Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002226.D
Acq On : 05 Aug 2015 01:07
Operator : TP/UM
Sample : G3095-09RE
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01R9RE

Manual Integrations APPROVED
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8/7/2015 4:43:10 PM

Quant Time: Aug 07 08:03:53 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:56:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	57300	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	243946	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	144846	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.96	188	317252	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	347807	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	334675	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	2668	2.64	ng/uL	0.00
5) Phenol-d5	6.72	99	53678	12.61	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	6.86	67	29296	13.17	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	47318	13.01	ng/ul	0.01
13) 4-Methylphenol-d8	8.26	113	39116	11.06	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	21815	12.33	ng/ul	0.00
22) 2-Nitrophenol-d4	9.41	143	24508	11.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.96	165	45336	11.36	ng/ul	0.01
29) 4-Chloroaniline-d4	10.47	131	37463	8.48	ng/ul	0.01
44) Dimethylphthalate-d6	13.62	166	126413	12.00	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	140466	10.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.46	143	11454	8.39	ng/ul	0.02
58) Fluorene-d10	15.20	176	95820	10.30	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.36	200	2835	1.55	ng/ul	0.01
71) Anthracene-d10	17.06	188	140868	9.98	ng/ul	0.00
79) Pyrene-d10	19.37	212	150119	9.02	ng/ul	0.01
90) Benzo(a)pyrene-d12	23.22	264	183453	11.29	ng/ul	0.01
Target Compounds						Qvalue
45) Dimethylphthalate	13.66	163	45260	4.31	ng/ul	98
70) Phenanthrene	17.00	178	200893	12.33	ng/ul	99
72) Anthracene	17.09	178	44956	2.70	ng/ul	100
77) Fluoranthene	19.03	202	315504	17.70	ng/ul	99
80) Pyrene	19.39	202	345038	16.14	ng/ul	99
83) Benzo(a)anthracene	21.15	228	208818	10.72	ng/ul	98
85) Chrysene	21.20	228	195395	10.89	ng/ul	96
88) Benzo(b)fluoranthene	22.70	252	265853	14.10	ng/ul#	94
89) Benzo(k)fluoranthene	22.74	252	82948m	4.54	ng/ul	
91) Benzo(a)pyrene	23.26	252	202163	11.23	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.55	276	137618	6.78	ng/ul	97
93) Dibenzo(a,h)anthracene	25.54	278	40179	2.32	ng/ul#	81
94) Benzo(g,h,i)perylene	26.23	276	133075	7.87	ng/ul	95

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

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Instrument :
BNA_M
ClientSampleId :
C01R9RE

