Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062319\
Data File : BM021113.D
Acq On : 23 Jun 2019 00:06
Operator : HP/JU
Sample : K3335-22
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 25 04:44:08 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 20 03:45:02 2019
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : A41Y0

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	265595	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.56	136	1128959	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.42	164	676215	20.00	ng/ul	-0.01
61) Phenanthrene-d10	17.16	188	1399920	20.00	ng/ul	-0.01
77) Chrysene-d12	21.34	240	1137701	20.00	ng/ul	-0.02
85) Perylene-d12	23.61	264	1299186	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	18218	3.26	ng/uL	0.00
5) Phenol-d5	6.94	99	340783	14.74	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.12	67	254755	18.50	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.30	132	303843	16.17	ng/ul	-0.02
13) 4-Methylphenol-d8	8.47	113	260442	13.50	ng/ul	-0.02
19) Nitrobenzene-d5	8.93	128	170259	18.57	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.65	143	188035	18.48	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.18	165	327544	15.83	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.71	131	377213	17.48	ng/ul	-0.01
43) Dimethylphthalate-d6	13.83	166	1191290	19.50	ng/ul	-0.01
46) Acenaphthylene-d8	14.10	160	1268045	16.95	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.62	143	97518	9.81	ng/ul	-0.01
57) Fluorene-d10	15.41	176	940980	17.71	ng/ul	-0.01
62) 4,6-Dinitro-2-methylphenol	15.53	200	108761	12.64	ng/ul	-0.01
70) Anthracene-d10	17.26	188	1207033	16.59	ng/ul	-0.02
78) Pyrene-d10	19.55	212	1286205	18.84	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.47	264	1358230	17.72	ng/ul	-0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.93	77	22508	2.136	ng/ul	94
44) Dimethylphthalate	13.87	163	1188769	21.373	ng/ul	99
58) Fluorene	15.46	166	62750	1.155	ng/ul	96
69) Phenanthrene	17.20	178	790276	10.207	ng/ul	99
71) Anthracene	17.29	178	197740	2.506	ng/ul	100
76) Fluoranthene	19.22	202	830227	9.924	ng/ul	99
79) Pyrene	19.58	202	677771	8.427	ng/ul	99
82) Benzo(a)anthracene	21.32	228	328009	4.229	ng/ul	99
84) Chrysene	21.37	228	286179	3.940	ng/ul	97
87) Benzo(b)fluoranthene	22.93	252	314091	3.817	ng/ul	97
88) Benzo(k)fluoranthene	22.97	252	129645m	1.637	ng/ul	
90) Benzo(a)pyrene	23.51	252	229666	2.965	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.90	276	143211	1.570	ng/ul	97
93) Benzo(g,h,i)perylene	26.60	276	109182	1.453	ng/ul	96

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

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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
A41Y0

