Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN021020\
Data File : BN009691.D
Acq On : 10 Feb 2020 18:36
Operator : CG/JU
Sample : L1324-14ME
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Feb 11 10:54:22 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

Instrument :
BNA_N
ClientSampleId :
GAT69ME

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	108133	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	469198	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.06	164	290146	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.82	188	595683	20.00	ng/ul	0.00
77) Chrysene-d12	21.04	240	568969	20.00	ng/ul	0.00
85) Perylene-d12	23.14	264	573428	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.07	96	6717	2.55	ng/uL	0.00
5) Phenol-d5	6.63	99	174870	18.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.79	67	128634	20.31	ng/ul	0.00
9) 2-Chlorophenol-d4	6.97	132	140416	20.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.14	113	147488	19.64	ng/ul	0.00
19) Nitrobenzene-d5	8.58	128	70530	20.21	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	74170	19.05	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	142039	19.47	ng/ul	0.00
29) 4-Chloroaniline-d4	10.33	131	155745	19.86	ng/ul	0.00
43) Dimethylphthalate-d6	13.49	166	414277	19.56	ng/ul	0.00
46) Acenaphthylene-d8	13.75	160	560066	21.88	ng/ul	0.00
51) 4-Nitrophenol-d4	14.31	143	60127	15.03	ng/ul	0.00
57) Fluorene-d10	15.07	176	405067	21.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.23	200	50053	13.45	ng/ul	0.00
70) Anthracene-d10	16.92	188	635653	23.48	ng/ul	0.00
78) Pyrene-d10	19.23	212	663958	22.20	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.02	264	661411	23.43	ng/ul	-0.01
Target Compounds						Qvalue
47) Acenaphthylene	13.78	152	710440	25.366	ng/ul	99
58) Fluorene	15.15	166	29649	1.338	ng/ul#	45
69) Phenanthrene	16.86	178	109669	3.228	ng/ul	99
71) Anthracene	16.96	178	372375	10.803	ng/ul	98
76) Fluoranthene	18.89	202	1936378	49.943	ng/ul	99
79) Pyrene	19.26	202	5802559	139.704	ng/ul	96
82) Benzo(a)anthracene	21.02	228	1963092m	49.971	ng/ul	
84) Chrysene	21.07	228	1619647	41.414	ng/ul	97
87) Benzo(b)fluoranthene	22.53	252	1572020	43.817	ng/ul	97
88) Benzo(k)fluoranthene	22.56	252	500670m	14.170	ng/ul	
90) Benzo(a)pyrene	23.06	252	1387635	41.746	ng/ul	96
91) Indeno(1,2,3-cd)pyrene	25.21	276	668359	16.912	ng/ul	94
92) Dibenzo(a,h)anthracene	25.21	278	227793	6.848	ng/ul#	92
93) Benzo(g,h,i)perylene	25.83	276	608091	18.360	ng/ul	94

