Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

Quantitation Report (Not Reviewed)

Data File : BN009695.D
Acq On : 10 Feb 2020 21:00
Operator : CG/JU
Sample : L1324-15MEDL2 40X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT70MEDL2

Quant Time: Feb 11 01:41:35 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	120335	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	518617	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	324132	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.82	188	674878	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	640966	20.00	ng/ul	-0.01
85) Perylene-d12	23.15	264	645591	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	6.66	99	2621	0.25	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.80	67	2479	0.35	ng/ul	0.01
9) 2-Chlorophenol-d4	6.98	132	2543	0.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	1904	0.23	ng/ul	0.02
19) Nitrobenzene-d5	8.60	128	1153	0.30	ng/ul	0.02
22) 2-Nitrophenol-d4	9.30	143	651	0.15	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.85	165	1180	0.15	ng/ul	0.03
29) 4-Chloroaniline-d4	10.36	131	1339	0.15	ng/ul	0.02
43) Dimethylphthalate-d6	13.50	166	11285	0.48	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	12614	0.44	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.07	176	10340	0.50	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
70) Anthracene-d10	16.82	188	674878	22.01	ng/ul	-0.11
78) Pyrene-d10	19.23	212	17552	0.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	16696	0.53	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.23	128	712563	25.336	ng/ul	99
30) 4-Chloroaniline	10.23	127	91521	10.223	ng/ul#	8
34) 2-Methylnaphthalene	11.85	142	205466	10.439	ng/ul	100
40) 1,1'-Biphenyl	12.89	154	33765	1.338	ng/ul	96
47) Acenaphthylene	13.78	152	133368	4.263	ng/ul	100
58) Fluorene	15.13	166	78708	3.180	ng/ul	98
69) Phenanthrene	16.86	178	400770	10.413	ng/ul	99
71) Anthracene	16.96	178	89321	2.287	ng/ul	98
76) Fluoranthene	18.89	202	156011	3.552	ng/ul	100
79) Pyrene	19.26	202	222666	4.759	ng/ul#	95
82) Benzo(a)anthracene	21.02	228	78131	1.765	ng/ul#	92
84) Chrysene	21.07	228	69353	1.574	ng/ul	92
87) Benzo(b)fluoranthene	22.53	252	50962	1.262	ng/ul#	94
90) Benzo(a)pyrene	23.06	252	51639	1.380	ng/ul#	91

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

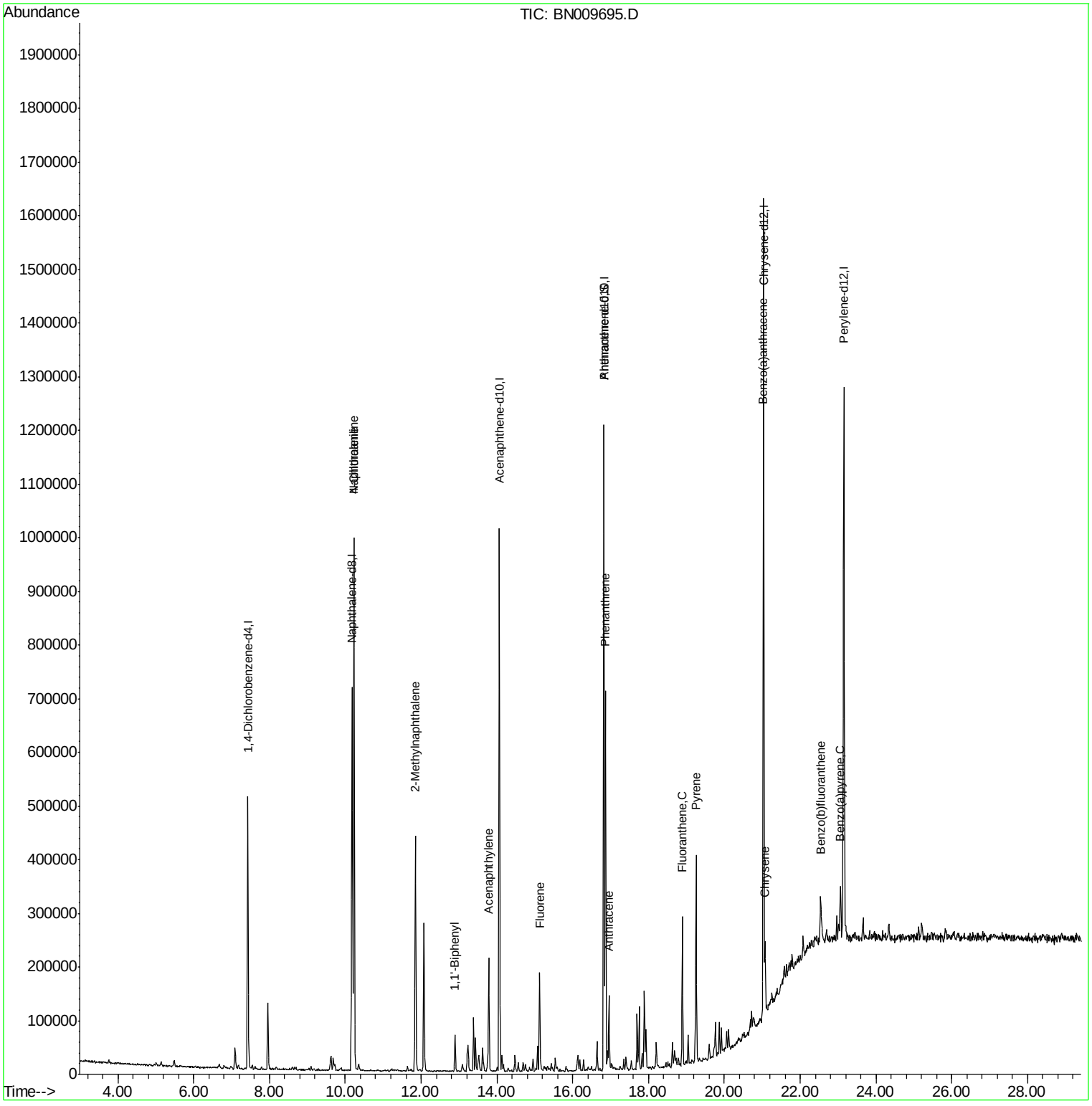
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN021020\