Manual Integrations APPROVED
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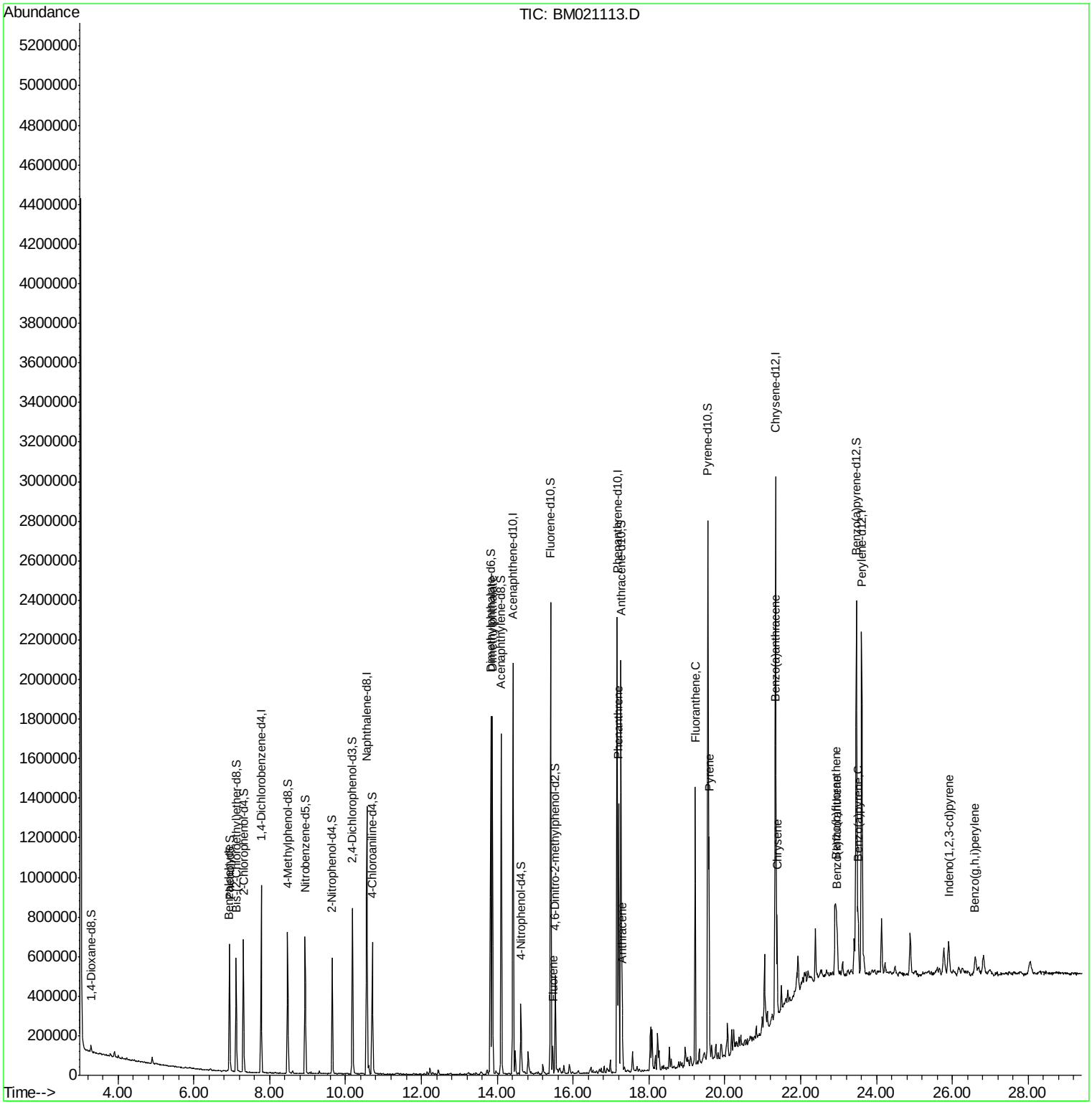
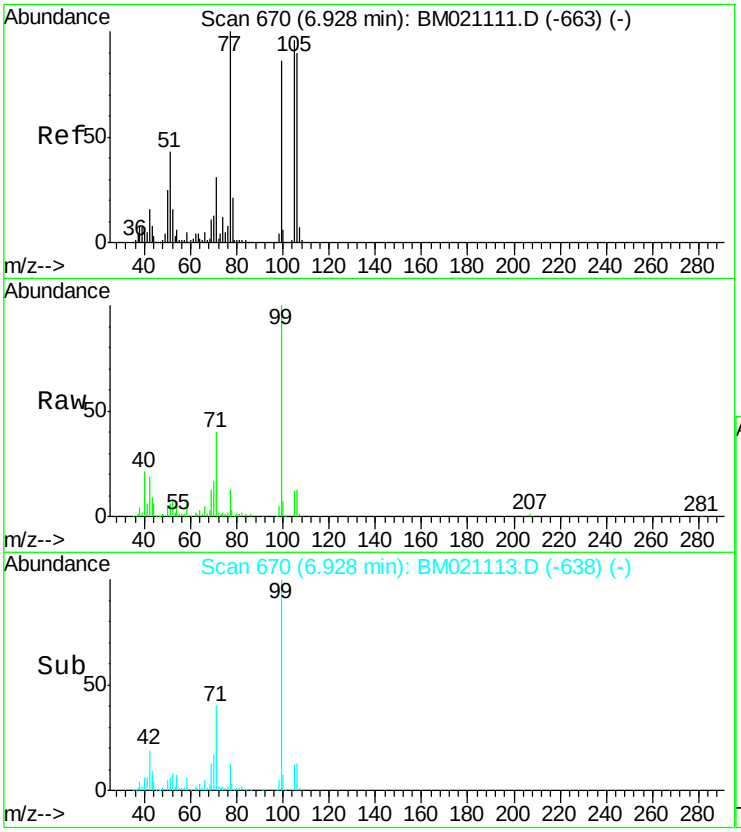
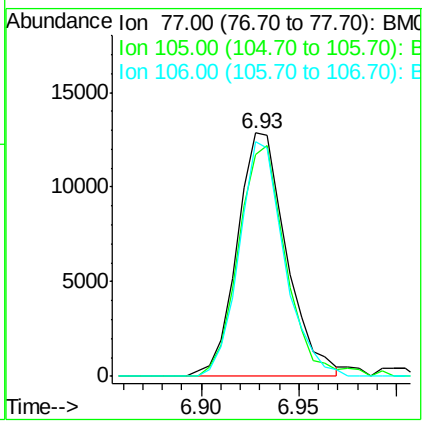




#4
Benzaldehyde
Concen: 2.136 ng/ul
RT: 6.93 min Scan# 670
Delta R.T. -0.01 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion: 77 Resp: 22508

