Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN030320\
Data File : BN010054.D
Acq On : 02 Mar 2020 23:38
Operator : CG/JU
Sample : L1615-08DL 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
DBDN2DL

Manual Integrations APPROVED
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Quant Time: Mar 03 03:04:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 01:05:31 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.37	152	71819	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	317887	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.01	164	209188	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	438872	20.00	ng/ul	0.00
78) Chrysene-d12	20.99	240	414773	20.00	ng/ul	0.00
86) Perylene-d12	23.07	264	437247	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	416	0.24	ng/uL	0.02
5) Phenol-d5	6.62	99	10502m	1.72	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.75	67	8281m	1.96	ng/ul	0.02
9) 2-Chlorophenol-d4	6.93	132	8123	1.77	ng/ul	0.02
13) 4-Methylphenol-d8	8.12	113	8492m	1.75	ng/ul	0.04
19) Nitrobenzene-d5	8.54	128	3448m	1.48	ng/ul	0.03
22) 2-Nitrophenol-d4	9.25	143	2974m	1.17	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.83	165	8504m	1.74	ng/ul	0.08
29) 4-Chloroaniline-d4	10.35	131	3410m	0.62	ng/ul	0.08
44) Dimethylphthalate-d6	13.45	166	33361	2.14	ng/ul	0.02
47) Acenaphthylene-d8	13.70	160	34512	1.88	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	1821m	0.64	ng/ul	0.09
58) Fluorene-d10	15.02	176	28789	2.13	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.20	200	1477m	0.54	ng/ul	0.02
71) Anthracene-d10	16.87	188	46398	2.31	ng/ul	0.00
79) Pyrene-d10	19.17	212	50662	2.34	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.94	264	52015	2.38	ng/ul	0.00
Target Compounds						Qvalue
48) Acenaphthylene	13.73	152	21330	1.071	ng/ul	97
70) Phenanthrene	16.81	178	147548	5.891	ng/ul	98
72) Anthracene	16.90	178	184794	7.217	ng/ul	99
77) Fluoranthene	18.84	202	834186	28.433	ng/ul	98
80) Pyrene	19.20	202	1164377	38.938	ng/ul	98
83) Benzo(a)anthracene	20.97	228	370878	13.012	ng/ul	95
85) Chrysene	21.02	228	501640	17.877	ng/ul	99
88) Benzo(b)fluoranthene	22.47	252	550564	19.421	ng/ul	97
89) Benzo(k)fluoranthene	22.50	252	190895	7.111	ng/ul	98
91) Benzo(a)pyrene	22.99	252	264218	10.362	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.12	276	115081	3.802	ng/ul	99
93) Dibenzo(a,h)anthracene	25.10	278	30993	1.197	ng/ul#	89
94) Benzo(g,h,i)perylene	25.73	276	66159	2.606	ng/ul	98

