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

Quantitation Report (Not Reviewed)

Data File : BN009698.D
Acq On : 10 Feb 2020 22:47
Operator : CG/JU
Sample : L1324-09MEDL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Time: Feb 11 01:42:03 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	135943	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	570154	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	360352	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.82	188	776963	20.00	ng/ul	0.00
77) Chrysene-d12	21.03	240	754372	20.00	ng/ul	-0.01
85) Perylene-d12	23.14	264	761011	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.08	96	897	0.27	ng/uL	0.00
5) Phenol-d5	6.64	99	20524	1.73	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	17685	2.22	ng/ul	0.00
9) 2-Chlorophenol-d4	6.98	132	17351	1.99	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	16154	1.71	ng/ul	0.00
19) Nitrobenzene-d5	8.59	128	8379	1.98	ng/ul	0.01
22) 2-Nitrophenol-d4	9.29	143	7402	1.56	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.83	165	16033	1.81	ng/ul	0.01
29) 4-Chloroaniline-d4	10.34	131	14705	1.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	63561	2.42	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	72409	2.28	ng/ul	0.00
51) 4-Nitrophenol-d4	14.30	143	124	0.02	ng/ul	-0.01
57) Fluorene-d10	15.07	176	65183	2.82	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	3963	0.82	ng/ul	0.01
70) Anthracene-d10	16.92	188	95019	2.69	ng/ul	-0.01
78) Pyrene-d10	19.23	212	99789	2.52	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	94911	2.53	ng/ul	-0.01
Target Compounds						Qvalue
28) Naphthalene	10.22	128	889639	28.773	ng/ul	99
30) 4-Chloroaniline	10.23	127	117516	11.940	ng/ul#	9
34) 2-Methylnaphthalene	11.85	142	646222	29.866	ng/ul	95
40) 1,1'-Biphenyl	12.89	154	71262	2.540	ng/ul	95
47) Acenaphthylene	13.78	152	378110	10.870	ng/ul	99
49) Acenaphthene	14.13	153	29917	1.265	ng/ul	97
58) Fluorene	15.12	166	206907	7.519	ng/ul	99
69) Phenanthrene	16.86	178	905761	20.442	ng/ul	99
71) Anthracene	16.95	178	227891	5.069	ng/ul	99
76) Fluoranthene	18.89	202	392045	7.752	ng/ul	99
79) Pyrene	19.26	202	674971	12.257	ng/ul	99
82) Benzo(a)anthracene	21.07	228	184532	3.543	ng/ul	96
84) Chrysene	21.07	228	184621	3.561	ng/ul	99
87) Benzo(b)fluoranthene	22.53	252	210615	4.423	ng/ul#	93
88) Benzo(k)fluoranthene	22.53	252	210615	4.492	ng/ul#	93
90) Benzo(a)pyrene	23.06	252	184788	4.189	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.20	276	90238	1.721	ng/ul	92
93) Benzo(g,h,i)perylene	25.82	276	70617	1.607	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 : BN009698.D
Acq On : 10 Feb 2020 22:47
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Sample : L1324-09MEDL 5X
Misc :
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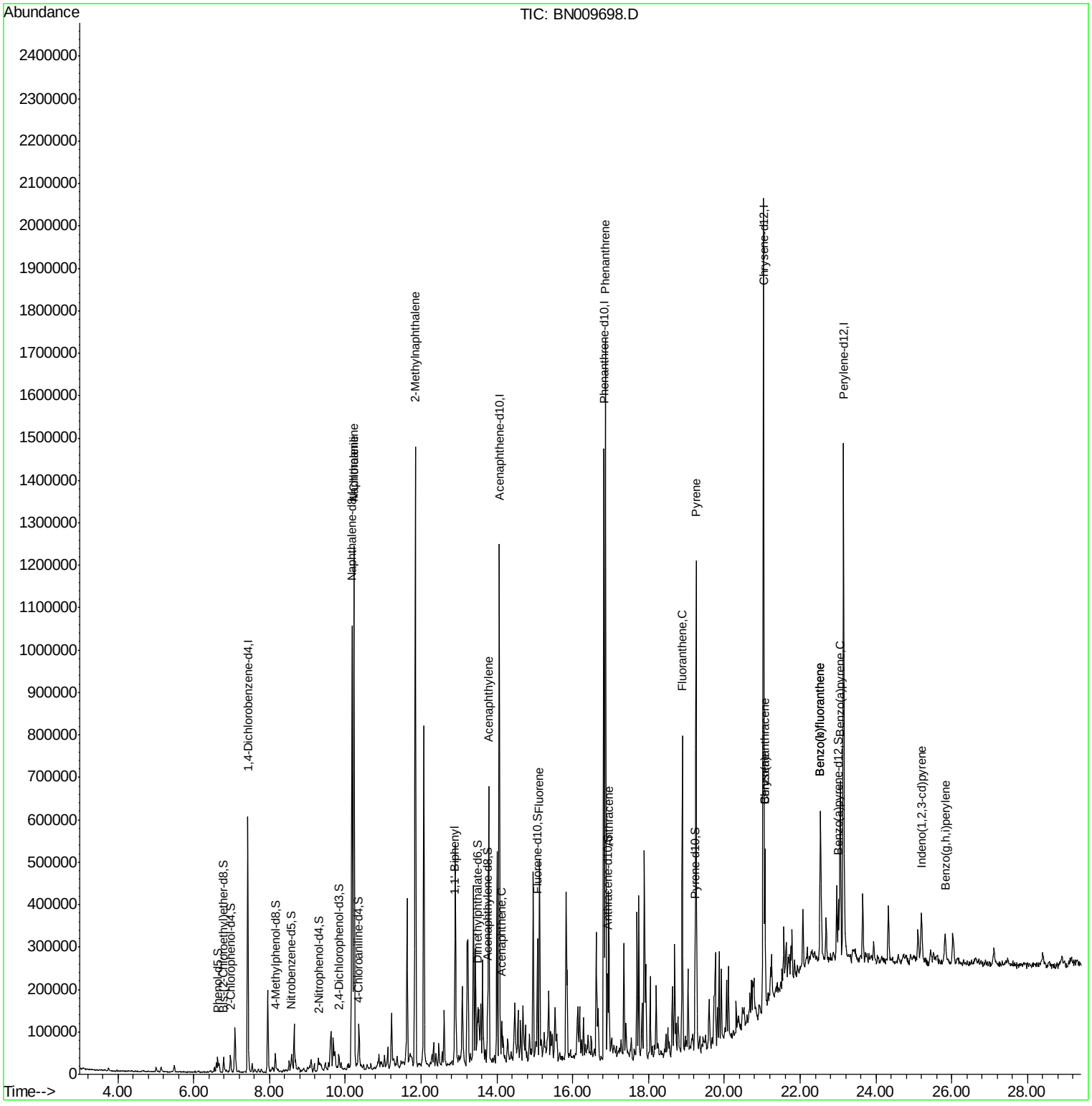
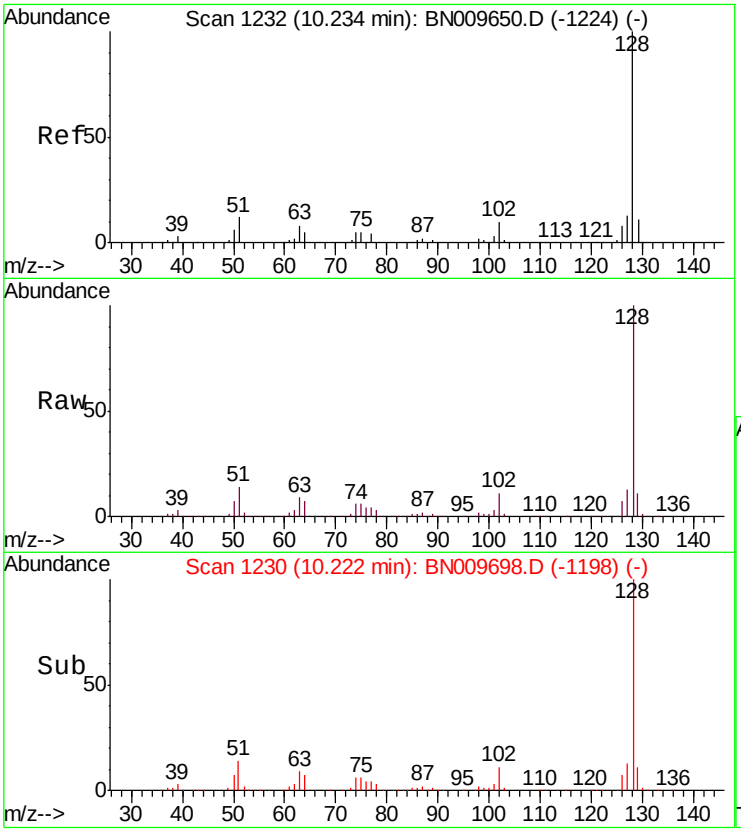
Instrument : BNA_N
ClientSampleId : GAT66MEDL