Manual Integrations APPROVED
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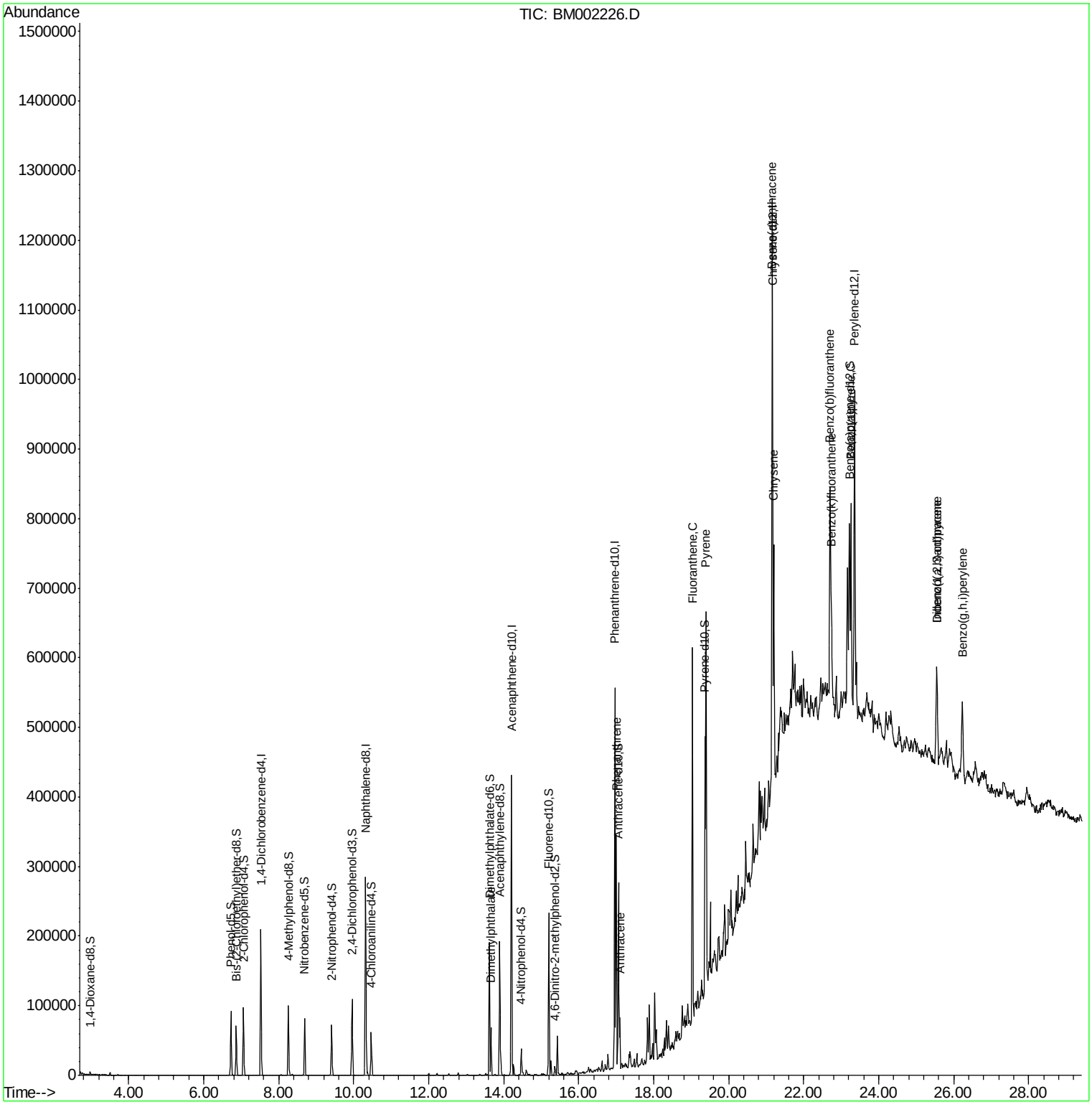
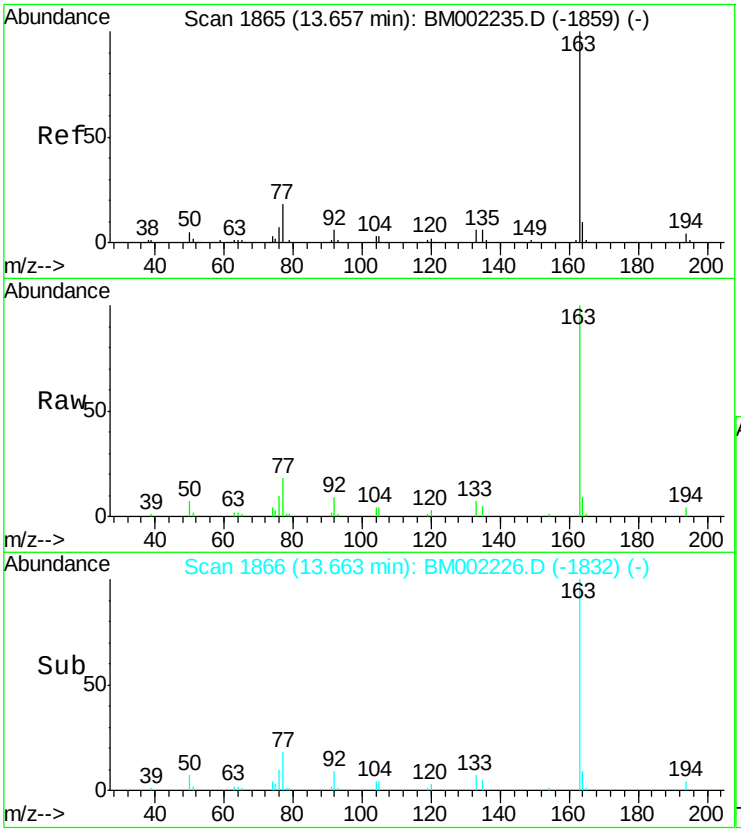
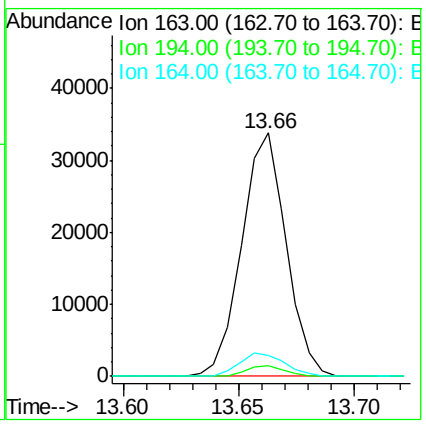




#45
Dimethylphthalate
Concen: 4.31 ng/ul
RT: 13.66 min Scan# 1866
Delta R.T. 0.00 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