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

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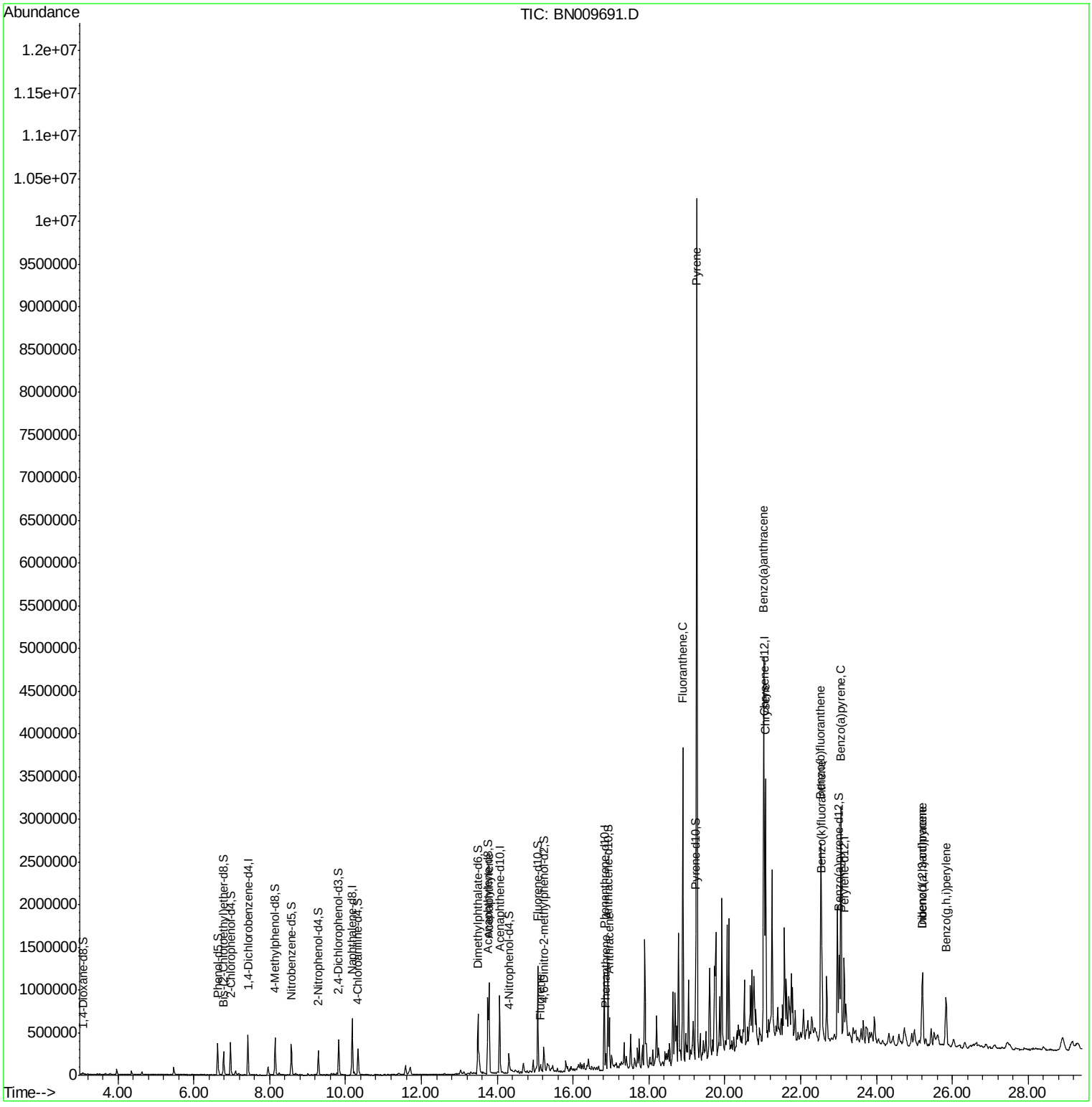
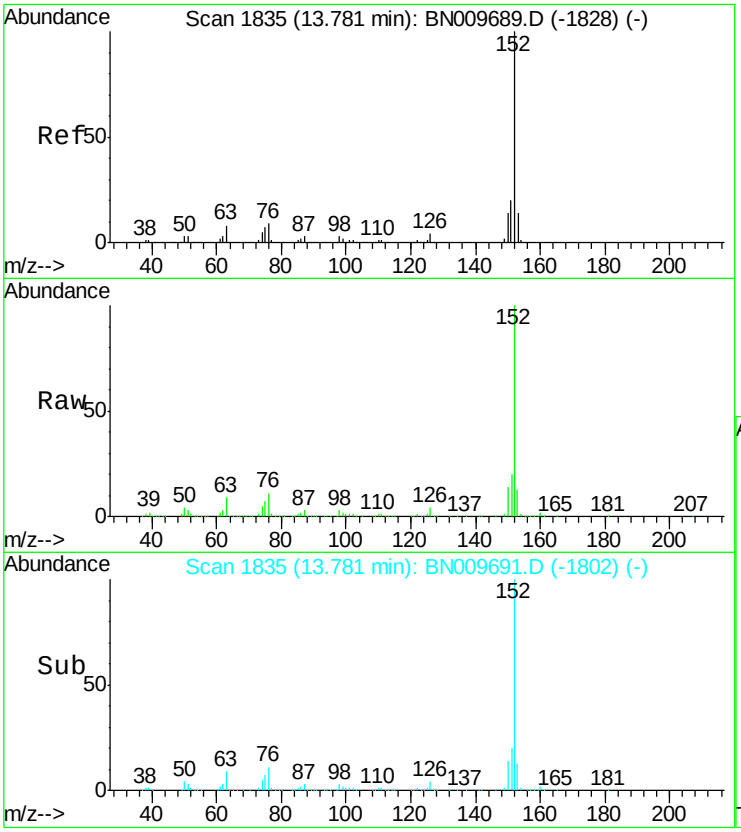
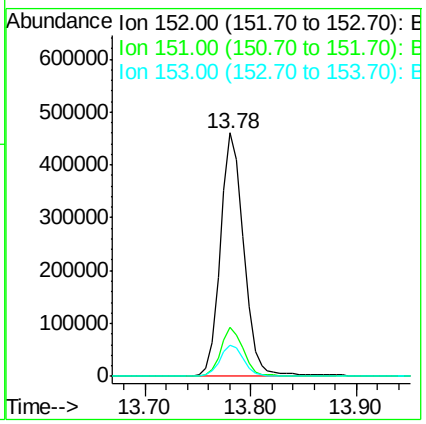




#47
Acenaphthylene
Concen: 25.366 ng/ul
RT: 13.78 min Scan# 1835
Delta R.T. -0.01 min
Lab File: BN009691.D
Acq: 10 Feb 2020 18:36

Tgt Ion:152 Resp: 710440

Ion	Ratio	Lower	Upper
152	100		
151	20.3	16.2	24.2
153	12.8	10.6	15.8



Instrument :
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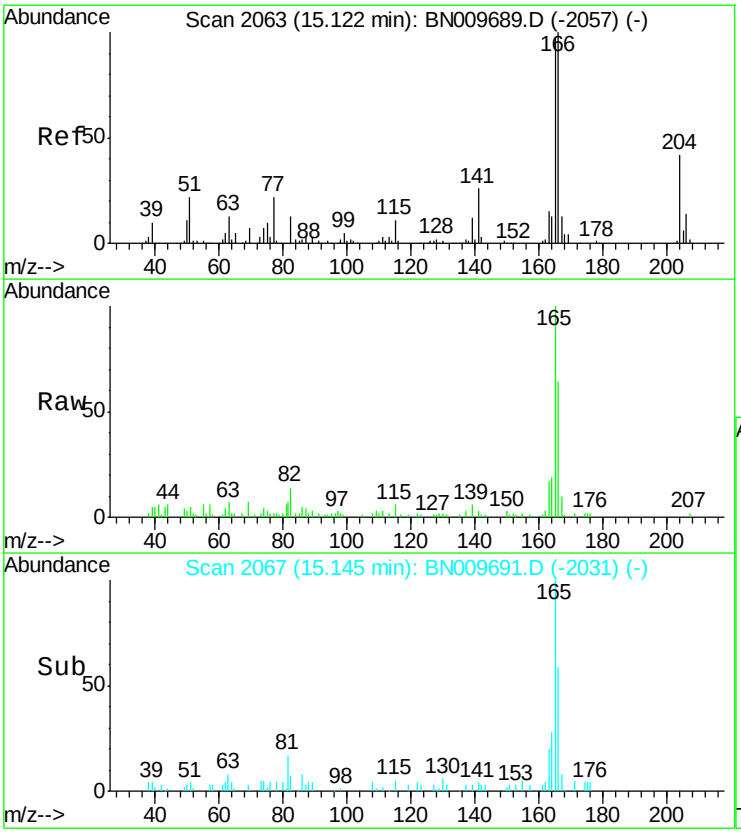
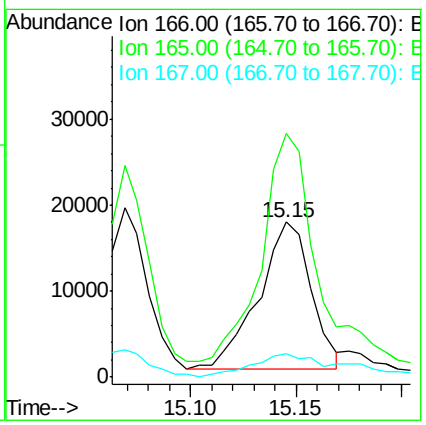
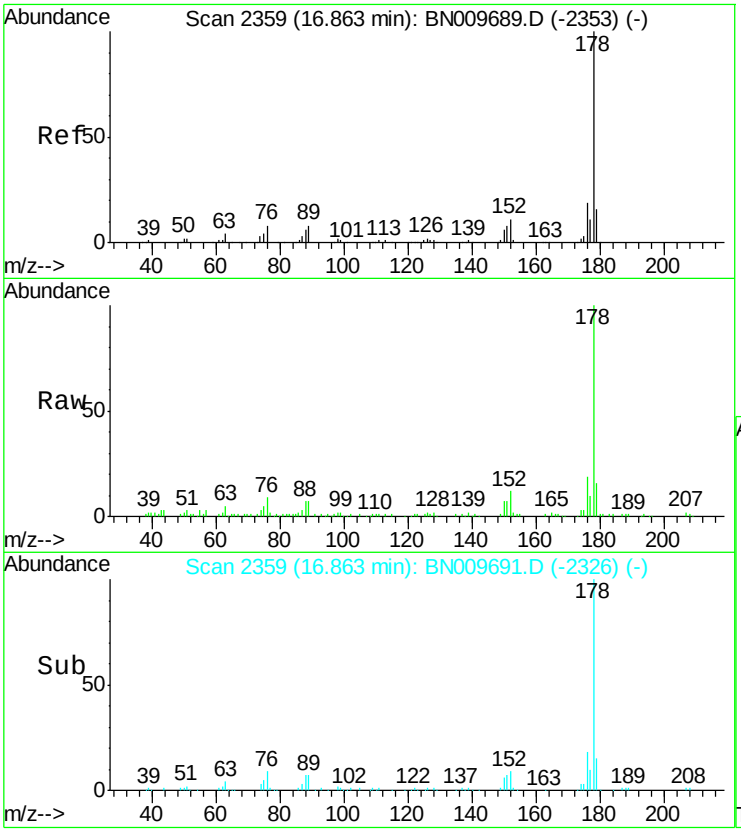


