Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
Data File : BM021211.D
Acq On : 27 Jun 2019 11:43
Operator : HP/JU
Sample : K3502-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C5AC6

Manual Integrations APPROVED
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Quant Time: Jun 27 12:50:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	217344	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	962415	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	615593	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1430186	20.00	ng/ul	0.00
77) Chrysene-d12	21.34	240	1068799	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1079935	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.29	96	16152	3.53	ng/uL	0.00
5) Phenol-d5	6.93	99	388031	20.51	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	234707	20.82	ng/ul	0.00
9) 2-Chlorophenol-d4	7.30	132	325126	21.15	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	333420	21.11	ng/ul	0.00
19) Nitrobenzene-d5	8.93	128	174971	22.39	ng/ul	0.00
22) 2-Nitrophenol-d4	9.64	143	201000	23.17	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	400636	22.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.70	131	400970	21.79	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1318407	23.70	ng/ul	0.00
46) Acenaphthylene-d8	14.10	160	1548124	22.74	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	132772	14.67	ng/ul	0.00
57) Fluorene-d10	15.40	176	1149272	23.75	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	144156	16.40	ng/ul	0.00
70) Anthracene-d10	17.25	188	1728552	23.26	ng/ul	0.00
78) Pyrene-d10	19.54	212	1677558	26.16	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1400268	21.98	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.96	94	27073	1.513	ng/ul	90
44) Dimethylphthalate	13.86	163	843988	16.668	ng/ul	99
69) Phenanthrene	17.19	178	324004	4.096	ng/ul	99
76) Fluoranthene	19.21	202	1360030	15.913	ng/ul	99
79) Pyrene	19.57	202	1081476	14.313	ng/ul	99
82) Benzo(a)anthracene	21.32	228	575619	7.900	ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.25	149	79884	2.006	ng/ul	98
84) Chrysene	21.37	228	648973	9.510	ng/ul	98
87) Benzo(b)fluoranthene	22.93	252	896185	13.101	ng/ul	98
88) Benzo(k)fluoranthene	22.97	252	323875m	4.921	ng/ul	
90) Benzo(a)pyrene	23.52	252	495706	7.699	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.90	276	405732	5.351	ng/ul#	94
92) Dibenzo(a,h)anthracene	25.90	278	103999	1.631	ng/ul#	93
93) Benzo(g,h,i)perylene	26.60	276	324534	5.197	ng/ul	98

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

Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062719\
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Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 27 05:07:12 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C5AC6

Manual Integrations APPROVED
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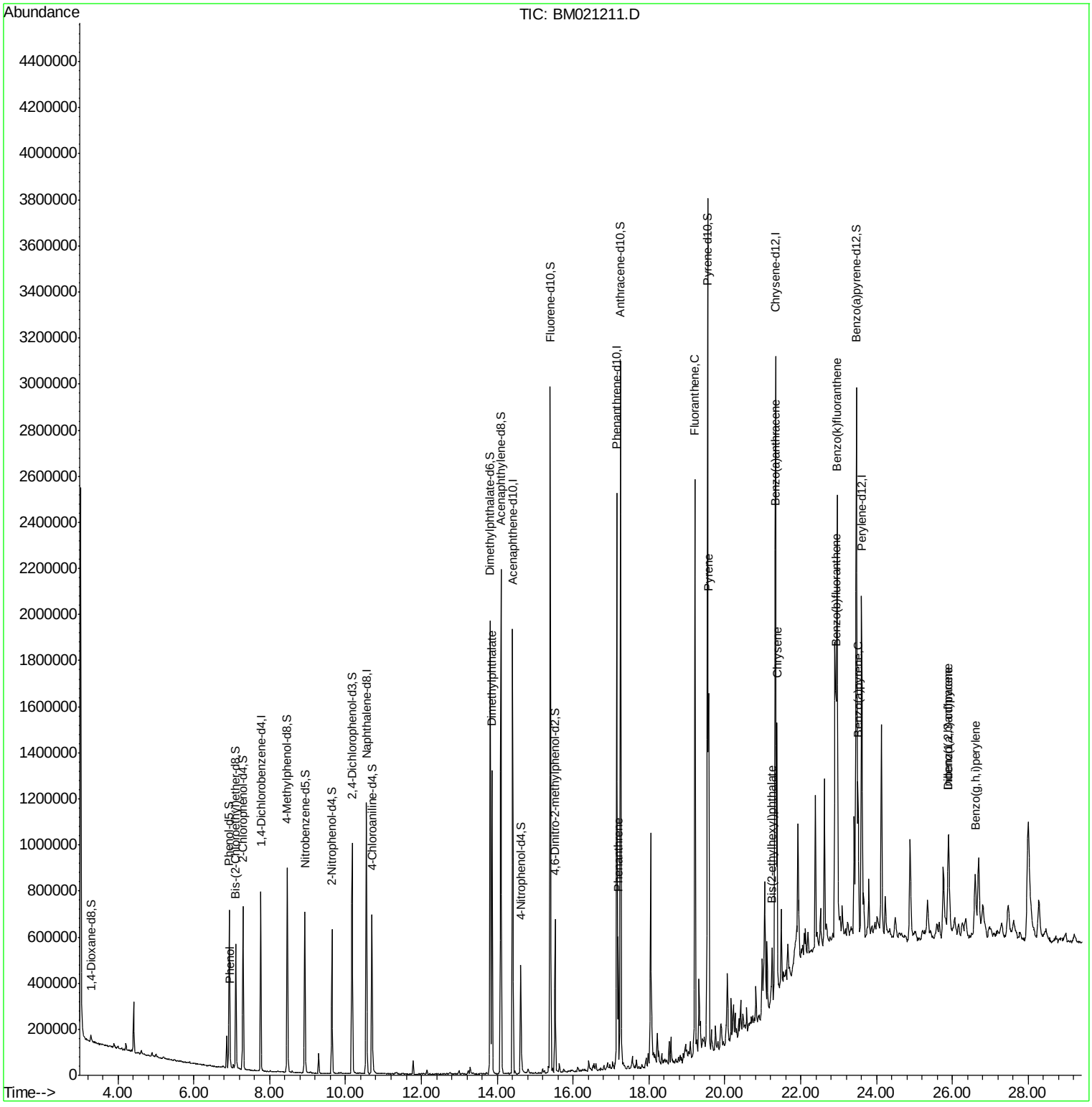
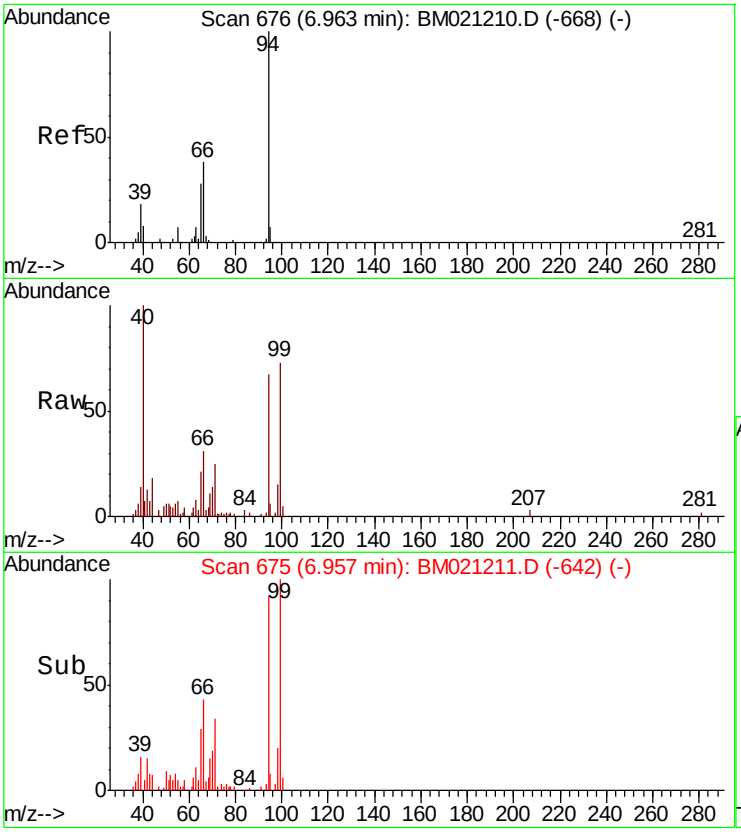
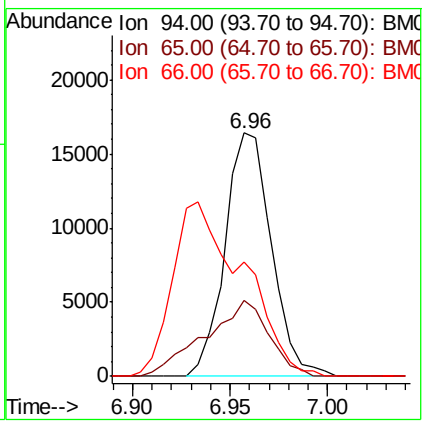




