Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009613.D
Acq On : 06 Feb 2020 17:23
Operator : CG/JU
Sample : L1323-18DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT56DL

Quant Time: Feb 06 21:09:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	157787	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.19	136	668496	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.07	164	407870	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.83	188	844876	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	777114	20.00	ng/ul	0.00
85) Perylene-d12	23.15	264	851603	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	3514	0.91	ng/uL	0.00
5) Phenol-d5	6.64	99	56090	4.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	42817	4.63	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	45248	4.47	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	44379	4.05	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	21304	4.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	23001	4.15	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	43849	4.22	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	58495	5.23	ng/ul	0.00
43) Dimethylphthalate-d6	13.50	166	142809	4.80	ng/ul	0.00
46) Acenaphthylene-d8	13.76	160	171758	4.77	ng/ul	-0.01
51) 4-Nitrophenol-d4	14.32	143	12883	2.29	ng/ul	0.00
57) Fluorene-d10	15.07	176	128295	4.90	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.22	200	11530	2.19	ng/ul	0.00
70) Anthracene-d10	16.93	188	195873	5.10	ng/ul	0.00
78) Pyrene-d10	19.23	212	210722	5.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	210495	5.02	ng/ul	0.00
Target Compounds						Qvalue
17) Hexachloroethane	8.46	117	5759	1.209	ng/ul#	8
28) Naphthalene	10.24	128	7346361	202.647	ng/ul	99
30) 4-Chloroaniline	10.24	127	968833	83.954	ng/ul#	13
34) 2-Methylnaphthalene	11.86	142	1681980	66.299	ng/ul	96
40) 1,1'-Biphenyl	12.89	154	277896	8.751	ng/ul	99
47) Acenaphthylene	13.79	152	923088	23.446	ng/ul	99
49) Acenaphthene	14.13	153	80146	2.994	ng/ul	97
53) Dibenzofuran	14.48	168	86163	2.312	ng/ul	97
58) Fluorene	15.13	166	586750	18.837	ng/ul	97
69) Phenanthrene	16.87	178	2810809	58.337	ng/ul	99
71) Anthracene	16.96	178	635141	12.992	ng/ul	99
76) Fluoranthene	18.90	202	1077223	19.589	ng/ul	99
79) Pyrene	19.26	202	1612352	28.422	ng/ul	98
82) Benzo(a)anthracene	21.07	228	457024	8.518	ng/ul	92
84) Chrysene	21.07	228	457024	8.556	ng/ul	97
87) Benzo(b)fluoranthene	22.53	252	333884	6.266	ng/ul	94
88) Benzo(k)fluoranthene	22.53	252	333884	6.363	ng/ul	94
90) Benzo(a)pyrene	23.06	252	431753	8.746	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.22	276	155535	2.650	ng/ul	93
93) Benzo(g,h,i)perylene	25.84	276	164096	3.336	ng/ul	97

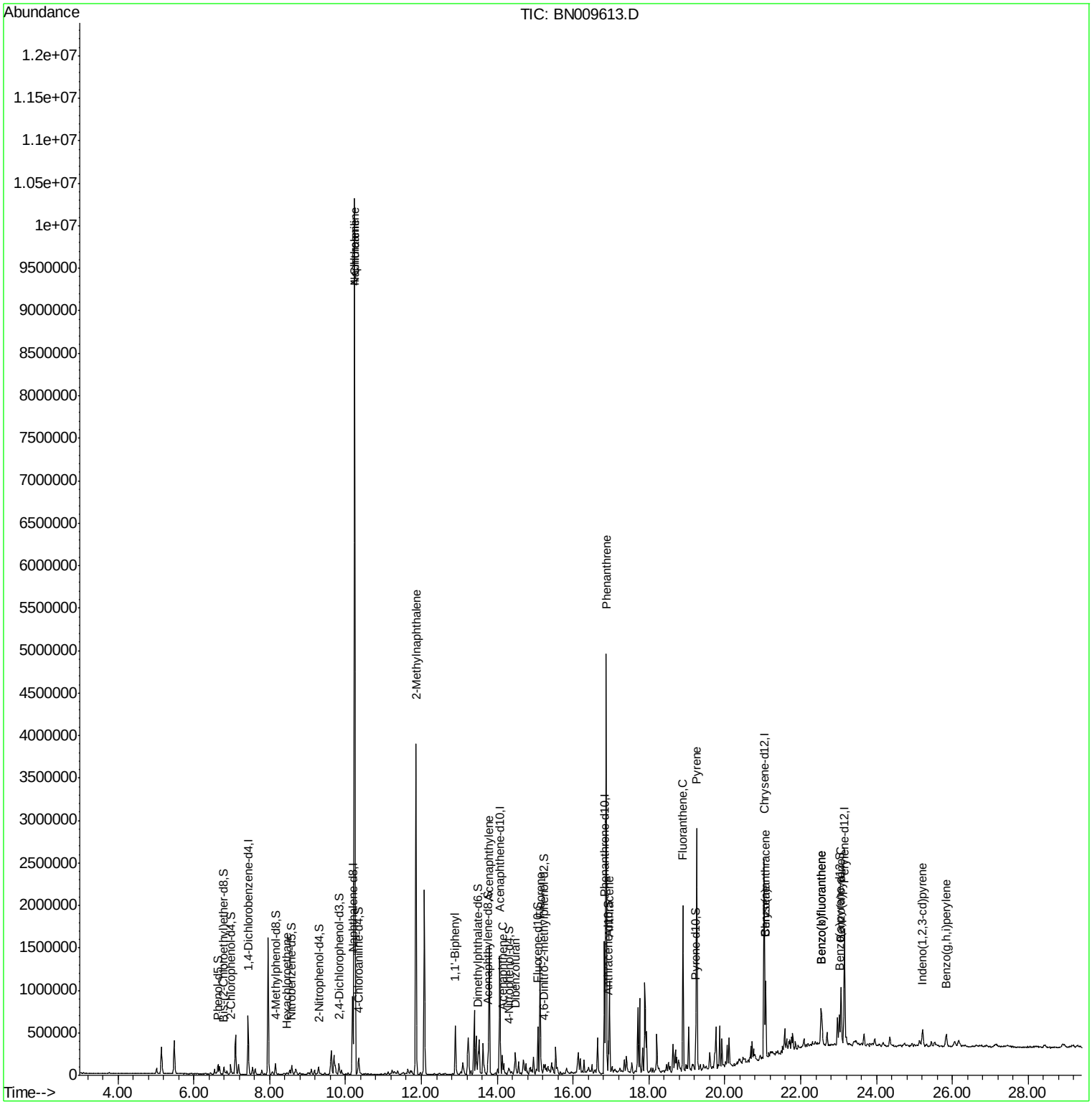
(#) = qualifier out of range (m) = manual integration (+) = signals summed

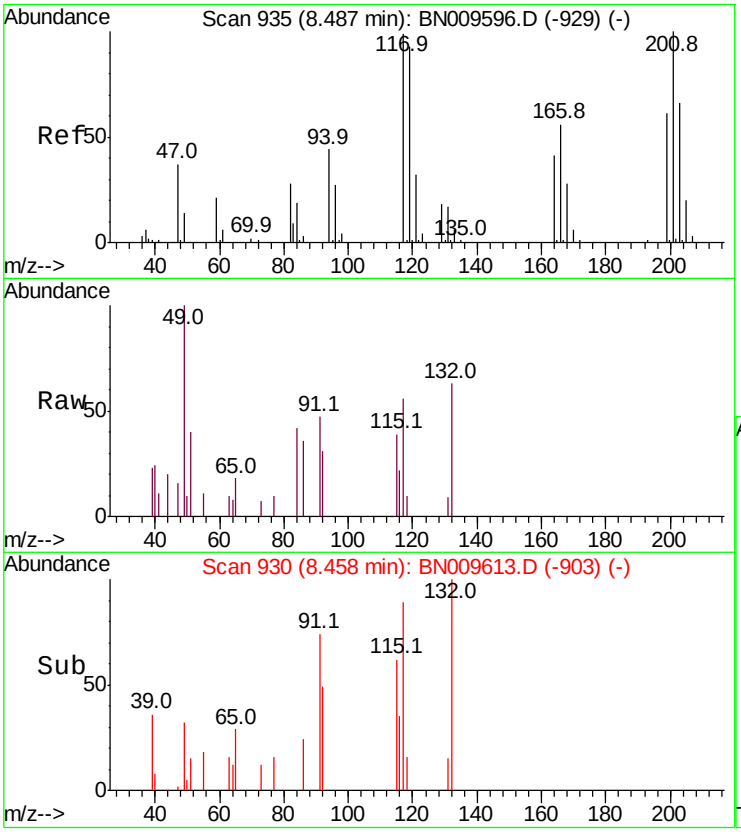
Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN020620\
Data File : BN009613.D
Acq On : 06 Feb 2020 17:23
Operator : CG/JU
Sample : L1323-18DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
GAT56DL