Ion	Ratio	Lower	Upper
77	100		
105	91.1	78.1	117.1
106	96.2	73.4	110.2



Instrument :
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ClientSampleId :
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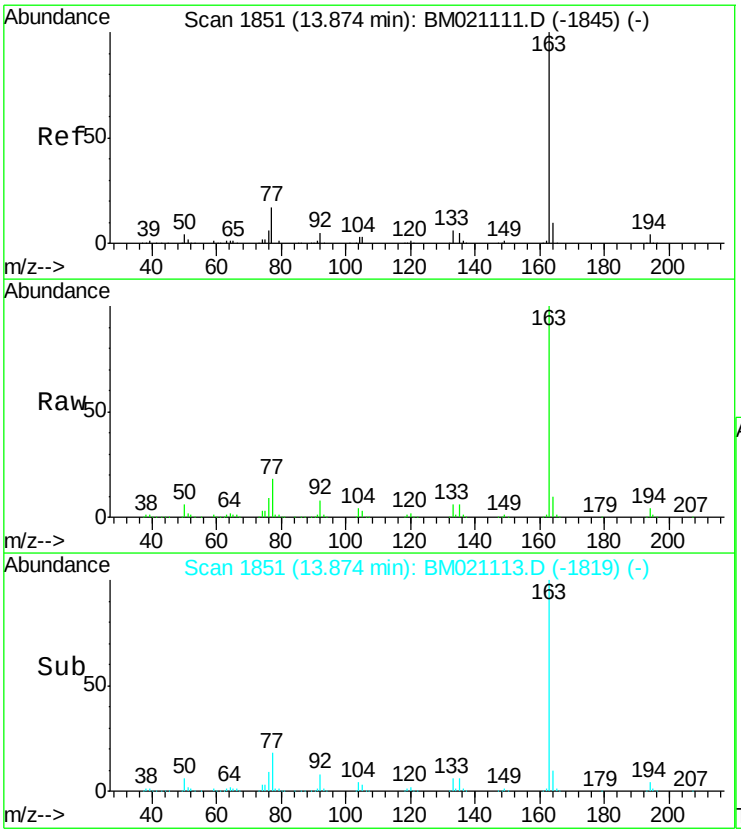
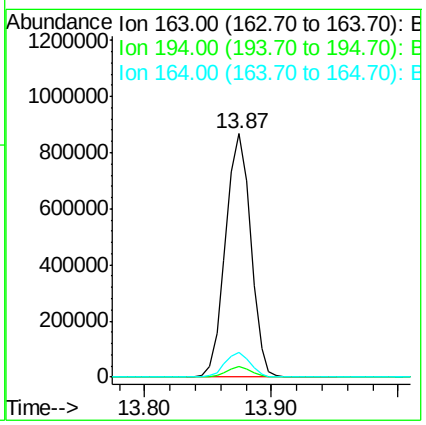
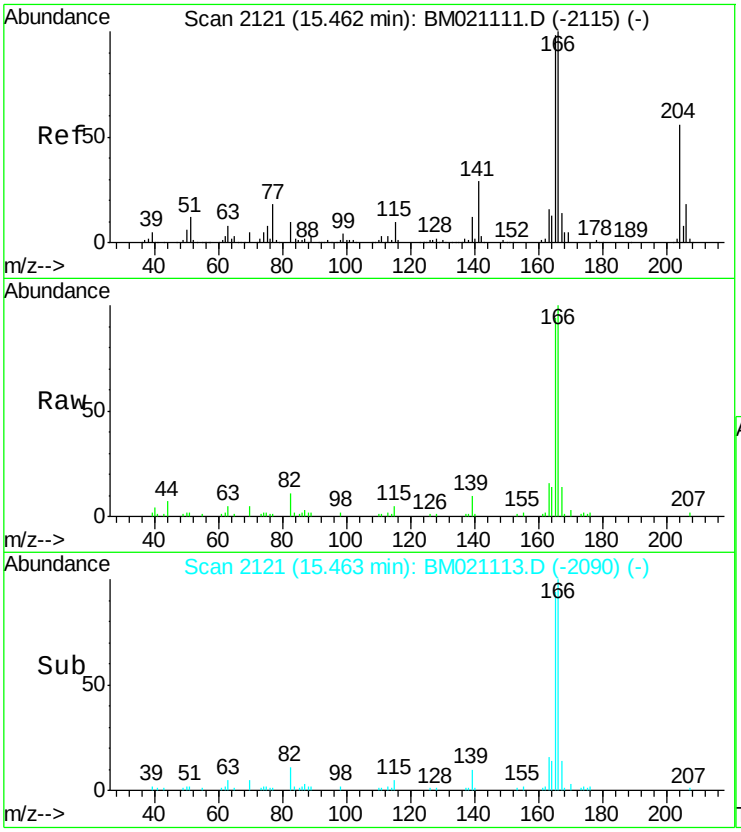


#44
Dimethylphthalate
Concen: 21.373 ng/ul
RT: 13.87 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion:163 Resp: 1188769

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.2	7.7	11.5

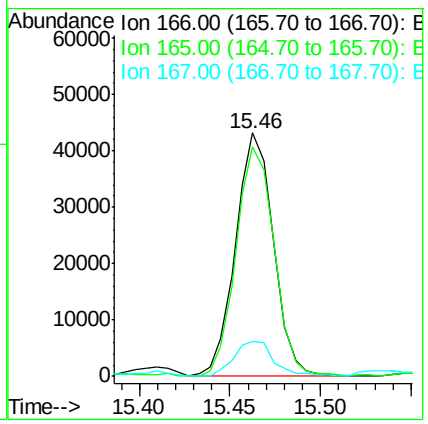




#58
Fluorene
Concen: 1.155 ng/ul
RT: 15.46 min Scan# 2121
Delta R.T. -0.02 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion:166 Resp: 62750