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

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Misc :
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Quant Title : SVOA CALIBRATION
QLast Update : Tue Mar 03 01:05:31 2020
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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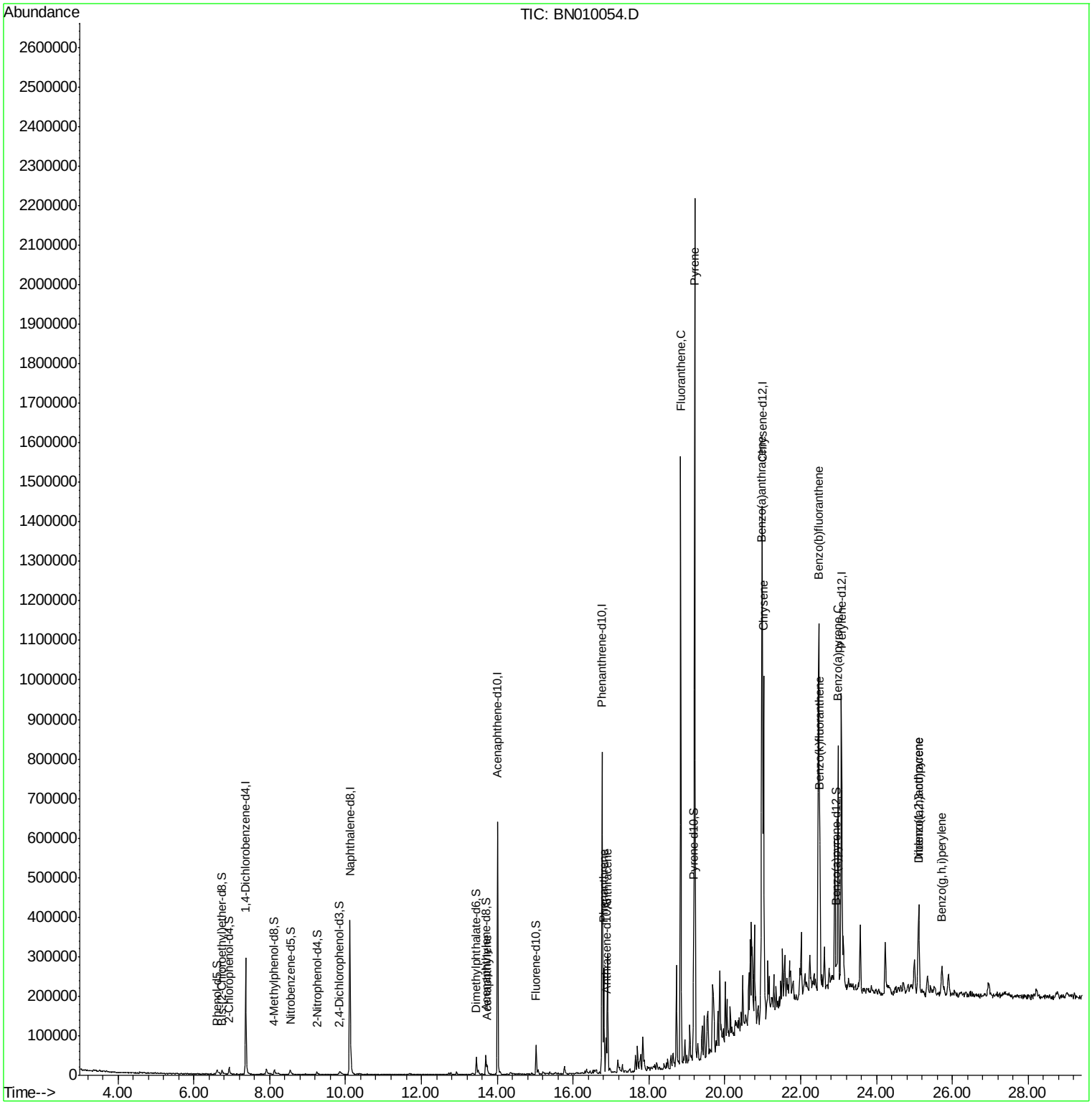
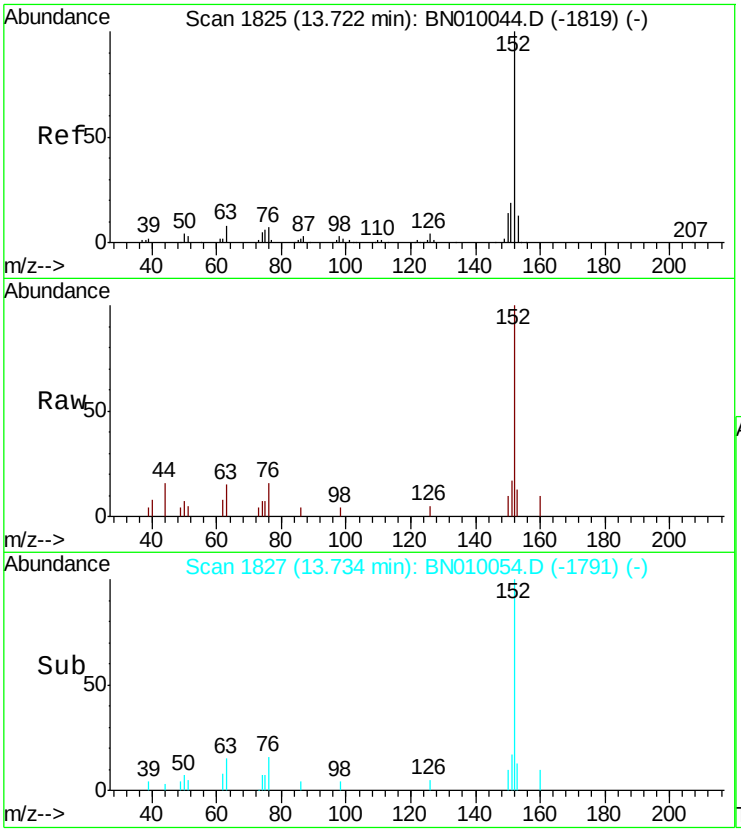
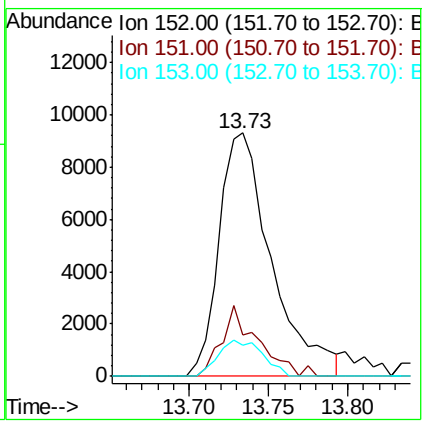




#48
Acenaphthylene
Concen: 1.071 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. 0.01 min
Lab File: BN010054.D
Acq: 02 Mar 2020 23:38