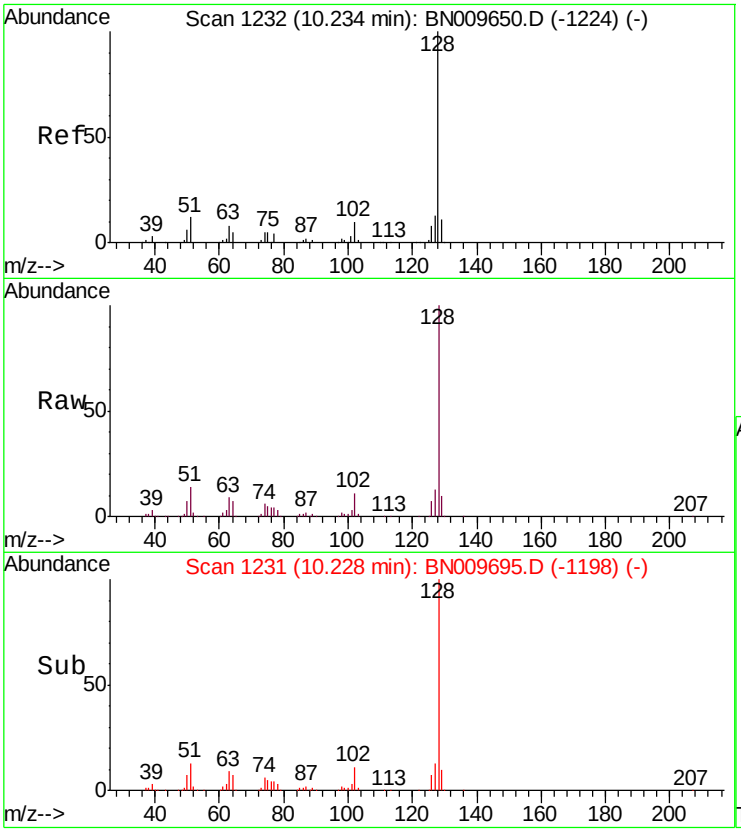
Quantitation Report (Not Reviewed)

Data File : BN009695.D
Acq On : 10 Feb 2020 21:00
Operator : CG/JU
Sample : L1324-15MEDL2 40X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL2

Quant Time: Feb 11 01:41:35 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



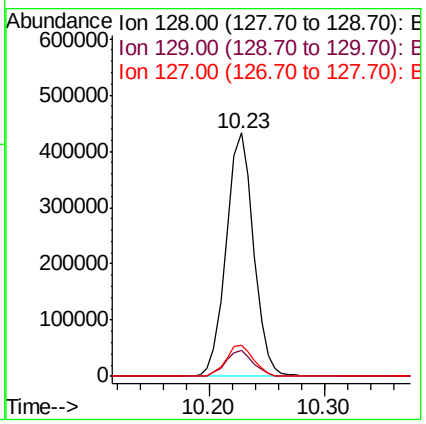


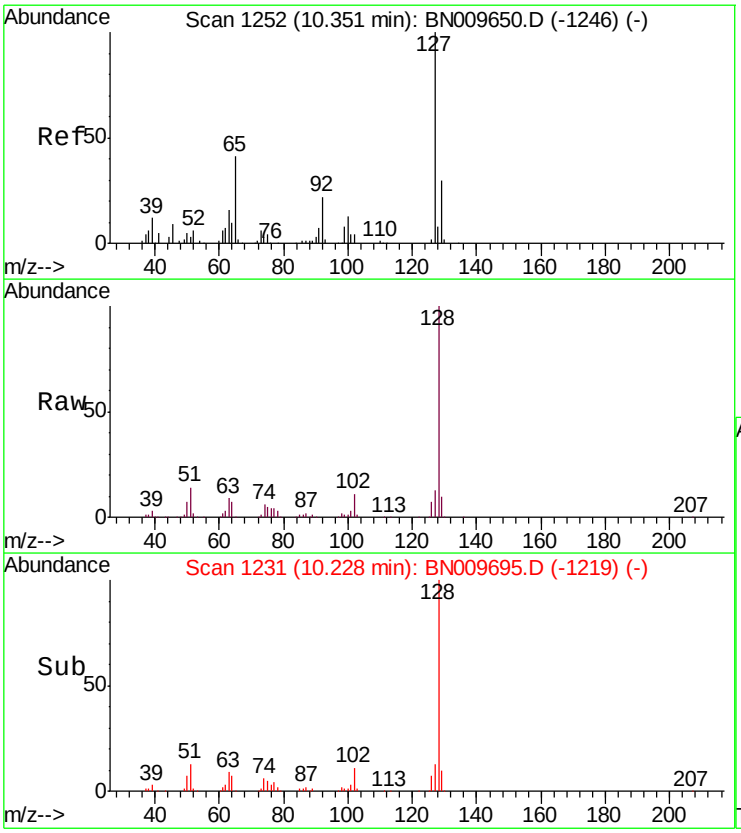
#28
Naphthalene
Concen: 25.336 ng/ul
RT: 10.23 min Scan# 1231
Delta R.T. -0.01 min
Lab File: BN009695.D
Acq: 10 Feb 2020 21:00