#6
Phenol
Concen: 1.513 ng/ul
RT: 6.96 min Scan# 675
Delta R.T. -0.01 min
Lab File: BM021211.D
Acq: 27 Jun 2019 11:43

Tgt Ion: 94 Resp: 27073

Ion	Ratio	Lower	Upper
94	100		
65	31.2	22.6	34.0
66	46.7	31.2	46.8



Instrument :
BNA_M
ClientSampleId :
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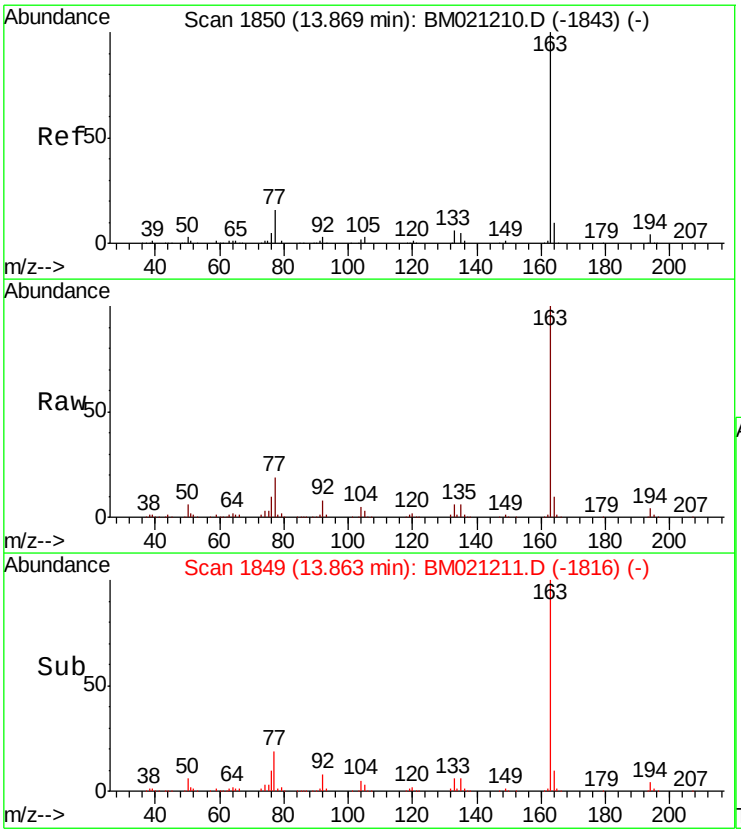
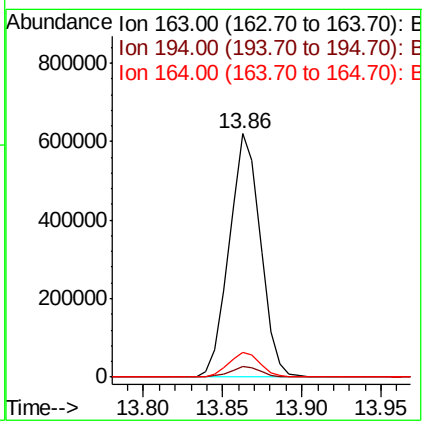
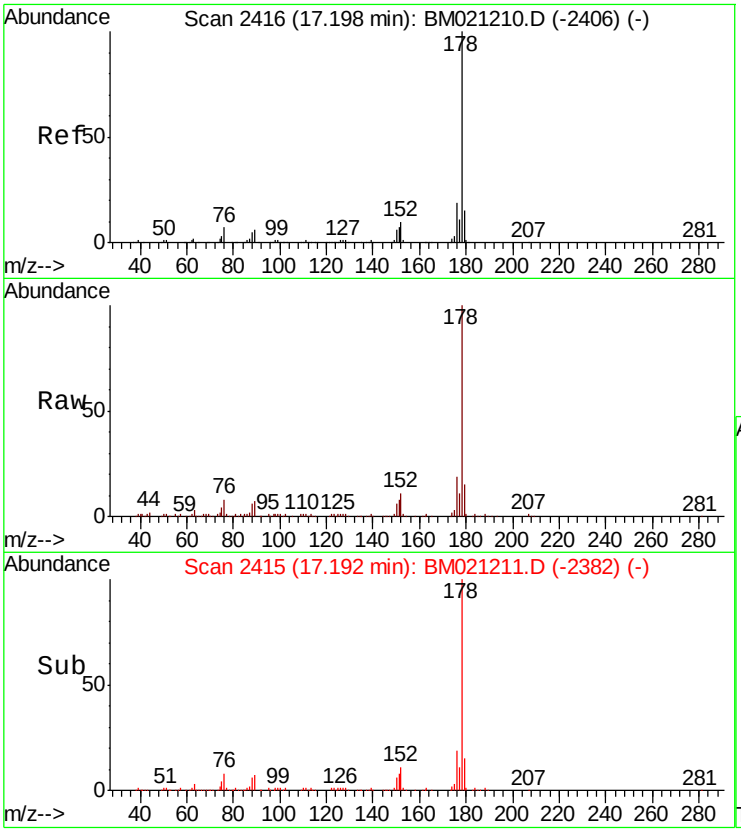