#58
Fluorene
Concen: 1.338 ng/ul
RT: 15.15 min Scan# 2067
Delta R.T. 0.01 min
Lab File: BN009691.D
Acq: 10 Feb 2020 18:36

Tgt Ion:166 Resp: 29649

Ion	Ratio	Lower	Upper
166	100		
165	157.0	76.7	115.1#
167	15.0	11.1	16.7

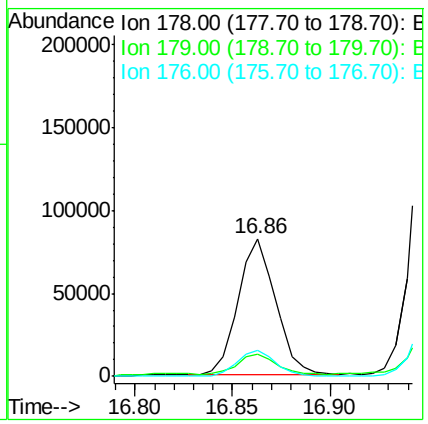




#69
Phenanthrene
Concen: 3.228 ng/ul
RT: 16.86 min Scan# 2359
Delta R.T. -0.01 min
Lab File: BN009691.D
Acq: 10 Feb 2020 18:36

Tgt Ion:178 Resp: 109669

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.2	18.2
176	18.6	14.8	22.2



Instrument :
BNA_N
ClientSampleId :
GAT69ME

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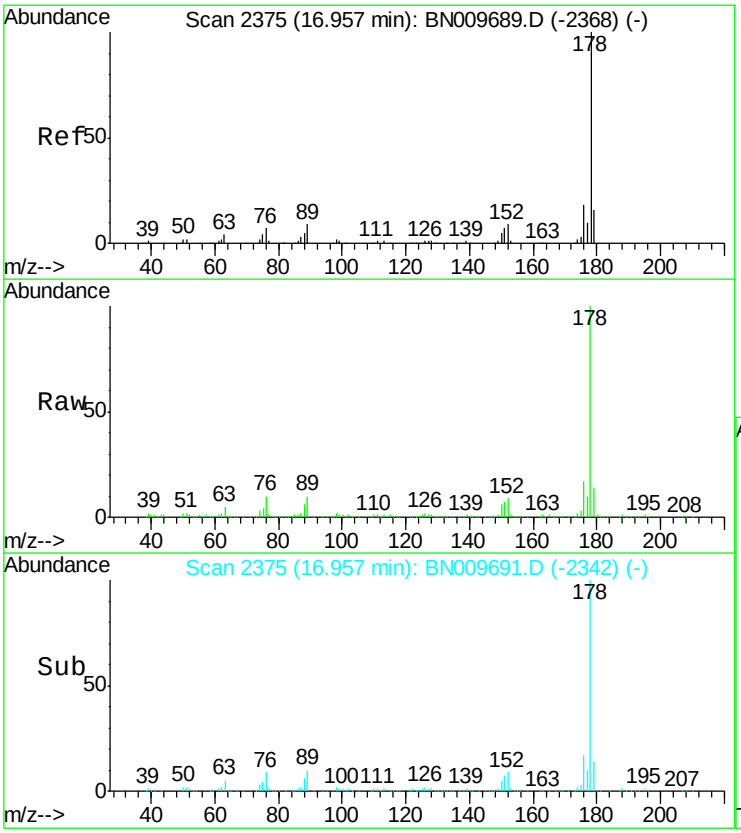
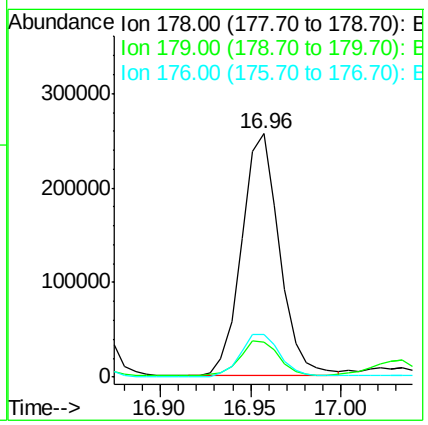
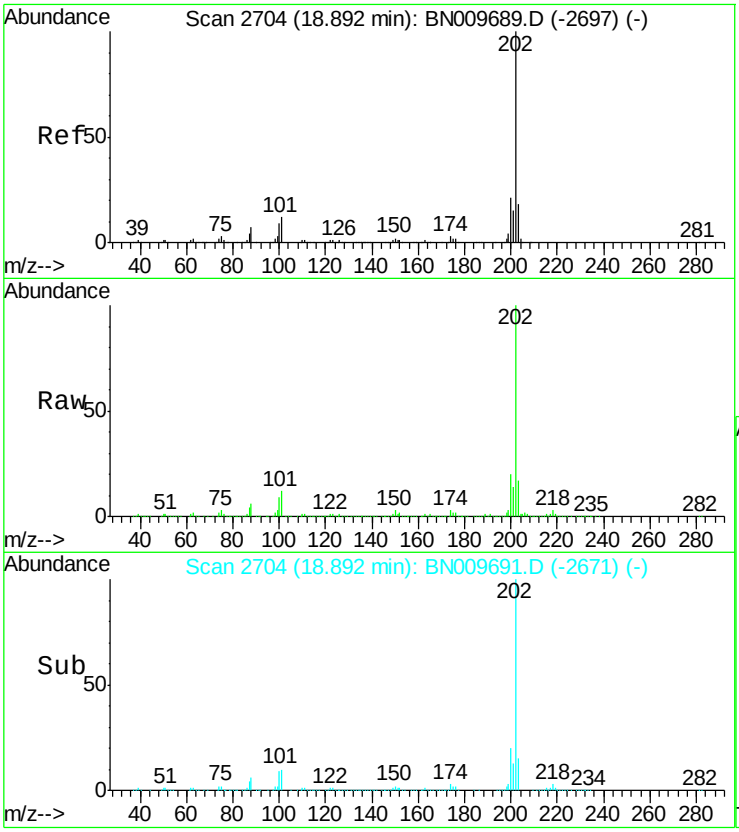


#71