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL2

Tgt Ion:128 Resp: 712563

Ion	Ratio	Lower	Upper
128	100		
129	10.5	8.7	13.1
127	12.7	10.7	16.1

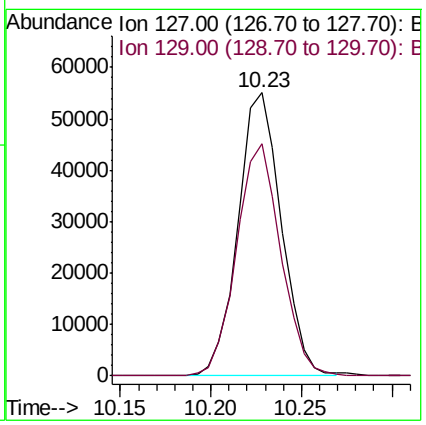


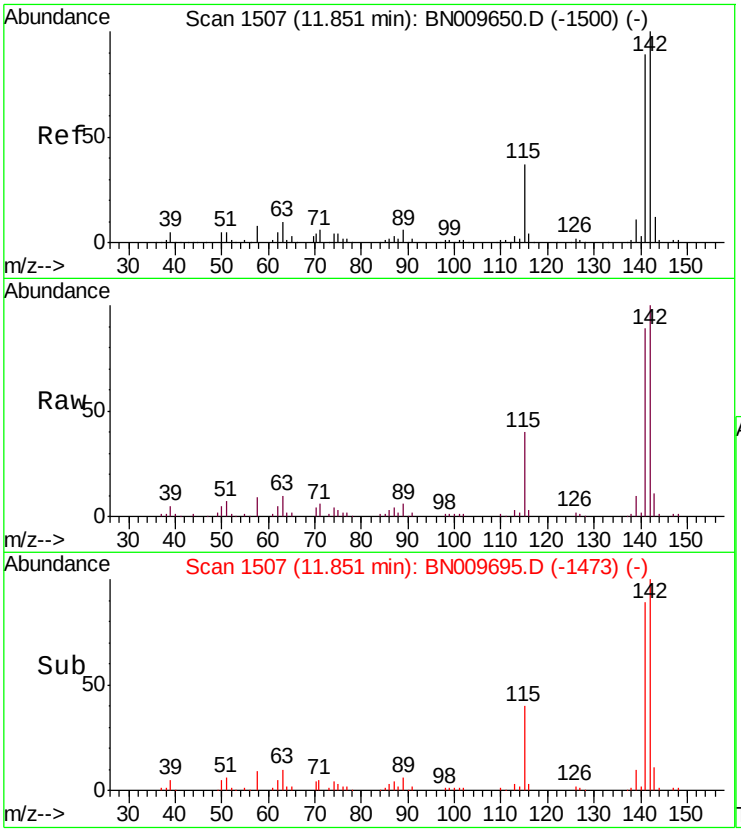


#30
4-Chloroaniline
Concen: 10.223 ng/ul
RT: 10.23 min Scan# 1231
Delta R.T. -0.13 min
Lab File: BN009695.D
Acq: 10 Feb 2020 21:00

Tgt Ion:127 Resp: 91521

Ion	Ratio	Lower	Upper
127	100		
129	82.2	25.2	37.8#



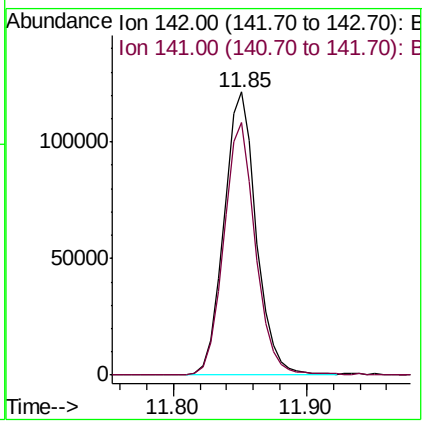


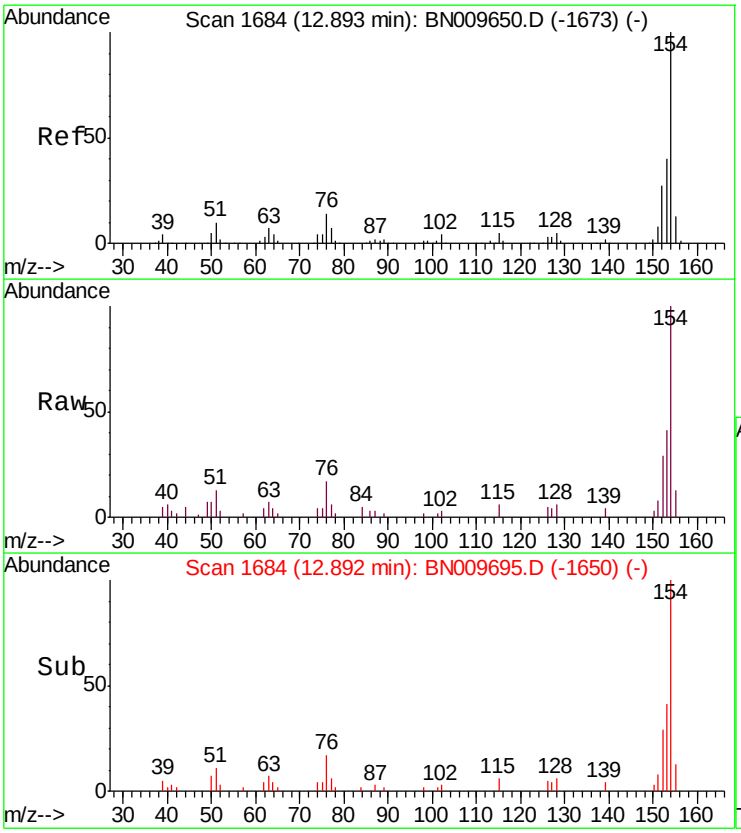
#34
2-Methylnaphthalene
Concen: 10.439 ng/ul
RT: 11.85 min Scan# 1507
Delta R.T. -0.00 min
Lab File: BN009695.D
Acq: 10 Feb 2020 21:00