Quant Time: Feb 06 21:09:20 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN020320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Feb 03 16:39:56 2020
Response via : Initial Calibration



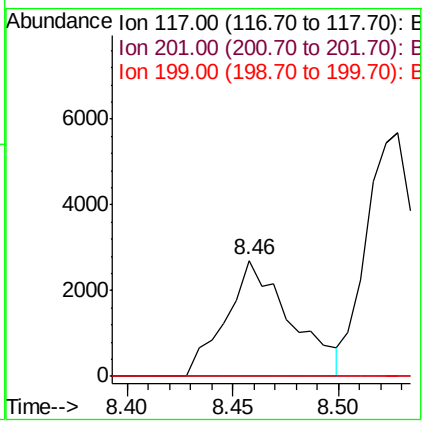


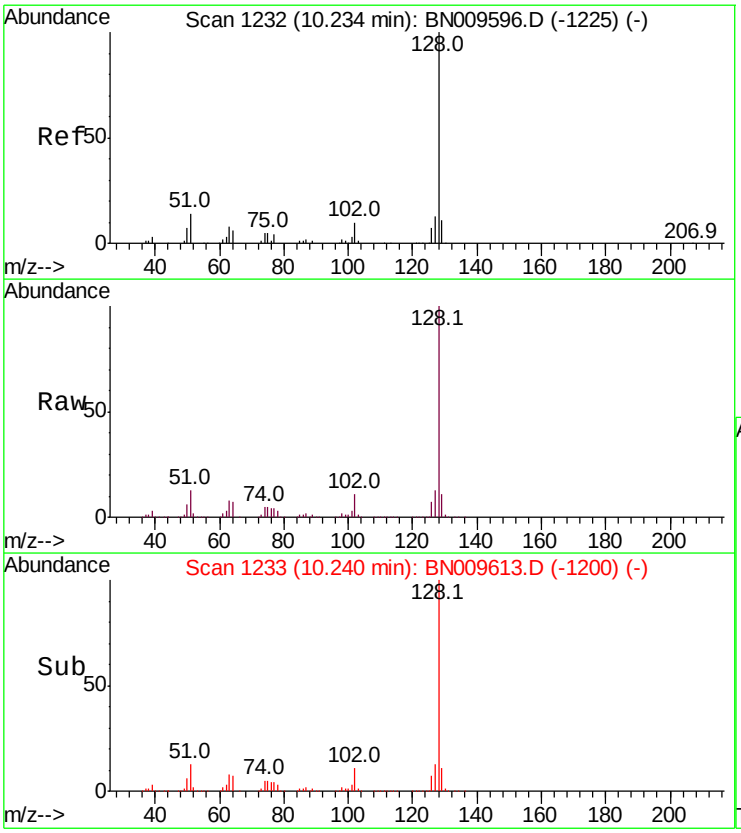
#17
Hexachloroethane
Concen: 1.209 ng/ul
RT: 8.46 min Scan# 930
Delta R.T. -0.04 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Instrument :
BNA_N
ClientSampleId :
GAT56DL

Tgt Ion:117 Resp: 5759

Ion	Ratio	Lower	Upper
117	100		
201	0.0	78.8	118.2#
199	0.0	49.0	73.4#

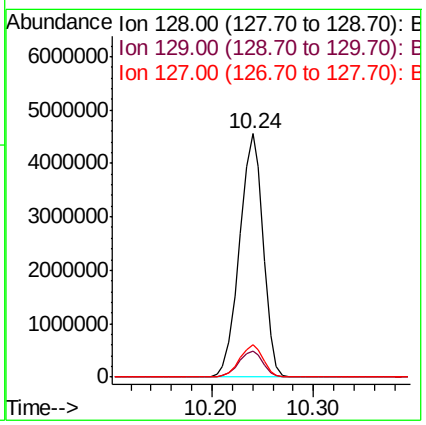


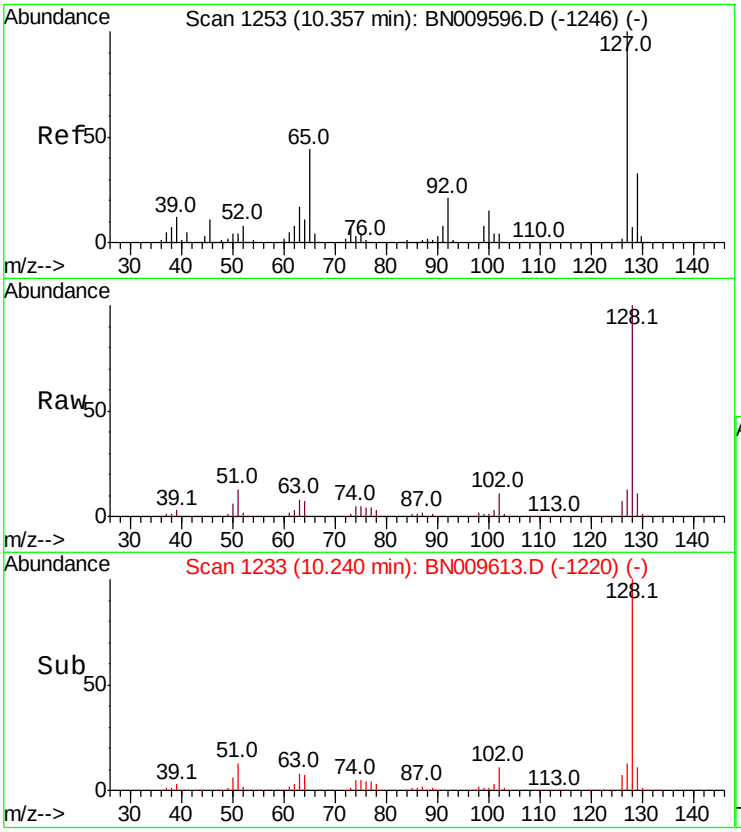


#28
Naphthalene
Concen: 202.647 ng/ul
RT: 10.24 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Tgt Ion:128 Resp: 7346361

