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

Quantitation Report (Not Reviewed)

Data File : BN009704.D
Acq On : 11 Feb 2020 13:34
Operator : CG/JU
Sample : L1324-16MEDL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT71MEDL

Quant Time: Feb 12 00:55:13 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	139706	20.00	ng/ul	0.00
18) Naphthalene-d8	10.18	136	618198	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	401440	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.82	188	845277	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	825813	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	821788	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	708	0.21	ng/uL	0.00
5) Phenol-d5	6.63	99	16438	1.35	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	12957	1.58	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	13436	1.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	13970	1.44	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	6231	1.36	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	5769	1.12	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.83	165	11556	1.20	ng/ul	0.02
29) 4-Chloroaniline-d4	10.35	131	16938	1.64	ng/ul	0.02
43) Dimethylphthalate-d6	13.49	166	56914	1.94	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	57494	1.62	ng/ul	0.00
51) 4-Nitrophenol-d4	14.35	143	1295	0.23	ng/ul	0.04
57) Fluorene-d10	15.07	176	50669	1.97	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	2857	0.54	ng/ul	0.01
70) Anthracene-d10	16.92	188	74572	1.94	ng/ul	0.00
78) Pyrene-d10	19.23	212	77223	1.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	72675	1.80	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.22	128	2257661	67.344	ng/ul	99
34) 2-Methylnaphthalene	11.85	142	586911	25.017	ng/ul	100
40) 1,1'-Biphenyl	12.89	154	60547	1.937	ng/ul	99
47) Acenaphthylene	13.78	152	485519	12.530	ng/ul	98
49) Acenaphthene	14.13	153	31608	1.200	ng/ul	96
58) Fluorene	15.12	166	250515	8.172	ng/ul	94
69) Phenanthrene	16.86	178	1170397	24.279	ng/ul	99
71) Anthracene	16.95	178	270984	5.540	ng/ul	98
76) Fluoranthene	18.89	202	435602	7.917	ng/ul	99
79) Pyrene	19.26	202	622332	10.323	ng/ul	98
82) Benzo(a)anthracene	21.07	228	168663	2.958	ng/ul	92
84) Chrysene	21.07	228	168786	2.974	ng/ul	96
87) Benzo(b)fluoranthene	22.53	252	118921	2.313	ng/ul#	95
88) Benzo(k)fluoranthene	22.53	252	118921	2.349	ng/ul#	95
90) Benzo(a)pyrene	23.06	252	134706	2.828	ng/ul	96

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

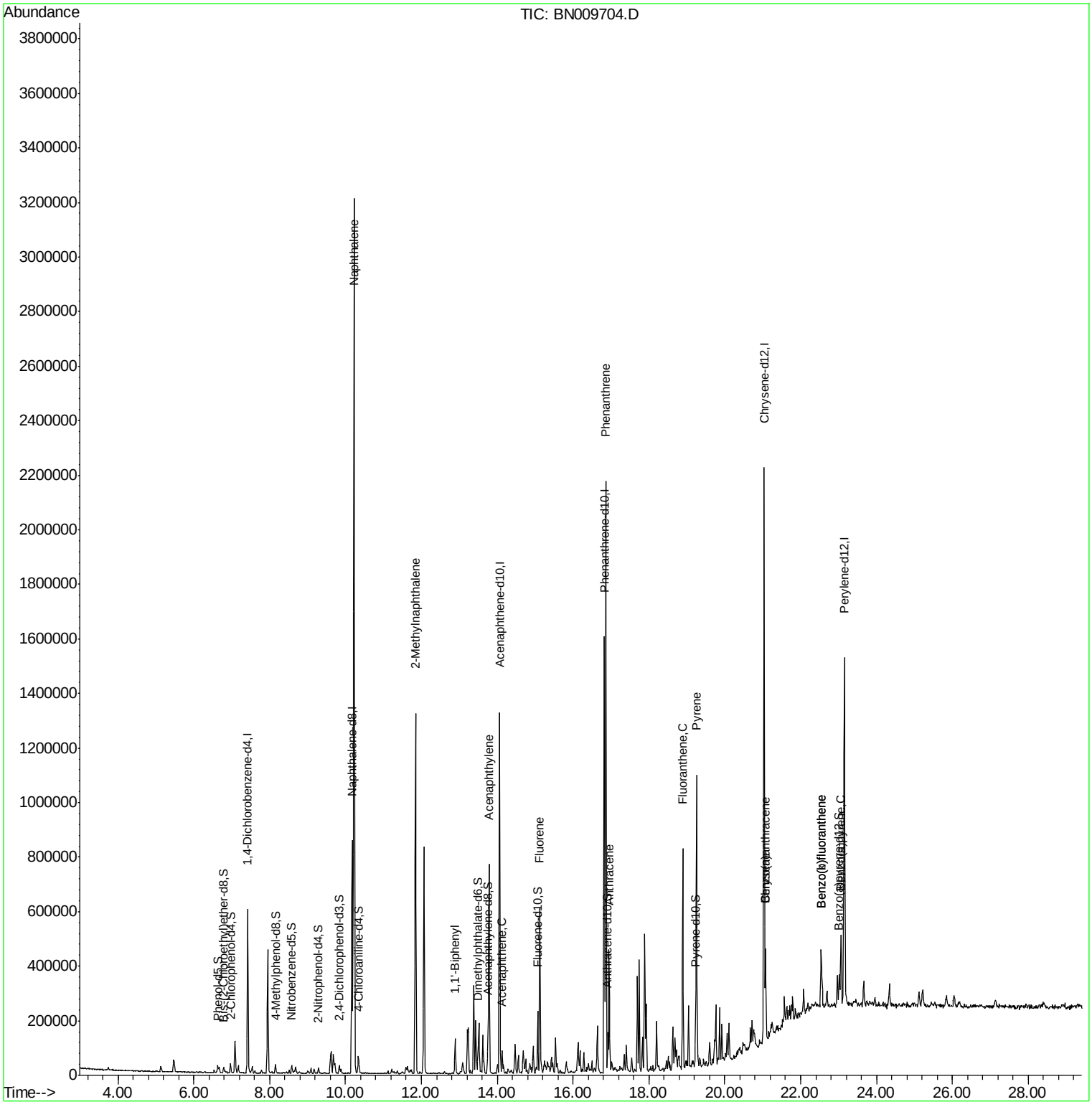
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021120\