Tgt Ion:163 Resp: 45260

Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	8.8	7.9	11.9



Instrument :
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ClientSampleId :
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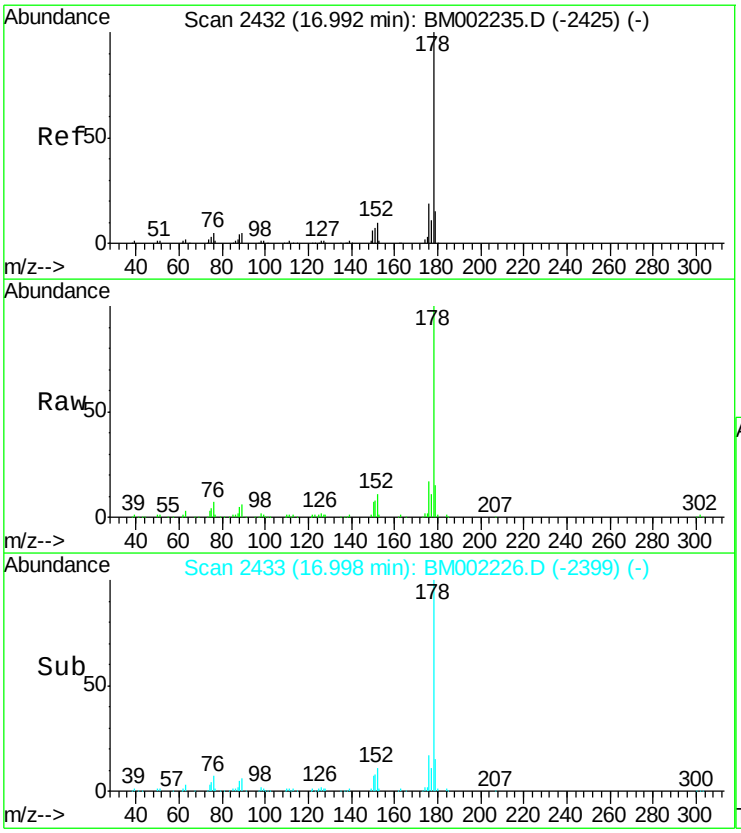
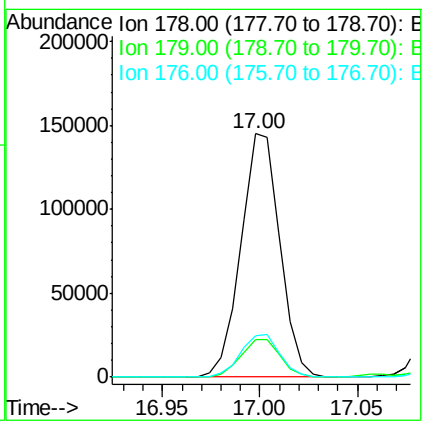
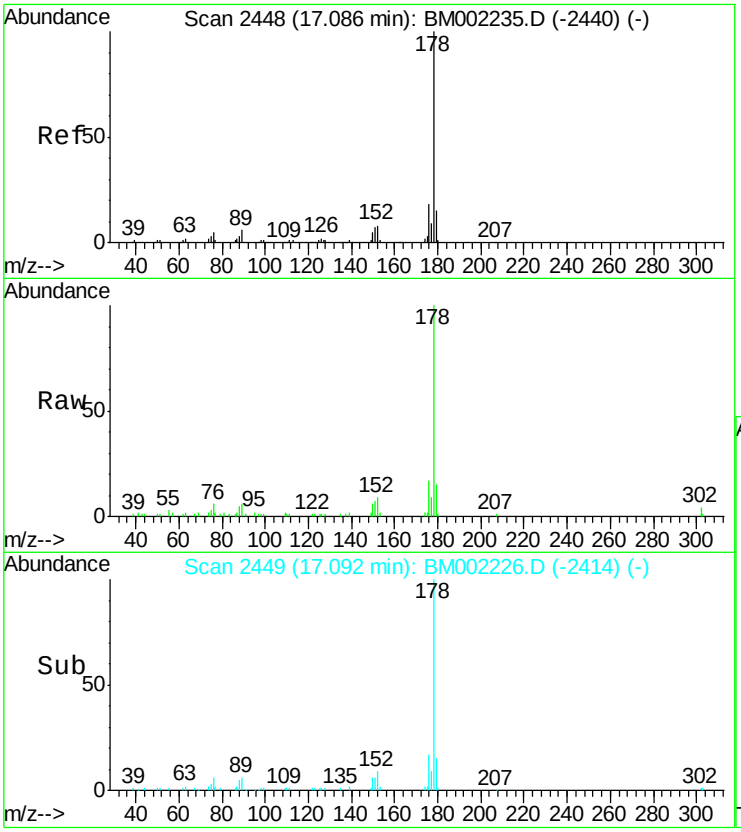


#70
Phenanthrene
Concen: 12.33 ng/ul
RT: 17.00 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

Tgt Ion:178 Resp: 200893

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	17.2	14.6	21.8

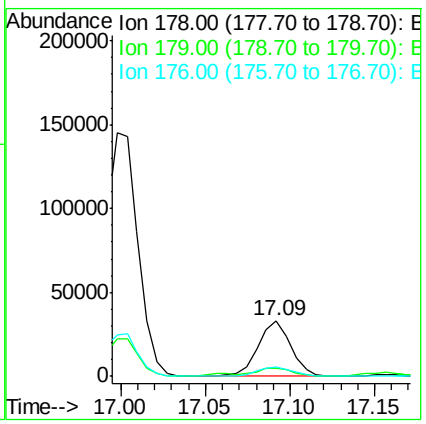




#72
Anthracene
Concen: 2.70 ng/ul
RT: 17.09 min Scan# 2449
Delta R.T. 0.01 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