Ion	Ratio	Lower	Upper
166	100		
165	94.1	79.0	118.4
167	14.1	10.6	16.0



Instrument :
BNA_M
ClientSampleId :
A41Y0

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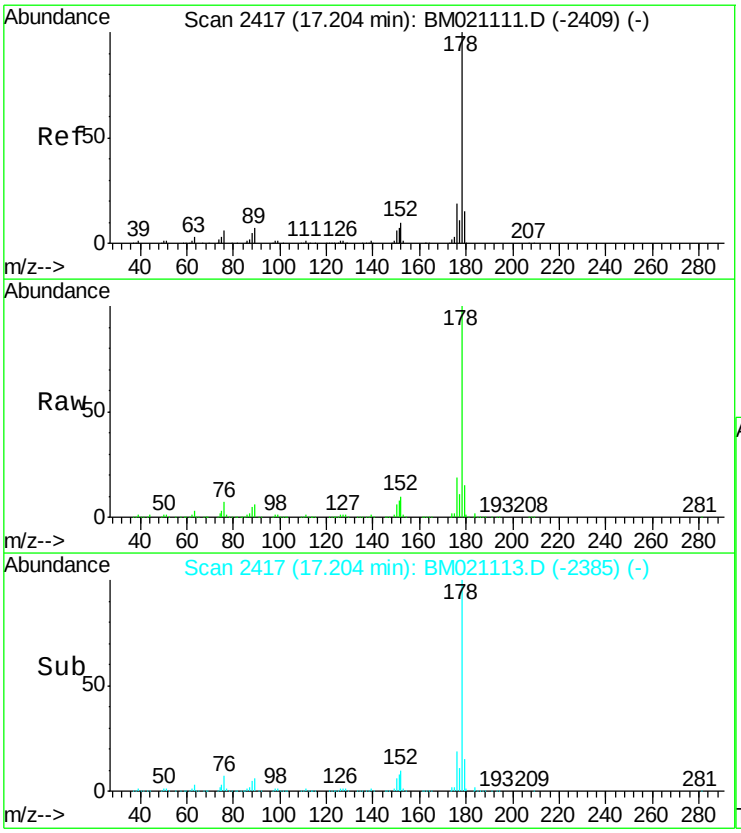
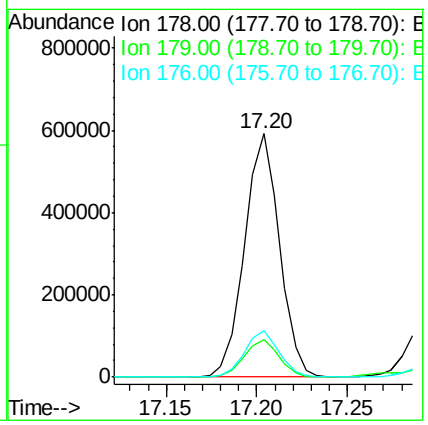
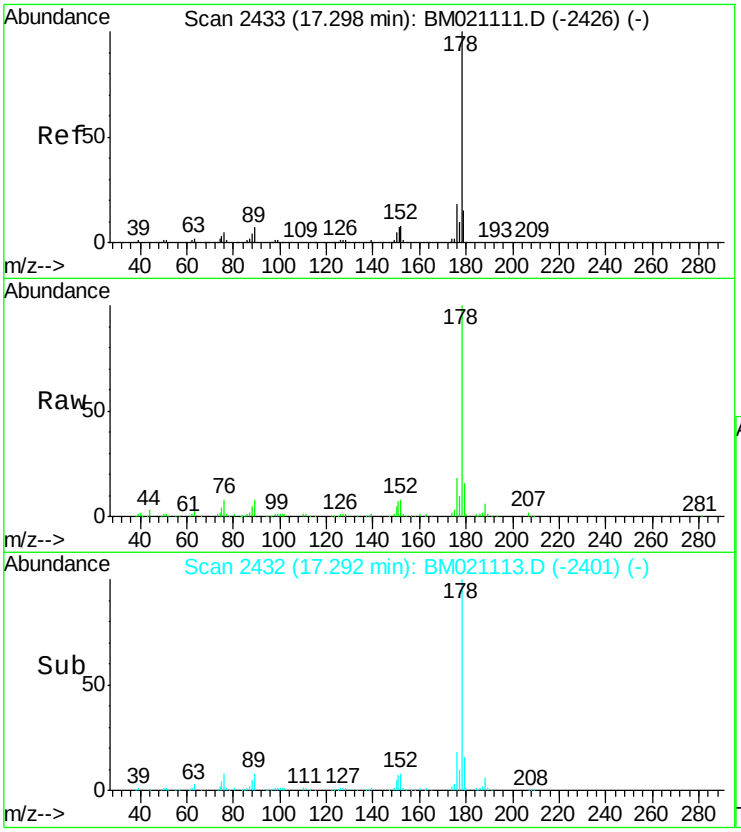


#69
Phenanthrene
Concen: 10.207 ng/ul
RT: 17.20 min Scan# 2417
Delta R.T. -0.01 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion:178 Resp: 790276

Ion	Ratio	Lower	Upper
178	100		
179	15.3	11.8	17.8
176	19.3	15.0	22.6

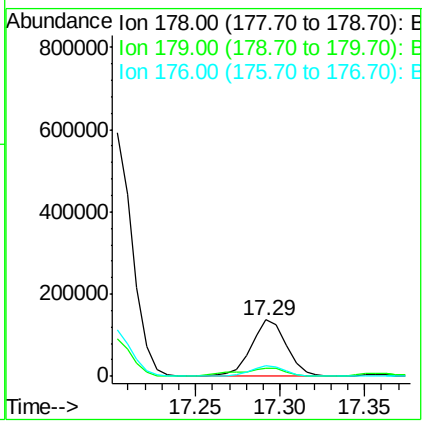




#71
Anthracene
Concen: 2.506 ng/ul
RT: 17.29 min Scan# 2432
Delta R.T. -0.02 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion:178 Resp: 197740