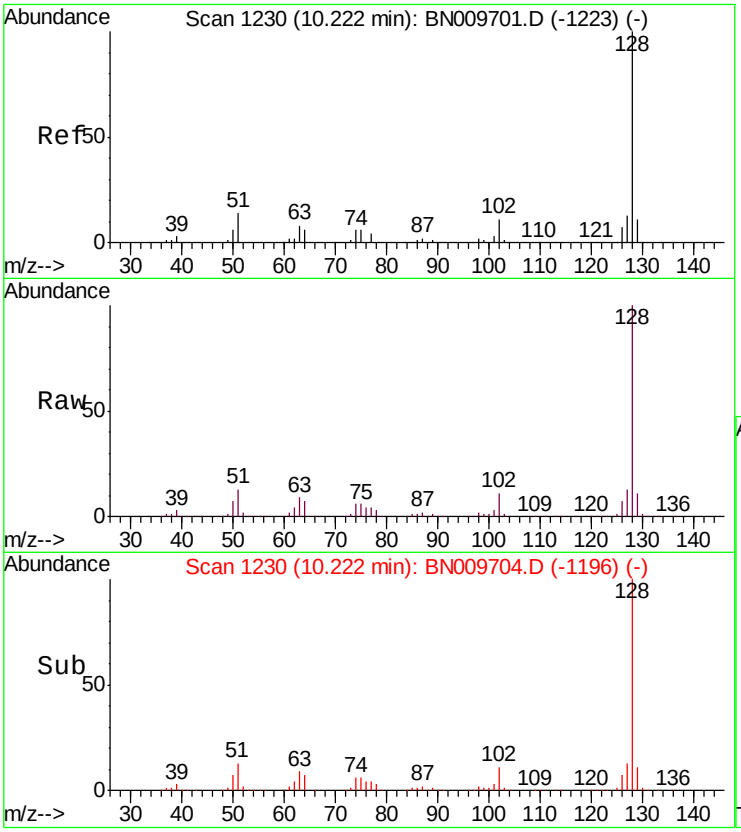
Quantitation Report (Not Reviewed)

Data File : BN009704.D
Acq On : 11 Feb 2020 13:34
Operator : CG/JU
Sample : L1324-16MEDL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT71MEDL

Quant Time: Feb 12 00:55:13 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



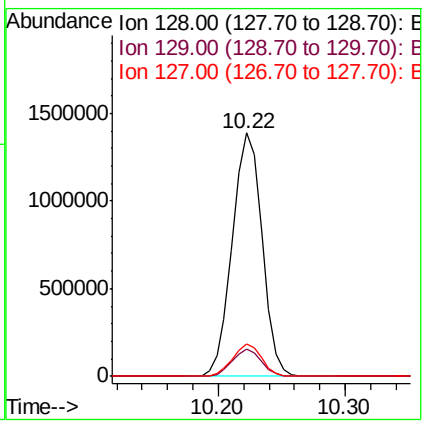


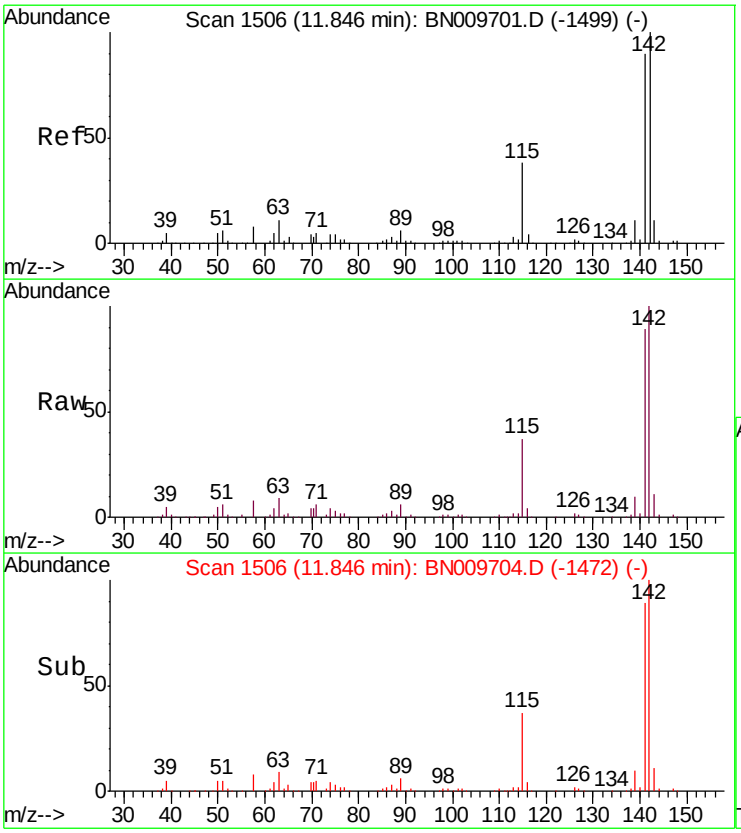
#28
Naphthalene
Concen: 67.344 ng/ul
RT: 10.22 min Scan# 1230
Delta R.T. 0.00 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Instrument :
BNA_N
ClientSampleId :
GAT71MEDL