Quant Time: Feb 11 01:42:03 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



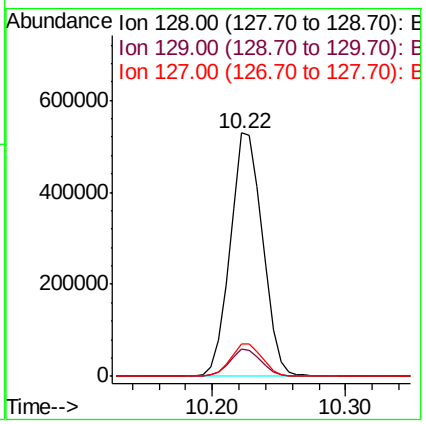


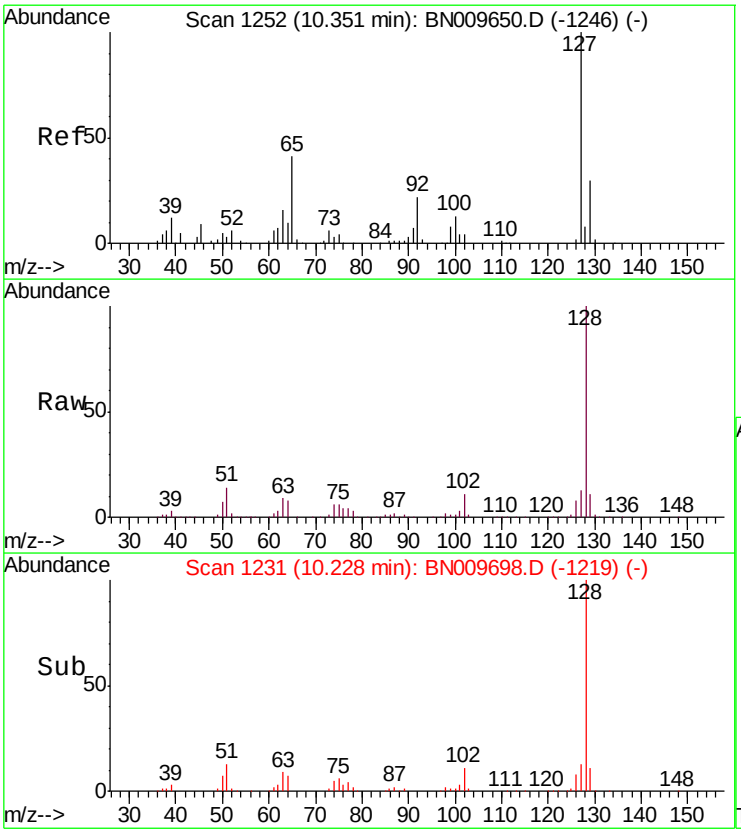
#28
Naphthalene
Concen: 28.773 ng/ul
RT: 10.22 min Scan# 1230
Delta R.T. -0.01 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Instrument :
BNA_N
ClientSampleId :
GAT66MEDL

Tgt Ion:128 Resp: 889639

Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.7	13.1
127	13.2	10.7	16.1

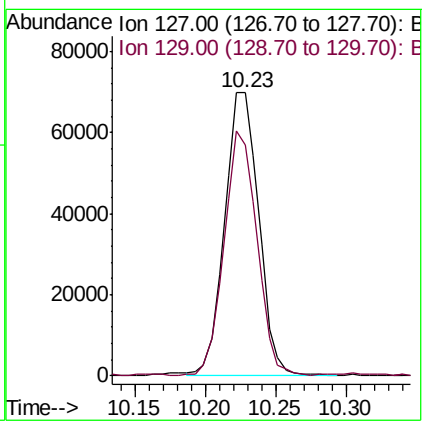


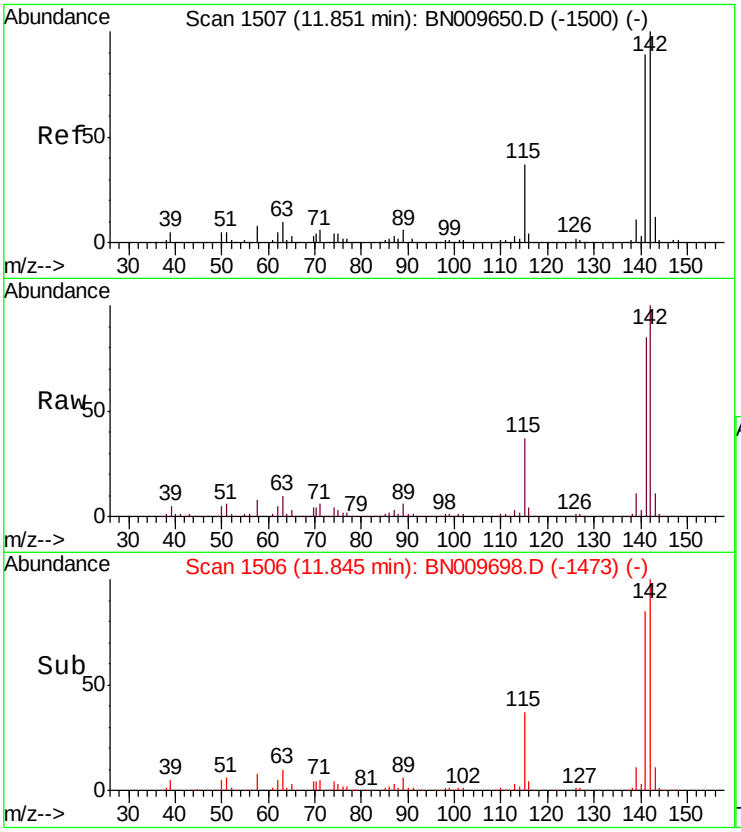


#30
4-Chloroaniline
Concen: 11.940 ng/ul
RT: 10.23 min Scan# 1231
Delta R.T. -0.13 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Tgt Ion:127 Resp: 117516