Tgt Ion:152 Resp: 21330

Ion	Ratio	Lower	Upper
152	100		
151	17.2	15.7	23.5
153	12.8	10.3	15.5



Instrument :
BNA_N
ClientSampleId :
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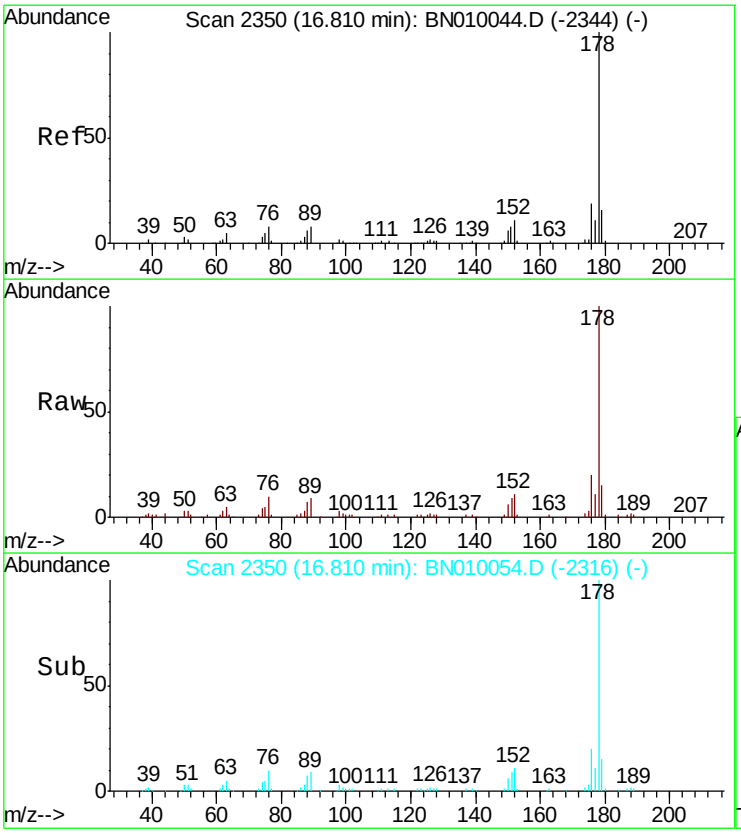
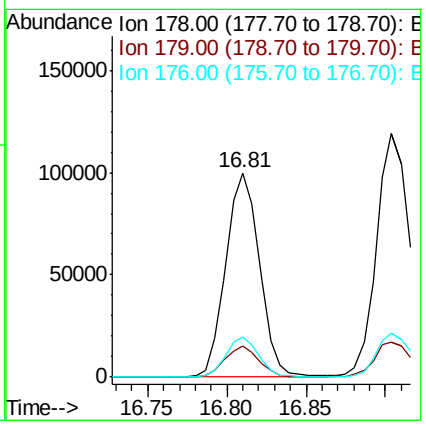
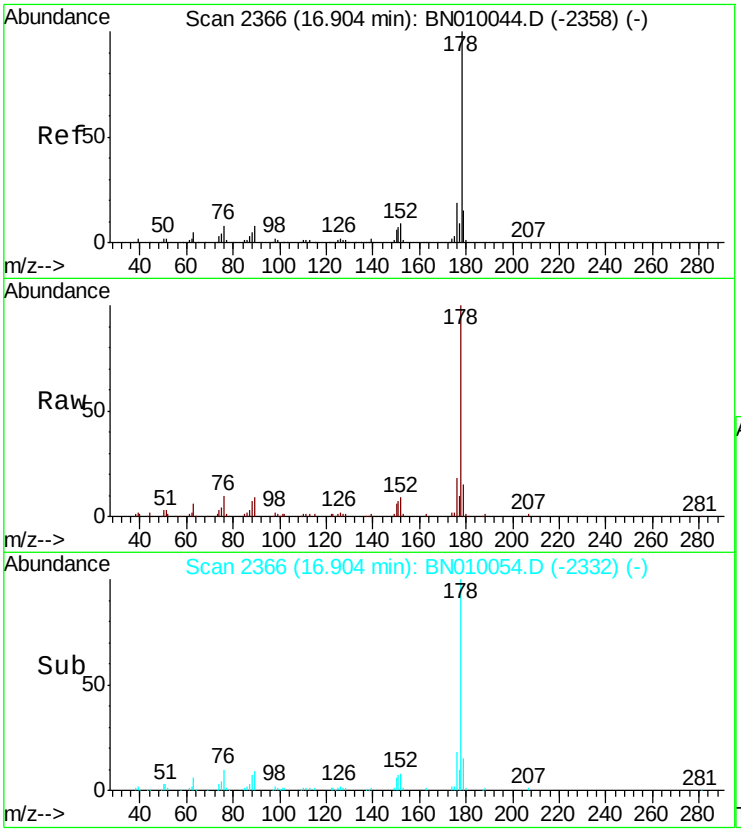


#70
Phenanthrene
Concen: 5.891 ng/ul
RT: 16.81 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BN010054.D
Acq: 02 Mar 2020 23:38

Tgt Ion:178 Resp: 147548

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.5	18.7
176	19.7	14.6	22.0

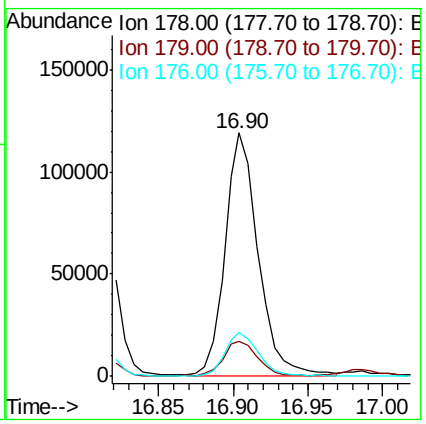




#72
Anthracene
Concen: 7.217 ng/ul
RT: 16.90 min Scan# 2366
Delta R.T. 0.00 min
Lab File: BN010054.D
Acq: 02 Mar 2020 23:38