Tgt Ion:128 Resp: 2257661

Ion	Ratio	Lower	Upper
128	100		
129	11.3	8.7	13.1
127	13.3	10.7	16.1

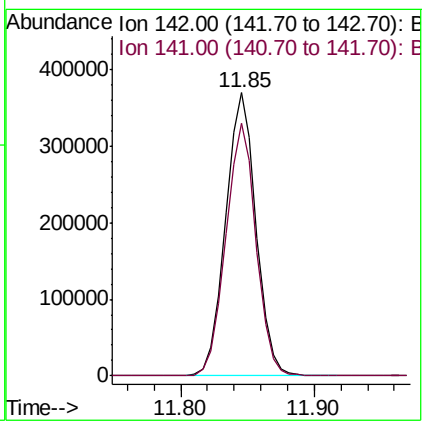


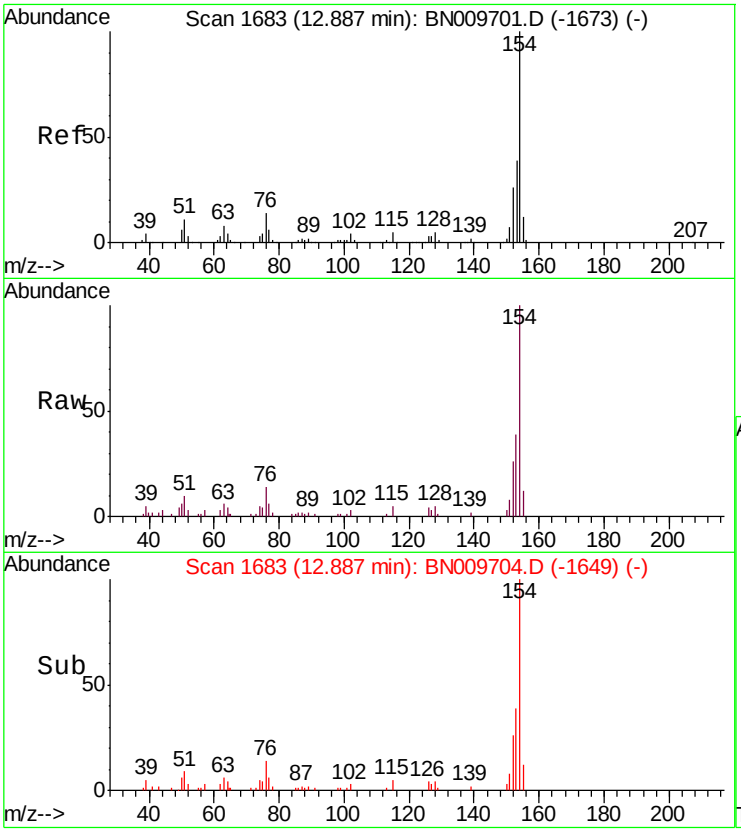


#34
2-Methylnaphthalene
Concen: 25.017 ng/ul
RT: 11.85 min Scan# 1506
Delta R.T. 0.00 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Tgt Ion:142 Resp: 586911

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.5	107.3



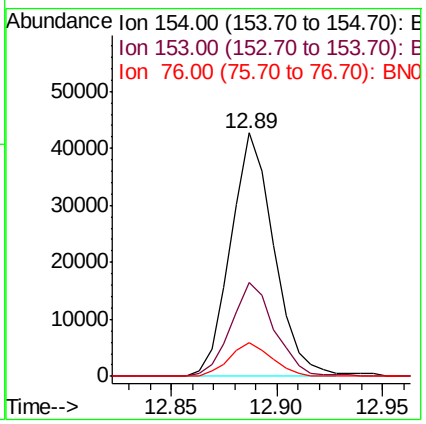


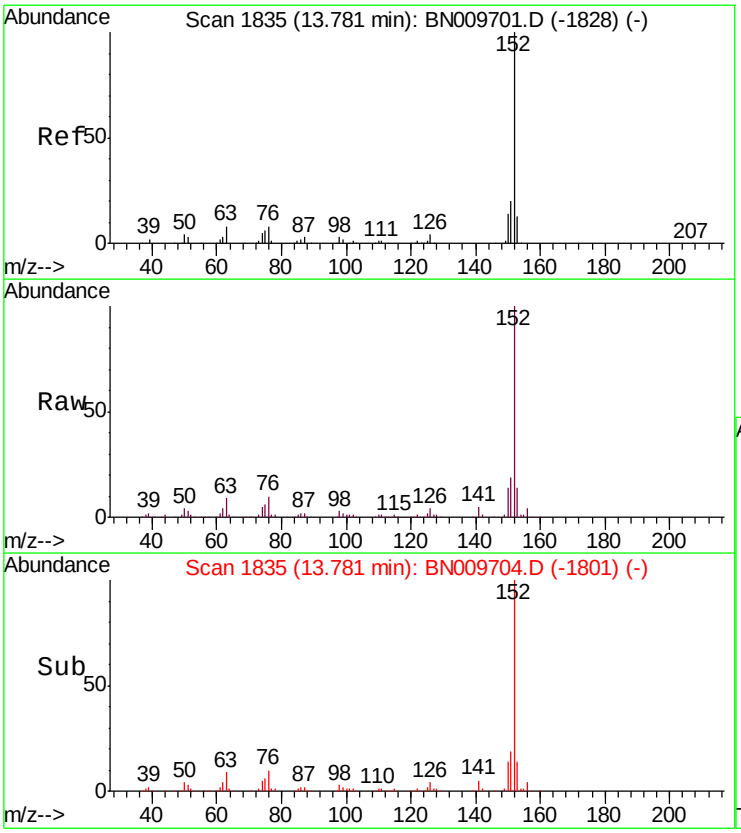
#40
1,1'-Biphenyl
Concen: 1.937 ng/ul
RT: 12.89 min Scan# 1683
Delta R.T. 0.00 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Instrument :
BNA_N
ClientSampleId :
GAT71MEDL