Ion	Ratio	Lower	Upper
127	100		
129	81.7	25.2	37.8#



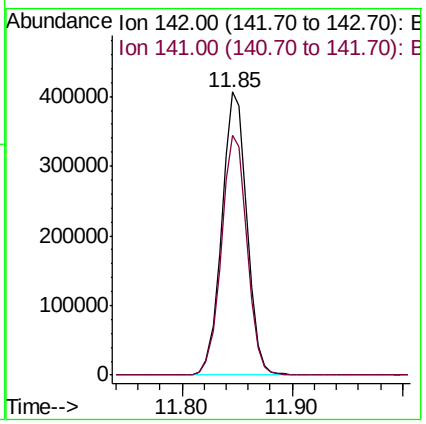


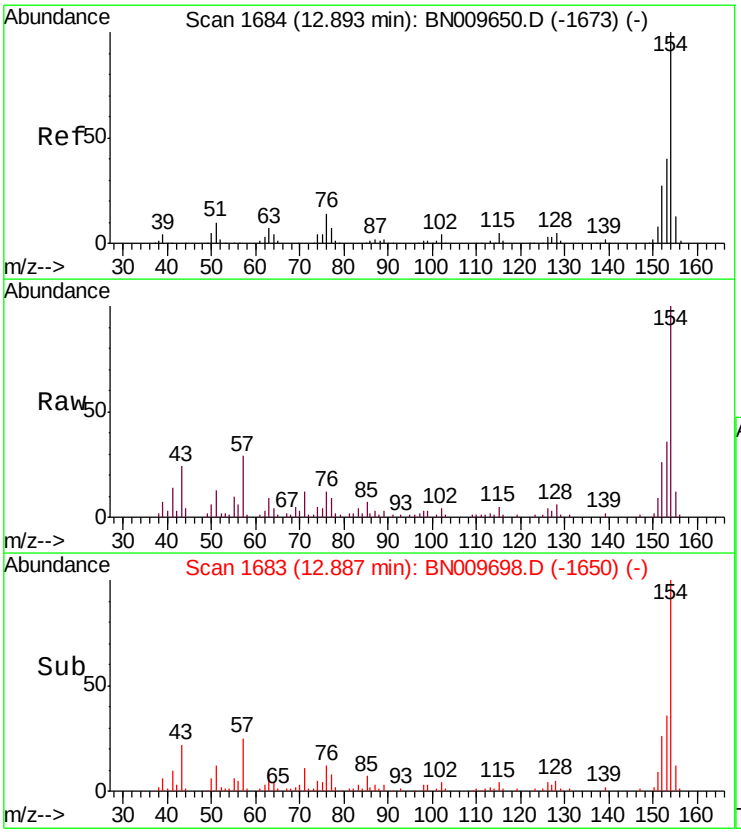
#34
2-Methylnaphthalene
Concen: 29.866 ng/ul
RT: 11.85 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Instrument :
BNA_N
ClientSampleId :
GAT66MEDL

Tgt Ion:142 Resp: 646222

Ion	Ratio	Lower	Upper
142	100		
141	84.9	71.5	107.3

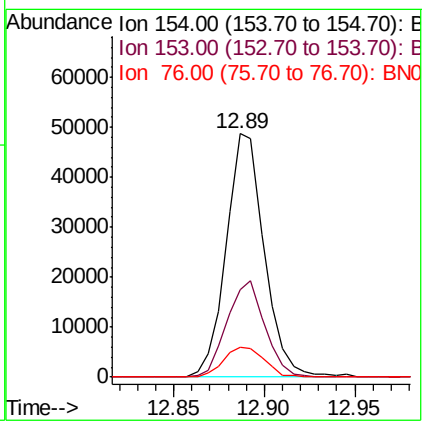


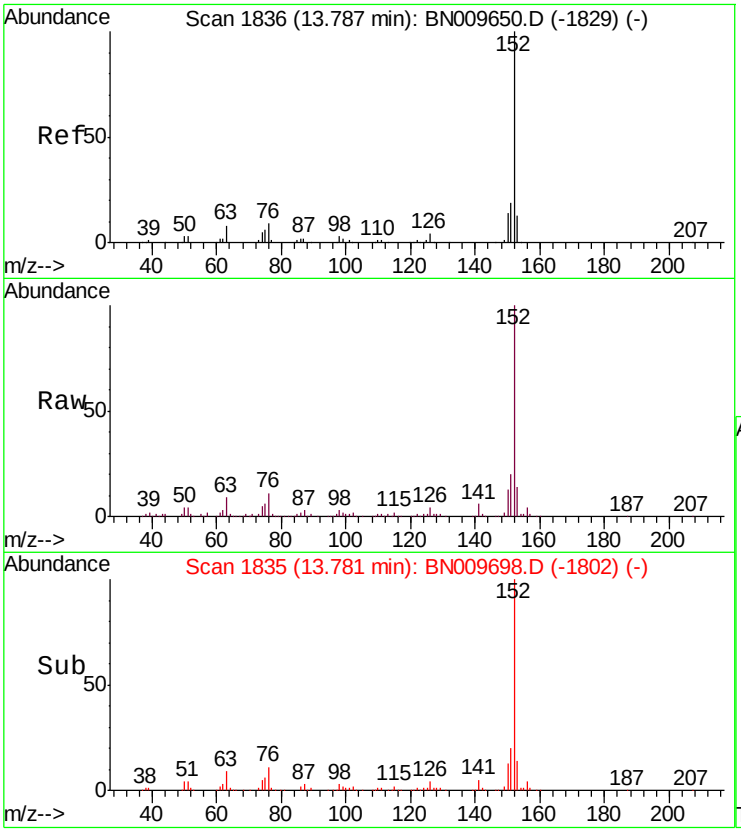


#40
1,1'-Biphenyl
Concen: 2.540 ng/ul
RT: 12.89 min Scan# 1683
Delta R.T. -0.01 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Tgt Ion:154 Resp: 71262