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.7	13.1
127	13.3	10.7	16.1



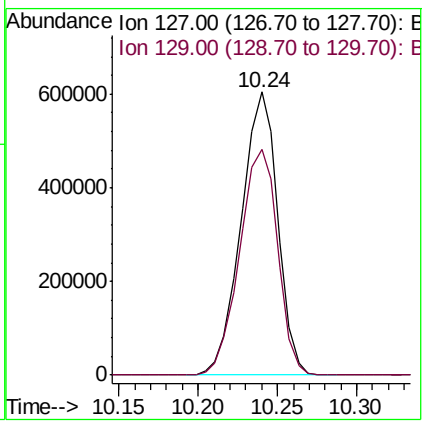


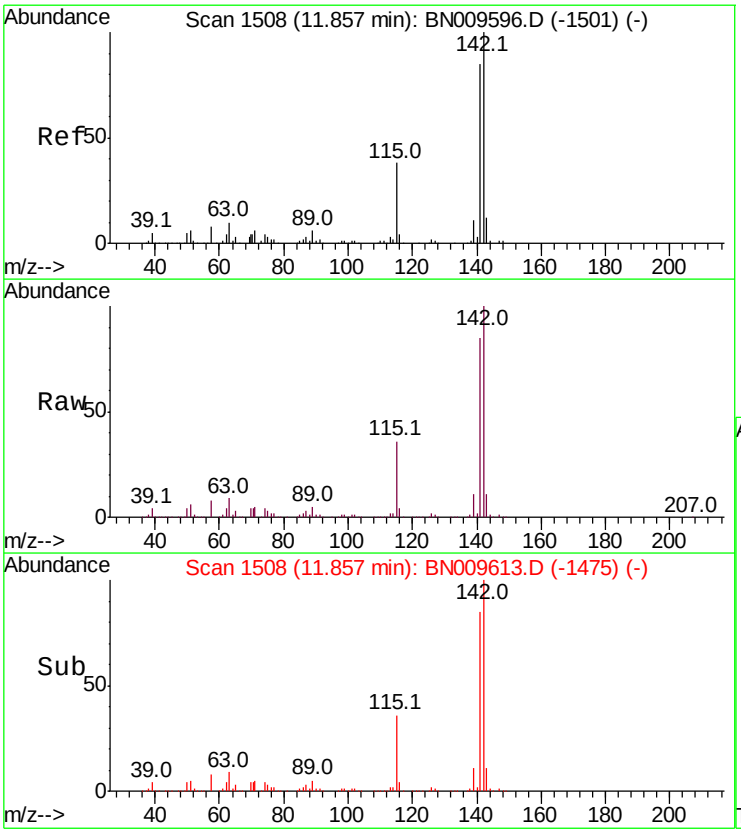
#30
4-Chloroaniline
Concen: 83.954 ng/ul
RT: 10.24 min Scan# 1233
Delta R.T. -0.12 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Instrument :
BNA_N
ClientSampleId :
GAT56DL

Tgt Ion:127 Resp: 968833

Ion	Ratio	Lower	Upper
127	100		
129	79.8	25.2	37.8#

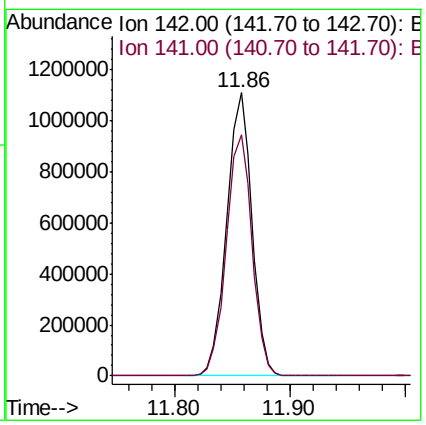


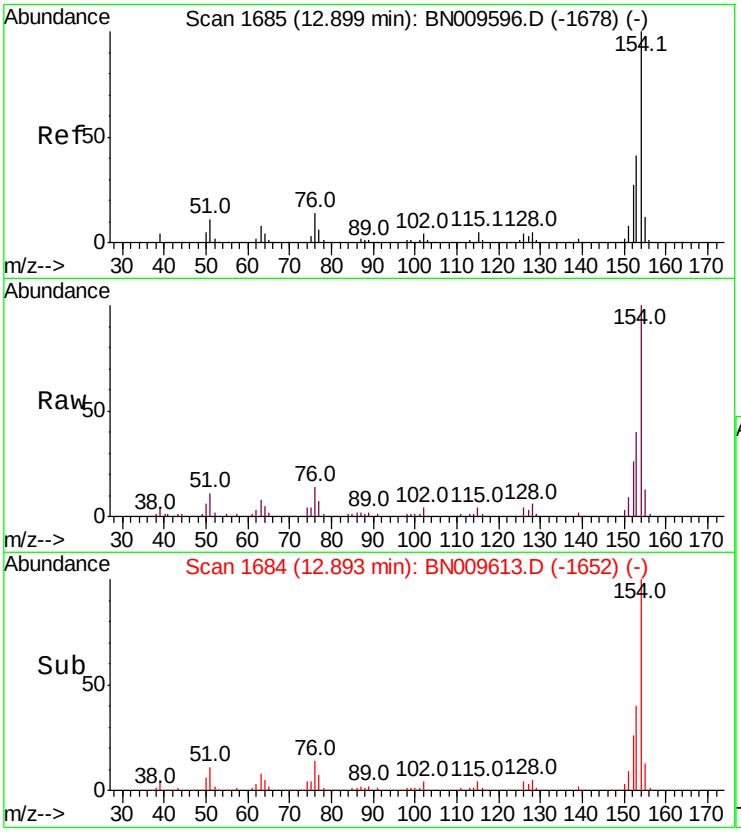


#34
2-Methylnaphthalene
Concen: 66.299 ng/ul
RT: 11.86 min Scan# 1508
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Tgt Ion:142 Resp: 1681980

Ion	Ratio	Lower	Upper
142	100		
141	85.2	71.5	107.3



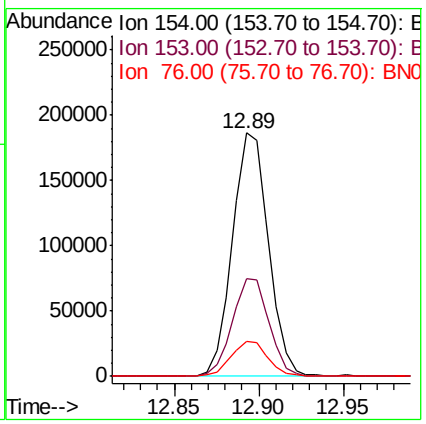


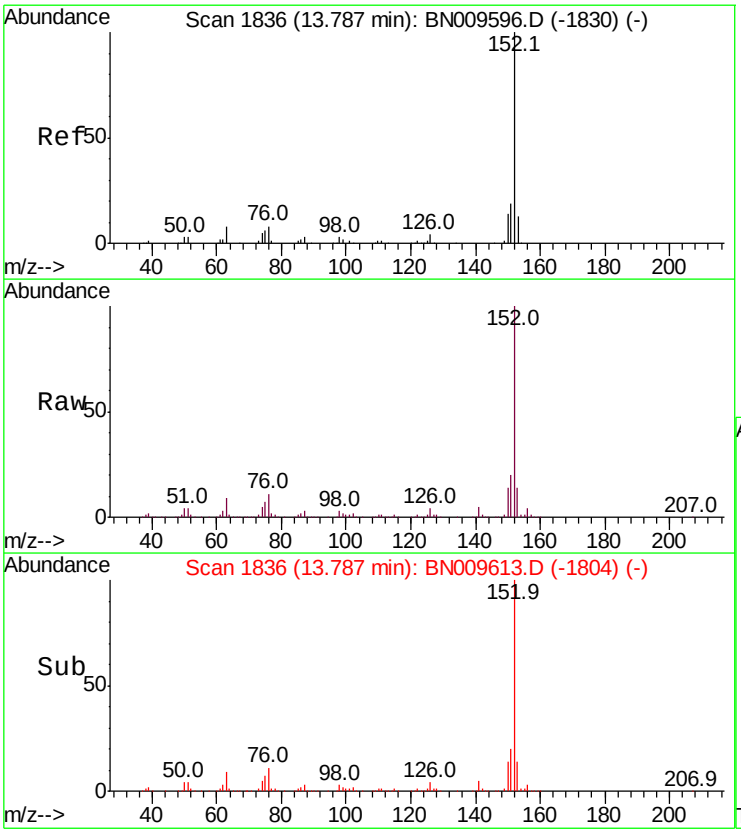
#40
1,1'-Biphenyl
Concen: 8.751 ng/ul
RT: 12.89 min Scan# 1684
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Instrument :
BNA_N
ClientSampleId :
GAT56DL