Tgt Ion:154 Resp: 60547

Ion	Ratio	Lower	Upper
154	100		
153	38.8	31.2	46.8
76	13.9	11.4	17.2

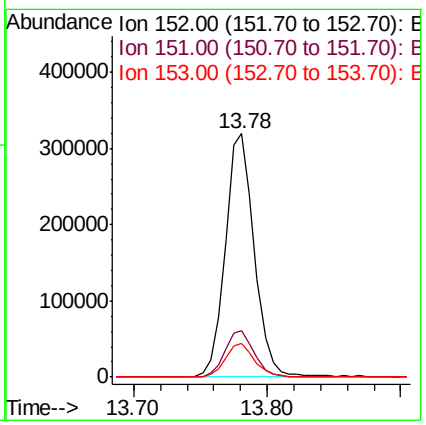


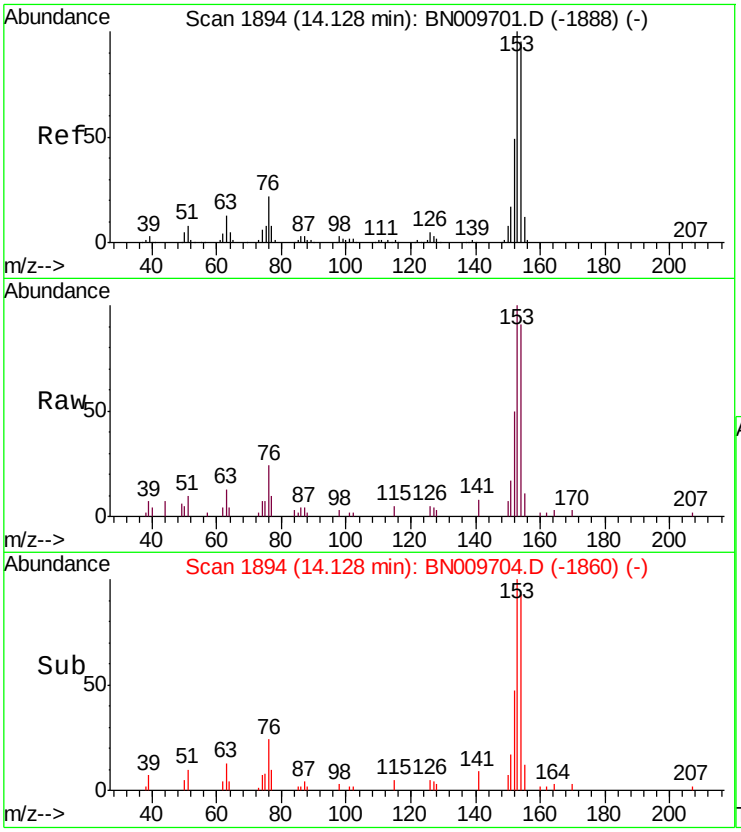


#47
Acenaphthylene
Concen: 12.530 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. 0.00 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Tgt Ion:152 Resp: 485519

Ion	Ratio	Lower	Upper
152	100		
151	19.1	16.2	24.2
153	13.7	10.6	15.8



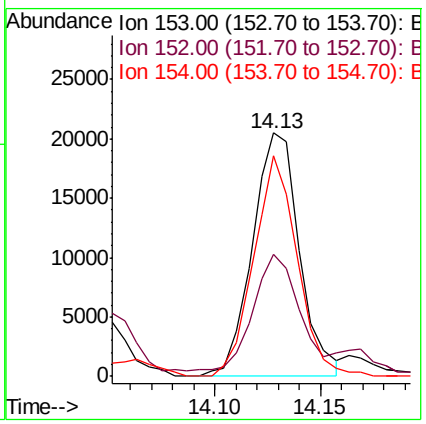


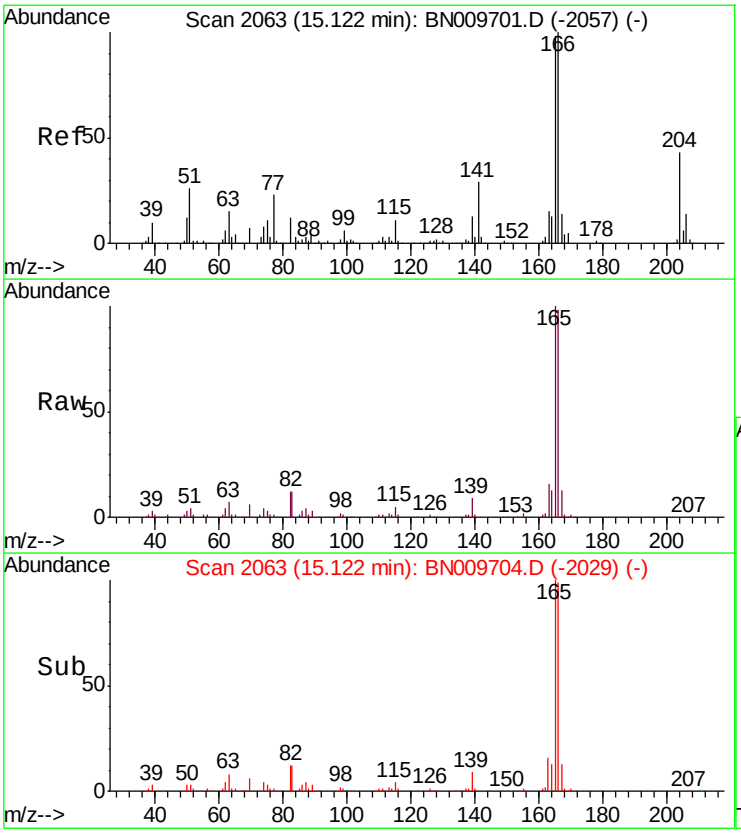
#49
Acenaphthene
Concen: 1.200 ng/ul
RT: 14.13 min Scan# 1894
Delta R.T. 0.00 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Instrument :
BNA_N
ClientSampleId :
GAT71MEDL