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL2

Tgt Ion:142 Resp: 205466

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.5	107.3

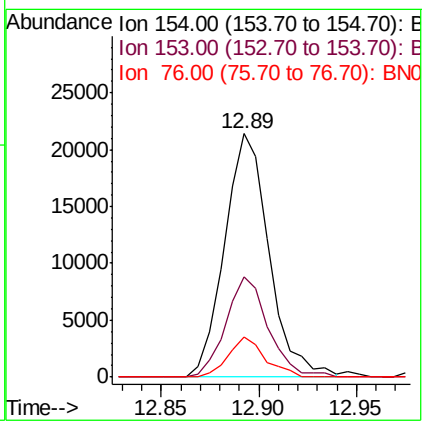


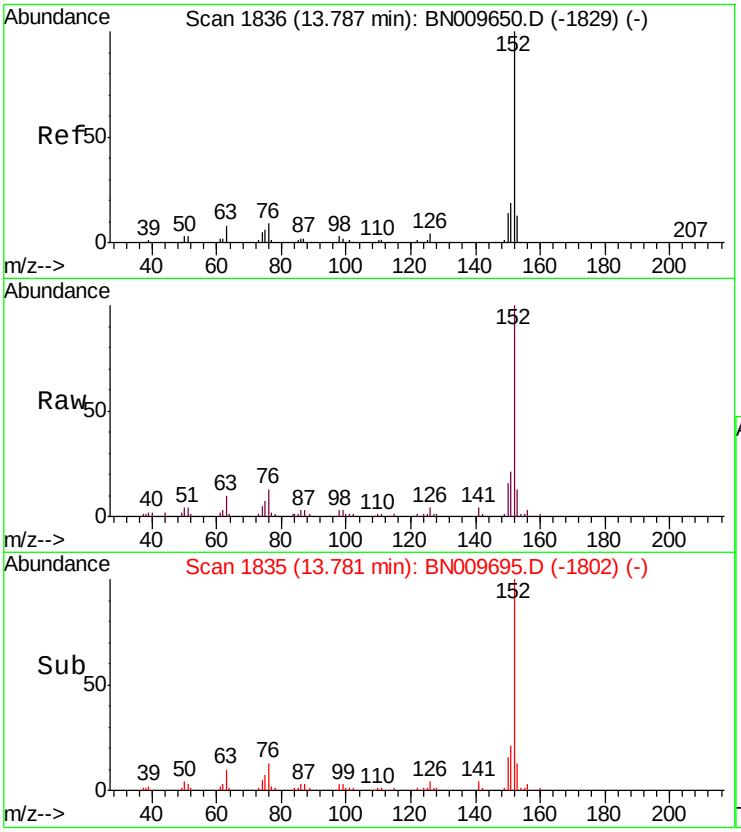


#40
1,1'-Biphenyl
Concen: 1.338 ng/ul
RT: 12.89 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BN009695.D
Acq: 10 Feb 2020 21:00

Tgt Ion:154 Resp: 33765

Ion	Ratio	Lower	Upper
154	100		
153	41.1	31.2	46.8
76	16.6	11.4	17.2



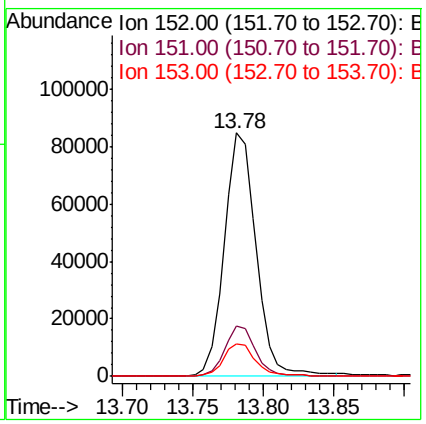


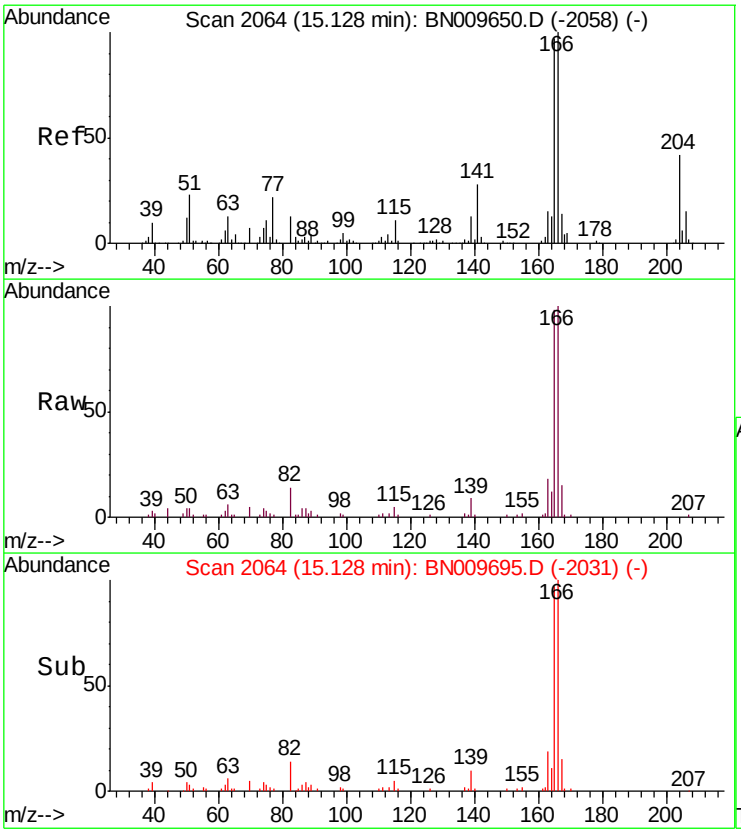
#47
Acenaphthylene
Concen: 4.263 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BN009695.D
Acq: 10 Feb 2020 21:00