Tgt Ion:178 Resp: 184794

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.2	18.2
176	18.2	14.6	21.8



Instrument :
BNA_N
ClientSampleId :
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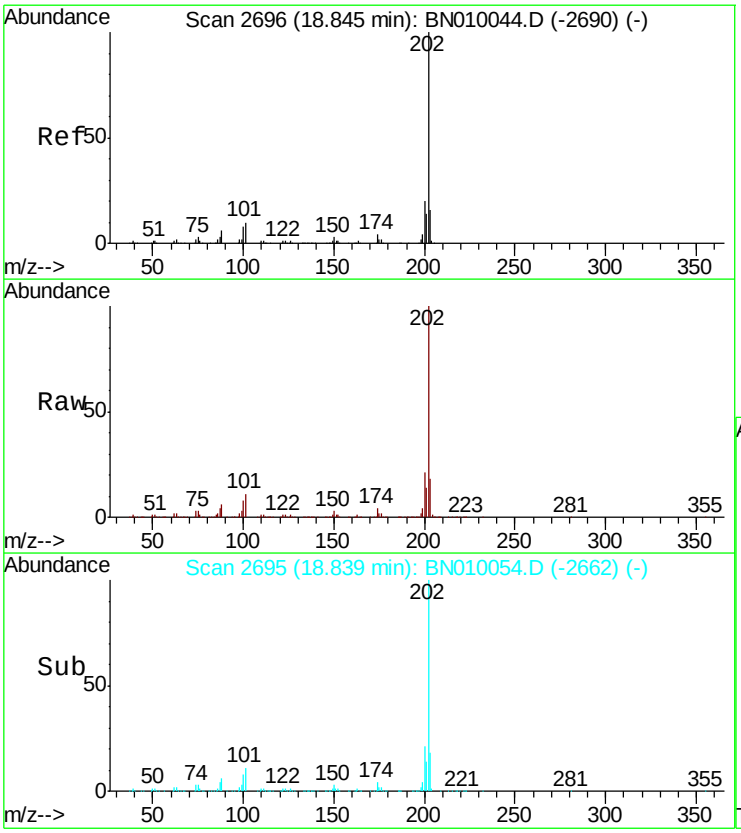
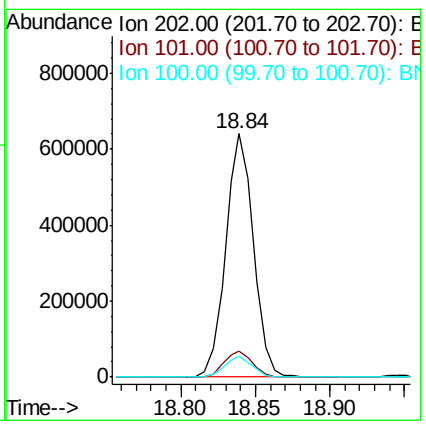
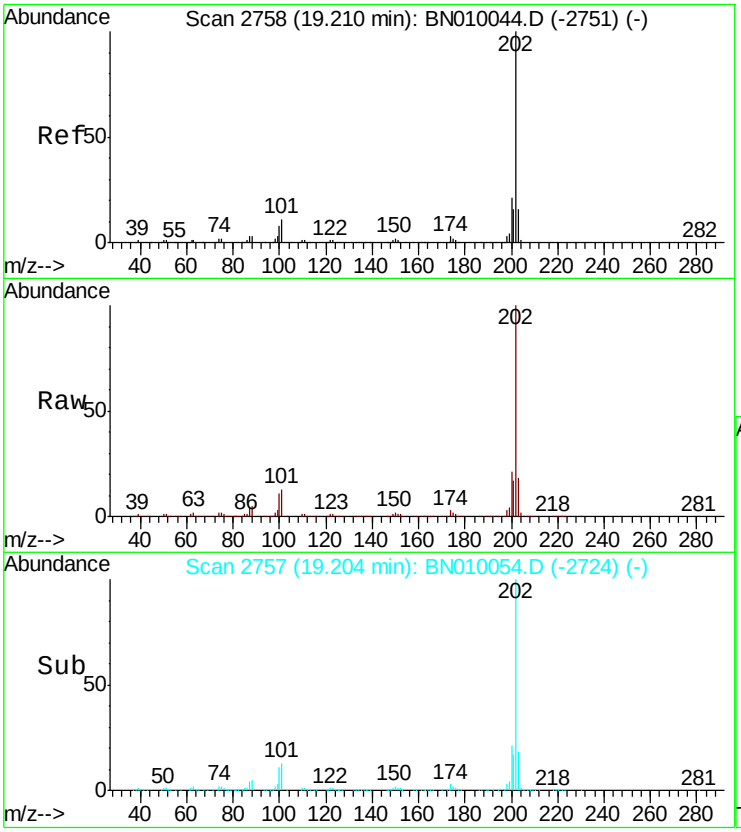


#77
Fluoranthene
Concen: 28.433 ng/ul
RT: 18.84 min Scan# 2695
Delta R.T. -0.01 min
Lab File: BN010054.D
Acq: 02 Mar 2020 23:38

Tgt Ion:202 Resp: 834186

Ion	Ratio	Lower	Upper
202	100		
101	10.6	9.4	14.2
100	8.4	7.2	10.8

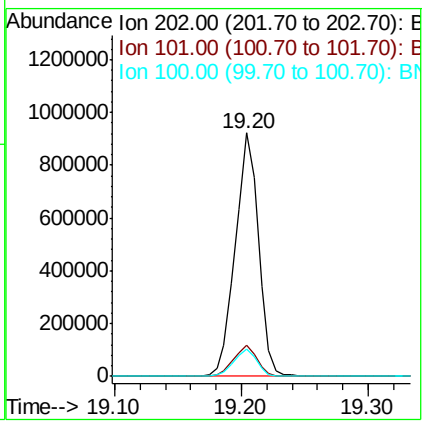




#80
Pyrene
Concen: 38.938 ng/ul
RT: 19.20 min Scan# 2757
Delta R.T. -0.01 min
Lab File: BN010054.D
Acq: 02 Mar 2020 23:38