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.5	18.7
176	18.1	14.6	21.8



Instrument :
BNA_M
ClientSampleId :
A41Y0

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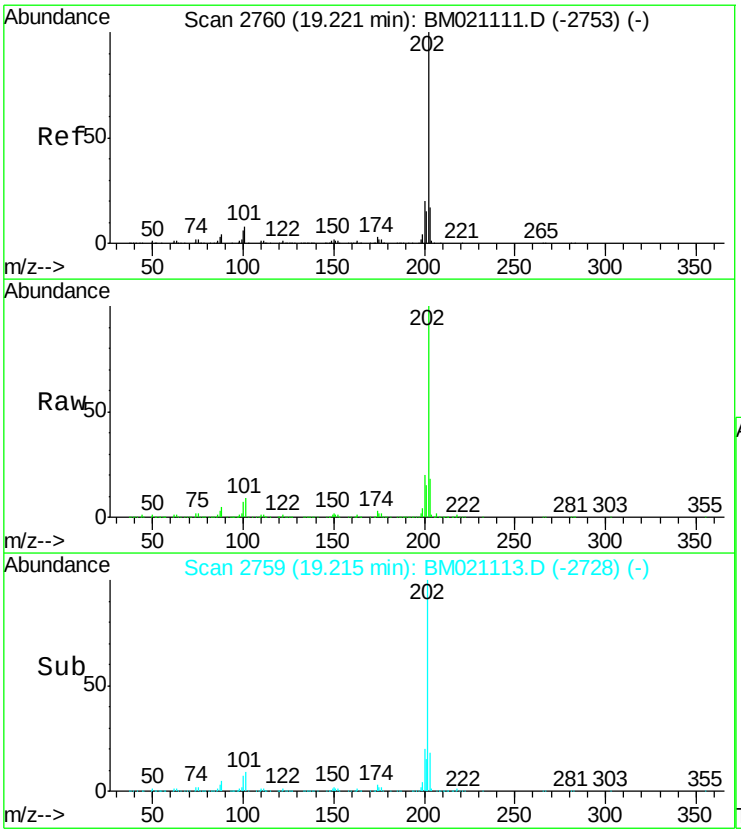
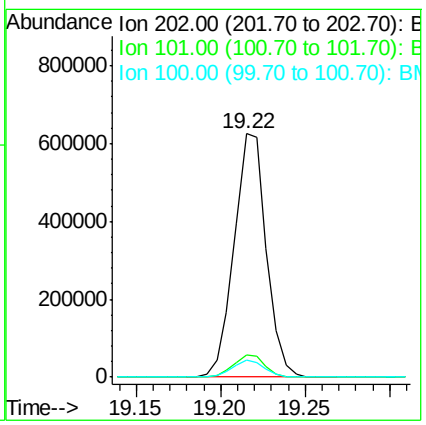
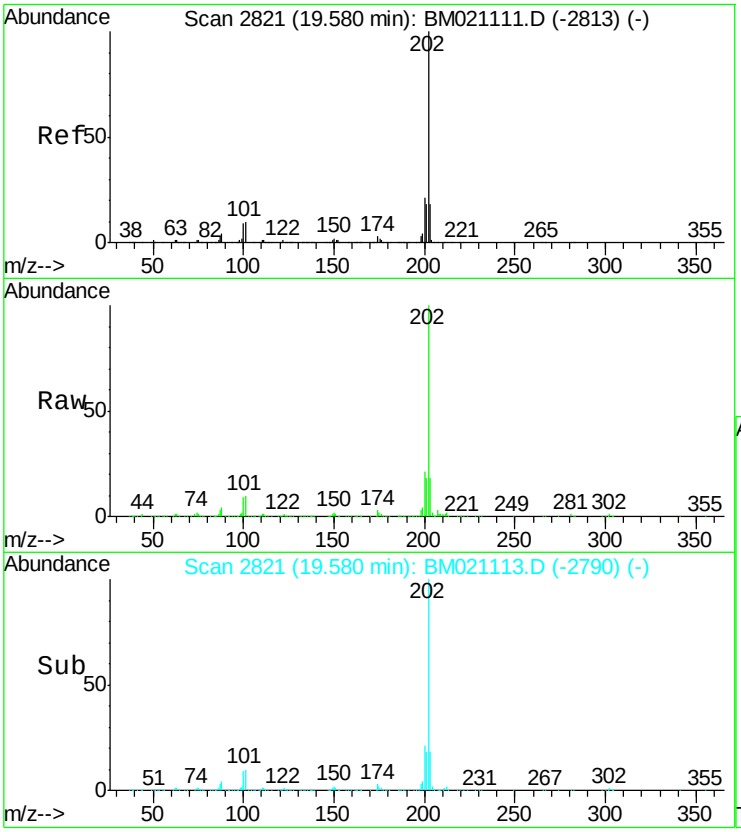


#76
Fluoranthene
Concen: 9.924 ng/ul
RT: 19.22 min Scan# 2759
Delta R.T. -0.02 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion:202 Resp: 830227

Ion	Ratio	Lower	Upper
202	100		
101	9.0	6.7	10.1
100	7.3	5.5	8.3

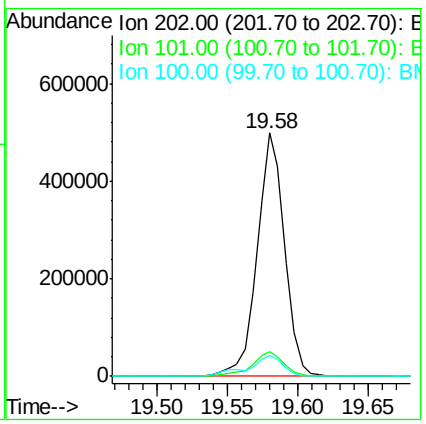




#79
Pyrene
Concen: 8.427 ng/ul
RT: 19.58 min Scan# 2821
Delta R.T. -0.02 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion:202 Resp: 677771