Tgt Ion:178 Resp: 44956

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	17.4	13.8	20.6



Instrument :
BNA_M
ClientSampleId :
C01R9RE

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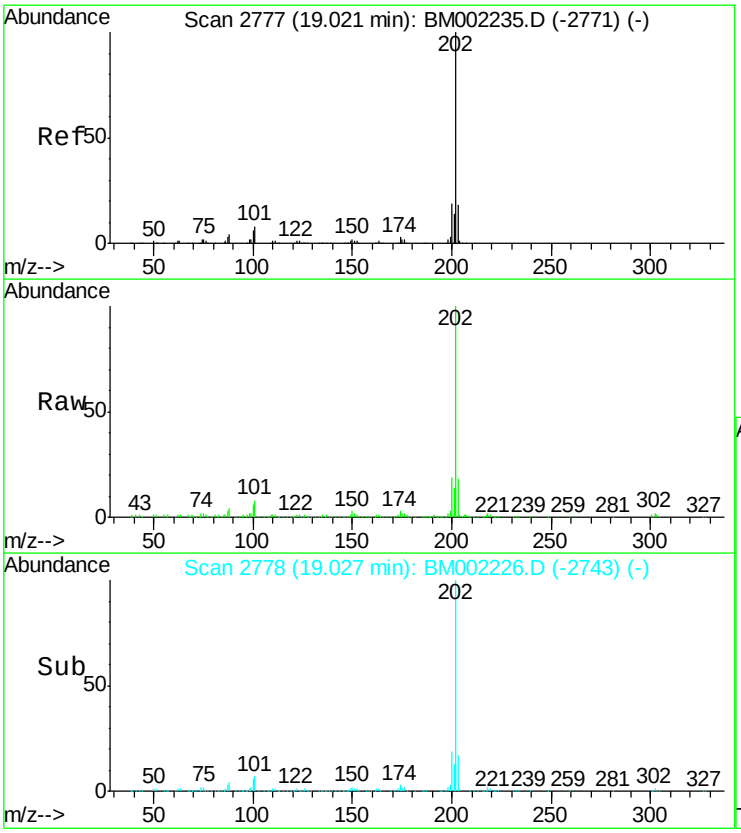
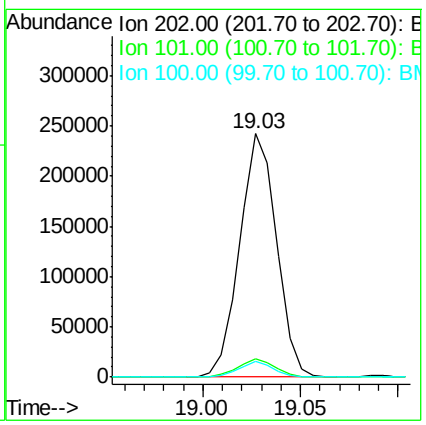
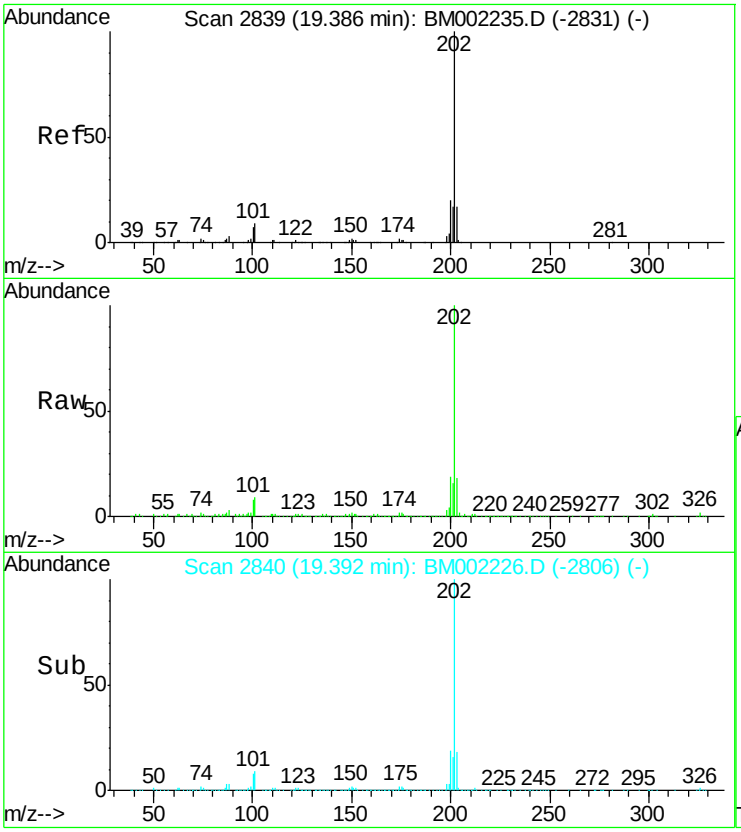


#77
Fluoranthene
Concen: 17.70 ng/ul
RT: 19.03 min Scan# 2778
Delta R.T. 0.01 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

Tgt Ion:202 Resp: 315504

Ion	Ratio	Lower	Upper
202	100		
101	7.5	6.2	9.2
100	6.3	4.8	7.2

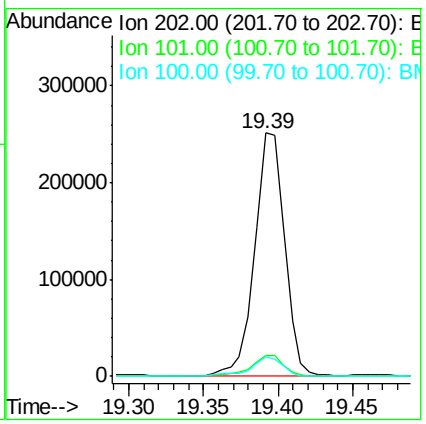




#80
Pyrene
Concen: 16.14 ng/ul
RT: 19.39 min Scan# 2840
Delta R.T. 0.00 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

Tgt Ion:202 Resp: 345038

Ion	Ratio	Lower	Upper
202	100		
101	8.8	7.0	10.6
100	8.1	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
C01R9RE