Tgt Ion:154 Resp: 277896

Ion	Ratio	Lower	Upper
154	100		
153	40.2	31.2	46.8
76	14.2	11.4	17.2

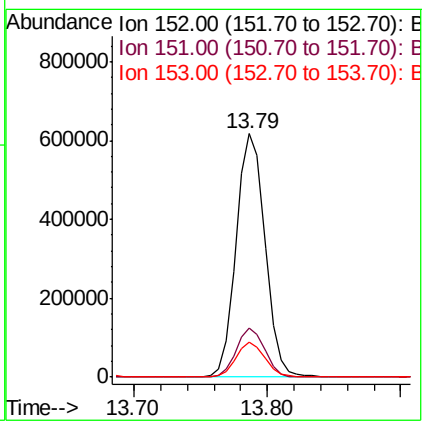


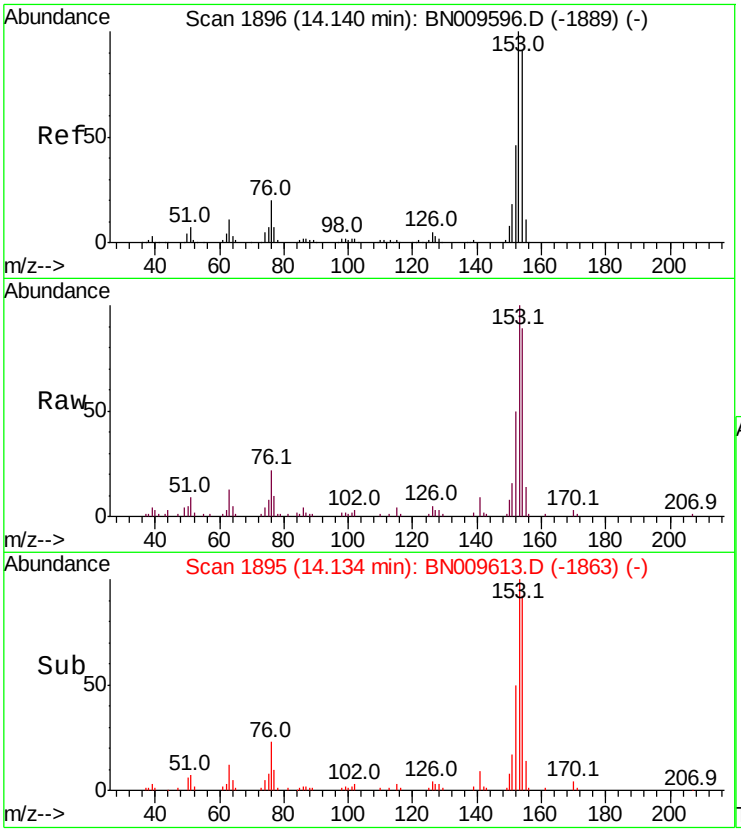


#47
Acenaphthylene
Concen: 23.446 ng/ul
RT: 13.79 min Scan# 1836
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Tgt Ion:152 Resp: 923088

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.2	24.2
153	14.3	10.6	15.8



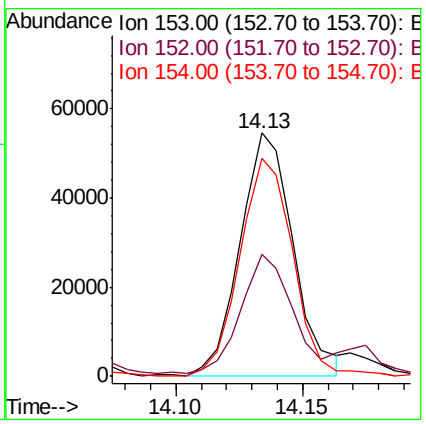


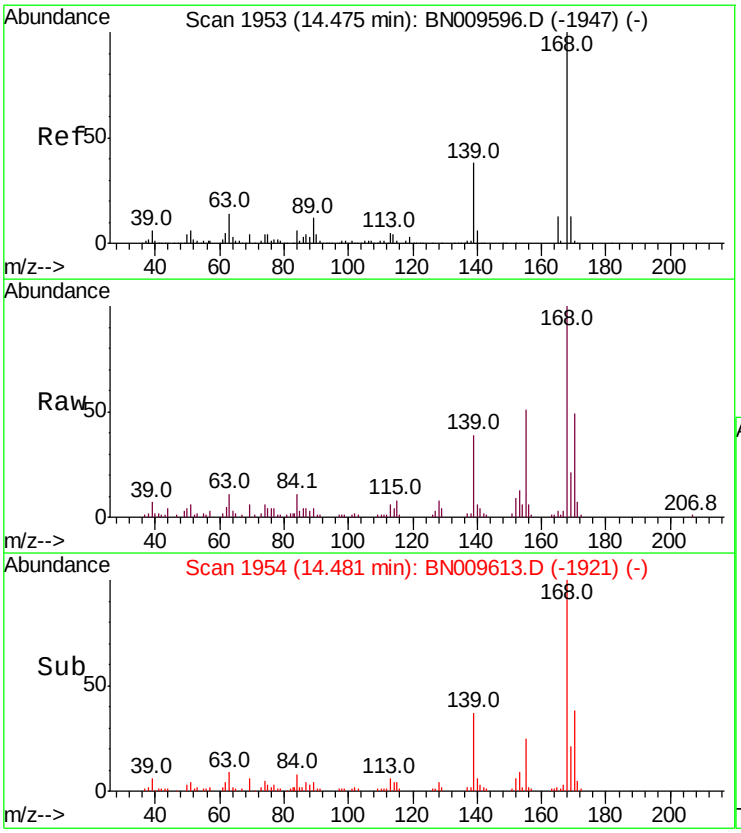
#49
Acenaphthene
Concen: 2.994 ng/ul
RT: 14.13 min Scan# 1895
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Instrument :
BNA_N
ClientSampleId :
GAT56DL

Tgt Ion:153 Resp: 80146

Ion	Ratio	Lower	Upper
153	100		
152	50.3	37.3	55.9
154	89.3	70.2	105.2

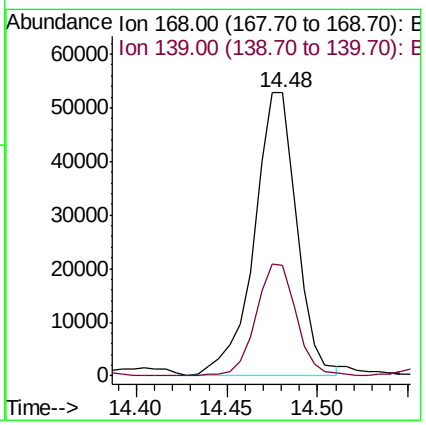


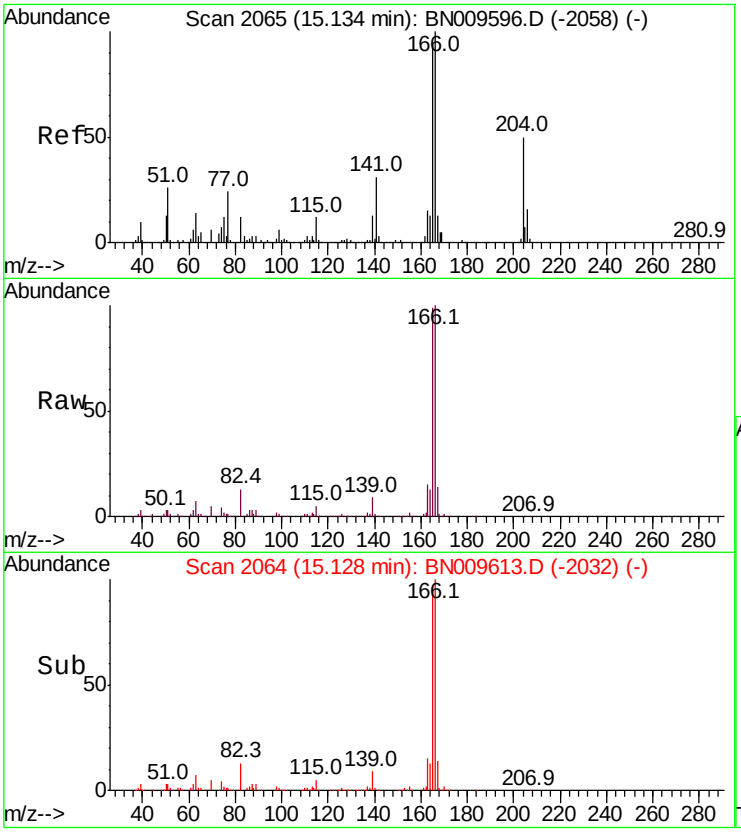


#53
Dibenzofuran
Concen: 2.312 ng/ul
RT: 14.48 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Tgt Ion:168 Resp: 86163