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL2

Tgt Ion:152 Resp: 133368

Ion	Ratio	Lower	Upper
152	100		
151	20.5	16.2	24.2
153	13.2	10.6	15.8

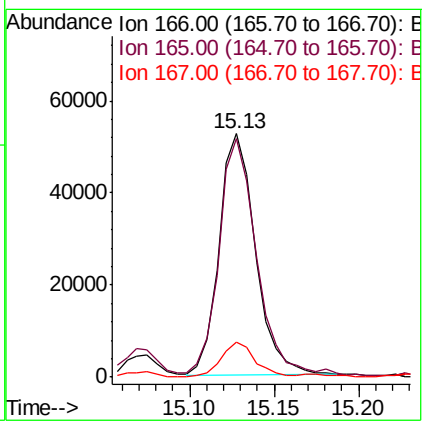


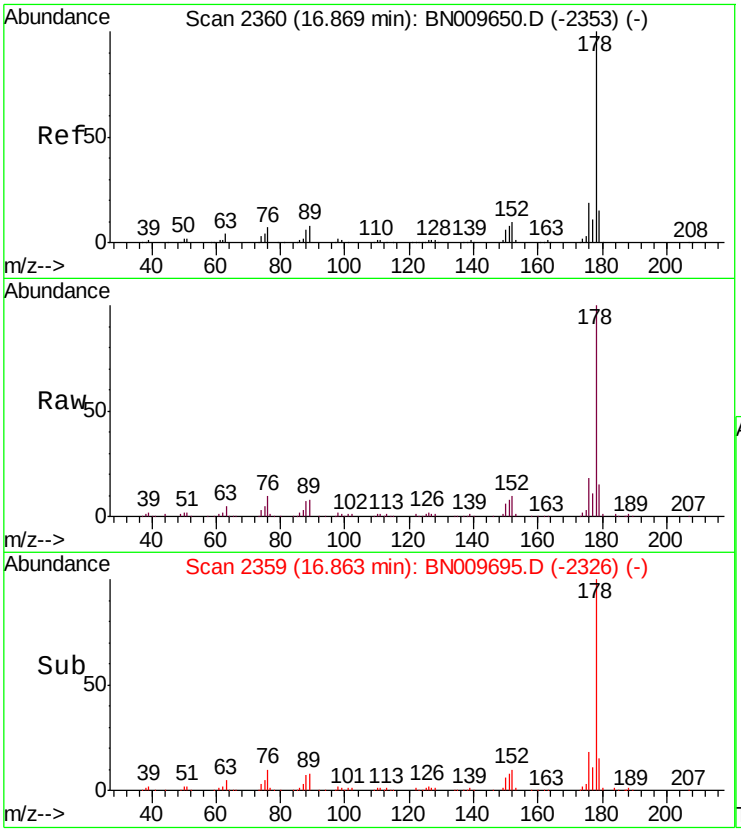


#58
Fluorene
Concen: 3.180 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BN009695.D
Acq: 10 Feb 2020 21:00

Tgt Ion:166 Resp: 78708

Ion	Ratio	Lower	Upper
166	100		
165	98.0	76.7	115.1
167	14.6	11.1	16.7



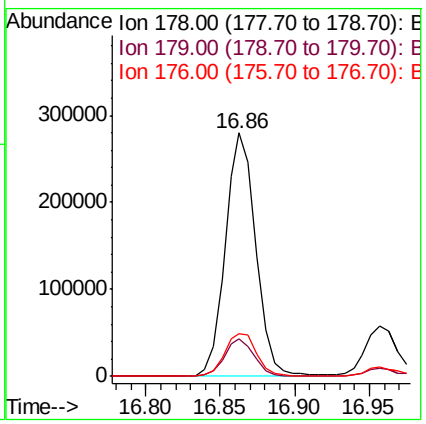


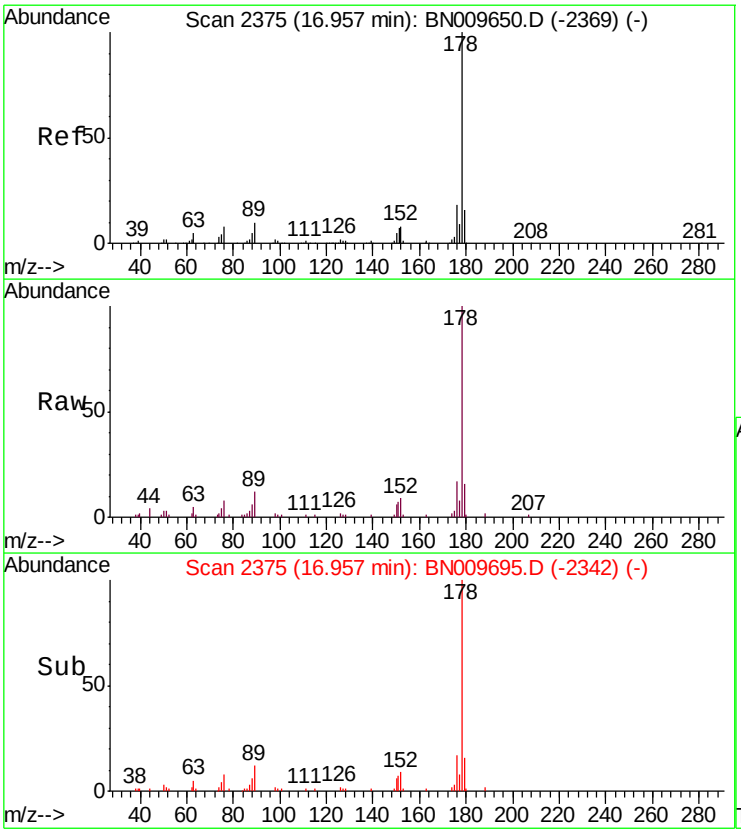
#69
Phenanthrene
Concen: 10.413 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009695.D
Acq: 10 Feb 2020 21:00