Tgt Ion:153 Resp: 31608

Ion	Ratio	Lower	Upper
153	100		
152	50.1	37.3	55.9
154	90.6	70.2	105.2

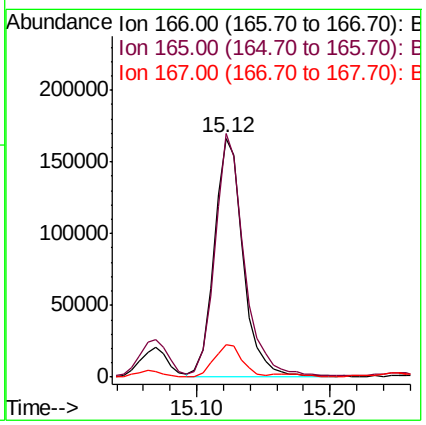


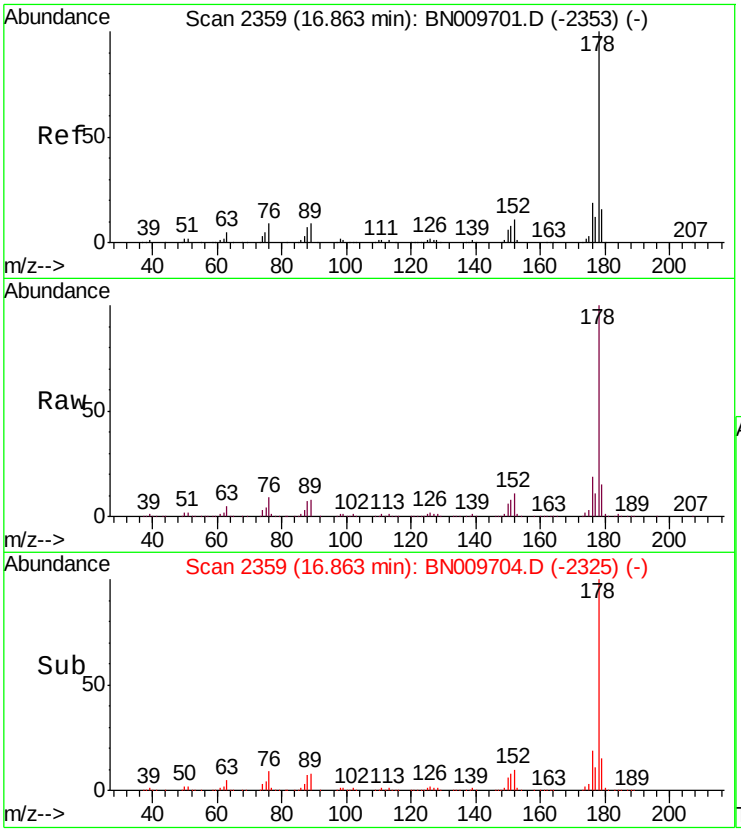


#58
Fluorene
Concen: 8.172 ng/ul
RT: 15.12 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Tgt Ion:166 Resp: 250515

Ion	Ratio	Lower	Upper
166	100		
165	102.0	76.7	115.1
167	13.7	11.1	16.7



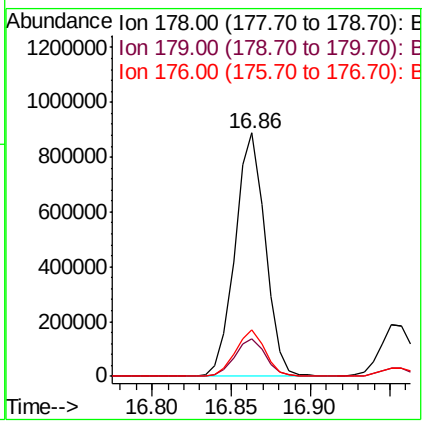


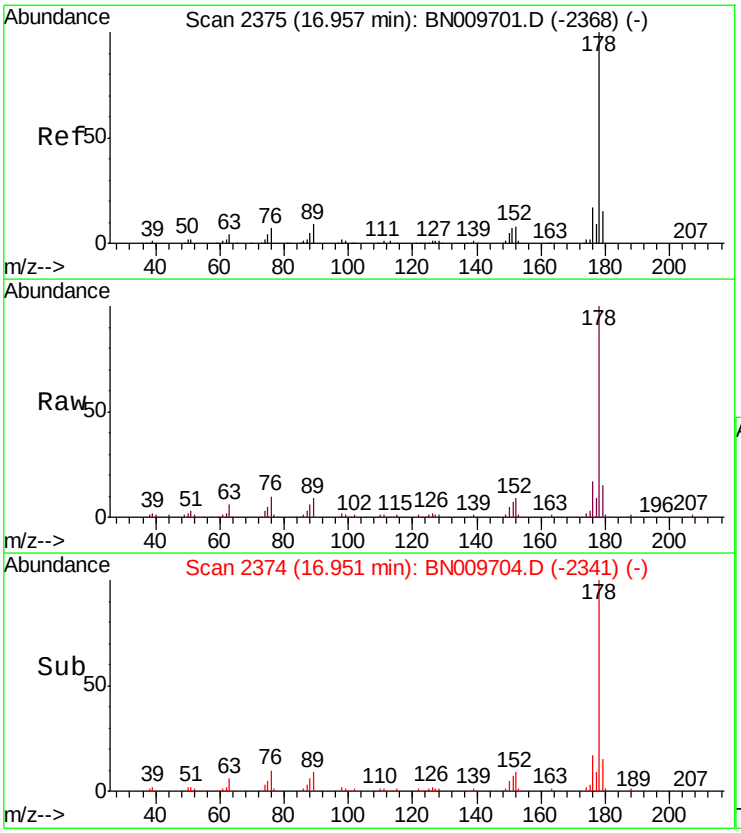
#69
Phenanthrene
Concen: 24.279 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. 0.00 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Instrument :
BNA_N
ClientSampleId :
GAT71MEDL

Tgt Ion:178 Resp: 1170397

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.2	14.8	22.2

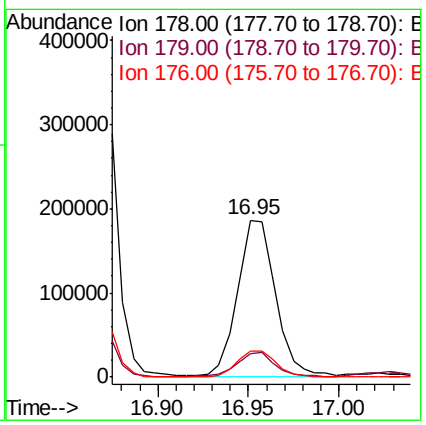


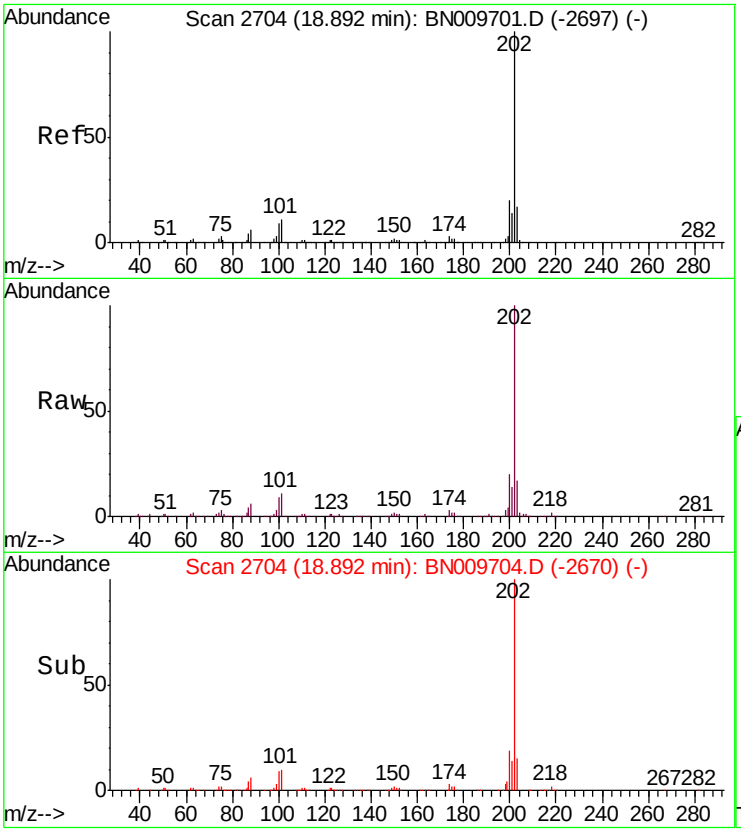


#71
Anthracene
Concen: 5.540 ng/ul
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Tgt Ion:178 Resp: 270984