#44
Dimethylphthalate
Concen: 16.668 ng/ul
RT: 13.86 min Scan# 1849
Delta R.T. -0.01 min
Lab File: BM021211.D
Acq: 27 Jun 2019 11:43

Tgt Ion:163 Resp: 843988

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	10.0	7.7	11.5

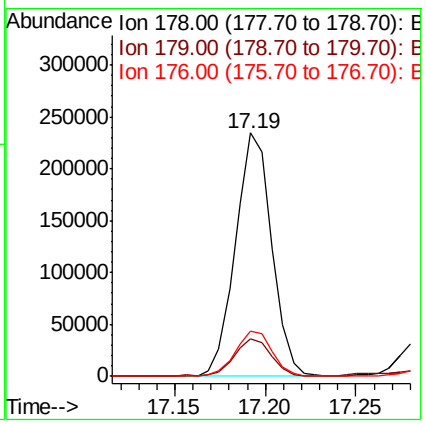




#69
Phenanthrene
Concen: 4.096 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.01 min
Lab File: BM021211.D
Acq: 27 Jun 2019 11:43

Tgt Ion:178 Resp: 324004

Ion	Ratio	Lower	Upper
178	100		
179	15.4	11.8	17.8
176	18.8	15.0	22.6



Instrument :
BNA_M
ClientSampleId :
C5AC6

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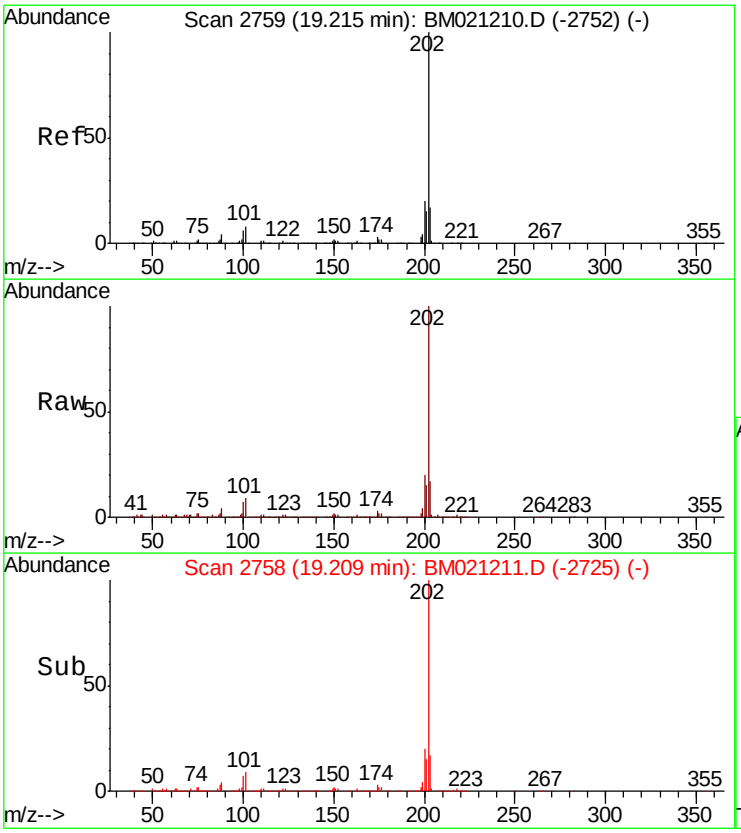
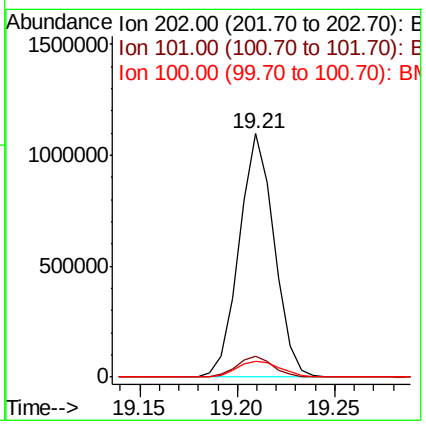
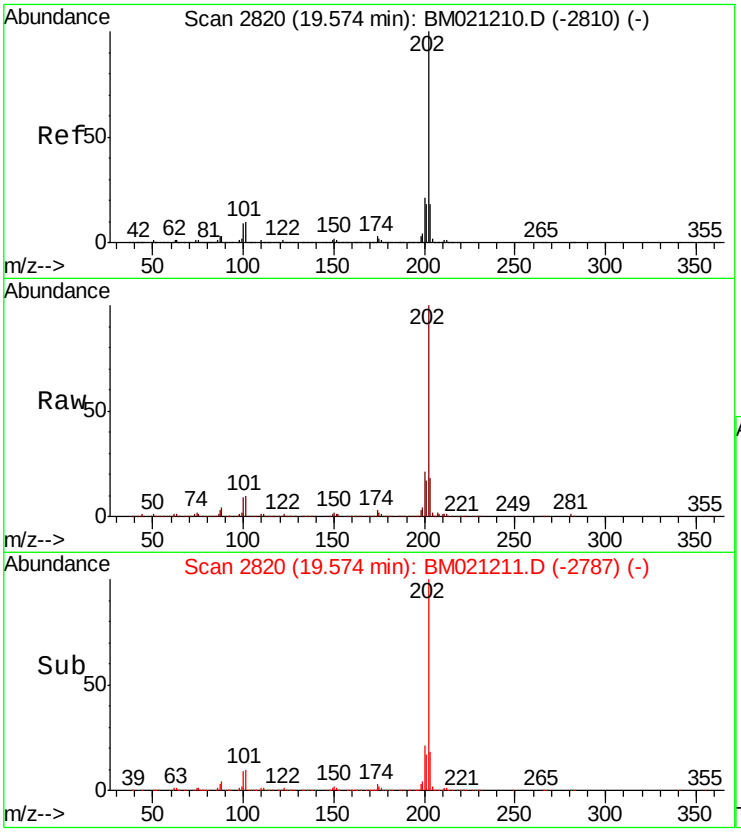