Anthracene
Concen: 10.803 ng/ul
RT: 16.96 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BN009691.D
Acq: 10 Feb 2020 18:36

Tgt Ion:178 Resp: 372375

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.1	18.1
176	17.4	14.6	21.8

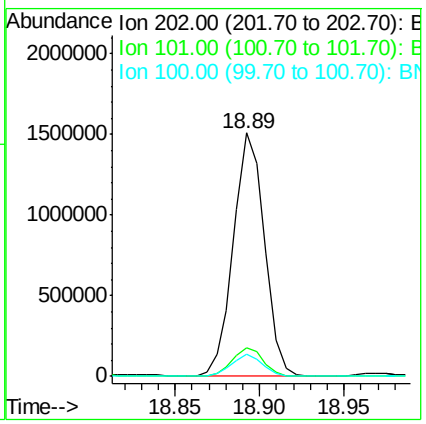




#76
Fluoranthene
Concen: 49.943 ng/ul
RT: 18.89 min Scan# 2704
Delta R.T. -0.01 min
Lab File: BN009691.D
Acq: 10 Feb 2020 18:36

Tgt Ion:202 Resp: 1936378

Ion	Ratio	Lower	Upper
202	100		
101	11.8	9.2	13.8
100	9.0	6.9	10.3



Instrument :
BNA_N
ClientSampleId :
GAT69ME

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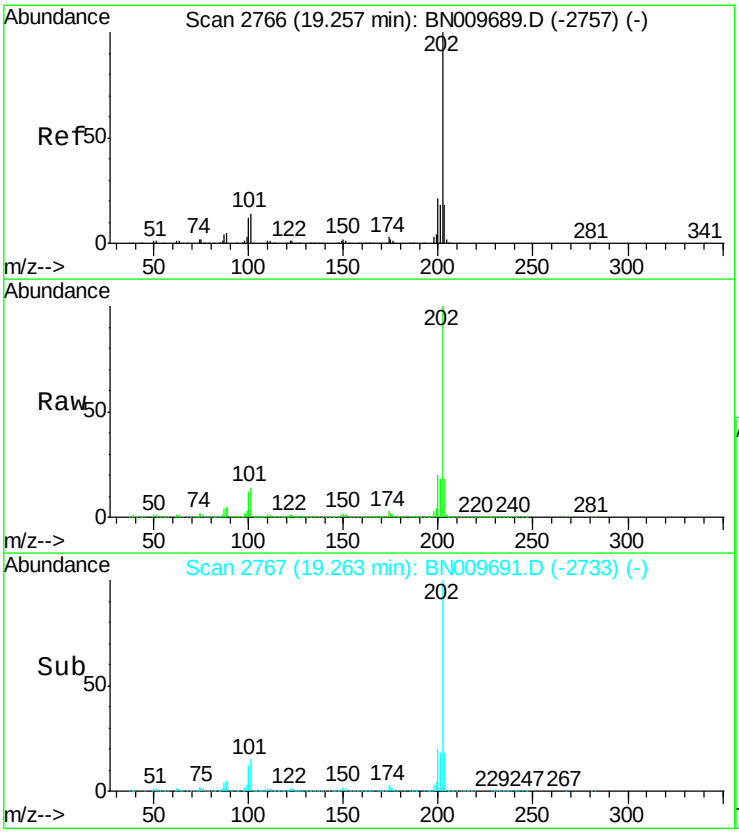
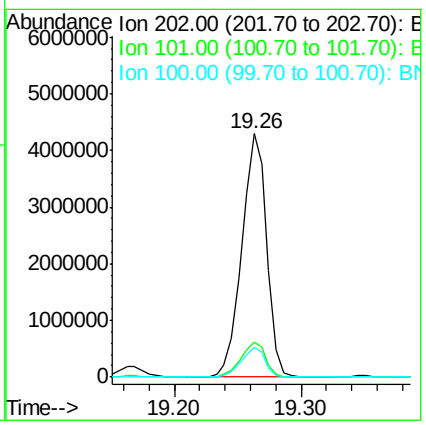
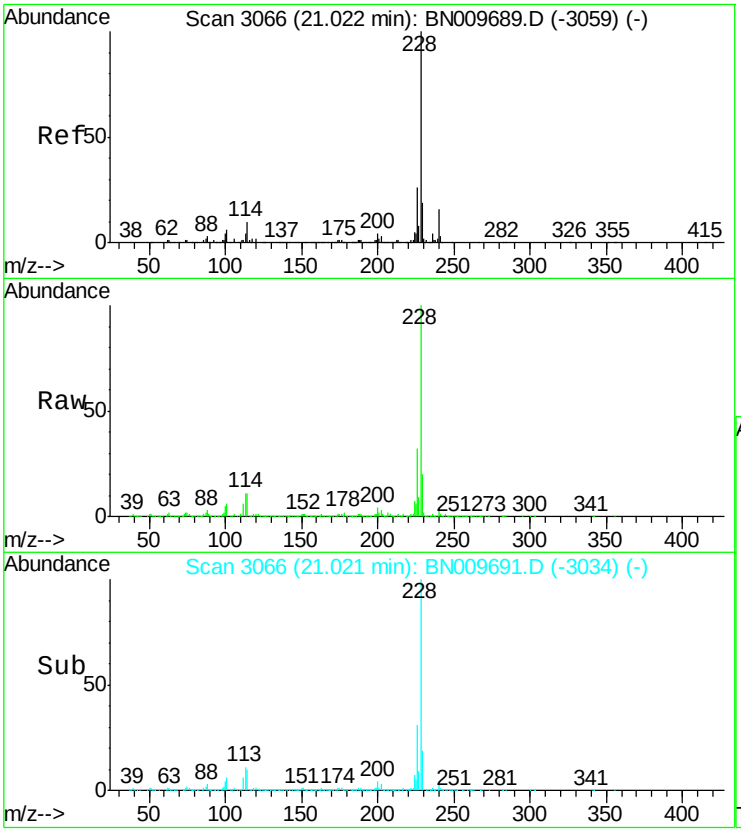