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.1	18.1
176	16.6	14.6	21.8



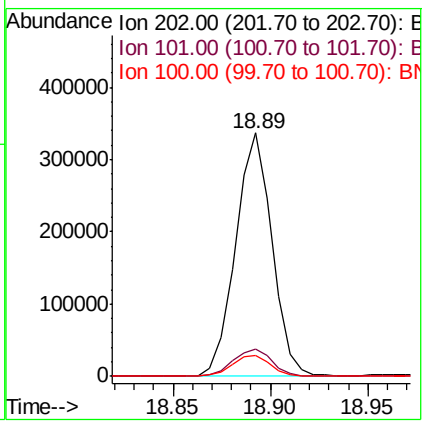


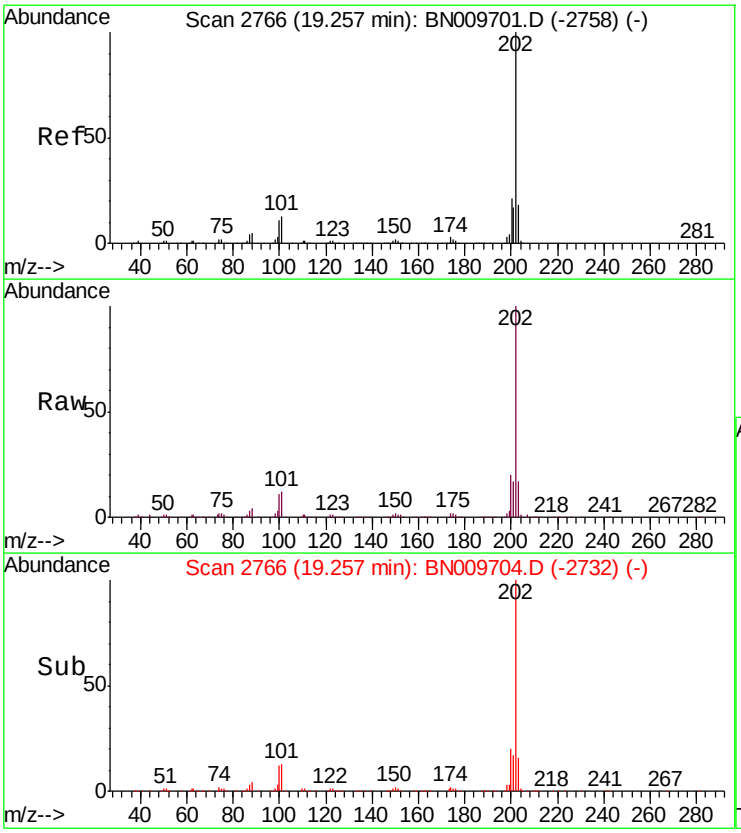
#76
Fluoranthene
Concen: 7.917 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. 0.00 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Instrument :
BNA_N
ClientSampleId :
GAT71MEDL

Tgt Ion:202 Resp: 435602

Ion	Ratio	Lower	Upper
202	100		
101	11.0	9.2	13.8
100	8.8	6.9	10.3

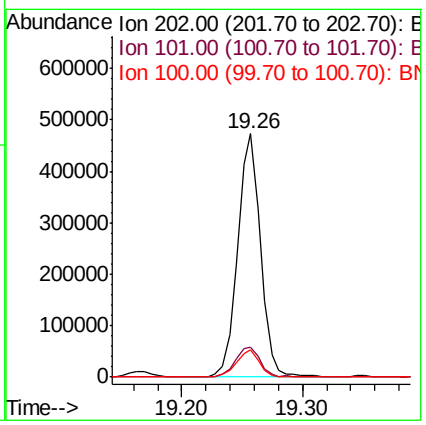


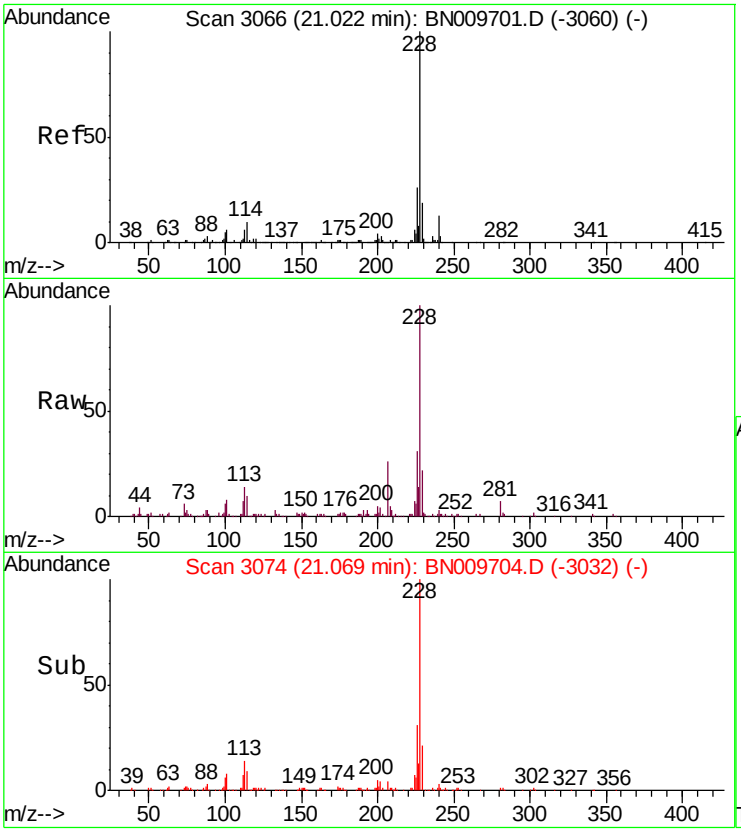


#79
Pyrene
Concen: 10.323 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. 0.00 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Tgt Ion:202 Resp: 622332