Ion	Ratio	Lower	Upper
154	100		
153	35.9	31.2	46.8
76	12.4	11.4	17.2



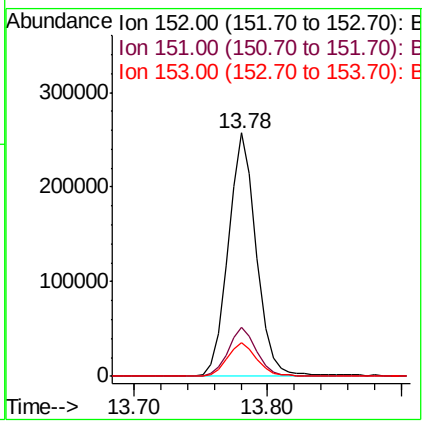


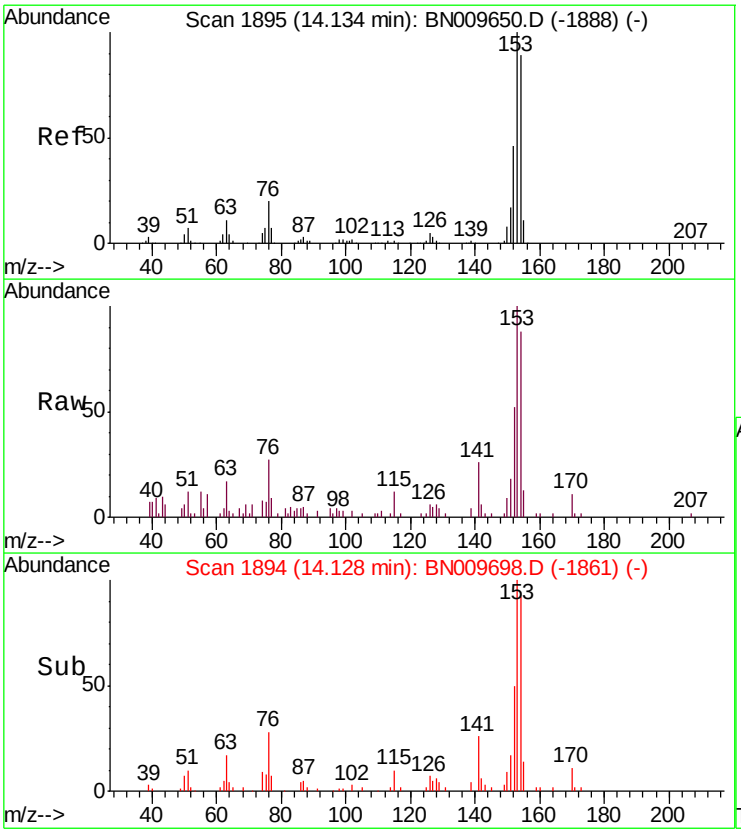
#47
Acenaphthylene
Concen: 10.870 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Instrument :
BNA_N
ClientSampleId :
GAT66MEDL

Tgt Ion:152 Resp: 378110

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.2
153	13.7	10.6	15.8

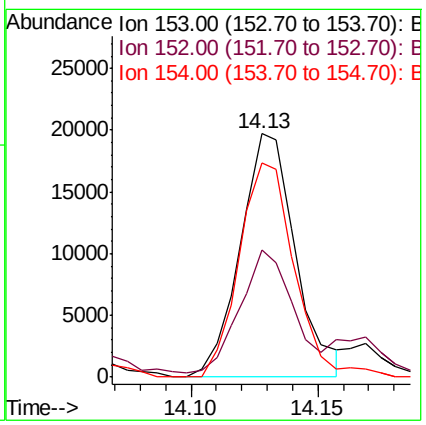


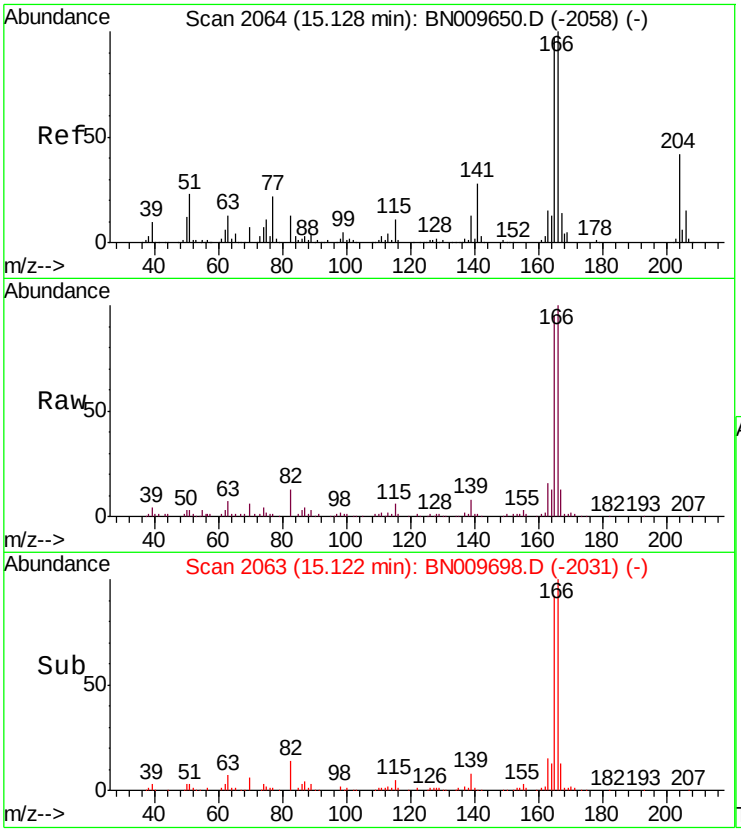


#49
Acenaphthene
Concen: 1.265 ng/ul
RT: 14.13 min Scan# 1894
Delta R.T. -0.01 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Tgt Ion:153 Resp: 29917

Ion	Ratio	Lower	Upper
153	100		
152	52.3	37.3	55.9
154	87.9	70.2	105.2



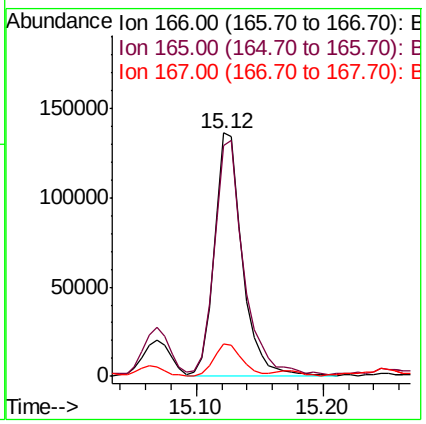


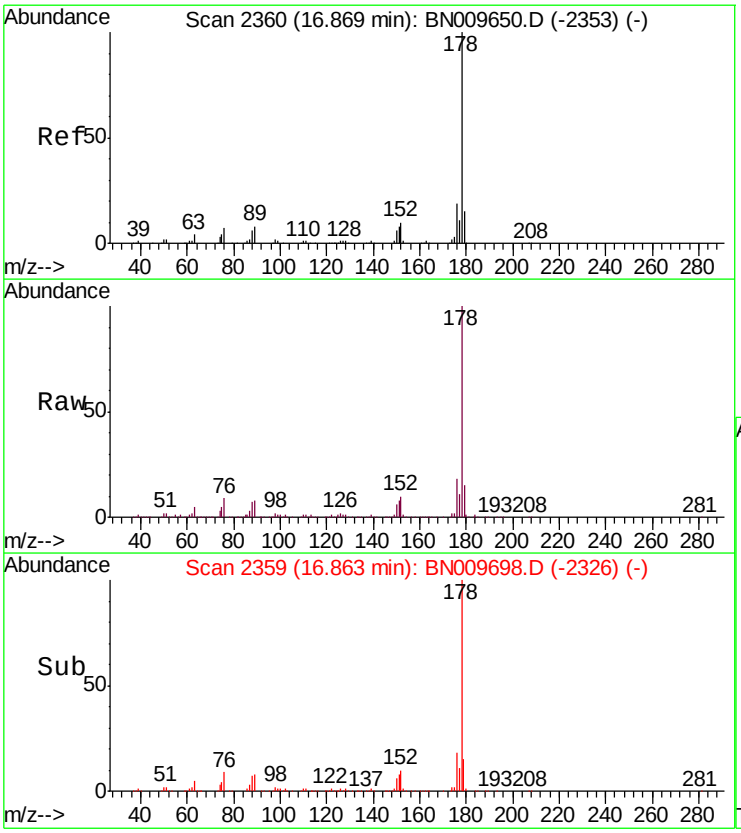
#58
Fluorene
Concen: 7.519 ng/ul
RT: 15.12 min Scan# 2063
Delta R.T. -0.01 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Instrument :
BNA_N
ClientSampleId :
GAT66MEDL