Ion	Ratio	Lower	Upper
202	100		
101	10.3	8.1	12.1
100	8.6	6.6	10.0



Instrument :
BNA_M
ClientSampleId :
A41Y0

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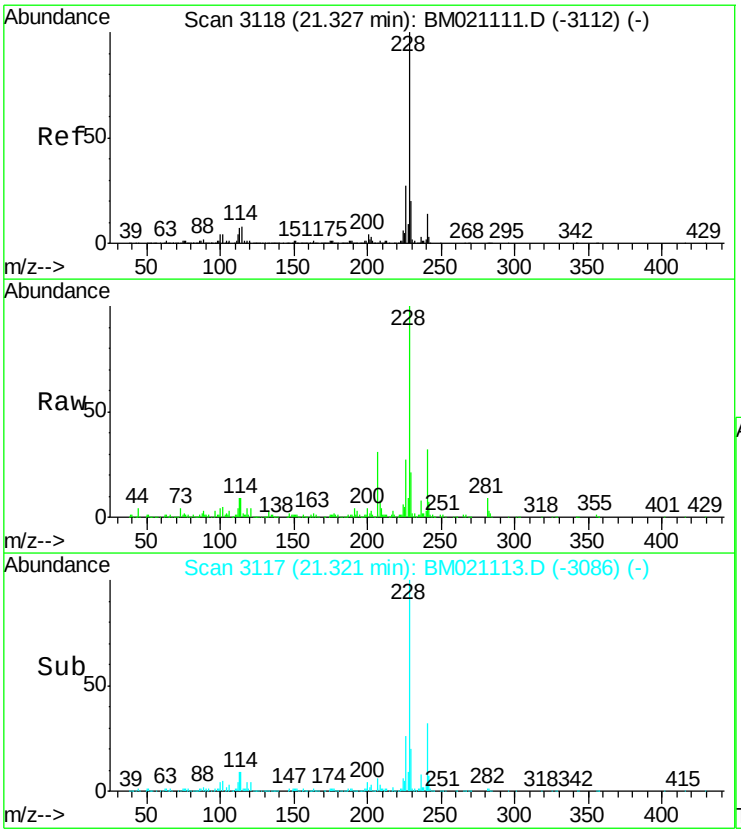
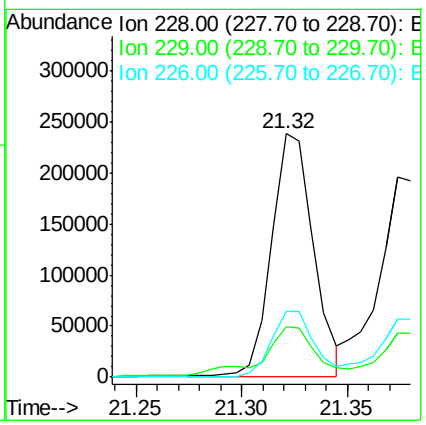
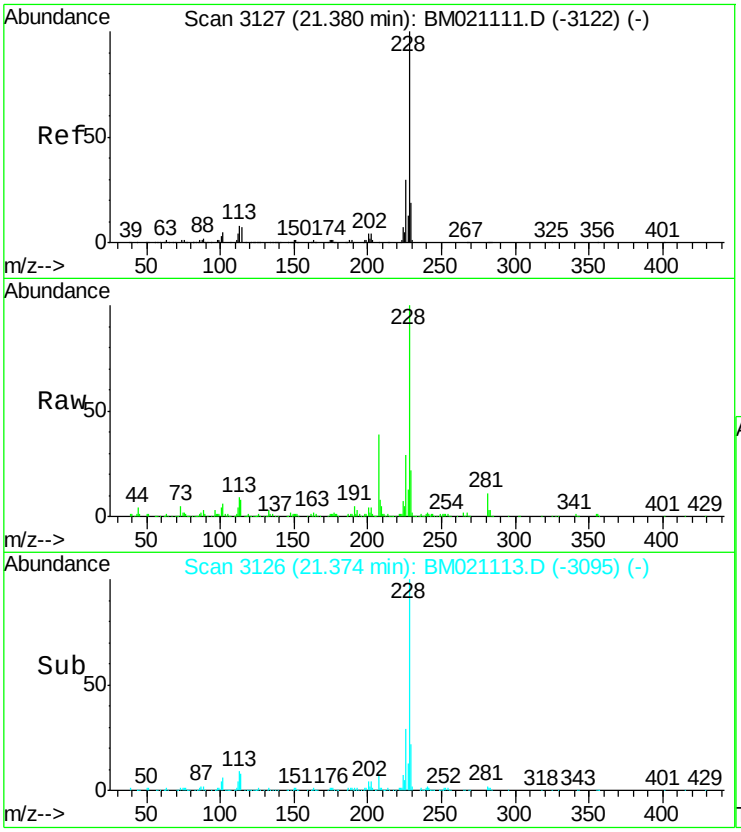


#82
Benzo(a)anthracene
Concen: 4.229 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.02 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion:228 Resp: 328009

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	26.8	21.4	32.2

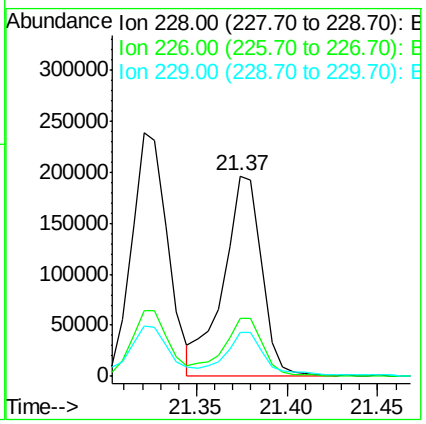




#84
Chrysene
Concen: 3.940 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.02 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion:228 Resp: 286179