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL2

Tgt Ion:178 Resp: 400770

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	17.6	14.8	22.2

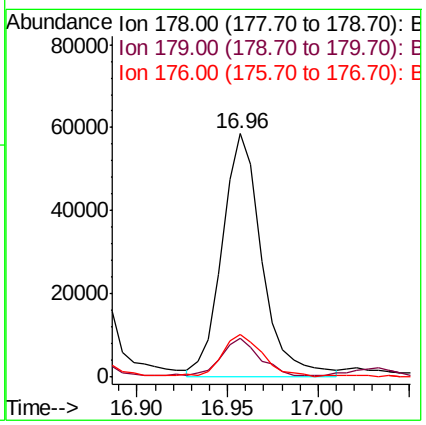


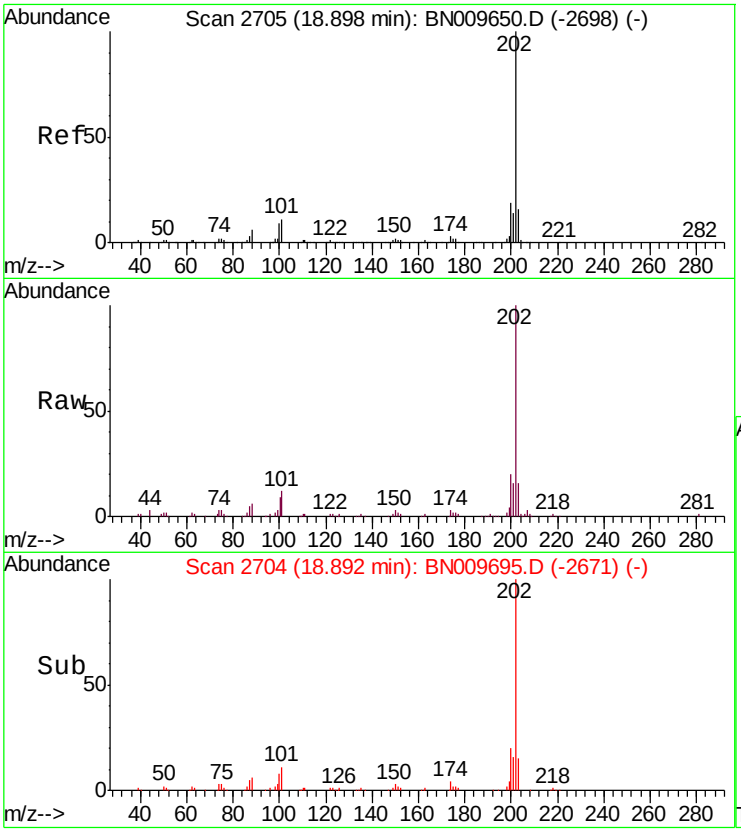


#71
Anthracene
Concen: 2.287 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN009695.D
Acq: 10 Feb 2020 21:00

Tgt Ion:178 Resp: 89321

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	17.4	14.6	21.8



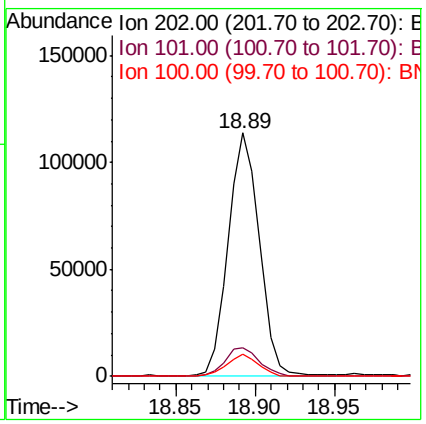


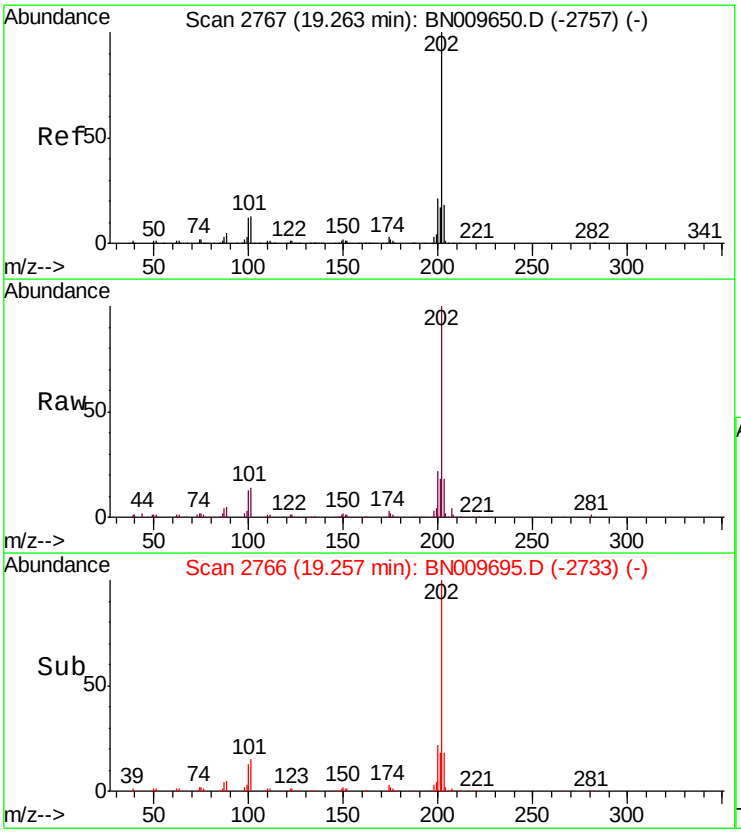
#76
Fluoranthene
Concen: 3.552 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. -0.01 min
Lab File: BN009695.D
Acq: 10 Feb 2020 21:00