Tgt Ion:202 Resp: 1164377

Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.3	16.9
100	11.3	9.0	13.6



Instrument :
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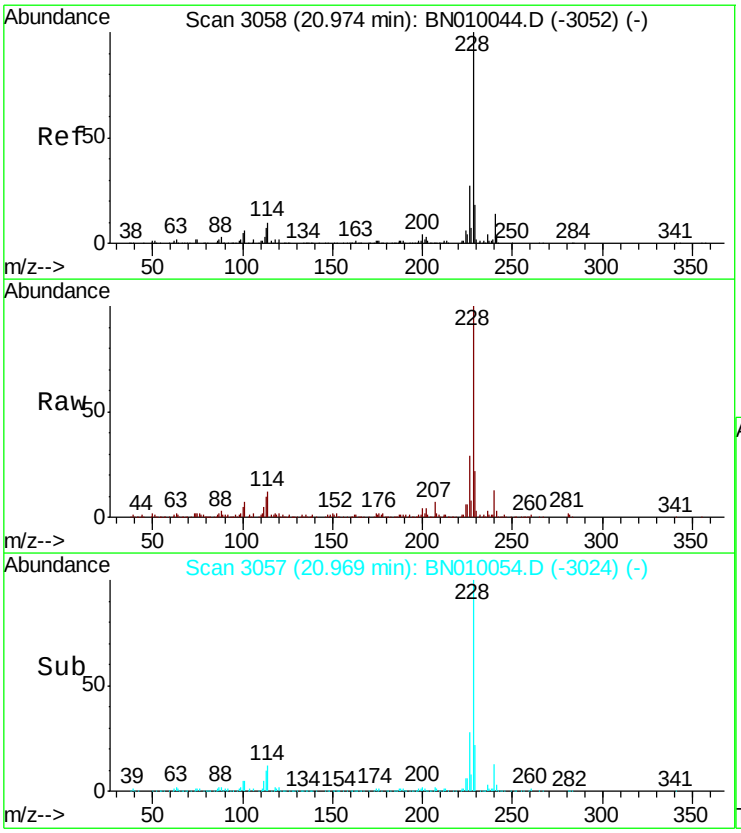
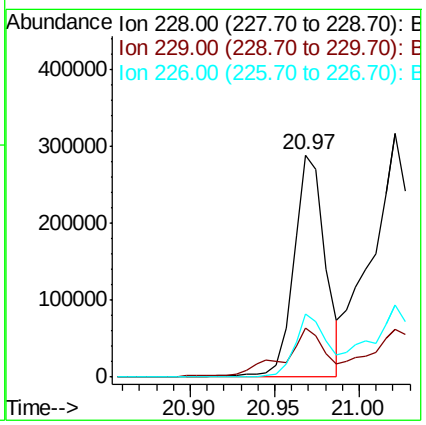
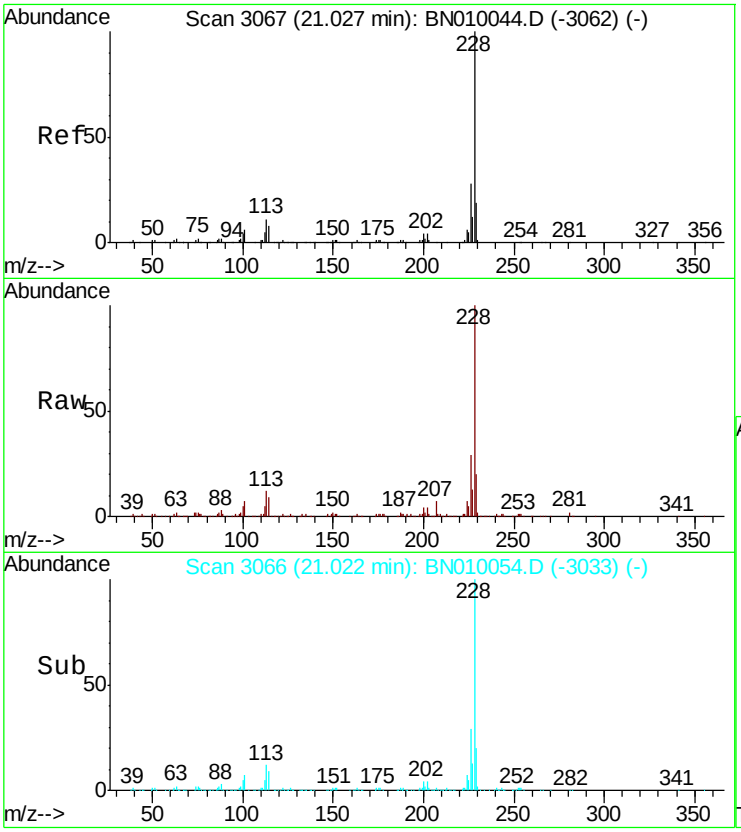


#83
Benzo(a)anthracene
Concen: 13.012 ng/ul
RT: 20.97 min Scan# 3057
Delta R.T. -0.01 min
Lab File: BN010054.D
Acq: 02 Mar 2020 23:38

Tgt Ion:228 Resp: 370878

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.0	22.4
226	28.6	21.4	32.2

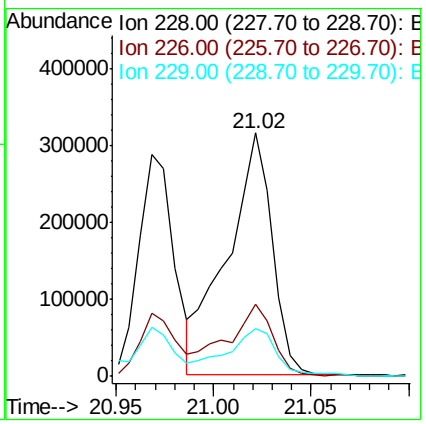




#85
Chrysene
Concen: 17.877 ng/ul
RT: 21.02 min Scan# 3066
Delta R.T. -0.01 min
Lab File: BN010054.D
Acq: 02 Mar 2020 23:38