Manual Integrations APPROVED
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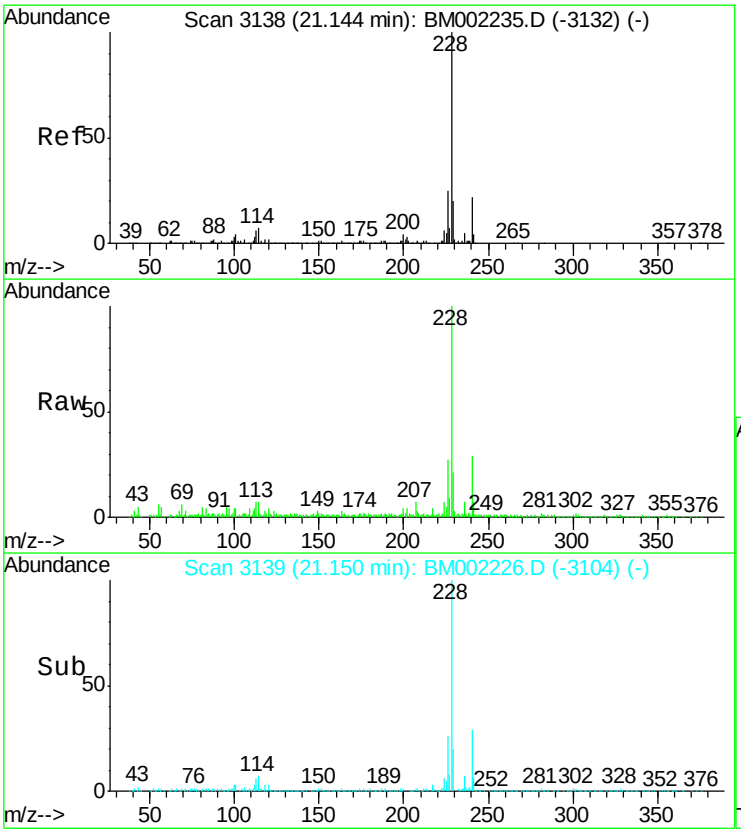
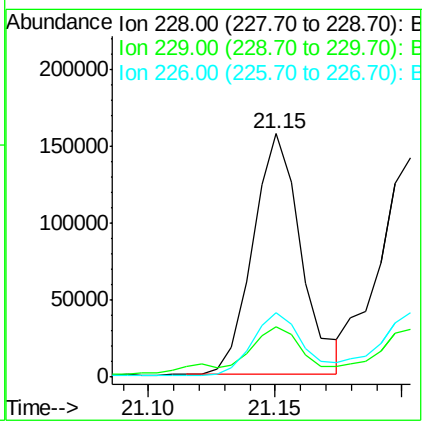
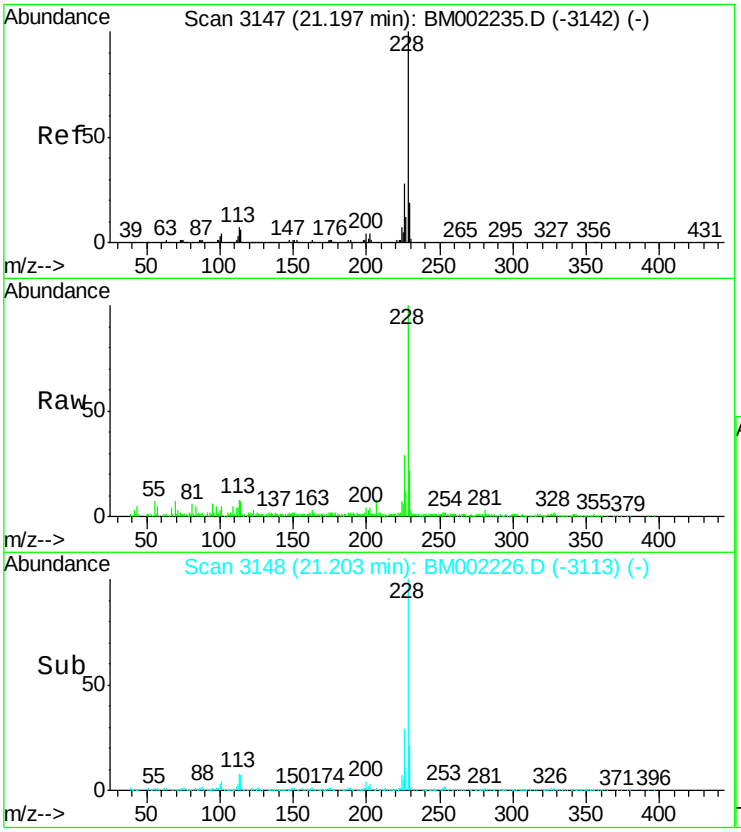


#83
Benzo(a)anthracene
Concen: 10.72 ng/ul
RT: 21.15 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

Tgt Ion:228 Resp: 208818

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.9	23.9
226	26.7	20.6	31.0





#85
Chrysene
Concen: 10.89 ng/ul
RT: 21.20 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

Tgt Ion:228 Resp: 195395

Ion	Ratio	Lower	Upper
228	100		
226	29.2	22.2	33.4
229	22.0	15.5	23.3

Instrument :
BNA_M
ClientSampleId :
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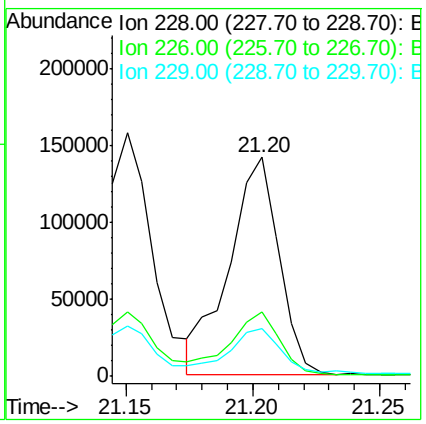
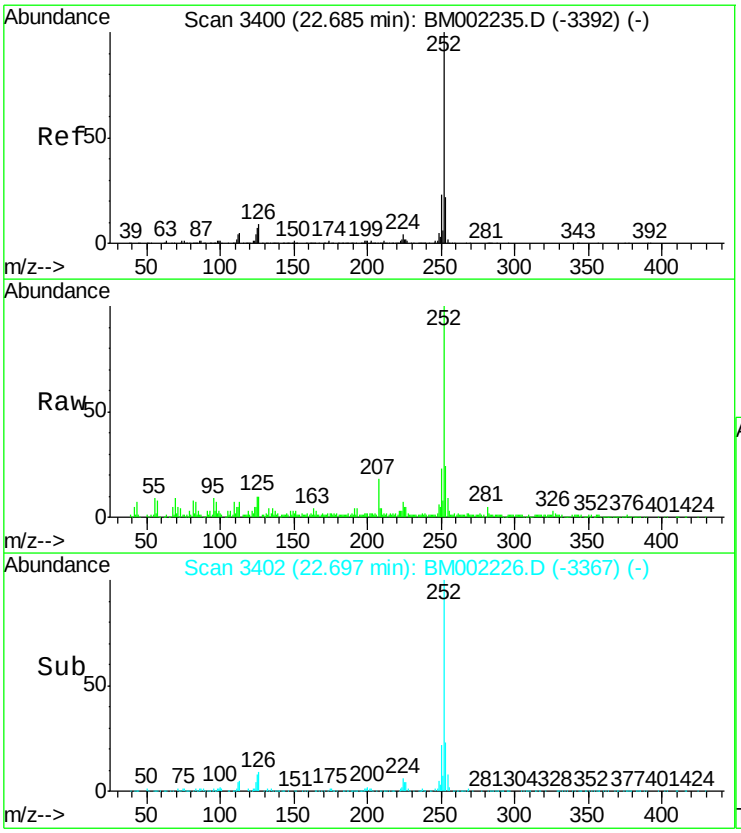
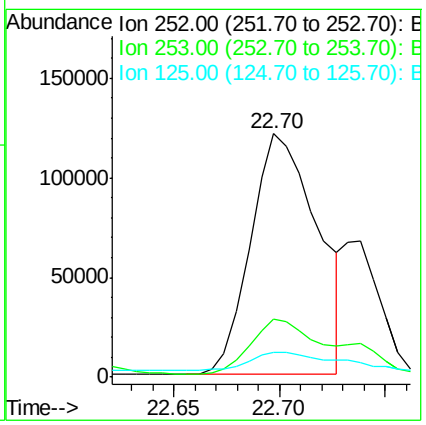