Tgt Ion:166 Resp: 206907

Ion	Ratio	Lower	Upper
166	100		
165	95.0	76.7	115.1
167	13.5	11.1	16.7

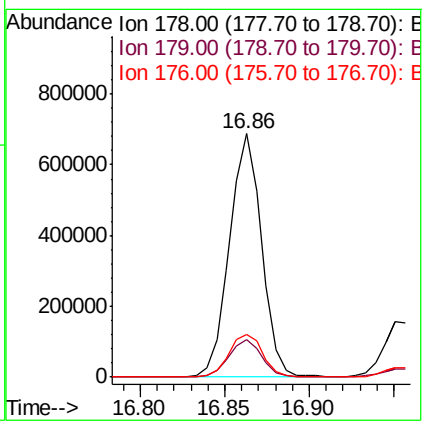


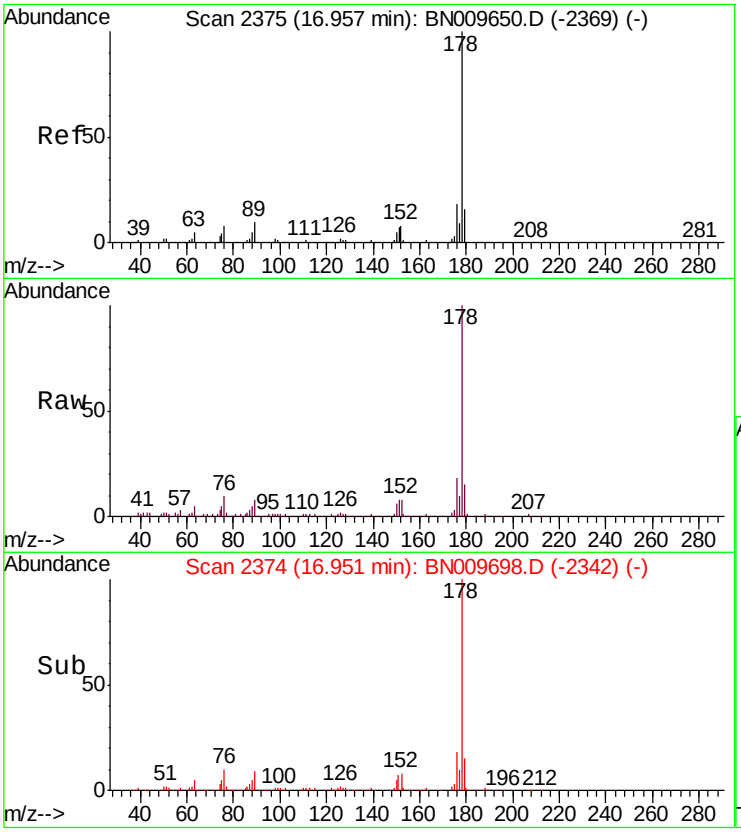


#69
Phenanthrene
Concen: 20.442 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Tgt Ion:178 Resp: 905761

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	17.6	14.8	22.2



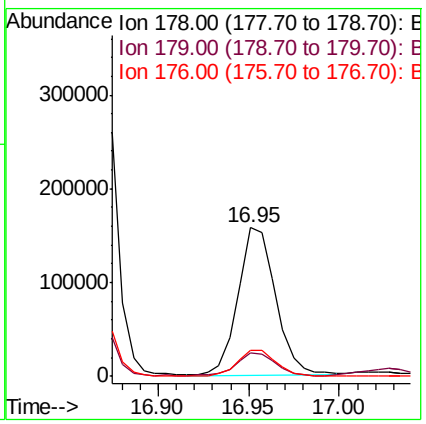


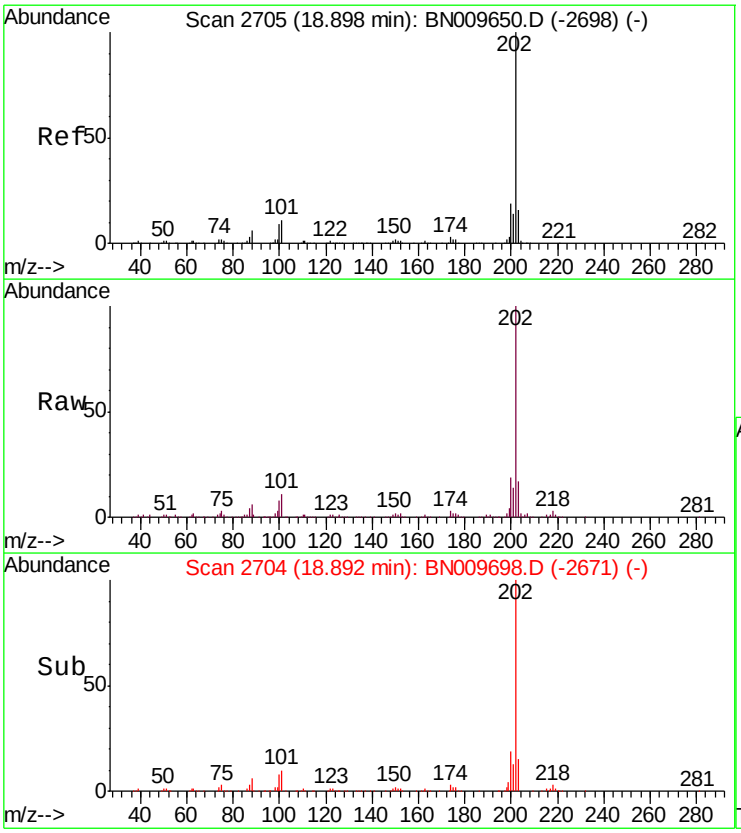
#71
Anthracene
Concen: 5.069 ng/ul
RT: 16.95 min Scan# 2374
Delta R.T. -0.01 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Instrument :
BNA_N
ClientSampleId :
GAT66MEDL

Tgt Ion:178 Resp: 227891

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	17.5	14.6	21.8

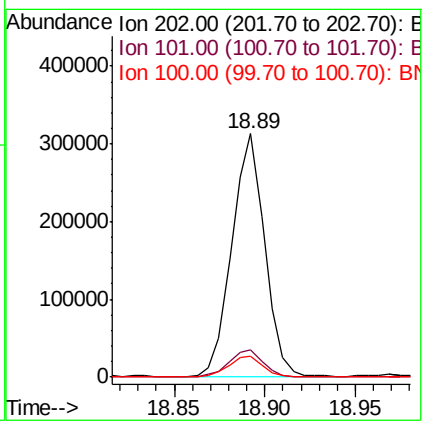


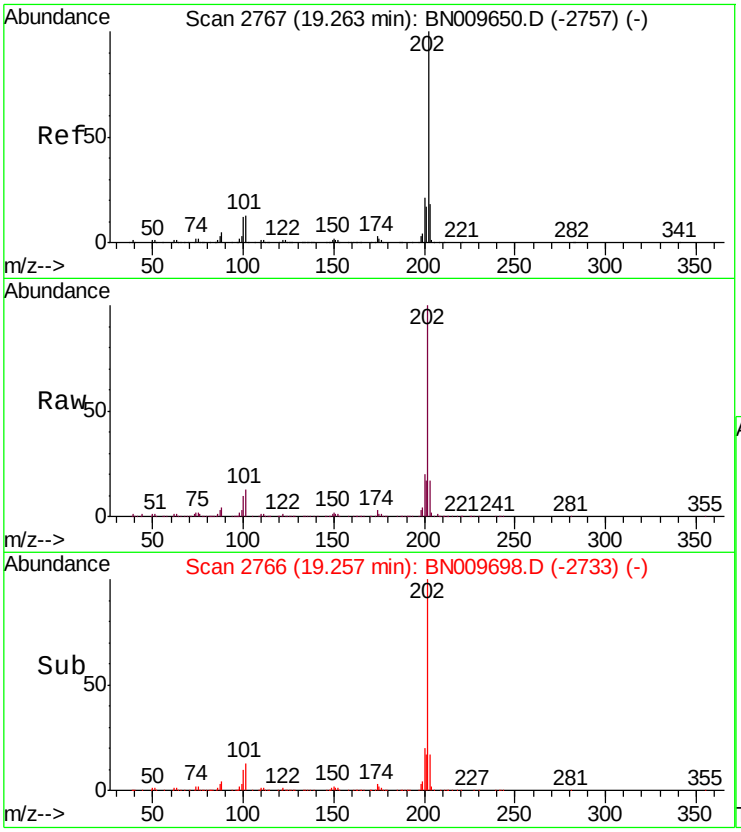


#76
Fluoranthene
Concen: 7.752 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. -0.01 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Tgt Ion:202 Resp: 392045

