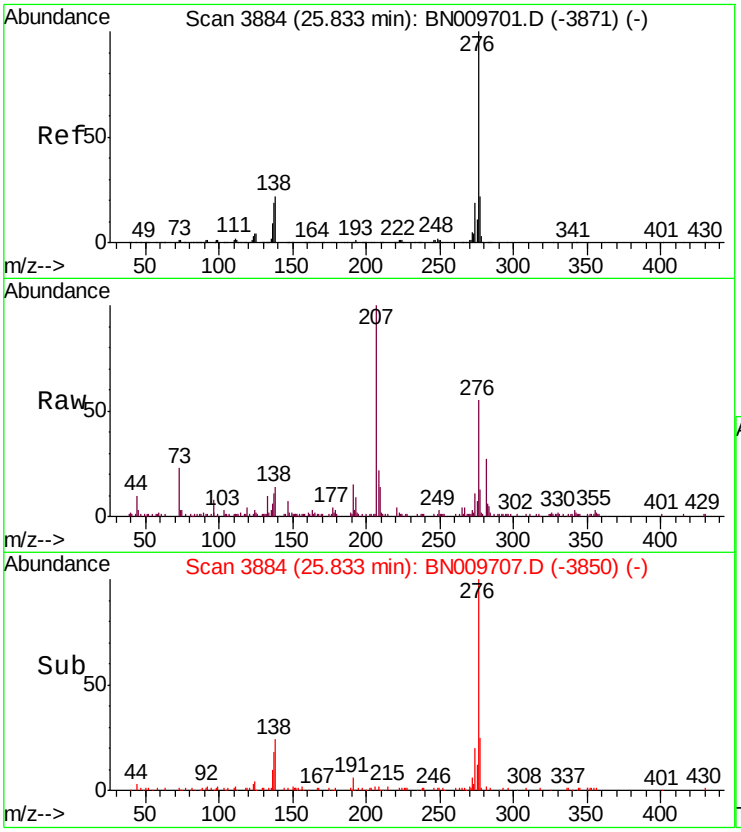


#91
Indeno(1,2,3-cd)pyrene
Concen: 2.374 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. 0.00 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Tgt Ion:276 Resp: 103736

Ion	Ratio	Lower	Upper
276	100		
138	21.1	20.3	30.5
277	21.8	21.2	31.8





#93
Benzo(g,h,i)perylene
Concen: 2.757 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. 0.00 min
Lab File: BN009707.D
Acq: 11 Feb 2020 16:55

Instrument :
BNA_N
ClientSampleId :
GAT62MEDL

Tgt Ion:276 Resp: 100993

Ion	Ratio	Lower	Upper
276	100		
138	25.0	16.0	24.0#
277	24.3	17.0	25.6