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL2

Tgt Ion:202 Resp: 156011

Ion	Ratio	Lower	Upper
202	100		
101	11.5	9.2	13.8
100	8.9	6.9	10.3

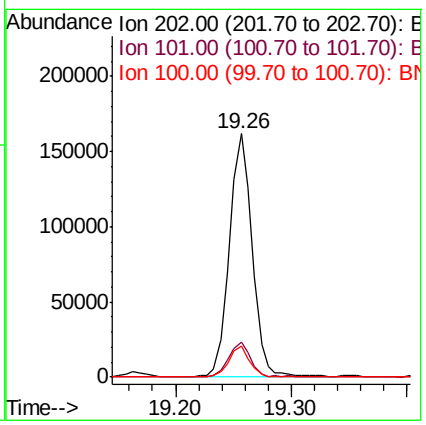


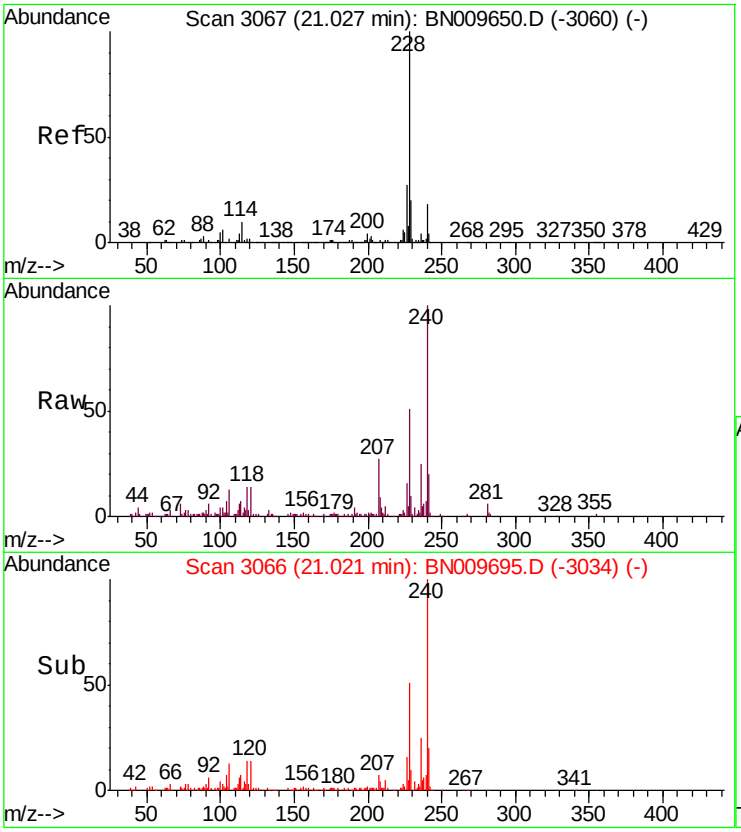


#79
Pyrene
Concen: 4.759 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BN009695.D
Acq: 10 Feb 2020 21:00

Tgt Ion:202 Resp: 222666

Ion	Ratio	Lower	Upper
202	100		
101	14.3	10.3	15.5
100	12.8	8.4	12.6#



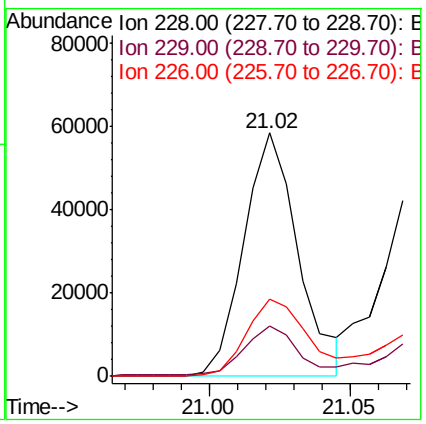


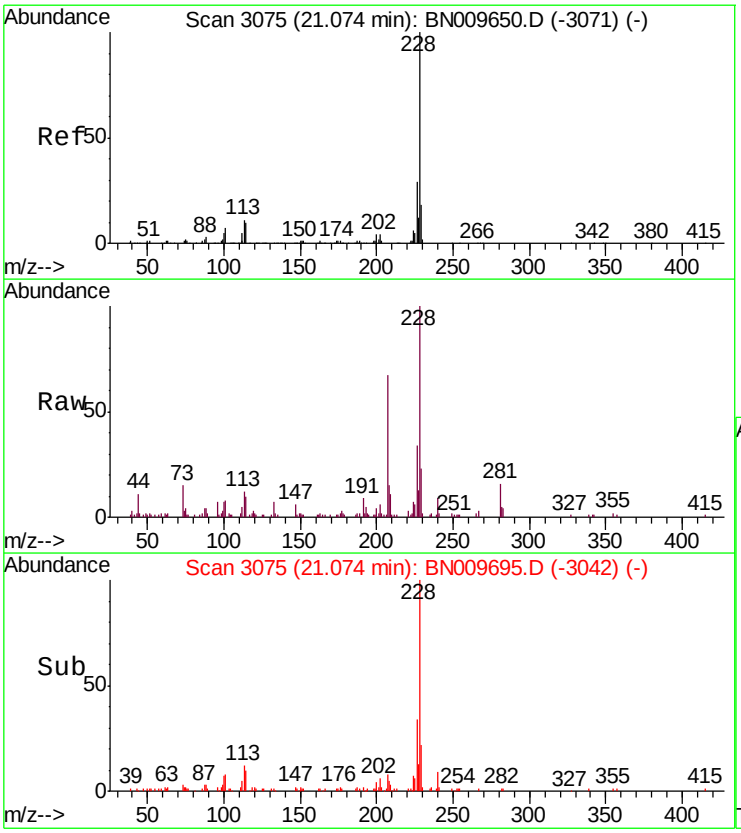
#82
Benzo(a)anthracene
Concen: 1.765 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN009695.D
Acq: 10 Feb 2020 21:00