Ion	Ratio	Lower	Upper
202	100		
101	11.1	9.2	13.8
100	8.4	6.9	10.3



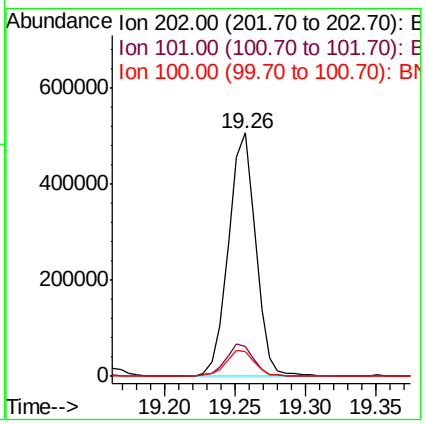


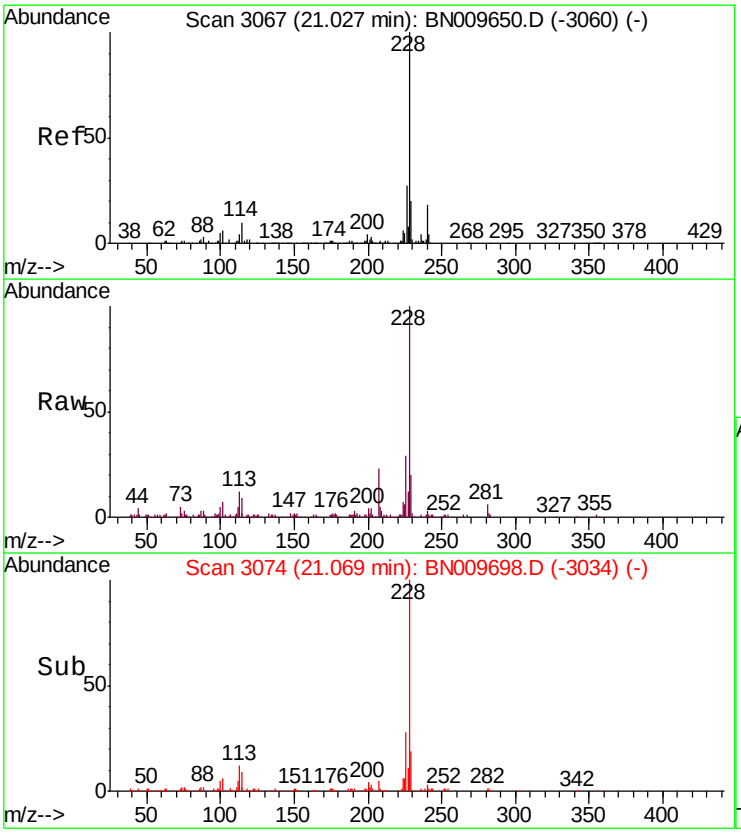
#79
Pyrene
Concen: 12.257 ng/ul
RT: 19.26 min Scan# 2766
Delta R.T. -0.01 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Instrument :
BNA_N
ClientSampleId :
GAT66MEDL

Tgt Ion:202 Resp: 674971

Ion	Ratio	Lower	Upper
202	100		
101	12.5	10.3	15.5
100	10.4	8.4	12.6

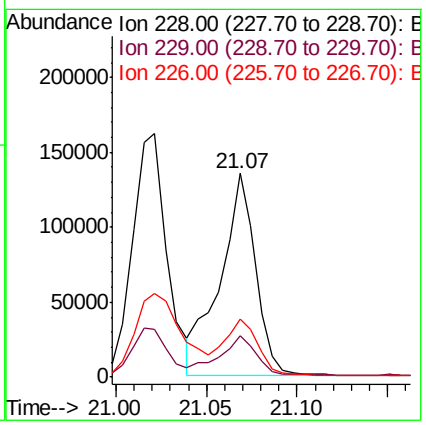


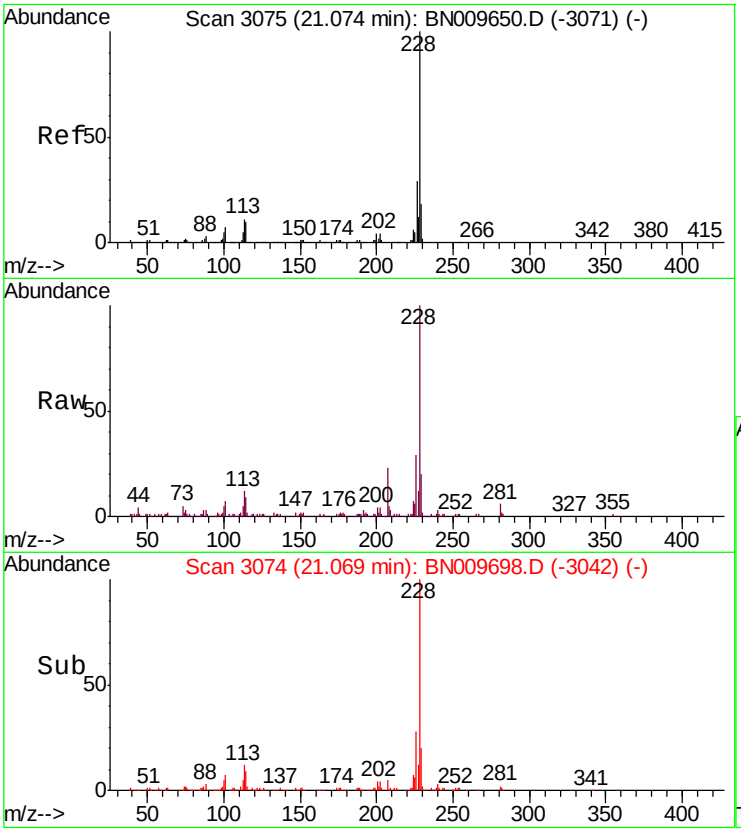


#82
Benzo(a)anthracene
Concen: 3.543 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. 0.04 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Tgt Ion:228 Resp: 184532