Tgt Ion:228 Resp: 501640

Ion	Ratio	Lower	Upper
228	100		
226	29.4	23.4	35.2
229	19.9	15.0	22.4



Instrument :
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ClientSampleId :
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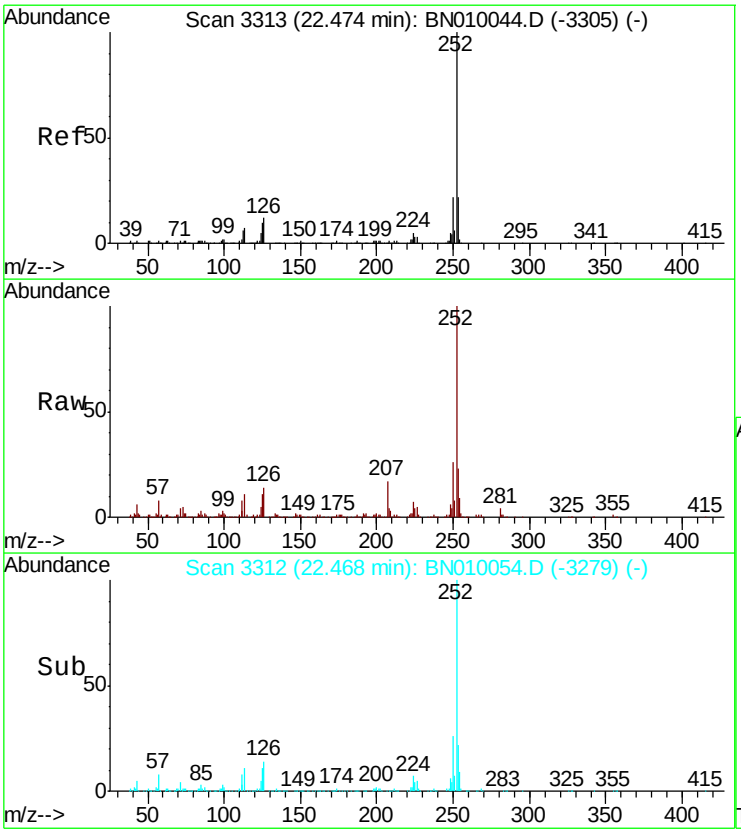
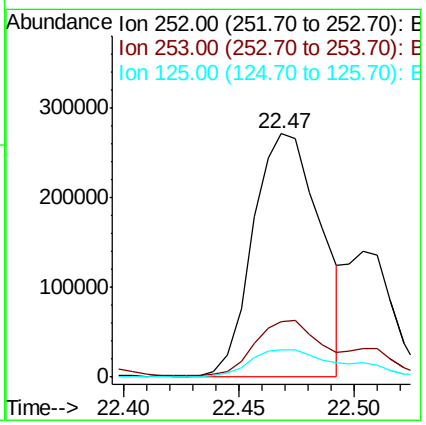
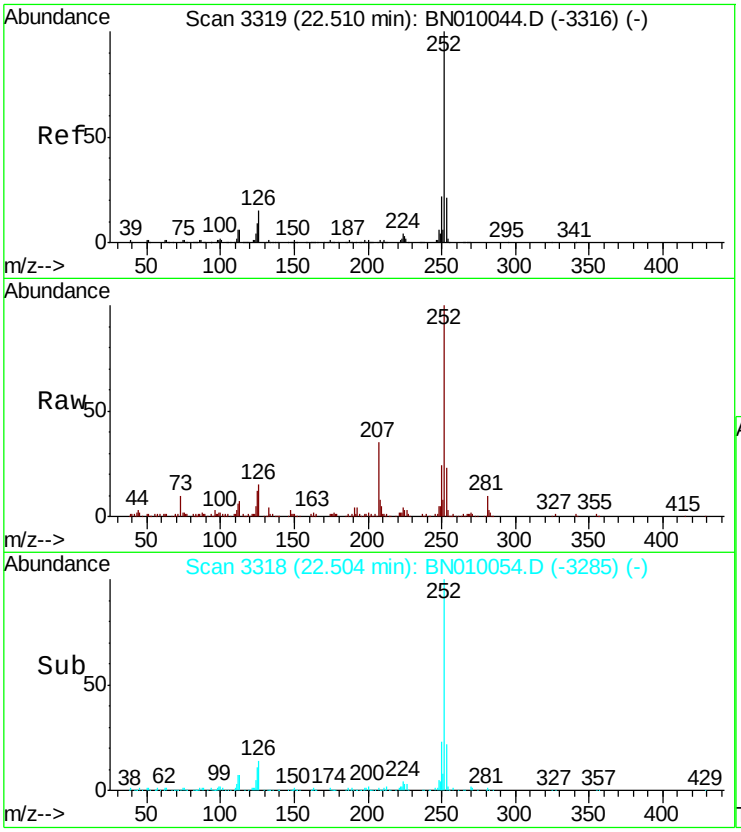


#88
Benzo(b)fluoranthene
Concen: 19.421 ng/ul
RT: 22.47 min Scan# 3312
Delta R.T. -0.01 min
Lab File: BN010054.D
Acq: 02 Mar 2020 23:38

Tgt Ion:252 Resp: 550564

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.0	25.4
125	11.3	8.0	12.0

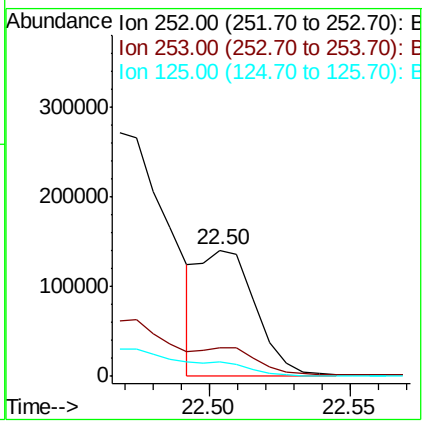




#89
Benzo(k)fluoranthene
Concen: 7.111 ng/ul
RT: 22.50 min Scan# 3318
Delta R.T. -0.01 min
Lab File: BN010054.D
Acq: 02 Mar 2020 23:38