Ion	Ratio	Lower	Upper
202	100		
101	12.4	10.3	15.5
100	11.4	8.4	12.6



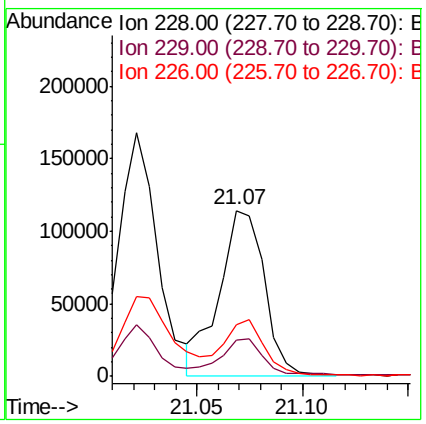


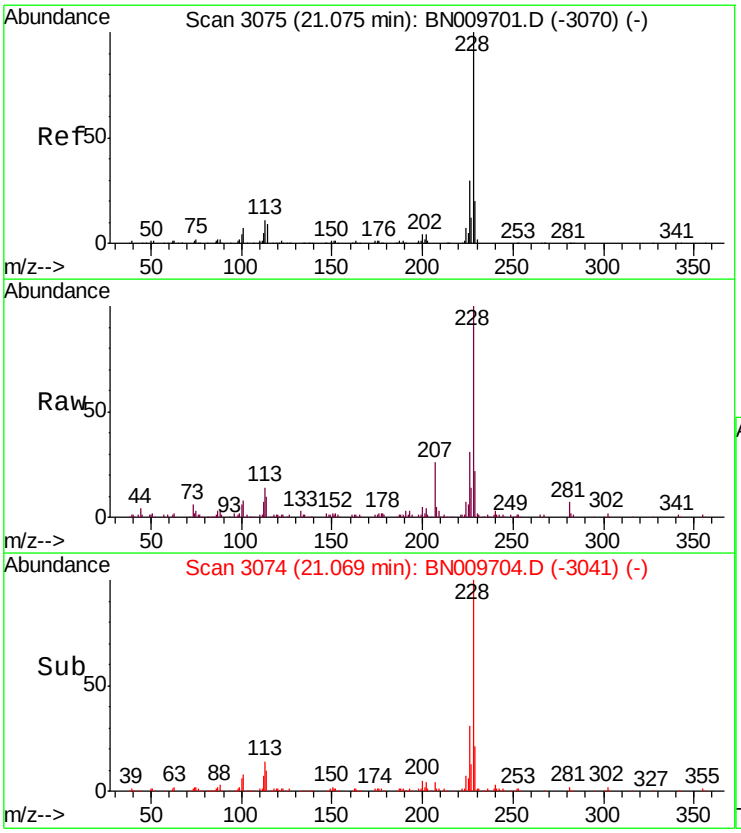
#82
Benzo(a)anthracene
Concen: 2.958 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. 0.05 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Instrument :
BNA_N
ClientSampleId :
GAT71MEDL

Tgt Ion:228 Resp: 168663

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.0	22.4
226	31.1	20.9	31.3

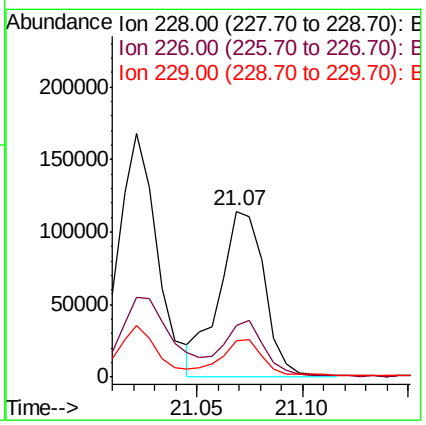


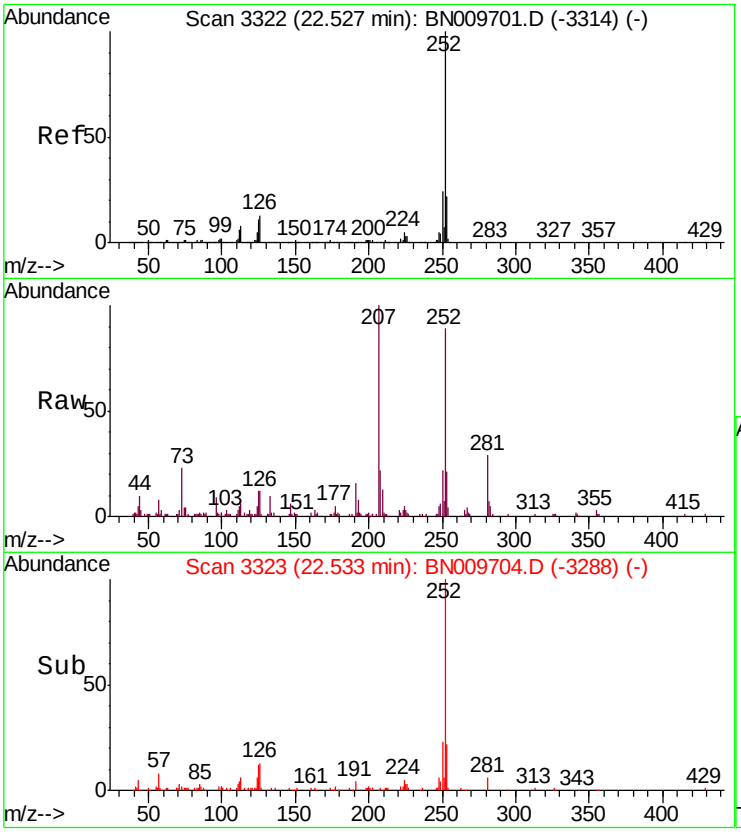


#84
Chrysene
Concen: 2.974 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Tgt Ion:228 Resp: 168786