Ion	Ratio	Lower	Upper
228	100		
229	20.2	15.0	22.4
226	28.6	20.9	31.3



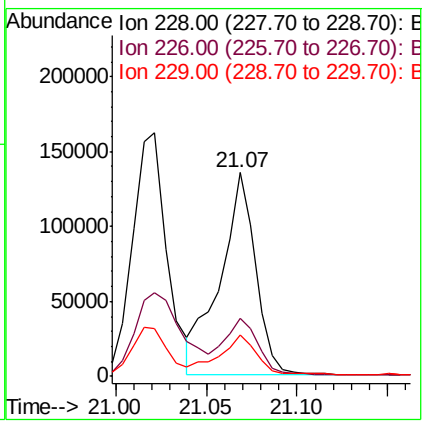


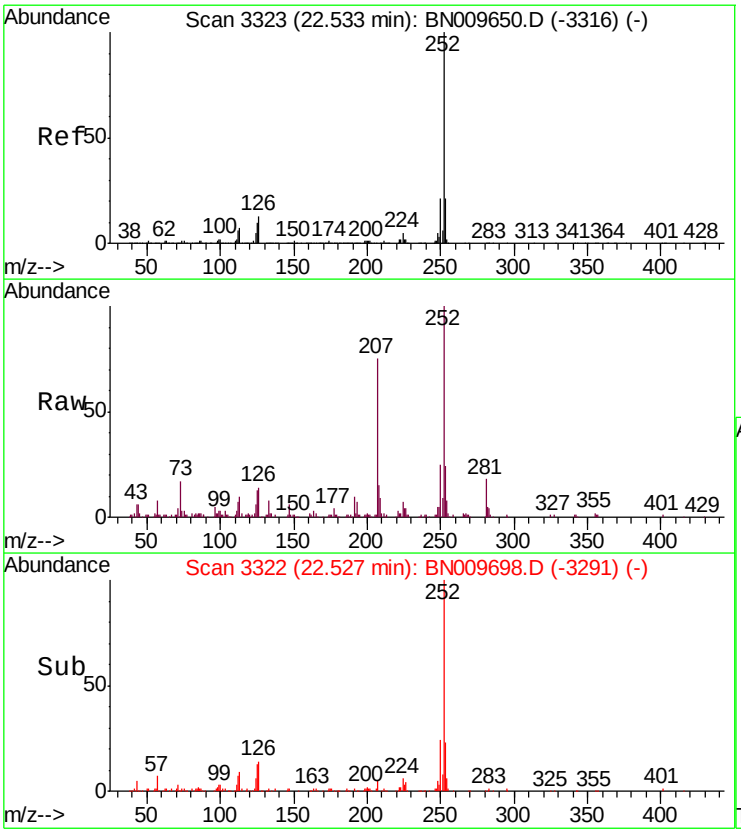
#84
Chrysene
Concen: 3.561 ng/ul
RT: 21.07 min Scan# 3074
Delta R.T. -0.01 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Instrument :
BNA_N
ClientSampleId :
GAT66MEDL

Tgt Ion:228 Resp: 184621

Ion	Ratio	Lower	Upper
228	100		
226	28.6	23.5	35.3
229	20.2	15.8	23.8

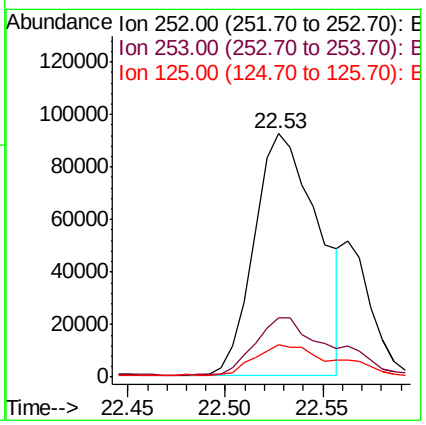


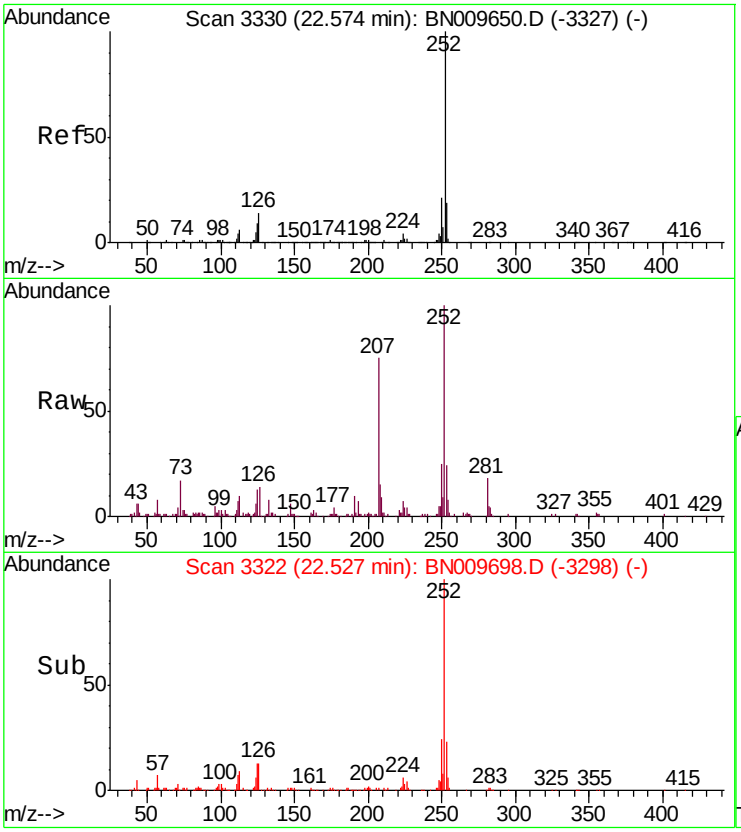


#87
Benzo(b)fluoranthene
Concen: 4.423 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.02 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Tgt Ion:252 Resp: 210615

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.6
125	13.3	8.2	12.2#



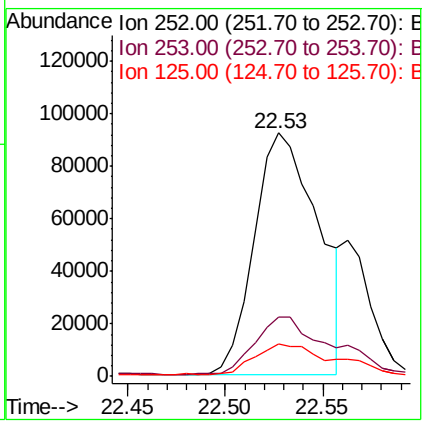


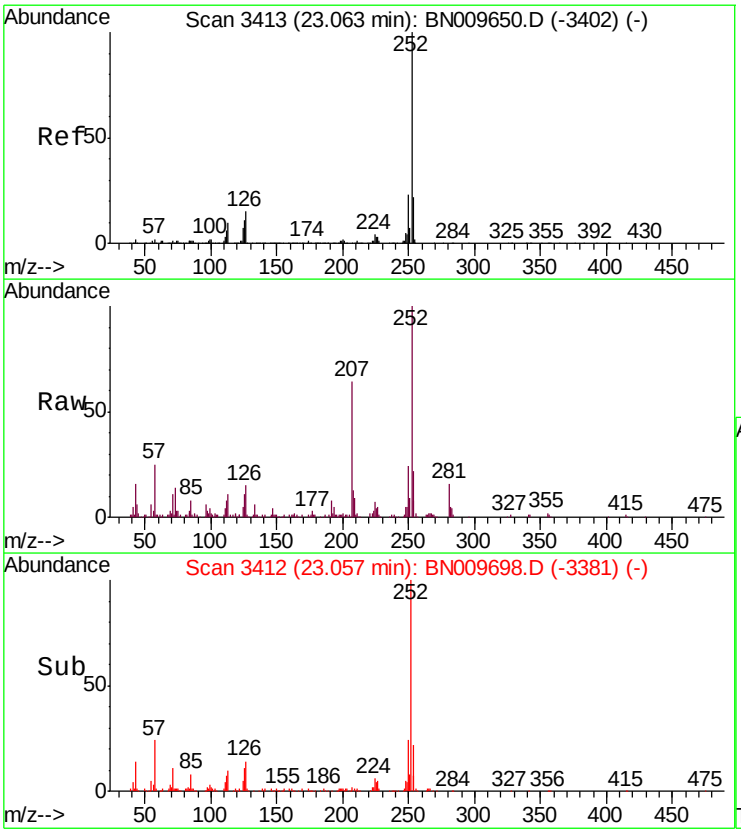
#88
Benzo(k)fluoranthene
Concen: 4.492 ng/ul
RT: 22.53 min Scan# 3322
Delta R.T. -0.06 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Instrument :
BNA_N
ClientSampleId :
GAT66MEDL