Tgt Ion:252 Resp: 190895

Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	11.5	8.2	12.2



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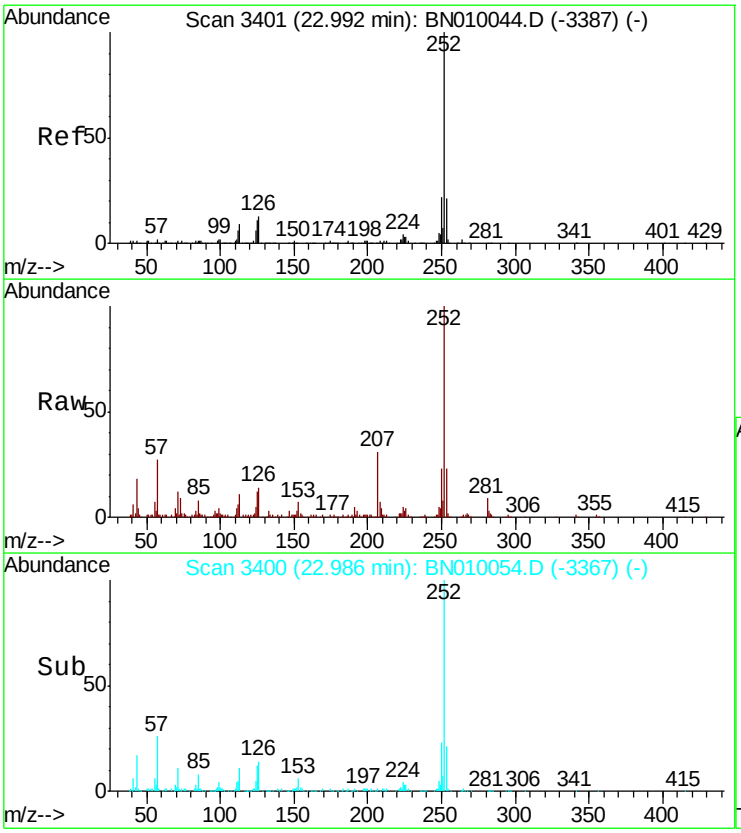
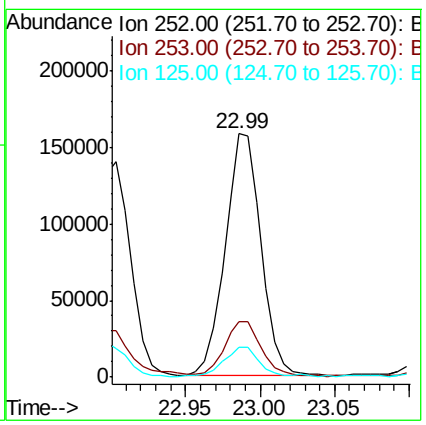
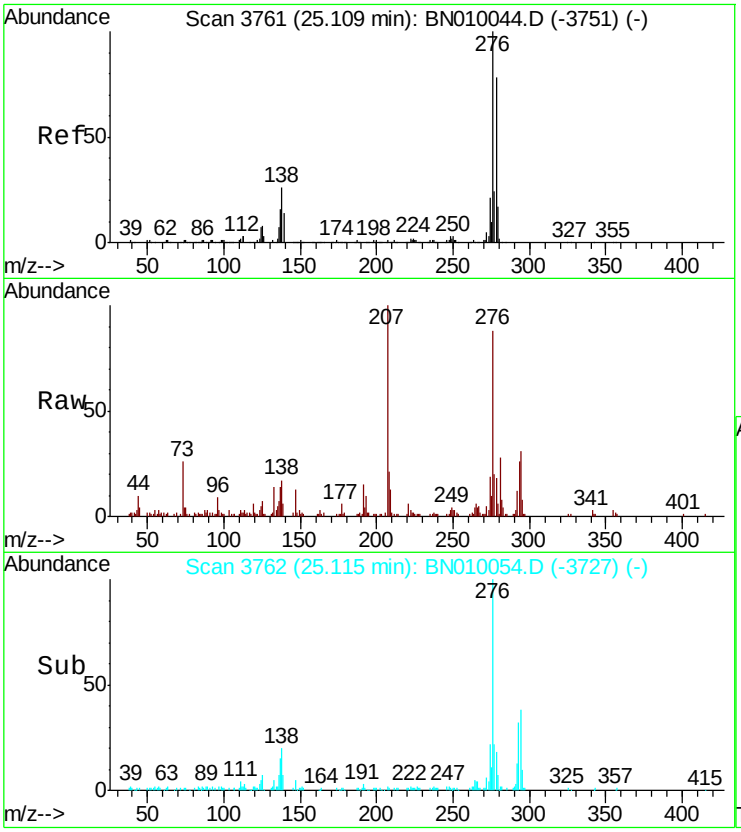


#91
Benzo(a)pyrene
Concen: 10.362 ng/ul
RT: 22.99 min Scan# 3400
Delta R.T. -0.01 min
Lab File: BN010054.D
Acq: 02 Mar 2020 23:38

Tgt Ion:252 Resp: 264218

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.0
125	12.1	9.0	13.6

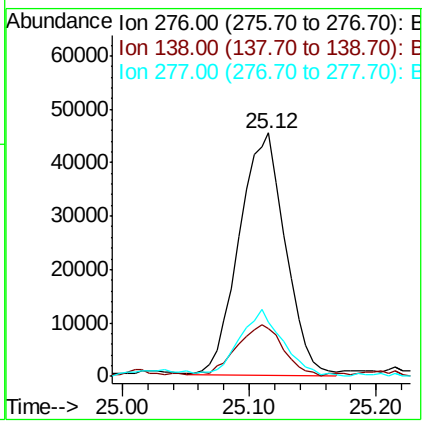




#92
Indeno(1,2,3-cd)pyrene
Concen: 3.802 ng/ul
RT: 25.12 min Scan# 3762
Delta R.T. 0.01 min
Lab File: BN010054.D
Acq: 02 Mar 2020 23:38