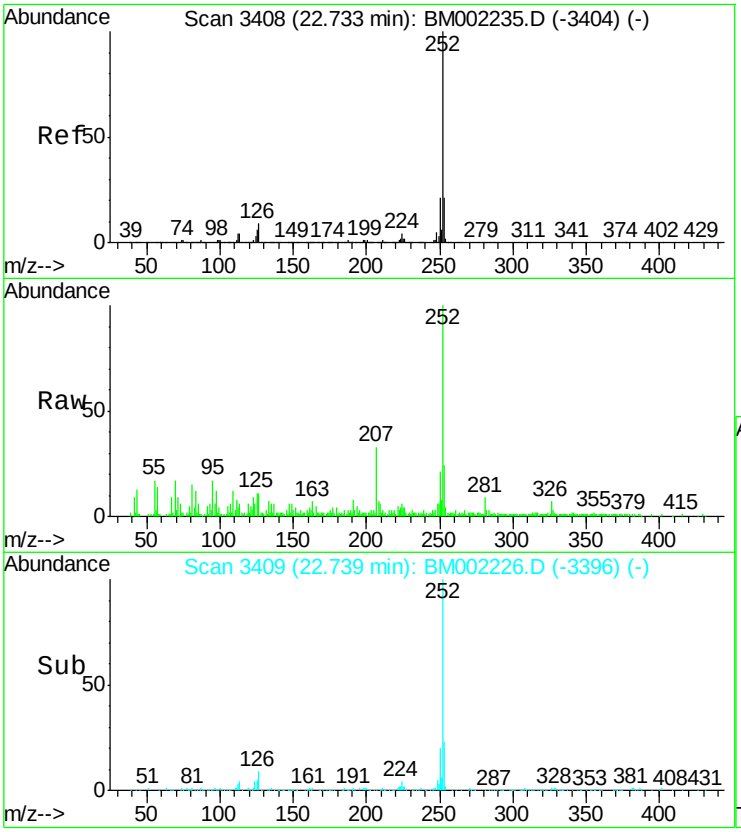


#88
Benzo(b)fluoranthene
Concen: 14.10 ng/ul
RT: 22.70 min Scan# 3402
Delta R.T. 0.01 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

Tgt Ion:252 Resp: 265853

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	10.3	5.4	8.2#

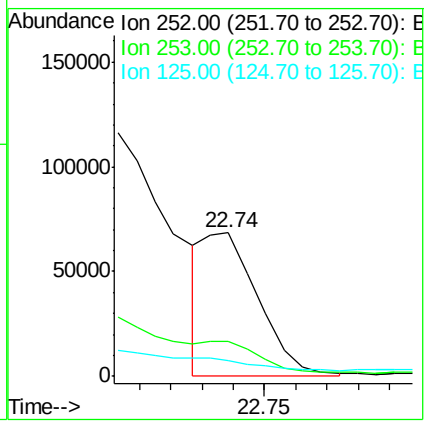




#89
Benzo(k)fluoranthene
Concen: 4.54 ng/ul m
RT: 22.74 min Scan# 3409
Delta R.T. 0.01 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