Ion	Ratio	Lower	Upper
168	100		
139	39.0	29.5	44.3



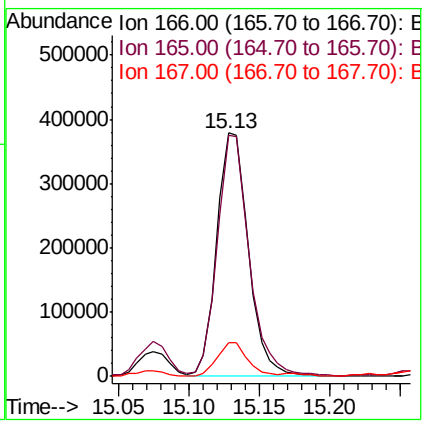


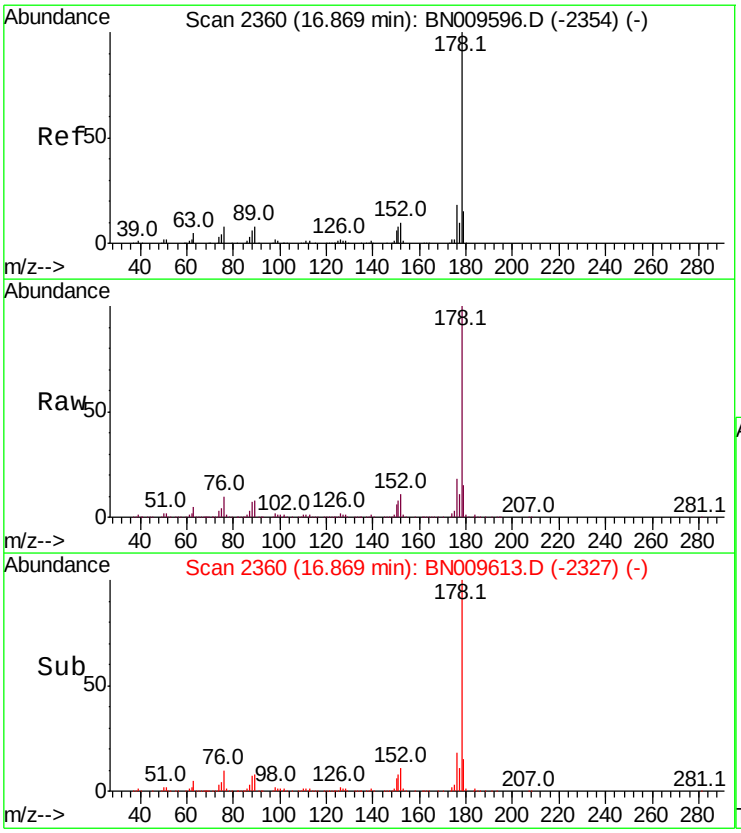
#58
Fluorene
Concen: 18.837 ng/ul
RT: 15.13 min Scan# 2064
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Instrument :
BNA_N
ClientSampleId :
GAT56DL

Tgt Ion:166 Resp: 586750

Ion	Ratio	Lower	Upper
166	100		
165	98.9	76.7	115.1
167	14.0	11.1	16.7

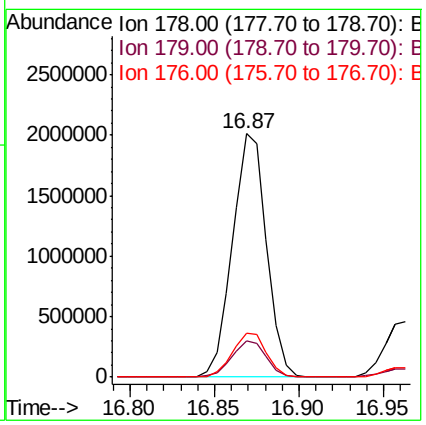


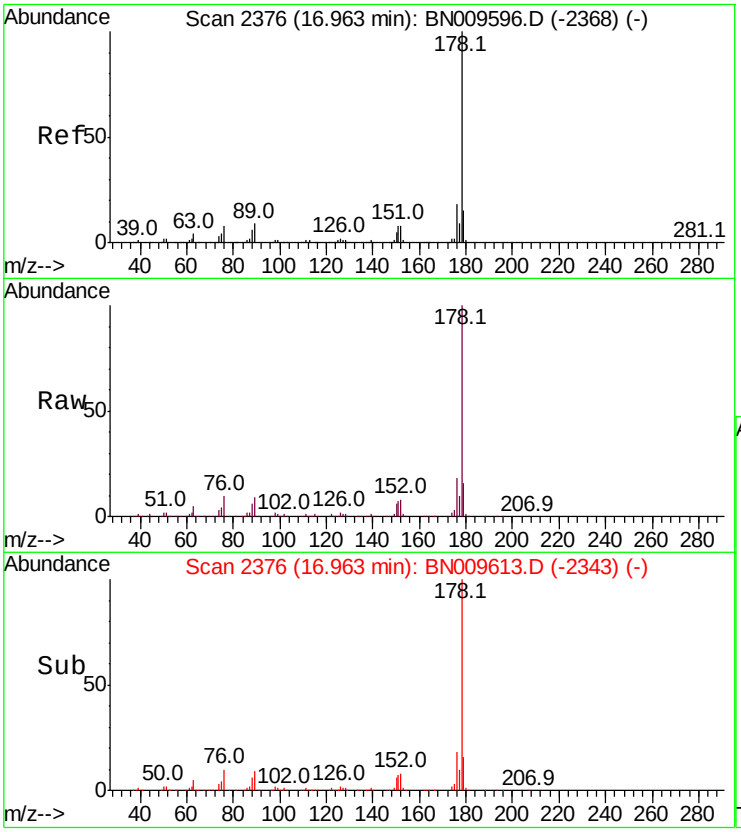


#69
Phenanthrene
Concen: 58.337 ng/ul
RT: 16.87 min Scan# 2360
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Tgt Ion:178 Resp: 2810809

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	18.1	14.8	22.2



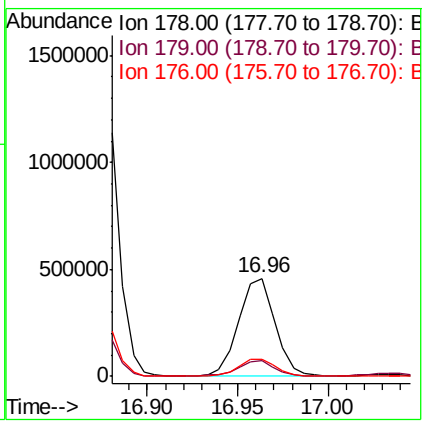


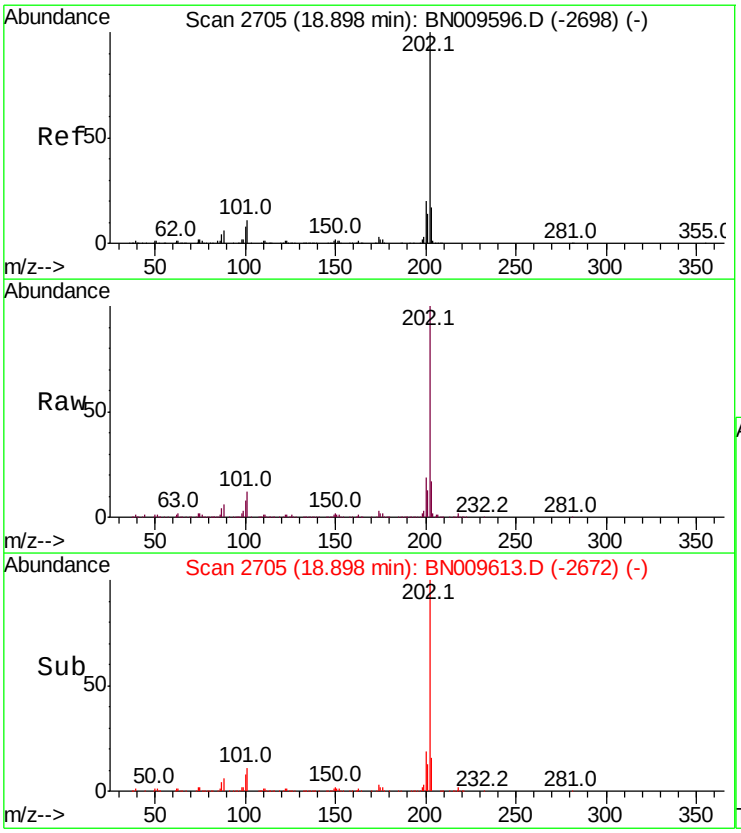
#71
Anthracene
Concen: 12.992 ng/ul
RT: 16.96 min Scan# 2376
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Instrument :
BNA_N
ClientSampleId :
GAT56DL