#76
Fluoranthene
Concen: 15.913 ng/ul
RT: 19.21 min Scan# 2758
Delta R.T. -0.01 min
Lab File: BM021211.D
Acq: 27 Jun 2019 11:43

Tgt Ion:202 Resp: 1360030

Ion	Ratio	Lower	Upper
202	100		
101	8.6	6.7	10.1
100	6.7	5.5	8.3

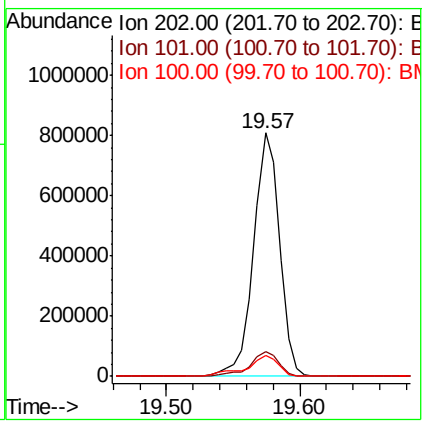




#79
Pyrene
Concen: 14.313 ng/ul
RT: 19.57 min Scan# 2820
Delta R.T. -0.01 min
Lab File: BM021211.D
Acq: 27 Jun 2019 11:43

Tgt Ion:202 Resp: 1081476

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.1	12.1
100	8.5	6.6	10.0



Instrument :
BNA_M
ClientSampleId :
C5AC6

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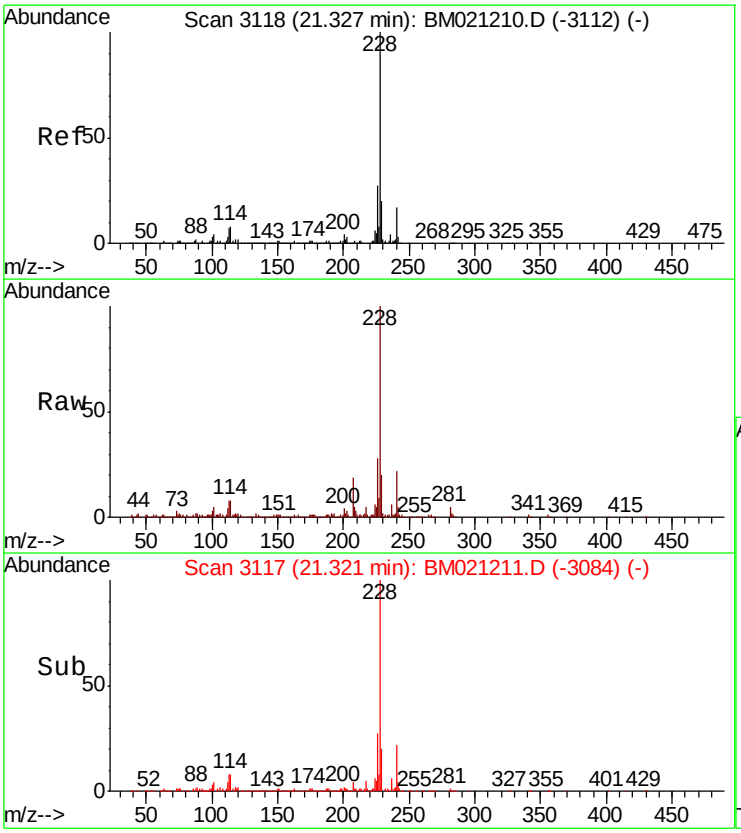
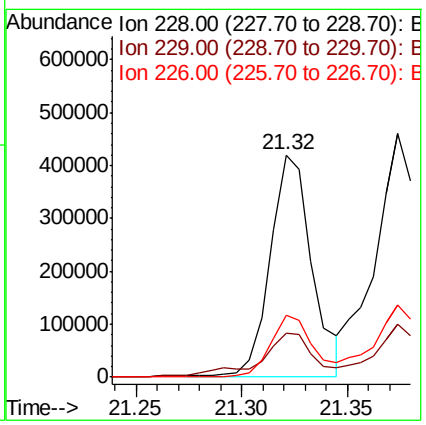
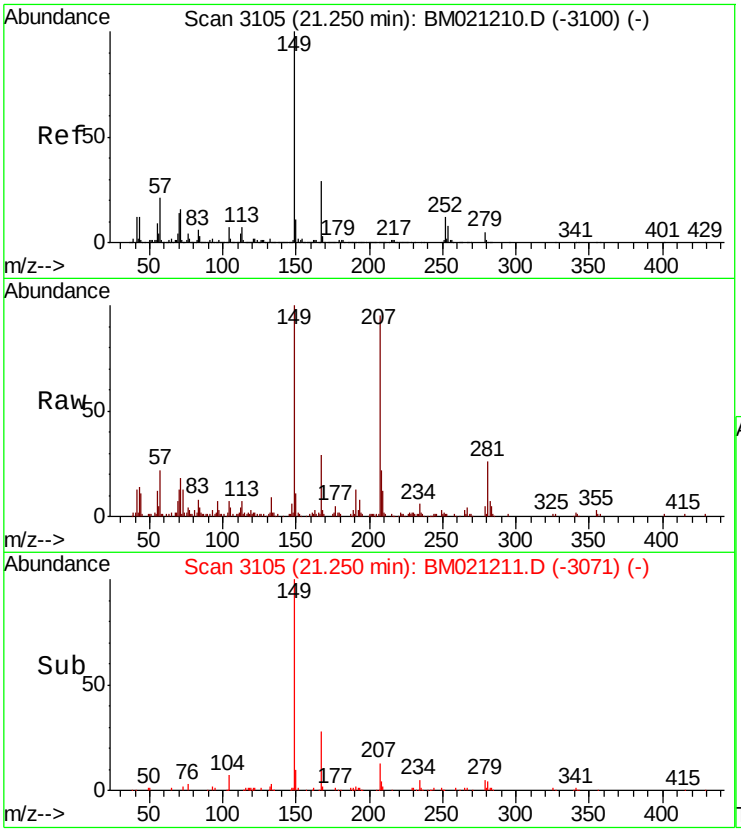