#79
Pyrene
Concen: 139.704 ng/ul
RT: 19.26 min Scan# 2767
Delta R.T. -0.00 min
Lab File: BN009691.D
Acq: 10 Feb 2020 18:36

Tgt Ion:202 Resp: 5802559

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.3	15.5
100	12.2	8.4	12.6

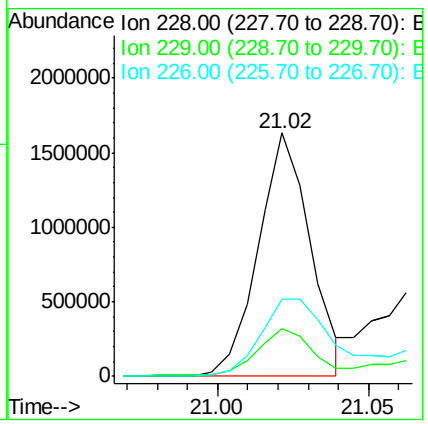




#82
Benzo(a)anthracene
Concen: 49.971 ng/ul m
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN009691.D
Acq: 10 Feb 2020 18:36

Tgt Ion:228 Resp: 1963092

Ion	Ratio	Lower	Upper
228	100		
229	19.6	15.0	22.4
226	31.7	20.9	31.3#



Instrument :
BNA_N
ClientSampleId :
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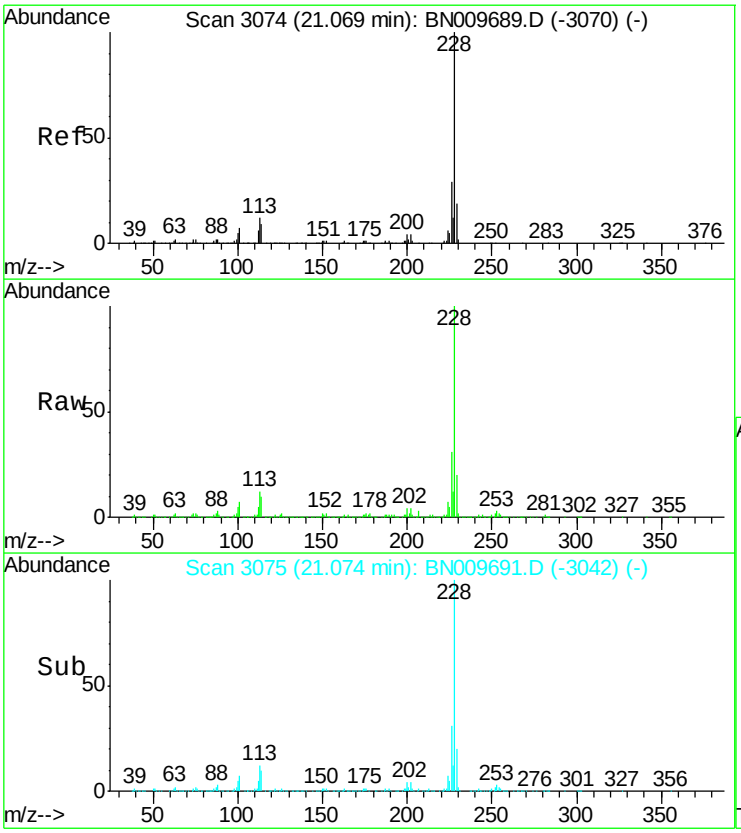
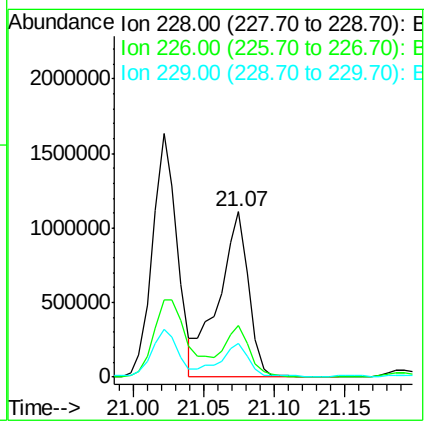
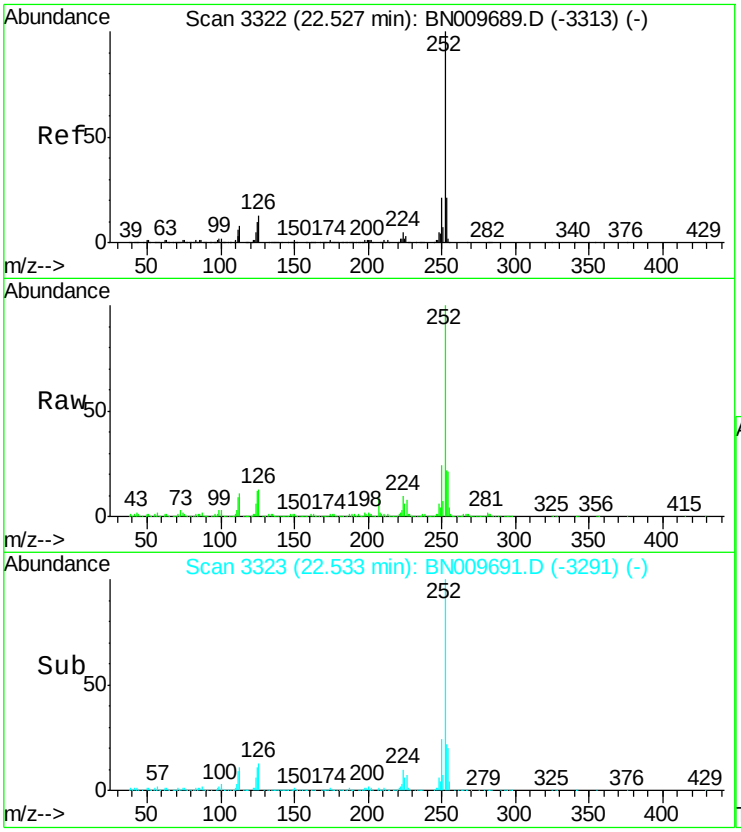