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL2

Tgt Ion:228 Resp: 78131

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.0	22.4
226	31.5	20.9	31.3#

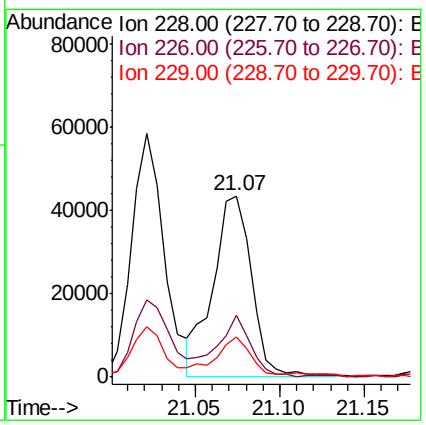


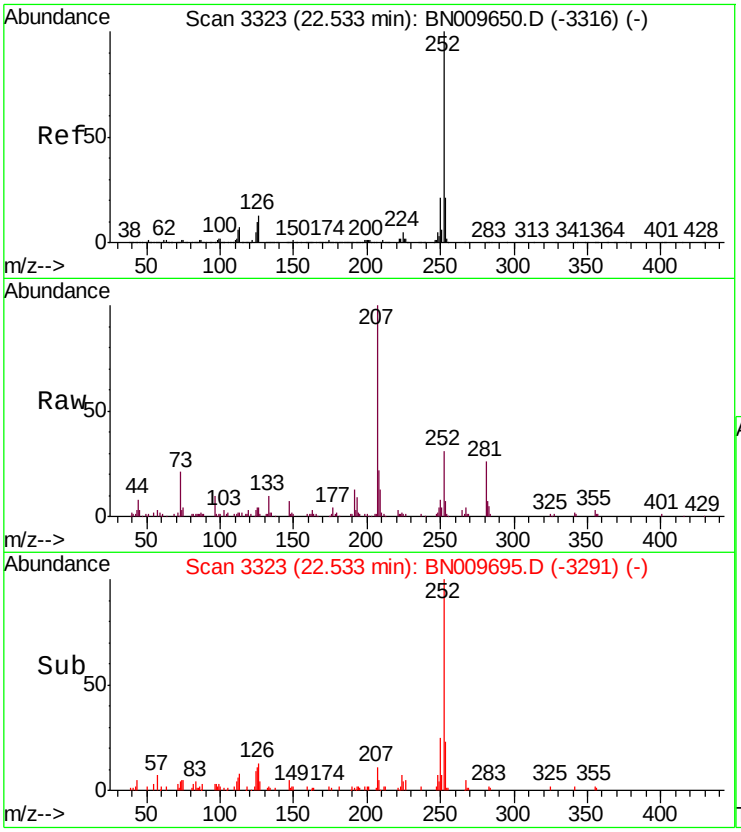


#84
Chrysene
Concen: 1.574 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009695.D
Acq: 10 Feb 2020 21:00

Tgt Ion:228 Resp: 69353

Ion	Ratio	Lower	Upper
228	100		
226	34.3	23.5	35.3
229	22.5	15.8	23.8



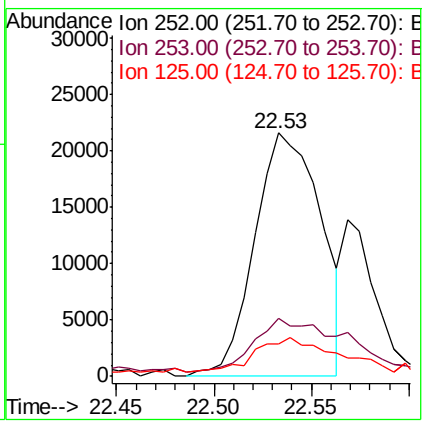


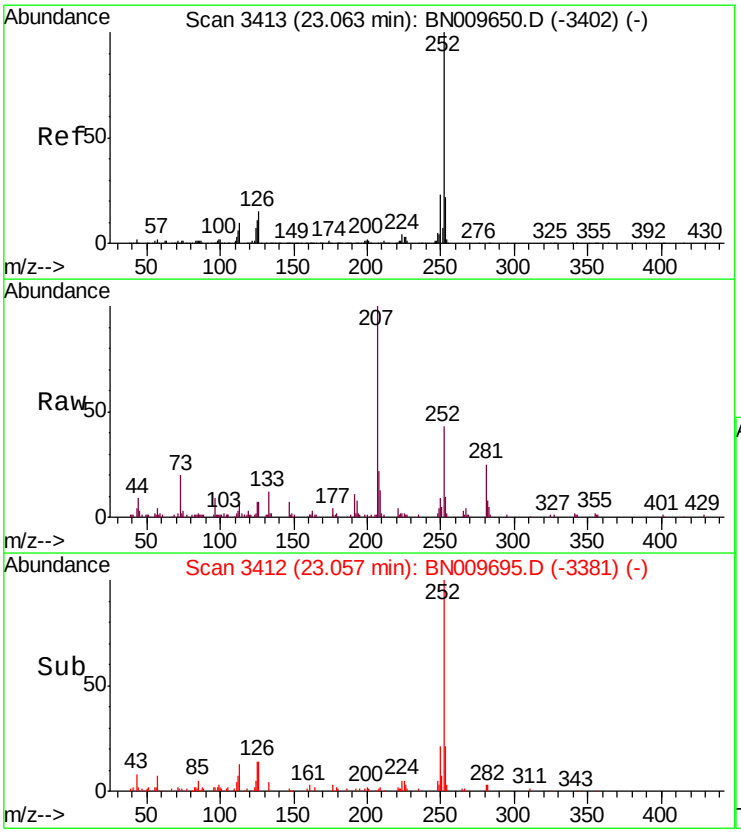
#87
Benzo(b)fluoranthene
Concen: 1.262 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BN009695.D
Acq: 10 Feb 2020 21:00

Instrument :
BNA_N
ClientSampleId :
GAT70MEDL2

Tgt Ion:252 Resp: 50962

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.0	25.6
125	13.4	8.2	12.2#





#90
Benzo(a)pyrene
Concen: 1.380 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. -0.02 min
Lab File: BN009695.D
Acq: 10 Feb 2020 21:00

Tgt Ion:252 Resp: 51639

Ion	Ratio	Lower	Upper
252	100		
253	23.1	15.8	23.8
125	15.5	8.7	13.1#