Tgt Ion:252 Resp: 210615

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.0	25.4
125	13.3	8.0	12.0#

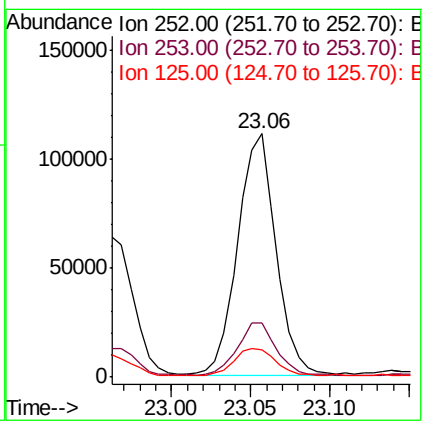


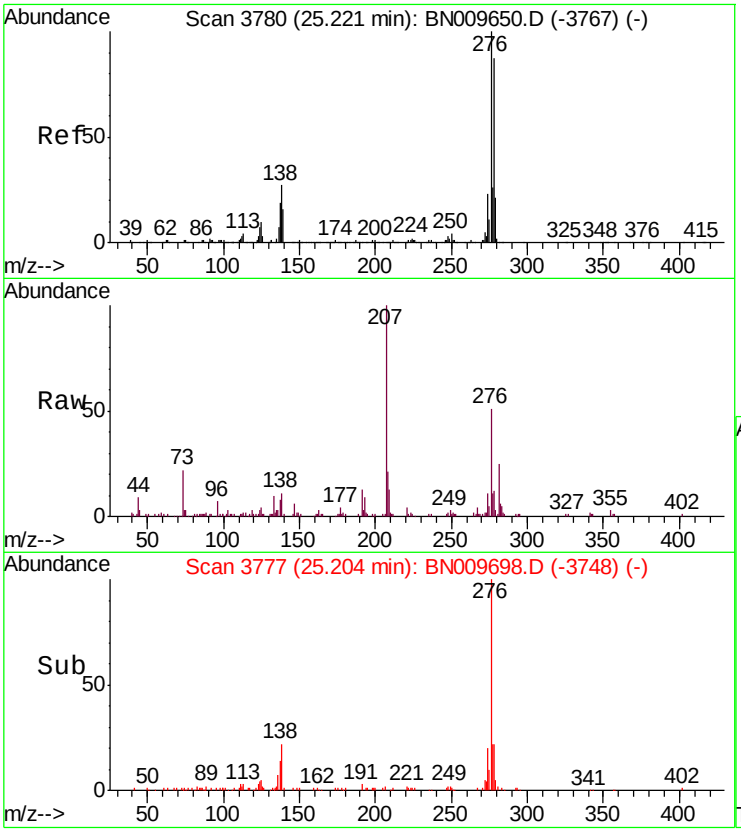


#90
Benzo(a)pyrene
Concen: 4.189 ng/ul
RT: 23.06 min Scan# 3412
Delta R.T. -0.02 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Tgt Ion:252 Resp: 184788

Ion	Ratio	Lower	Upper
252	100		
253	22.5	15.8	23.8
125	11.4	8.7	13.1



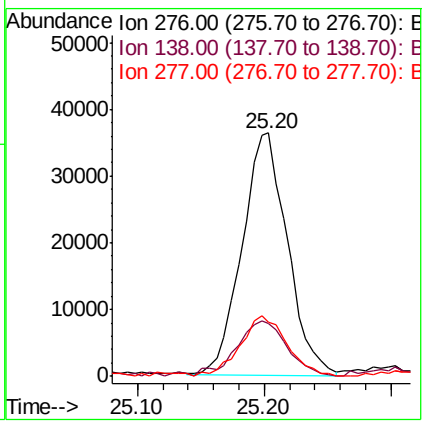


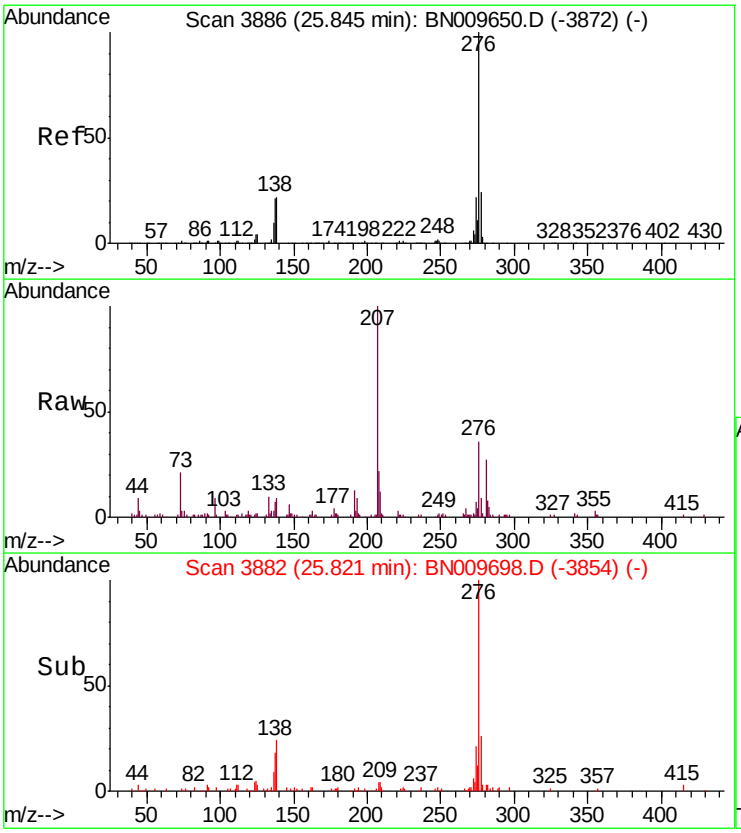
#91
Indeno(1,2,3-cd)pyrene
Concen: 1.721 ng/ul
RT: 25.20 min Scan# 3777
Delta R.T. -0.03 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Instrument :
BNA_N
ClientSampleId :
GAT66MEDL

Tgt Ion:276 Resp: 90238

Ion	Ratio	Lower	Upper
276	100		
138	21.5	20.3	30.5
277	22.1	21.2	31.8





#93
Benzo(g,h,i)perylene
Concen: 1.607 ng/ul
RT: 25.82 min Scan# 3882
Delta R.T. -0.04 min
Lab File: BN009698.D
Acq: 10 Feb 2020 22:47

Tgt Ion:276 Resp: 70617

Ion	Ratio	Lower	Upper
276	100		
138	23.9	16.0	24.0
277	25.5	17.0	25.6