#82
Benzo(a)anthracene
Concen: 7.900 ng/ul
RT: 21.32 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM021211.D
Acq: 27 Jun 2019 11:43

Tgt Ion:228 Resp: 575619

Ion	Ratio	Lower	Upper
228	100		
229	20.0	15.8	23.8
226	27.7	21.4	32.2

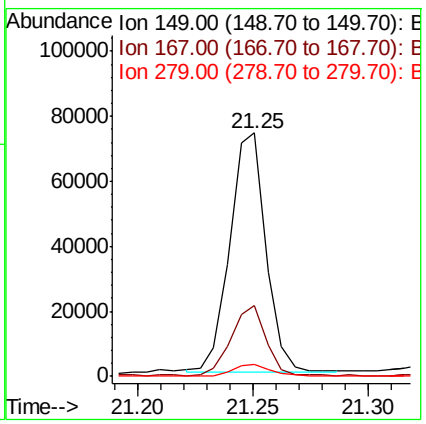




#83
Bis(2-ethylhexyl)phthalate
Concen: 2.006 ng/ul
RT: 21.25 min Scan# 3105
Delta R.T. -0.00 min
Lab File: BM021211.D
Acq: 27 Jun 2019 11:43

Tgt Ion:149 Resp: 79884

Ion	Ratio	Lower	Upper
149	100		
167	28.9	22.3	33.5
279	4.8	3.8	5.6



Instrument :
BNA_M
ClientSampleId :
C5AC6

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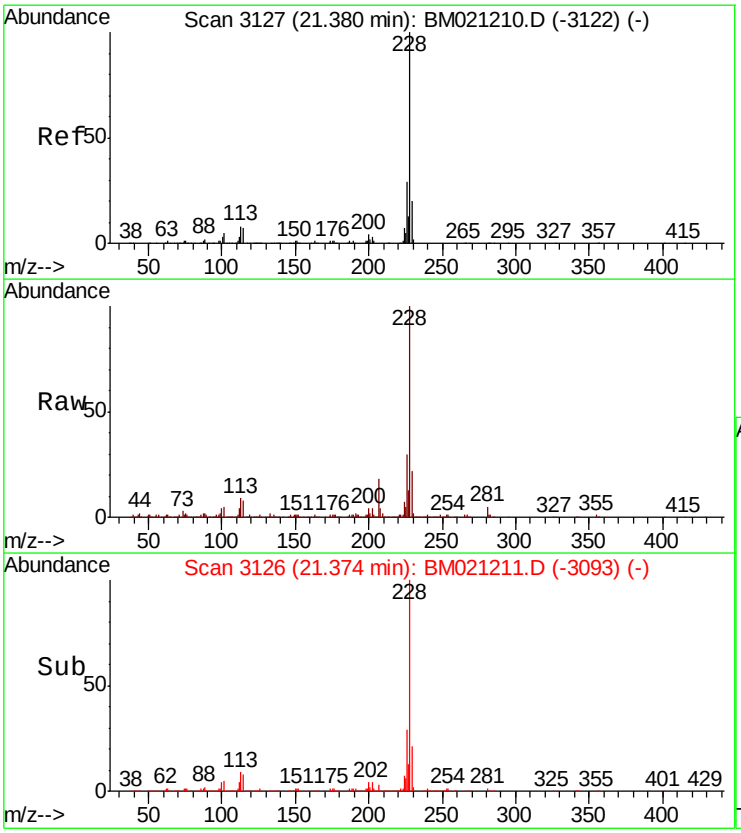
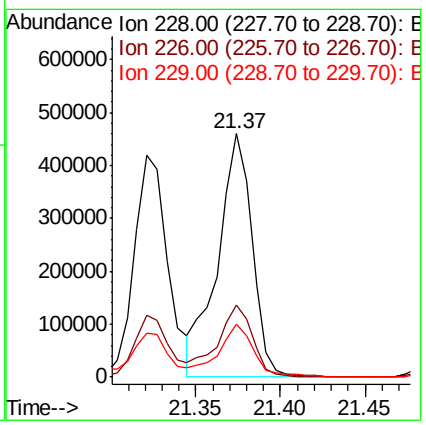
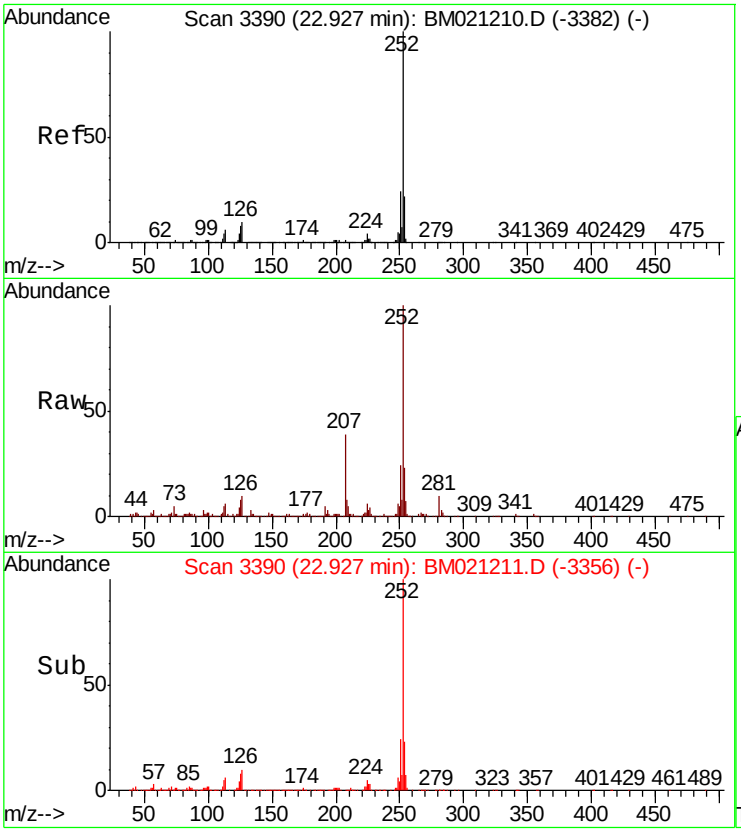