Tgt Ion:276 Resp: 115081

Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.9	31.3
277	22.2	18.2	27.4



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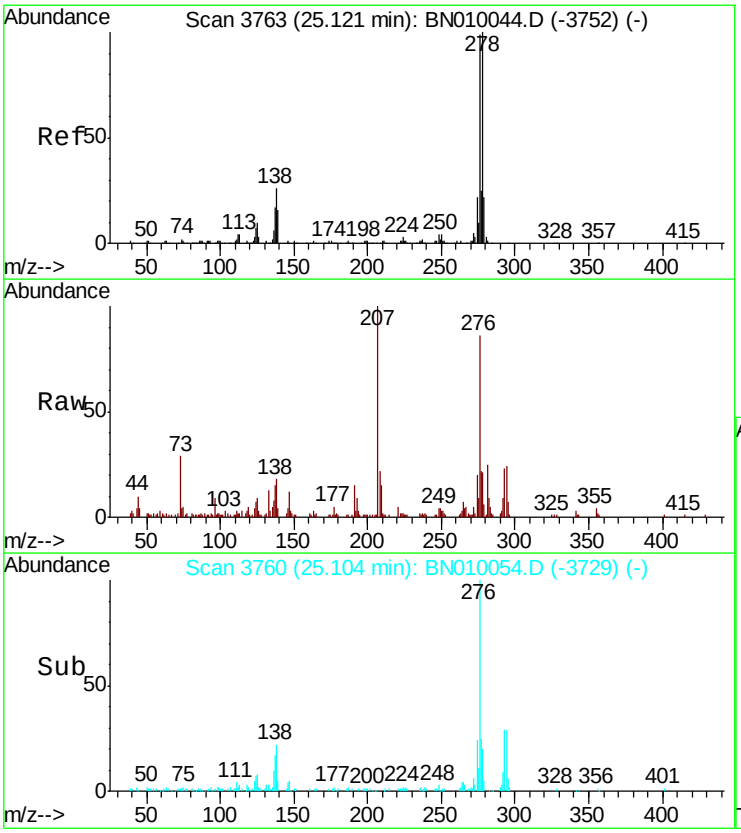
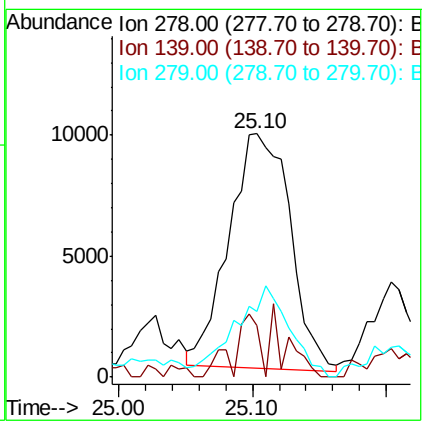
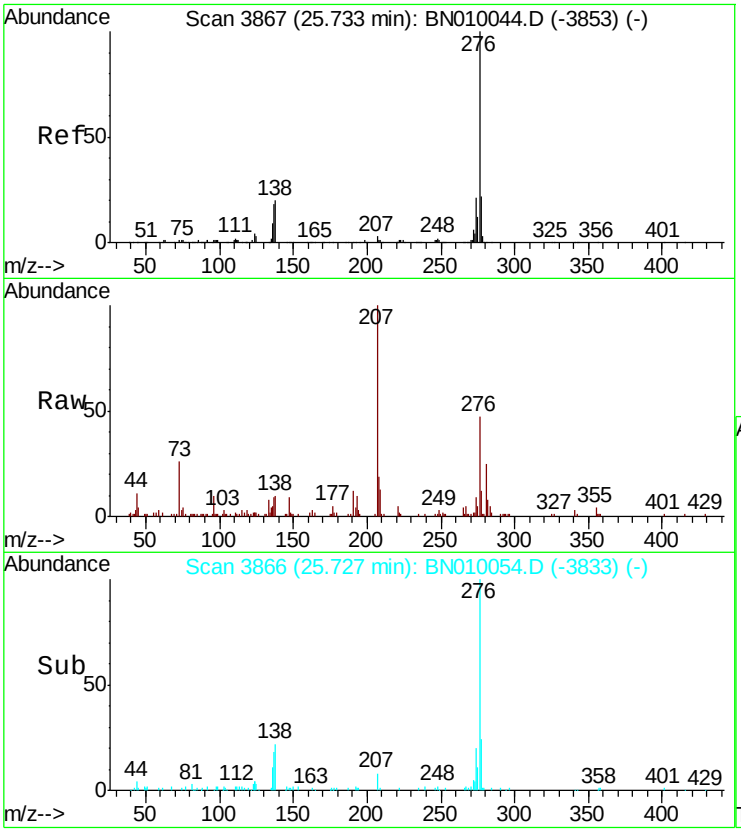


#93
Dibenzo(a,h)anthracene
Concen: 1.197 ng/ul
RT: 25.10 min Scan# 3760
Delta R.T. -0.02 min
Lab File: BN010054.D
Acq: 02 Mar 2020 23:38

Tgt Ion:278 Resp: 30993

Ion	Ratio	Lower	Upper
278	100		
139	21.3	13.0	19.4#
279	27.2	17.5	26.3#

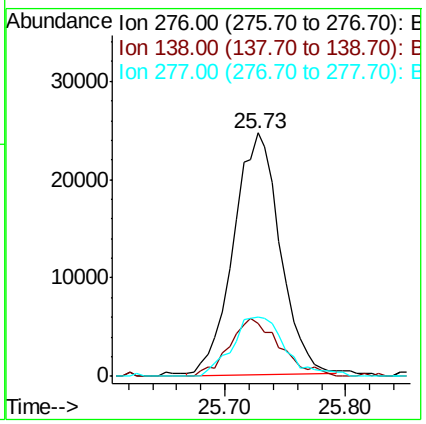




#94
Benzo(g,h,i)perylene
Concen: 2.606 ng/ul
RT: 25.73 min Scan# 3866
Delta R.T. -0.01 min
Lab File: BN010054.D
Acq: 02 Mar 2020 23:38

Tgt Ion:276 Resp: 66159

Ion	Ratio	Lower	Upper
276	100		
138	21.7	17.5	26.3
277	24.6	18.1	27.1



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