Tgt Ion:178 Resp: 635141

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.1	18.1
176	17.9	14.6	21.8

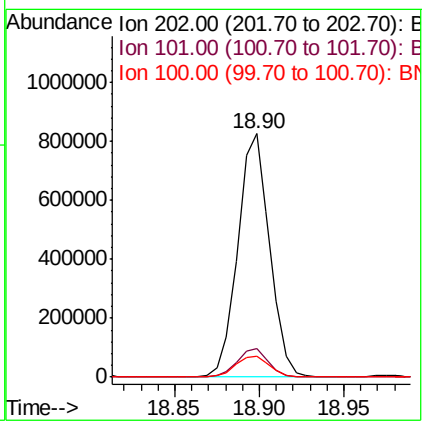


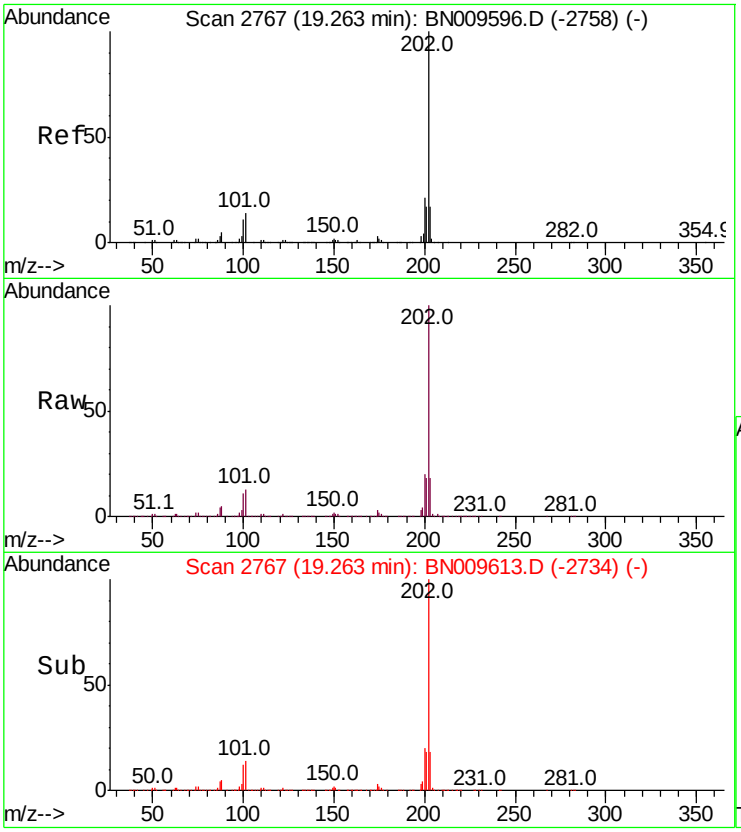


#76
Fluoranthene
Concen: 19.589 ng/ul
RT: 18.90 min Scan# 2705
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Tgt Ion:202 Resp: 1077223

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.2	13.8
100	8.4	6.9	10.3



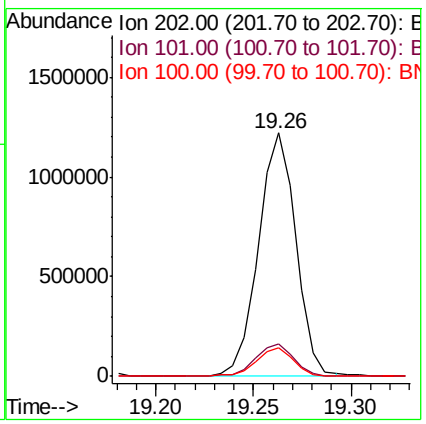


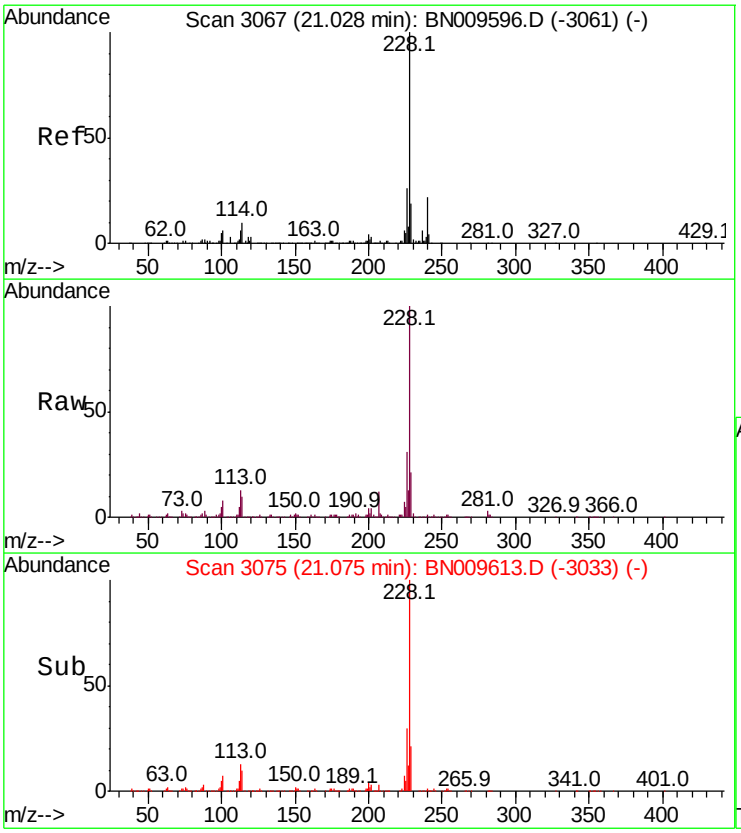
#79
Pyrene
Concen: 28.422 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Instrument :
BNA_N
ClientSampleId :
GAT56DL