#84
Chrysene
Concen: 9.510 ng/ul
RT: 21.37 min Scan# 3126
Delta R.T. -0.01 min
Lab File: BM021211.D
Acq: 27 Jun 2019 11:43

Tgt Ion:228 Resp: 648973

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.9	35.9
229	21.6	15.4	23.2

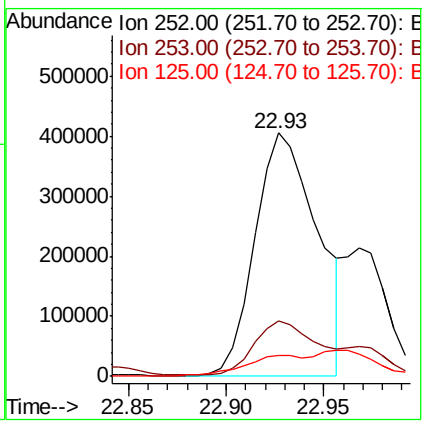




#87
Benzo(b)fluoranthene
Concen: 13.101 ng/ul
RT: 22.93 min Scan# 3390
Delta R.T. -0.00 min
Lab File: BM021211.D
Acq: 27 Jun 2019 11:43

Tgt Ion:252 Resp: 896185

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	8.4	6.3	9.5



Instrument :
BNA_M
ClientSampleId :
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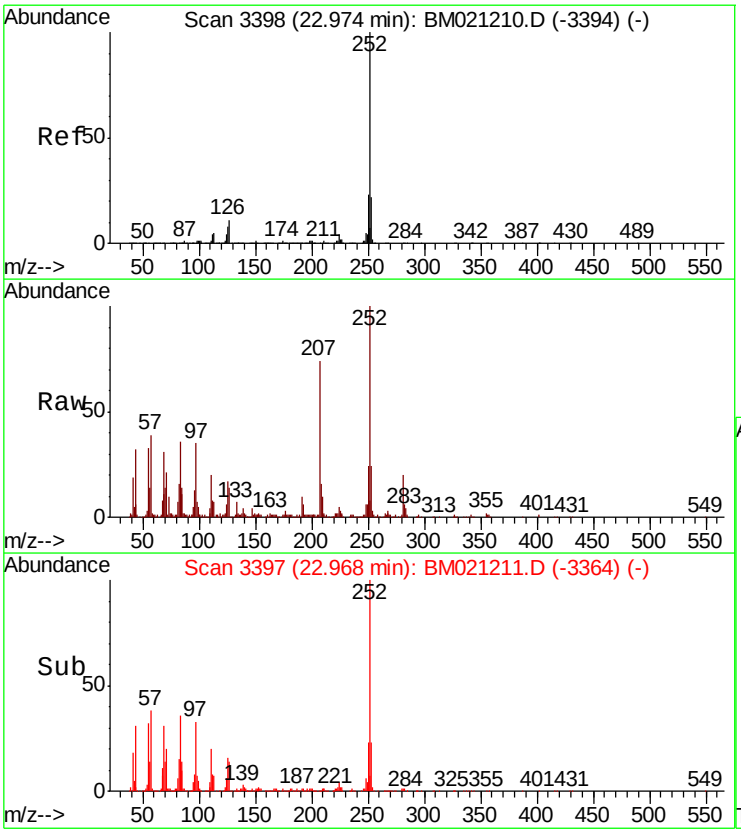
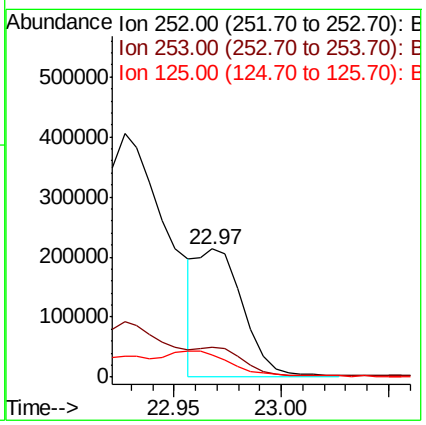
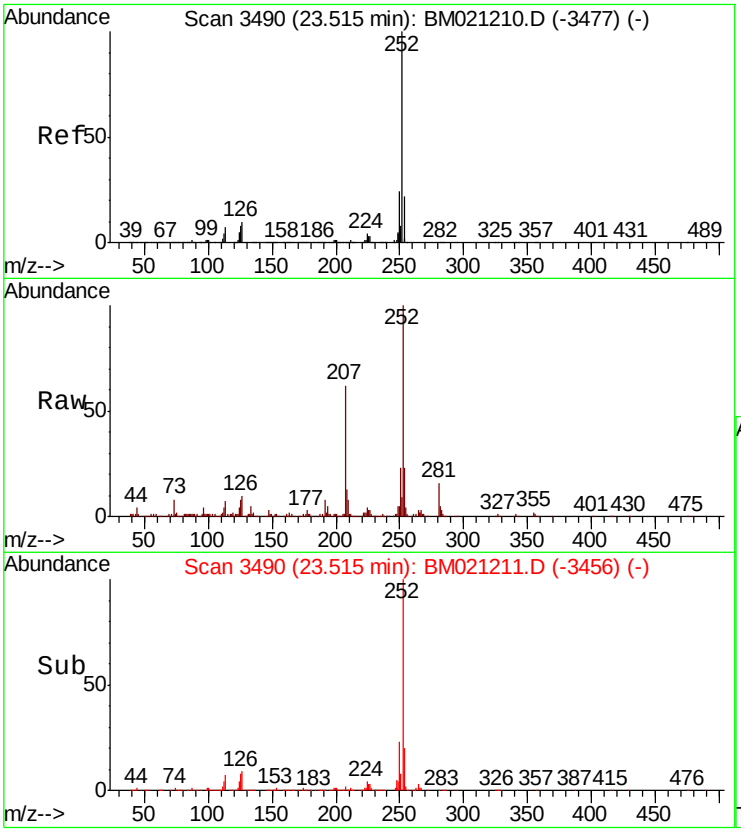