#84
Chrysene
Concen: 41.414 ng/ul
RT: 21.07 min Scan# 3075
Delta R.T. -0.01 min
Lab File: BN009691.D
Acq: 10 Feb 2020 18:36

Tgt Ion:228 Resp: 1619647

Ion	Ratio	Lower	Upper
228	100		
226	31.3	23.5	35.3
229	20.4	15.8	23.8

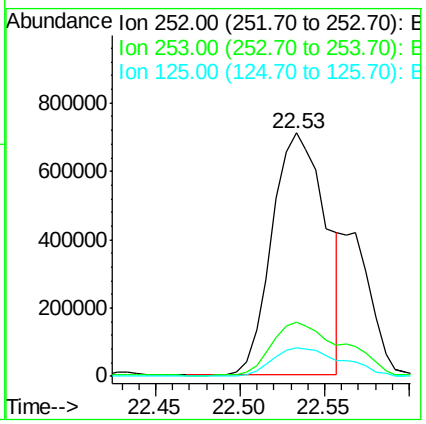




#87
Benzo(b)fluoranthene
Concen: 43.817 ng/ul
RT: 22.53 min Scan# 3323
Delta R.T. -0.01 min
Lab File: BN009691.D
Acq: 10 Feb 2020 18:36

Tgt Ion:252 Resp: 1572020

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.0	25.6
125	11.5	8.2	12.2



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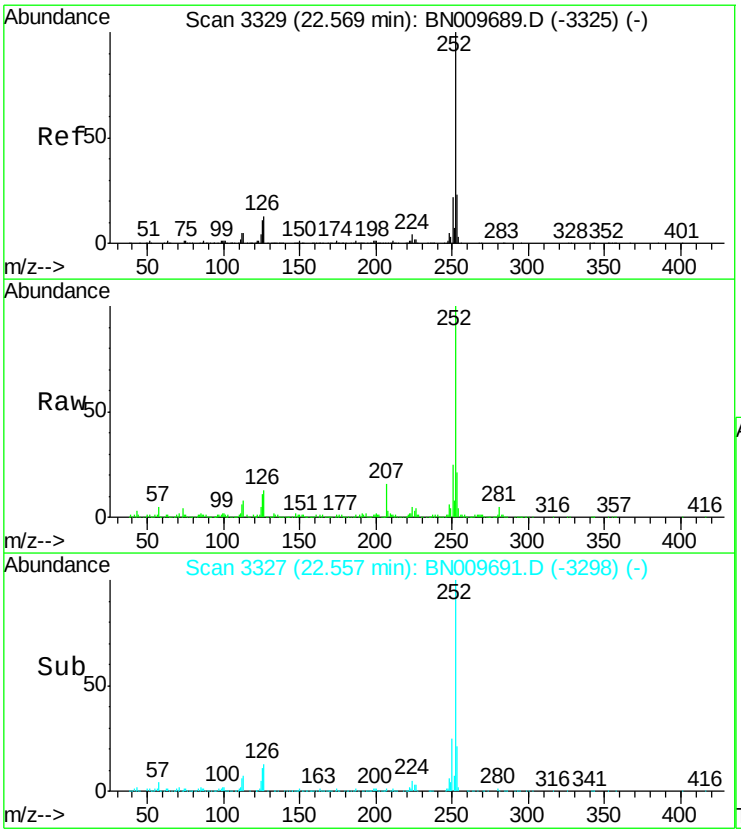
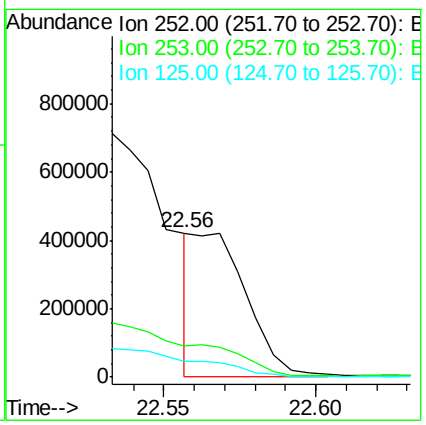
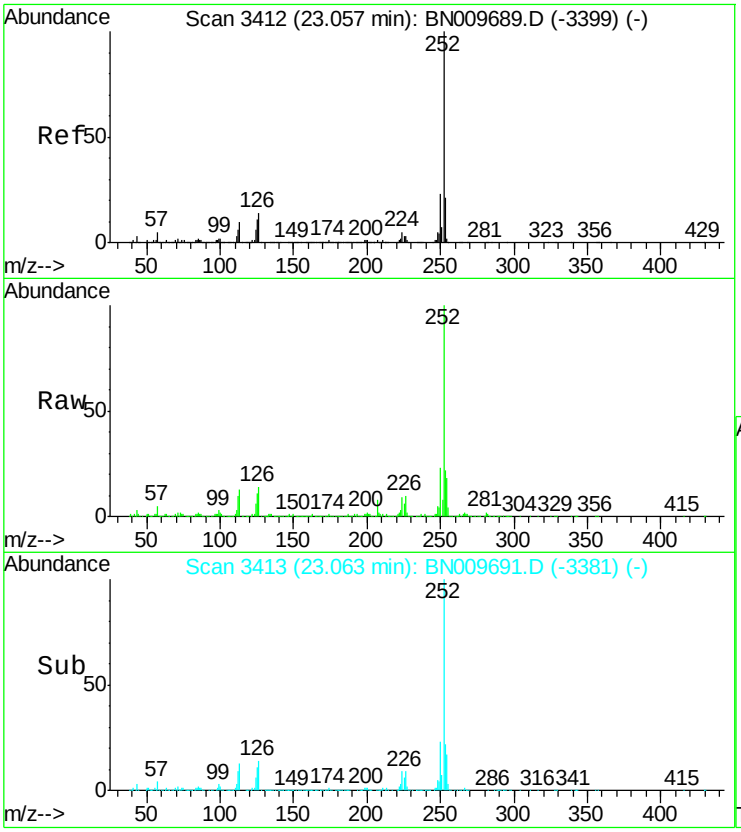