Tgt Ion:202 Resp: 1612352

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.3	15.5
100	11.5	8.4	12.6

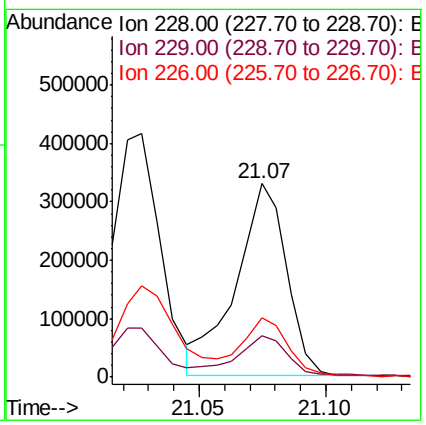


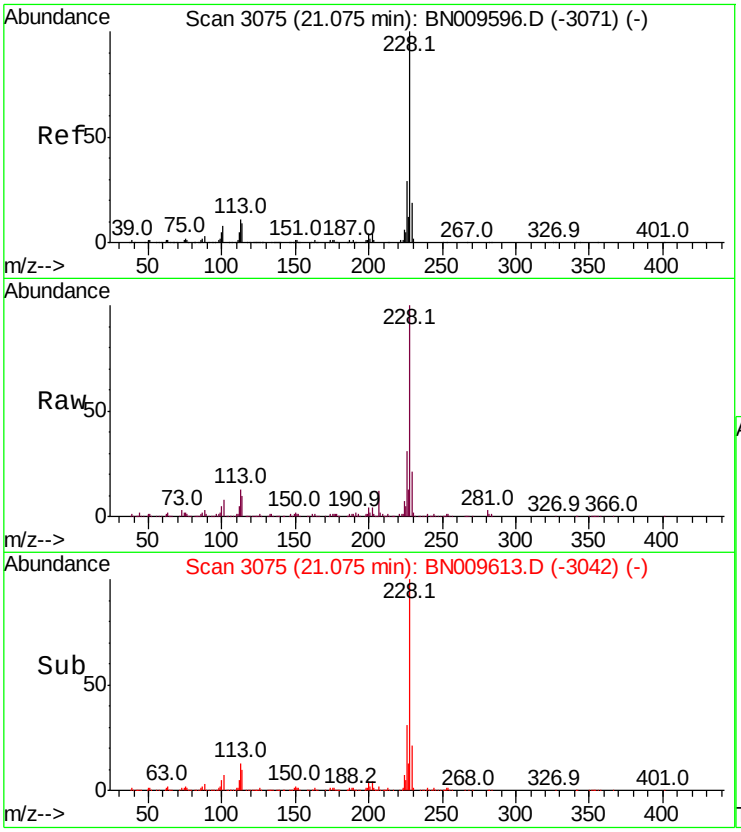


#82
Benzo(a)anthracene
Concen: 8.518 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. 0.05 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Tgt Ion:228 Resp: 457024

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.0	22.4
226	30.8	20.9	31.3



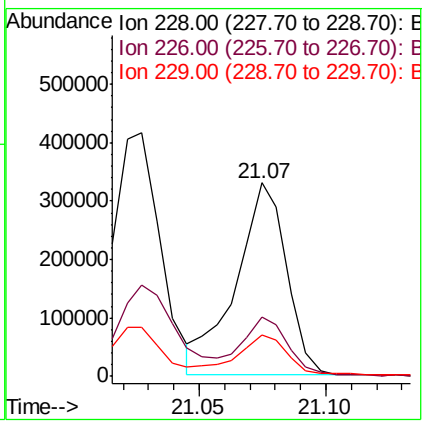


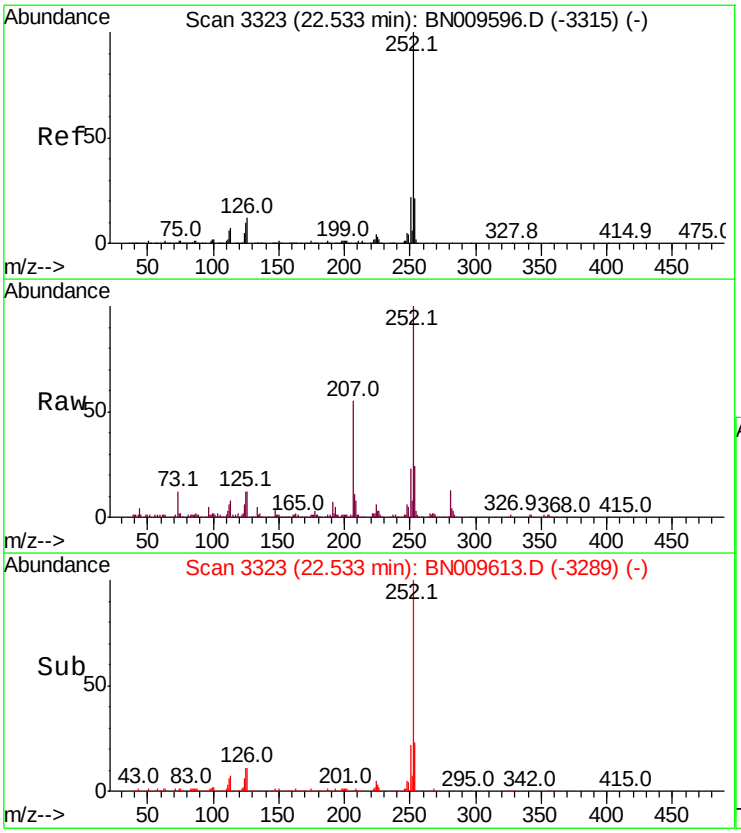
#84
Chrysene
Concen: 8.556 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Instrument :
BNA_N
ClientSampleId :
GAT56DL

Tgt Ion:228 Resp: 457024

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.5	35.3
229	21.3	15.8	23.8

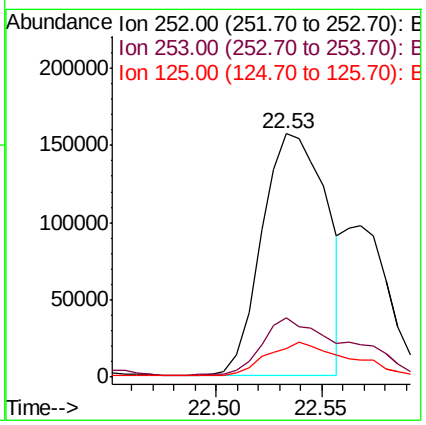


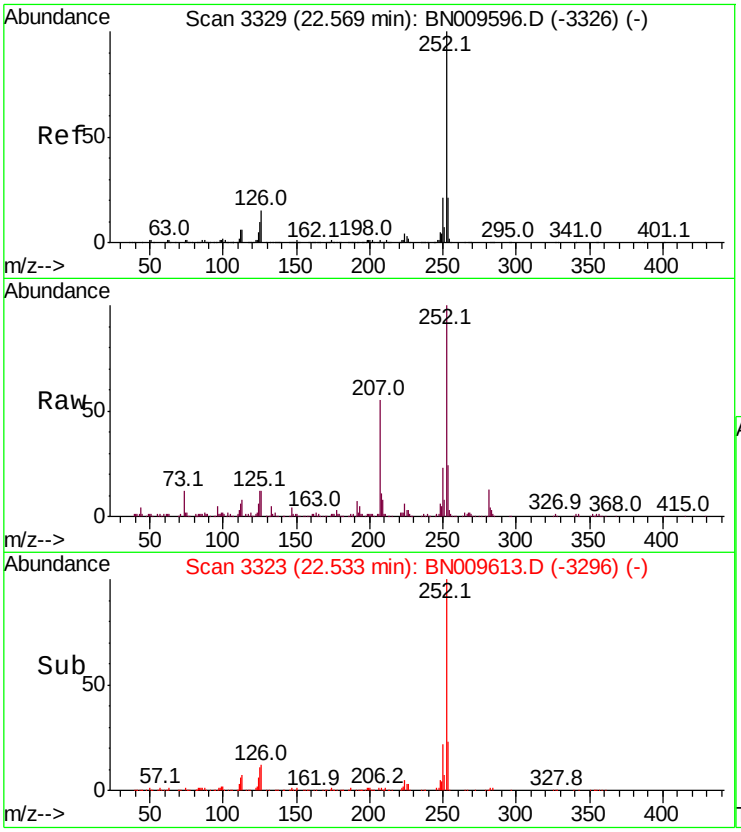


#87
Benzo(b)fluoranthene
Concen: 6.266 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. 0.00 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Tgt Ion:252 Resp: 333884