#88
Benzo(k)fluoranthene
Concen: 4.921 ng/ul m
RT: 22.97 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM021211.D
Acq: 27 Jun 2019 11:43

Tgt Ion:252 Resp: 323875

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.5	26.3
125	17.0	6.6	9.8#

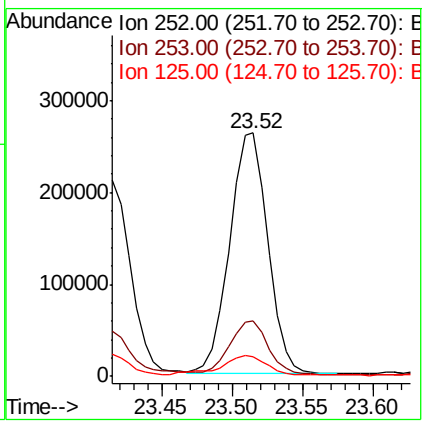




#90
Benzo(a)pyrene
Concen: 7.699 ng/ul
RT: 23.52 min Scan# 3490
Delta R.T. -0.00 min
Lab File: BM021211.D
Acq: 27 Jun 2019 11:43

Tgt Ion:252 Resp: 495706

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.8	26.8
125	8.3	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
C5AC6

Manual Integrations APPROVED
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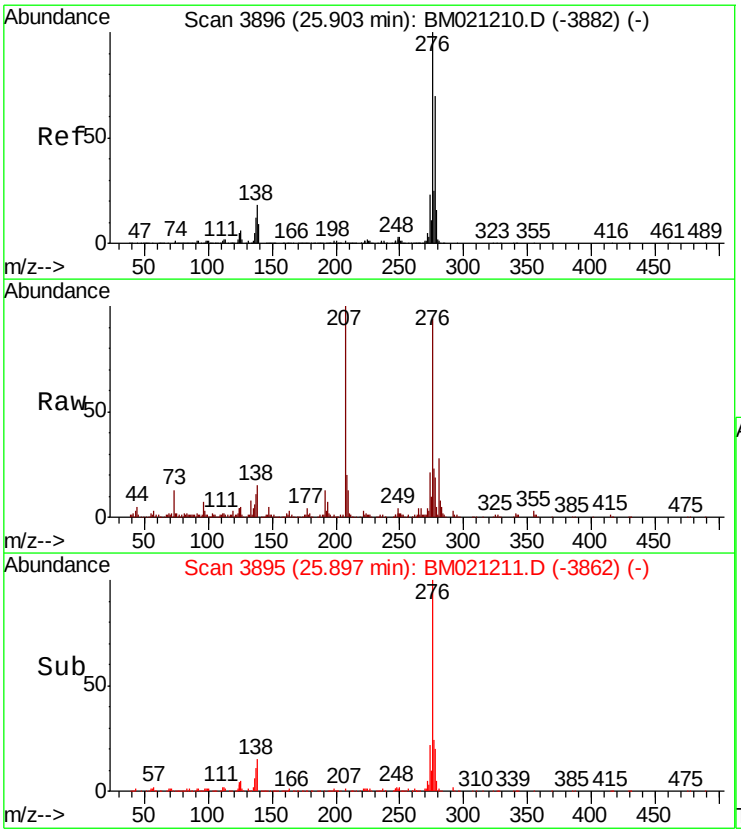
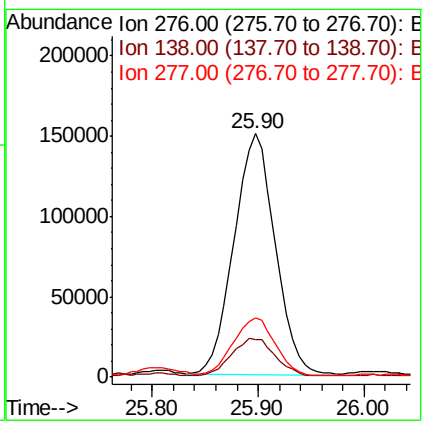
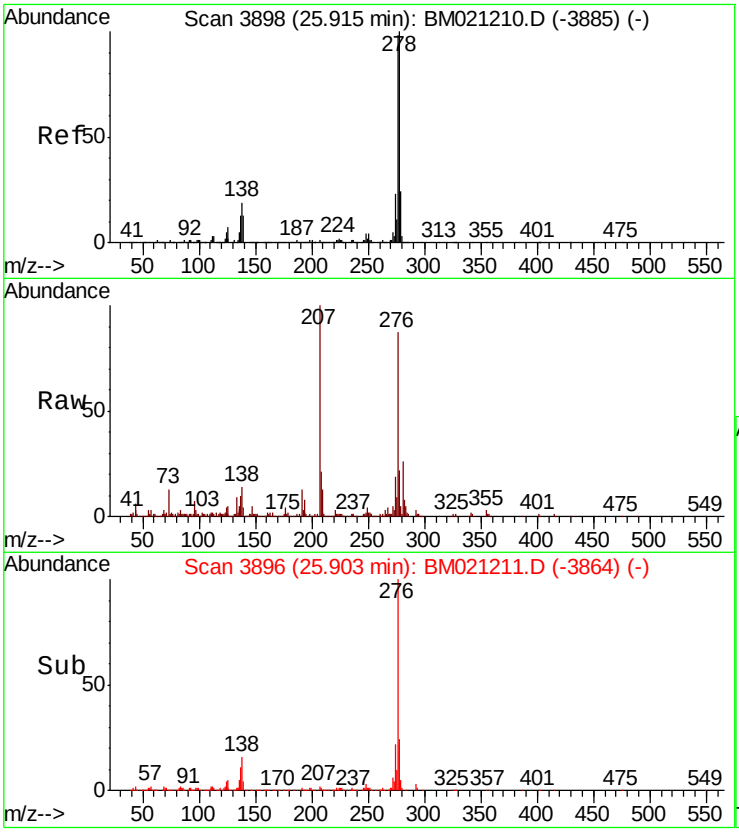