Ion	Ratio	Lower	Upper
228	100		
226	31.1	23.5	35.3
229	21.7	15.8	23.8



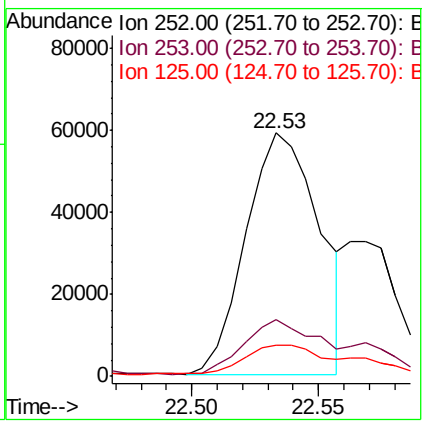


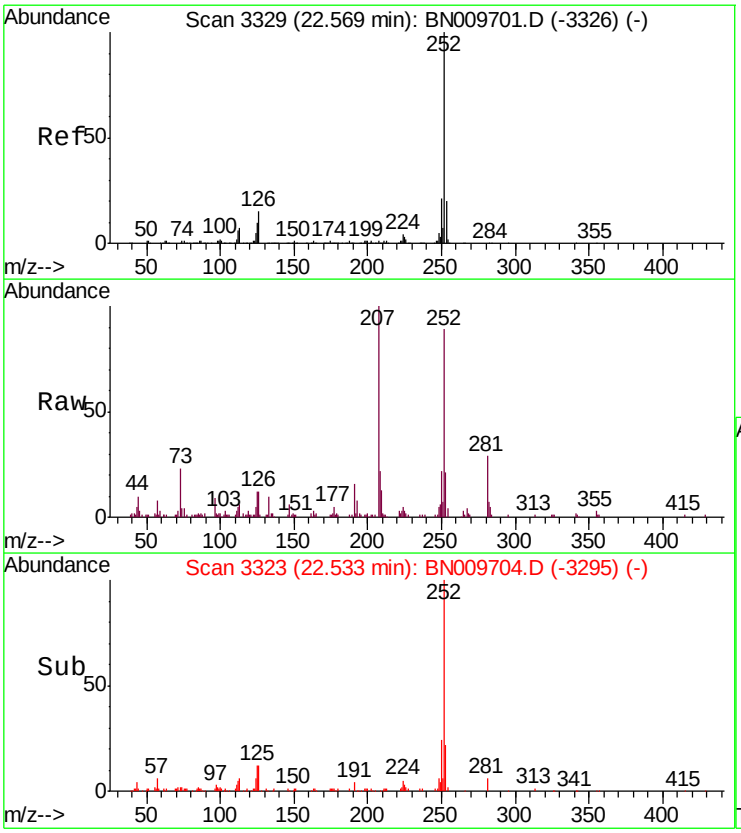
#87
Benzo(b)fluoranthene
Concen: 2.313 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. 0.01 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Instrument :
BNA_N
ClientSampleId :
GAT71MEDL

Tgt Ion:252 Resp: 118921

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.6
125	12.9	8.2	12.2#

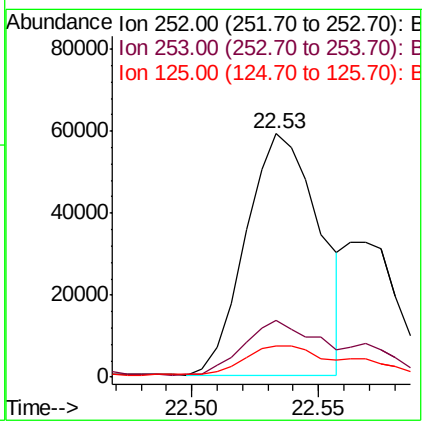


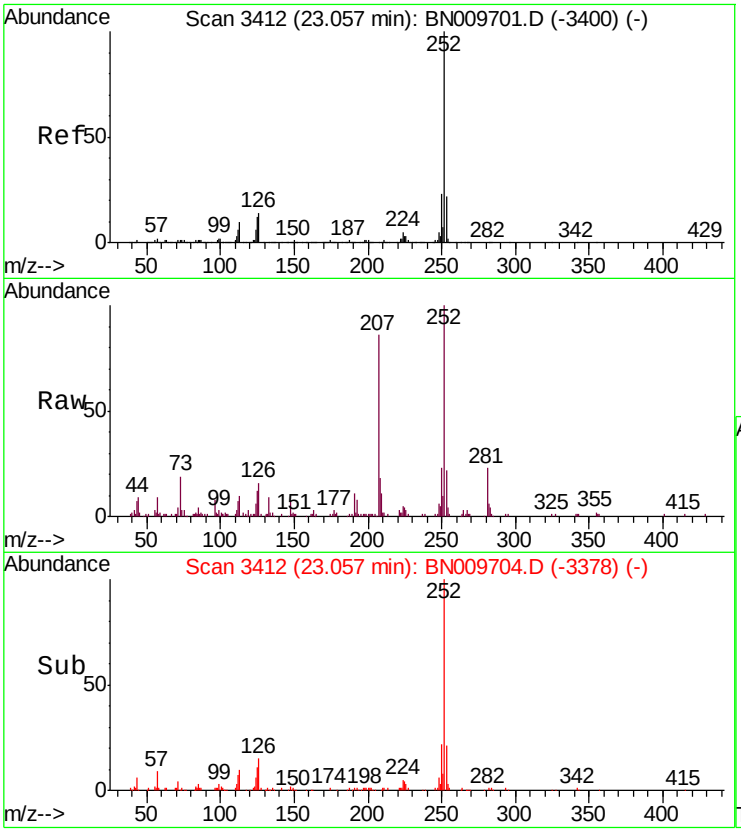


#88
Benzo(k)fluoranthene
Concen: 2.349 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.04 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Tgt Ion:252 Resp: 118921

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.0	25.4
125	12.9	8.0	12.0#





#90
Benzo(a)pyrene
Concen: 2.828 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. 0.00 min
Lab File: BN009704.D
Acq: 11 Feb 2020 13:34

Instrument :
BNA_N
ClientSampleId :
GAT71MEDL

Tgt Ion:252 Resp: 134706

Ion	Ratio	Lower	Upper
252	100		
253	22.5	15.8	23.8
125	11.6	8.7	13.1