Tgt Ion:252 Resp: 82948

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.4	26.2
125	10.6	5.6	8.4#



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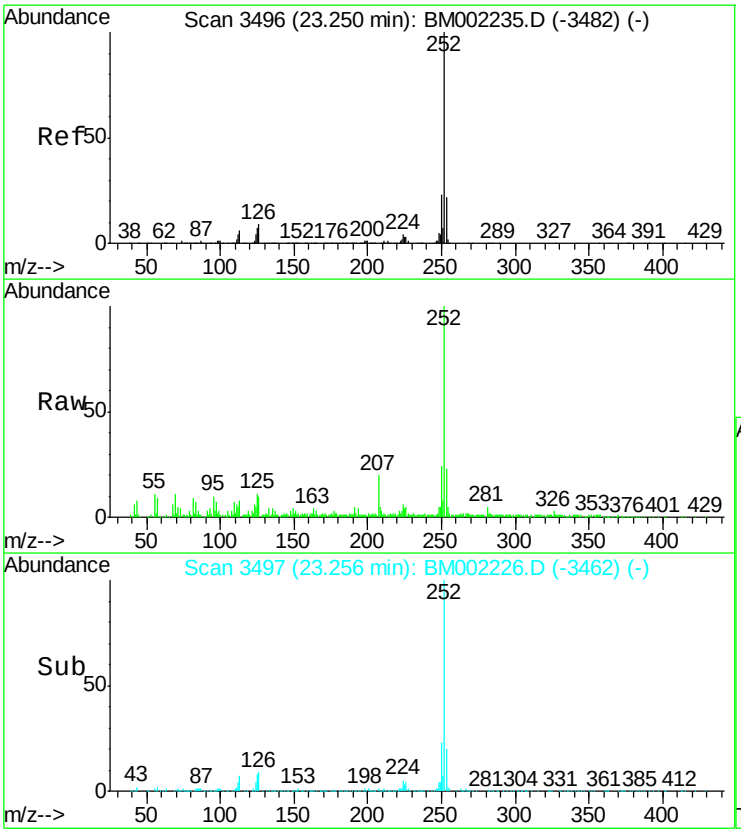
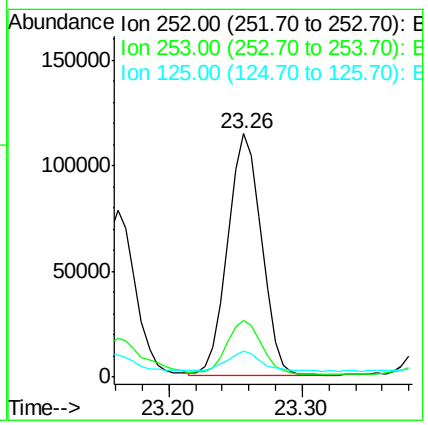
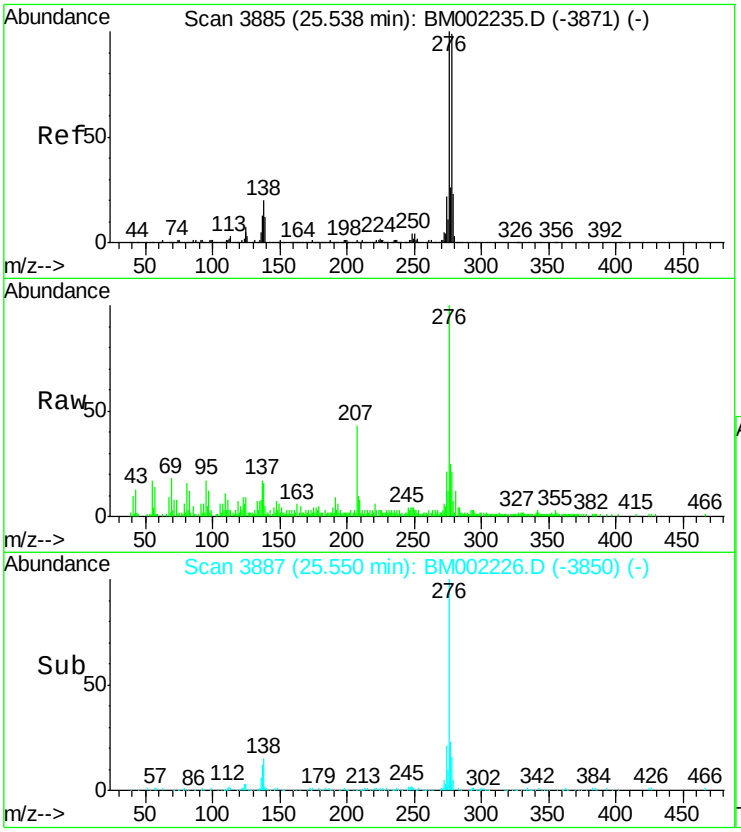


#91
Benzo(a)pyrene
Concen: 11.23 ng/ul
RT: 23.26 min Scan# 3497
Delta R.T. 0.01 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

Tgt Ion:252 Resp: 202163

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.4	26.0
125	10.6	6.1	9.1#

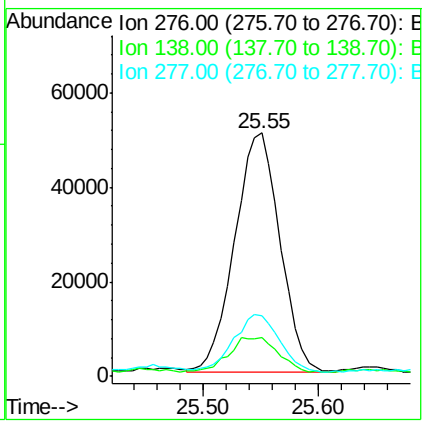




#92
Indeno(1,2,3-cd)pyrene
Concen: 6.78 ng/ul
RT: 25.55 min Scan# 3887
Delta R.T. 0.02 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