#91
Indeno(1,2,3-cd)pyrene
Concen: 5.351 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM021211.D
Acq: 27 Jun 2019 11:43

Tgt Ion:276 Resp: 405732

Ion	Ratio	Lower	Upper
276	100		
138	15.6	15.9	23.9#
277	24.2	20.4	30.6





#92
Dibenzo(a,h)anthracene
Concen: 1.631 ng/ul
RT: 25.90 min Scan# 3896
Delta R.T. -0.01 min
Lab File: BM021211.D
Acq: 27 Jun 2019 11:43

Tgt Ion:278 Resp: 103999

Ion	Ratio	Lower	Upper
278	100		
139	18.1	10.6	15.8#
279	25.8	19.0	28.4

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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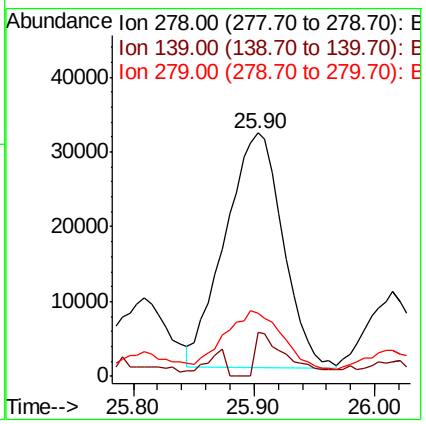

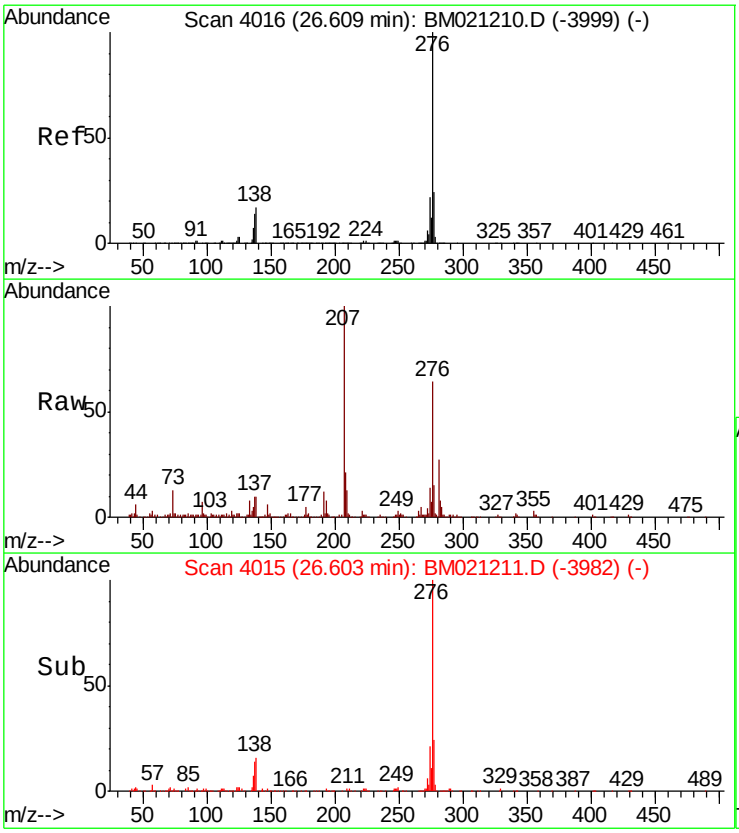

#93
Benzo(g,h,i)perylene
Concen: 5.197 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.01 min
Lab File: BM021211.D
Acq: 27 Jun 2019 11:43

Tgt Ion:276 Resp: 324534

Ion	Ratio	Lower	Upper
276	100		
138	16.2	14.6	21.8
277	24.0	18.9	28.3