Ion	Ratio	Lower	Upper
228	100		
226	28.8	23.9	35.9
229	21.9	15.4	23.2



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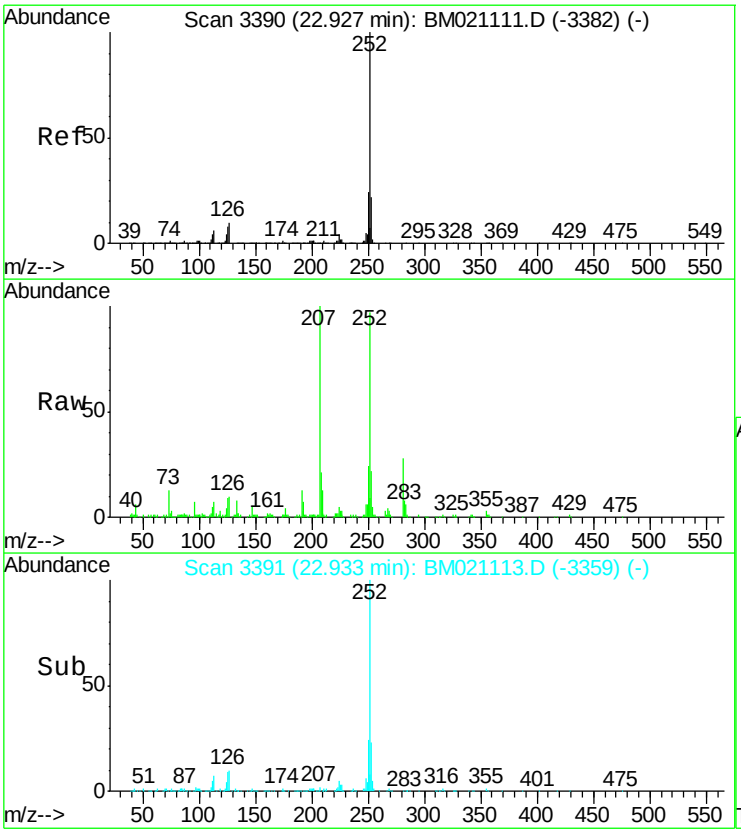
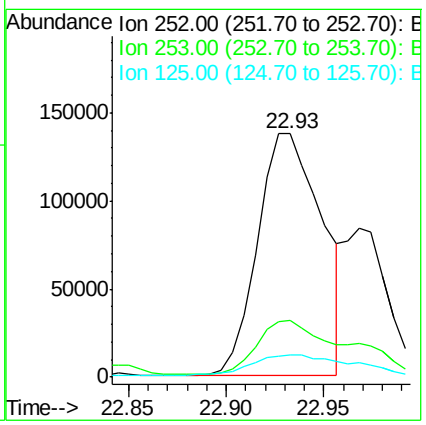
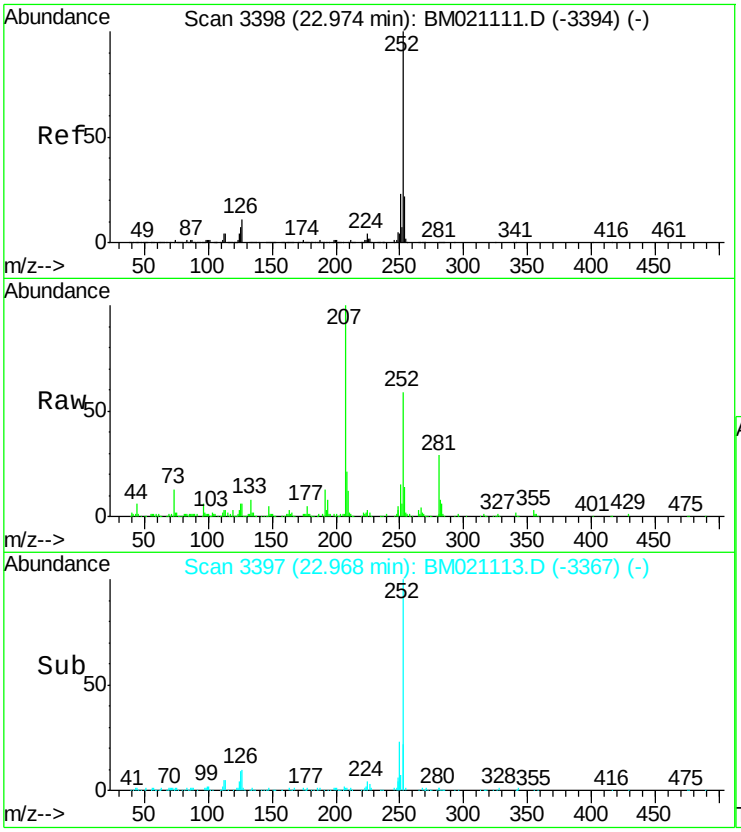


#87
Benzo(b)fluoranthene
Concen: 3.817 ng/ul
RT: 22.93 min Scan# 3391
Delta R.T. -0.01 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion:252 Resp: 314091

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.5	26.3
125	9.2	6.3	9.5

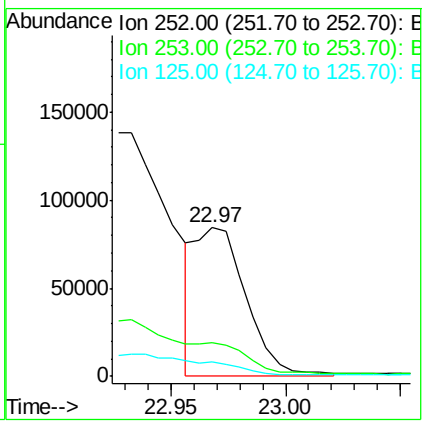




#88
Benzo(k)fluoranthene
Concen: 1.637 ng/ul m
RT: 22.97 min Scan# 3397
Delta R.T. -0.02 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion:252 Resp: 129645