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	11.7	8.2	12.2



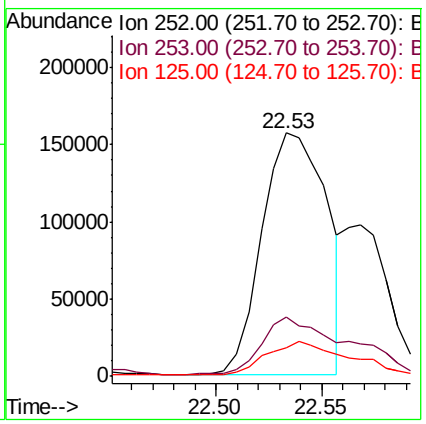


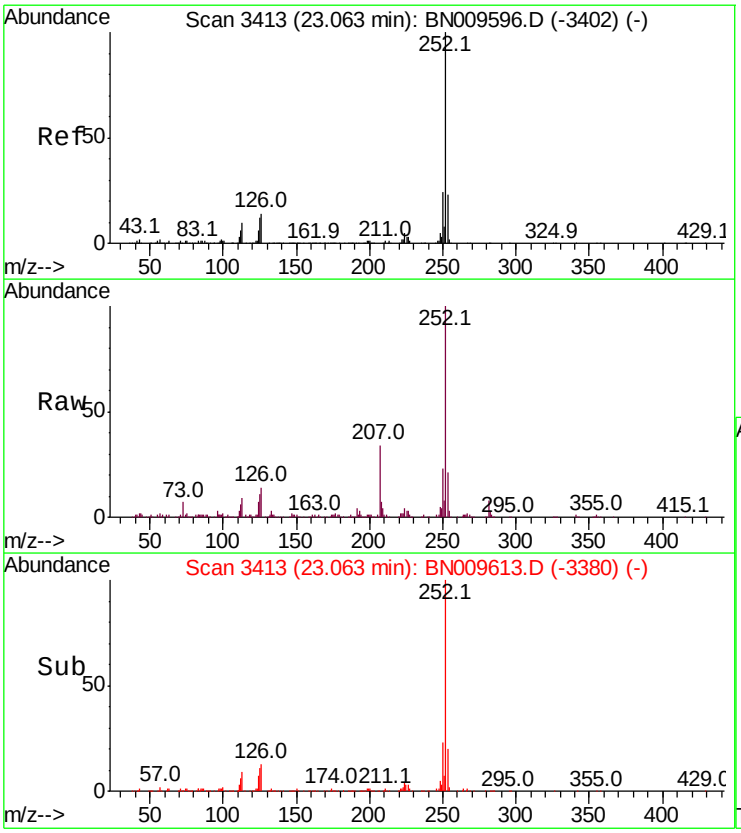
#88
Benzo(k)fluoranthene
Concen: 6.363 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.04 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Instrument :
BNA_N
ClientSampleId :
GAT56DL

Tgt Ion:252 Resp: 333884

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.4
125	11.7	8.0	12.0

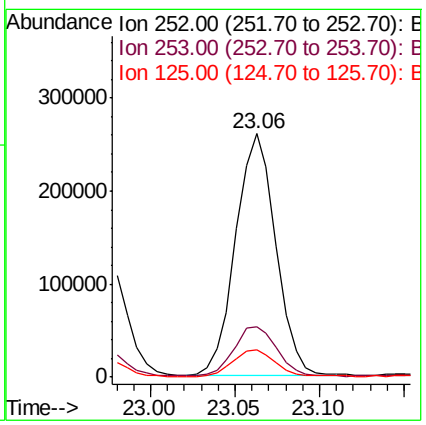


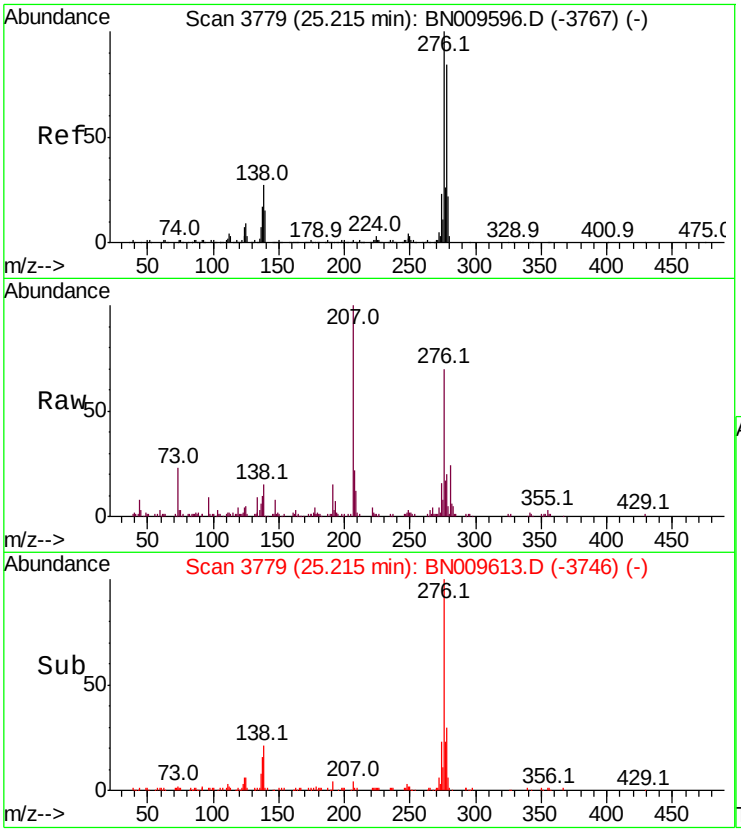


#90
Benzo(a)pyrene
Concen: 8.746 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Tgt Ion:252 Resp: 431753

Ion	Ratio	Lower	Upper
252	100		
253	20.9	15.8	23.8
125	11.1	8.7	13.1



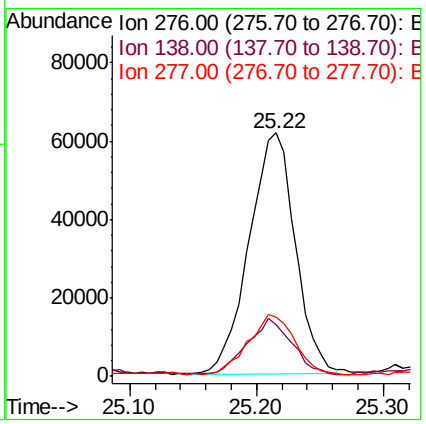


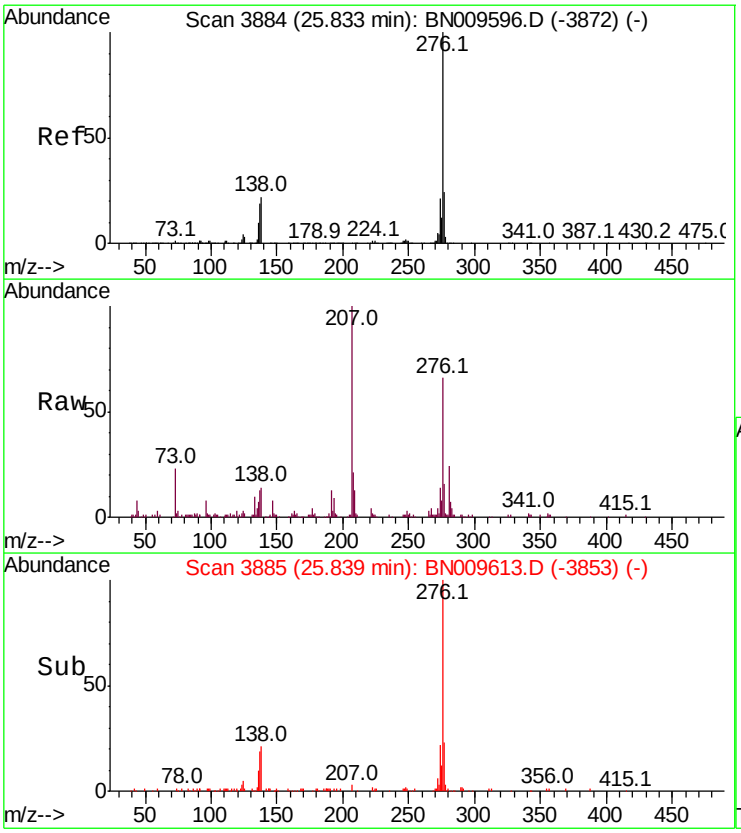
#91
Indeno(1,2,3-cd)pyrene
Concen: 2.650 ng/ul
RT: 25.22 min Scan# 3779
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Instrument :
BNA_N
ClientSampleId :
GAT56DL

Tgt Ion:276 Resp: 155535

Ion	Ratio	Lower	Upper
276	100		
138	21.1	20.3	30.5
277	24.2	21.2	31.8





#93
Benzo(g,h,i)perylene
Concen: 3.336 ng/ul
RT: 25.84 min Scan# 3885
Delta R.T. -0.01 min
Lab File: BN009613.D
Acq: 06 Feb 2020 17:23

Tgt Ion:276 Resp: 164096

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.0	24.0
277	23.7	17.0	25.6