#88
Benzo(k)fluoranthene
Concen: 14.170 ng/ul m
RT: 22.56 min Scan# 3327
Delta R.T. -0.03 min
Lab File: BN009691.D
Acq: 10 Feb 2020 18:36

Tgt Ion:252 Resp: 500670

Ion	Ratio	Lower	Upper
252	100		
253	21.5	17.0	25.4
125	11.1	8.0	12.0

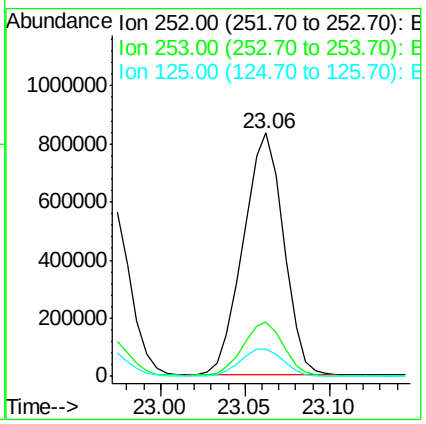




#90
Benzo(a)pyrene
Concen: 41.746 ng/ul
RT: 23.06 min Scan# 3413
Delta R.T. -0.01 min
Lab File: BN009691.D
Acq: 10 Feb 2020 18:36

Tgt Ion:252 Resp: 1387635

Ion	Ratio	Lower	Upper
252	100		
253	22.0	15.8	23.8
125	11.3	8.7	13.1



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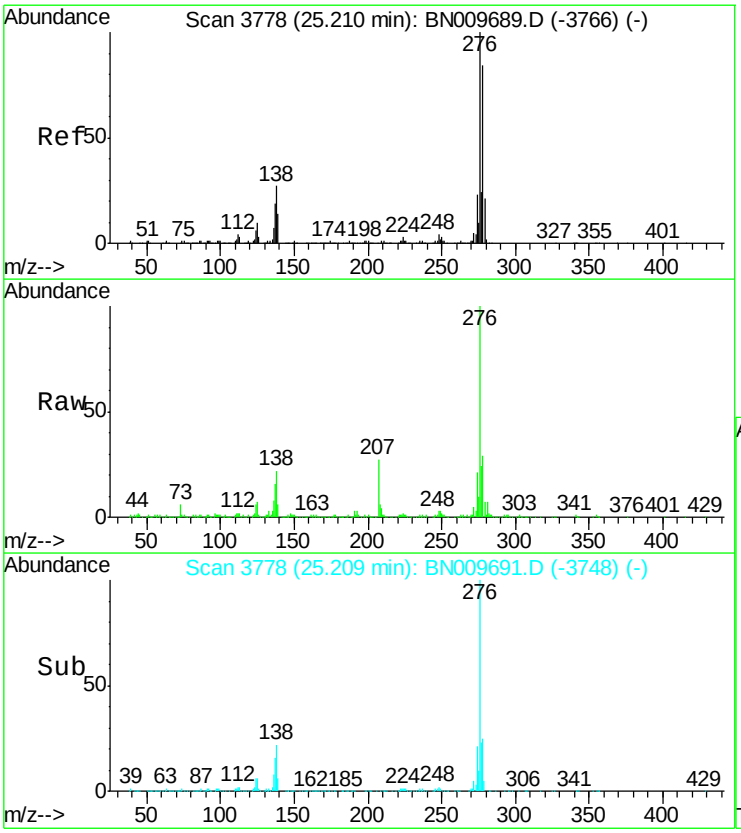
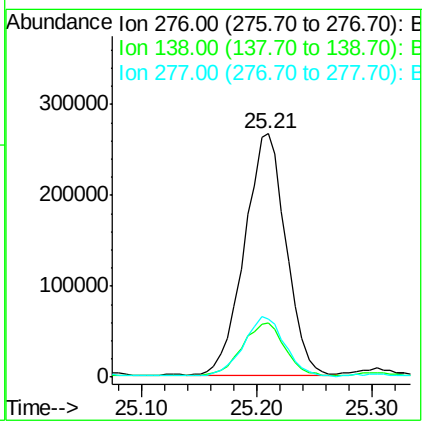
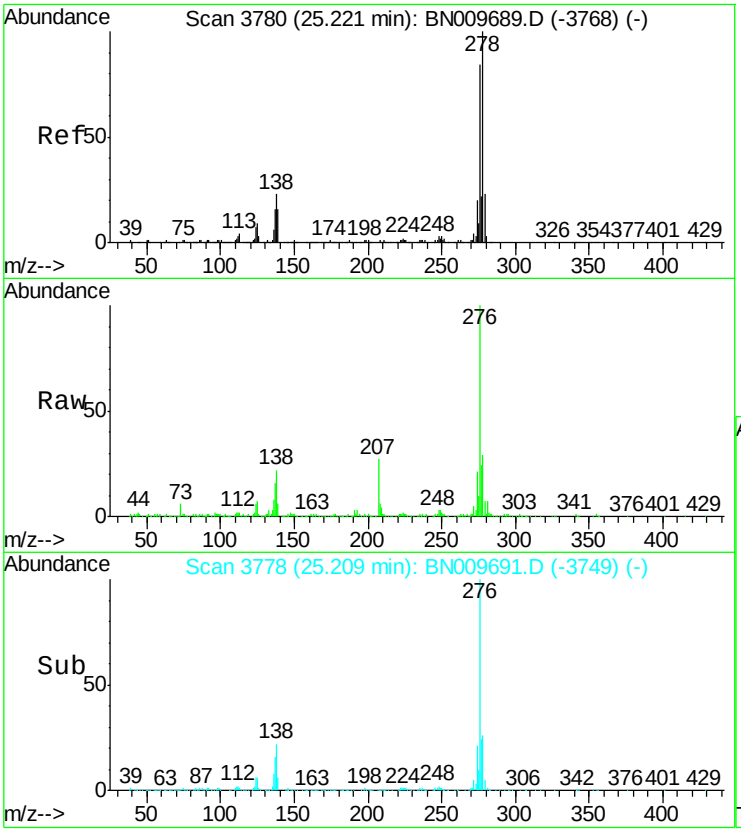