Tgt Ion:276 Resp: 137618

Ion	Ratio	Lower	Upper
276	100		
138	16.1	15.4	23.0
277	25.1	20.2	30.2



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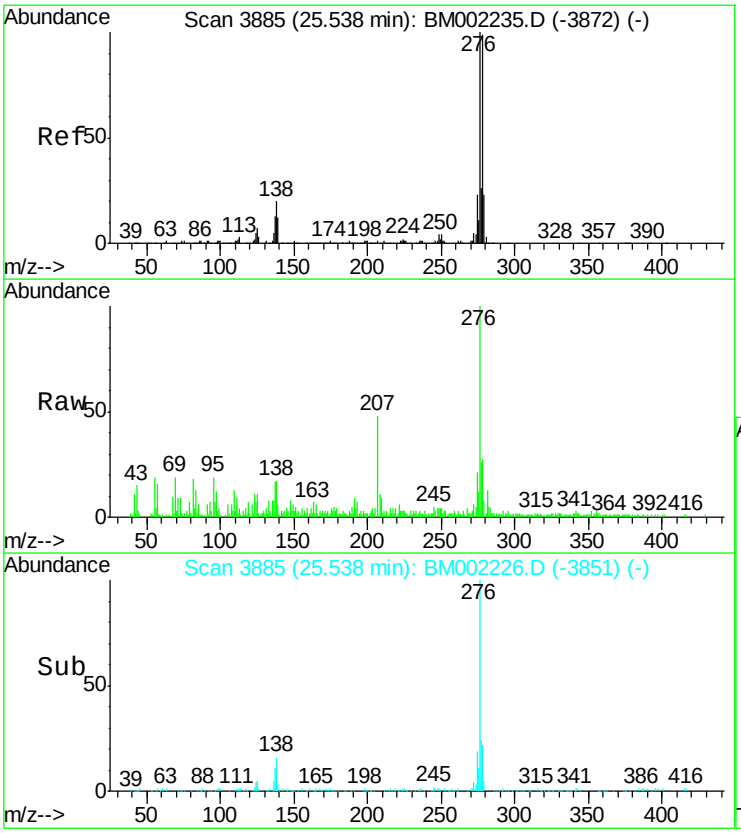
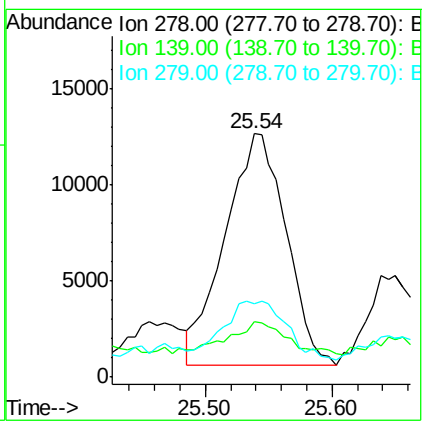
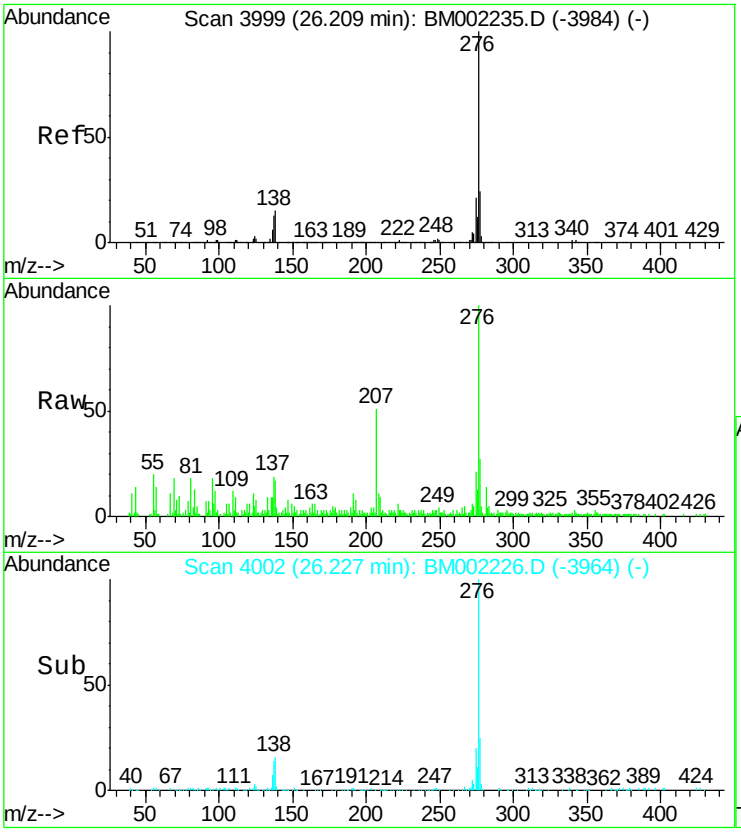


#93
Dibenzo(a,h)anthracene
Concen: 2.32 ng/ul
RT: 25.54 min Scan# 3885
Delta R.T. 0.00 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

Tgt Ion:278 Resp: 40179

Ion	Ratio	Lower	Upper
278	100		
139	22.9	10.4	15.6#
279	29.9	17.9	26.9#

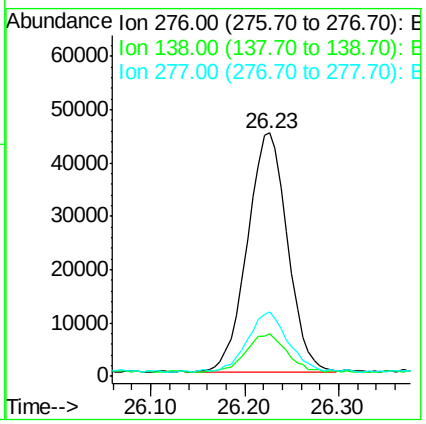




#94
Benzo(g,h,i)perylene
Concen: 7.87 ng/ul
RT: 26.23 min Scan# 4002
Delta R.T. 0.02 min
Lab File: BM002226.D
Acq: 05 Aug 2015 01:07

Tgt Ion:276 Resp: 133075

Ion	Ratio	Lower	Upper
276	100		
138	17.4	12.5	18.7
277	26.6	19.4	29.0



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