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.5	26.3
125	9.7	6.6	9.8



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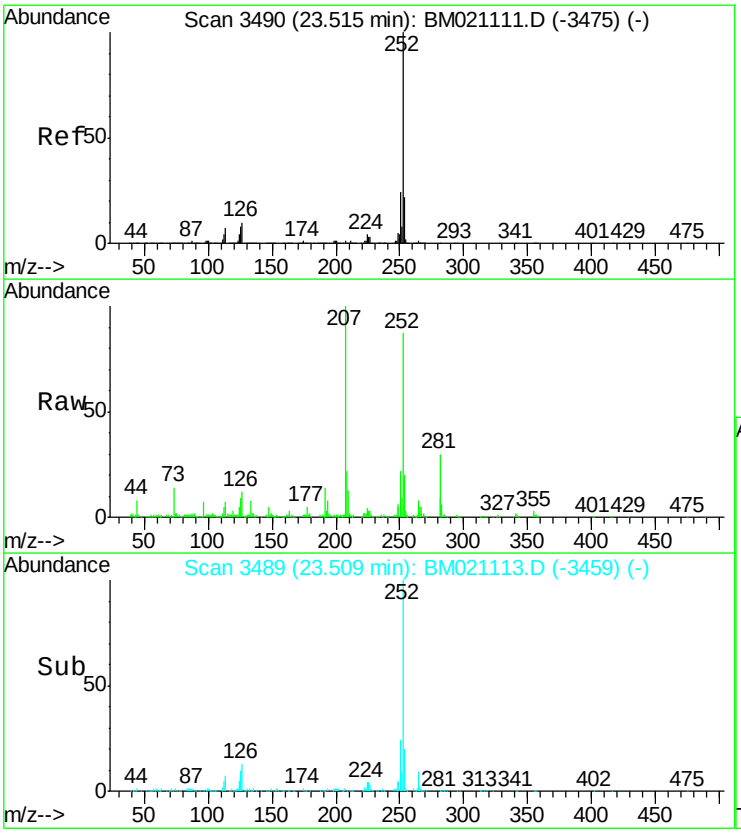
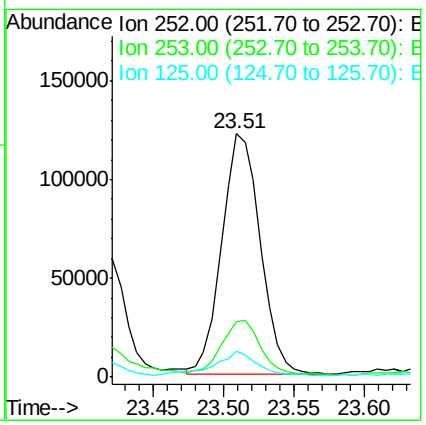
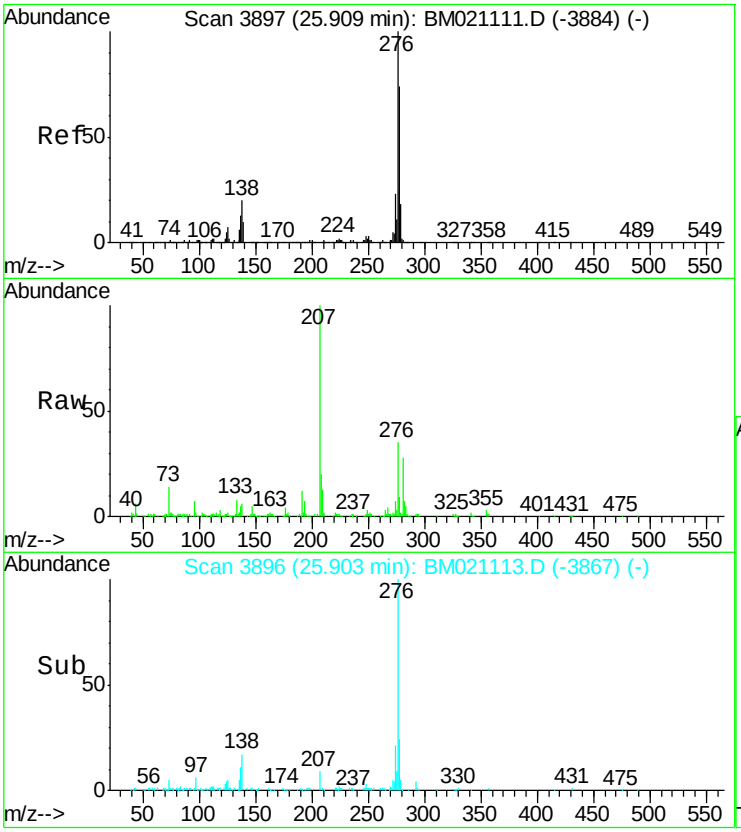


#90
Benzo(a)pyrene
Concen: 2.965 ng/ul
RT: 23.51 min Scan# 3489
Delta R.T. -0.02 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion:252 Resp: 229666

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	10.5	7.2	10.8

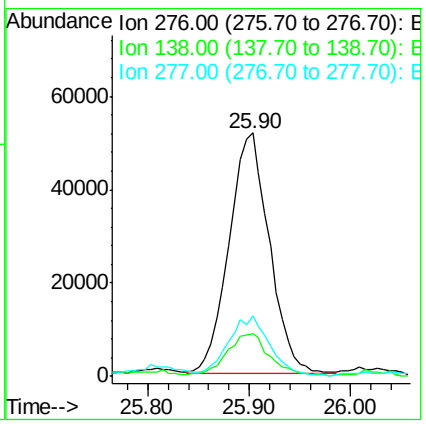




#91
Indeno(1,2,3-cd)pyrene
Concen: 1.570 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.03 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion:276 Resp: 143211

Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.9	23.9
277	25.0	20.4	30.6



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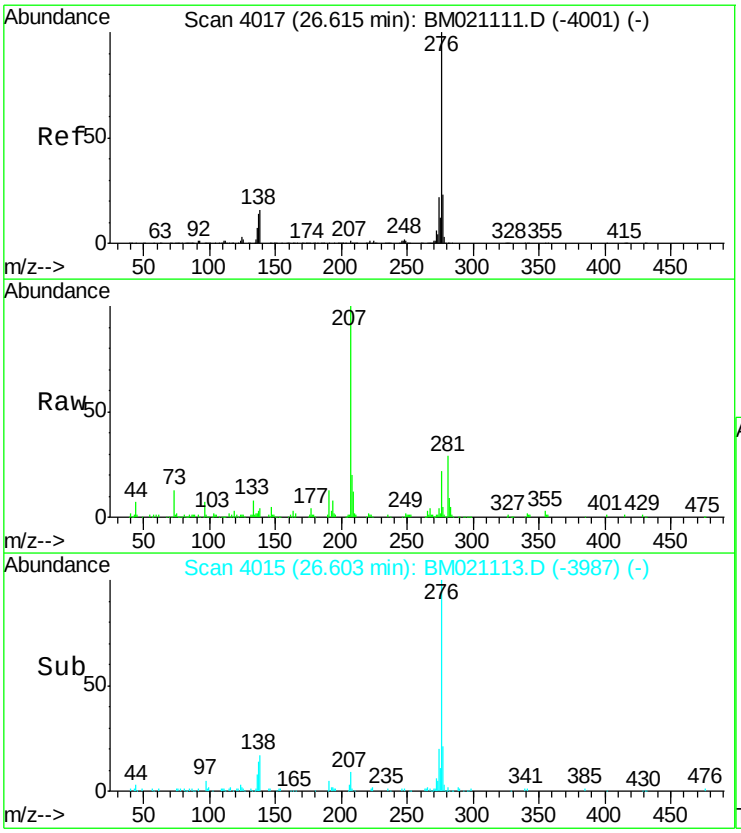

#93
Benzo(g,h,i)perylene
Concen: 1.453 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.04 min
Lab File: BM021113.D
Acq: 23 Jun 2019 00:06

Tgt Ion:276 Resp: 109182

Ion	Ratio	Lower	Upper
276	100		
138	17.3	14.6	21.8
277	20.8	18.9	28.3