#91
Indeno(1,2,3-cd)pyrene
Concen: 16.912 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.02 min
Lab File: BN009691.D
Acq: 10 Feb 2020 18:36

Tgt Ion:276 Resp: 668359

Ion	Ratio	Lower	Upper
276	100		
138	22.2	20.3	30.5
277	23.7	21.2	31.8

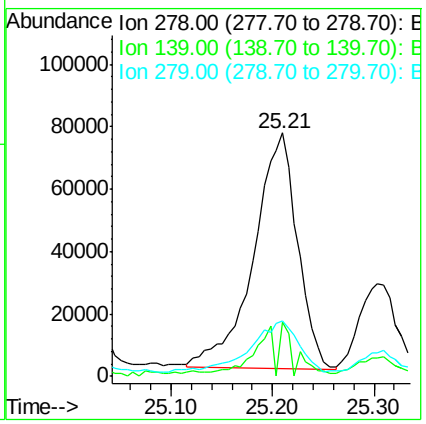




#92
Dibenzo(a,h)anthracene
Concen: 6.848 ng/ul
RT: 25.21 min Scan# 3778
Delta R.T. -0.03 min
Lab File: BN009691.D
Acq: 10 Feb 2020 18:36

Tgt Ion:278 Resp: 227793

Ion	Ratio	Lower	Upper
278	100		
139	22.0	12.7	19.1#
279	22.7	19.8	29.8



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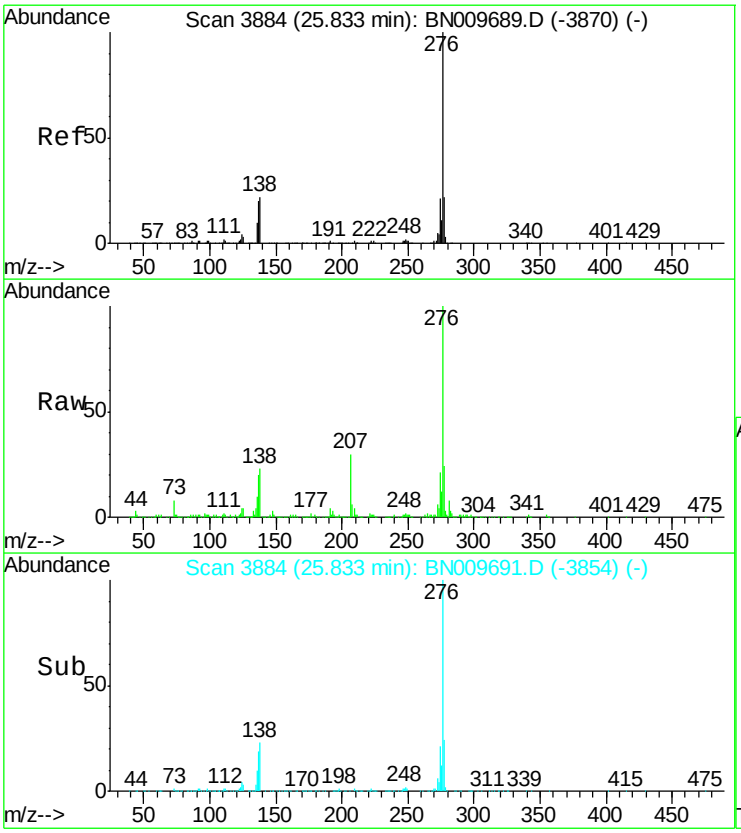

#93
Benzo(g,h,i)perylene
Concen: 18.360 ng/ul
RT: 25.83 min Scan# 3884
Delta R.T. -0.02 min
Lab File: BN009691.D
Acq: 10 Feb 2020 18:36

Tgt Ion:276 Resp: 608091

Ion	Ratio	Lower	Upper
276	100		
138	23.2	16.0	24.0
277	23.9	17.0	25.6