Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061516\
Data File : BM005800.D
Acq On : 15 Jun 2016 00:31
Operator : UM/SJ
Sample : H3565-08
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y01

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Quant Time: Jun 15 02:07:33 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM061516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 15 01:42:36 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	90331	20.00	ng/ul	0.00
7) Naphthalene-d8	10.53	136	414457	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.39	164	217595	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.13	188	433696	20.00	ng/ul	0.00
29) Chrysene-d12	21.32	240	465481	20.00	ng/ul	0.00
34) Perylene-d12	23.57	264	502020	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.19	96	957	0.49	ng/uL	0.00
3) Phenol-d5	6.93	99	20299	2.74	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.07	67	24184	5.48	ng/ul	0.00
5) 2-Chlorophenol-d4	7.28	132	27432	4.44	ng/ul	0.00
6) 4-Methylphenol-d8	8.47	113	7114	1.13	ng/ul	0.01
8) Nitrobenzene-d5	8.90	128	12321	4.20	ng/ul	0.00
9) 2-Nitrophenol-d4	9.63	143	13719	4.21	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.17	165	23918m	3.83	ng/ul	0.01
12) 4-Chloroaniline-d4	10.69	131	23096m	3.37	ng/ul	0.01
16) Dimethylphthalate-d6	13.79	166	133998	7.76	ng/ul	0.00
17) Acenaphthylene-d8	14.08	160	152417	6.95	ng/ul	0.00
20) 4-Nitrophenol-d4	14.64	143	18592m	9.36	ng/ul	0.02
21) Fluorene-d10	15.38	176	117346	8.16	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.53	200	12257	6.32	ng/ul	0.00
26) Anthracene-d10	17.23	188	233140	11.59	ng/ul	0.00
30) Pyrene-d10	19.52	212	381088	16.82	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.43	264	434240	18.73	ng/ul	0.00
Target Compounds						Qvalue
18) Acenaphthylene	14.11	152	53116	2.40	ng/ul	99
25) Phenanthrene	17.17	178	179314	7.54	ng/ul	100
27) Anthracene	17.26	178	55346	2.35	ng/ul	99
28) Fluoranthene	19.19	202	664583	26.25	ng/ul	100
31) Pyrene	19.56	202	561122	19.63	ng/ul	97
32) Benzo(a)anthracene	21.30	228	356161	13.23	ng/ul	97
33) Chrysene	21.35	228	344628	13.06	ng/ul	97
35) Benzo(b)fluoranthene	22.89	252	527638	17.59	ng/ul	98
36) Benzo(k)fluoranthene	22.93	252	176775m	6.37	ng/ul	
38) Benzo(a)pyrene	23.47	252	339431	11.85	ng/ul	99
39) Indeno(1,2,3-cd)pyrene	25.85	276	261565	7.96	ng/ul	94
40) Dibenzo(a,h)anthracene	25.84	278	68479	2.49	ng/ul#	76
41) Benzo(g,h,i)perylene	26.56	276	222373	7.82	ng/ul	99

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

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ClientSampleId :
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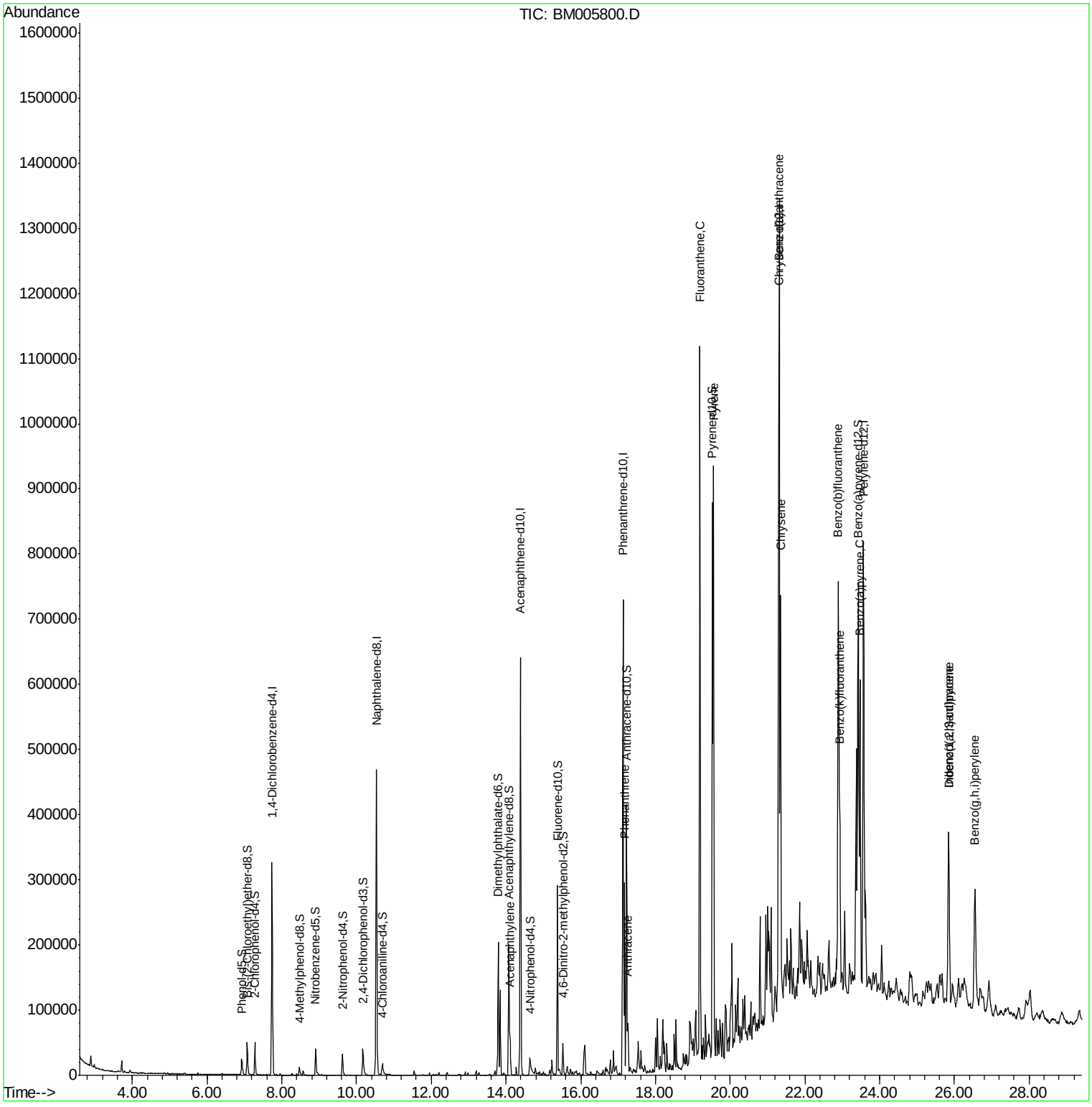
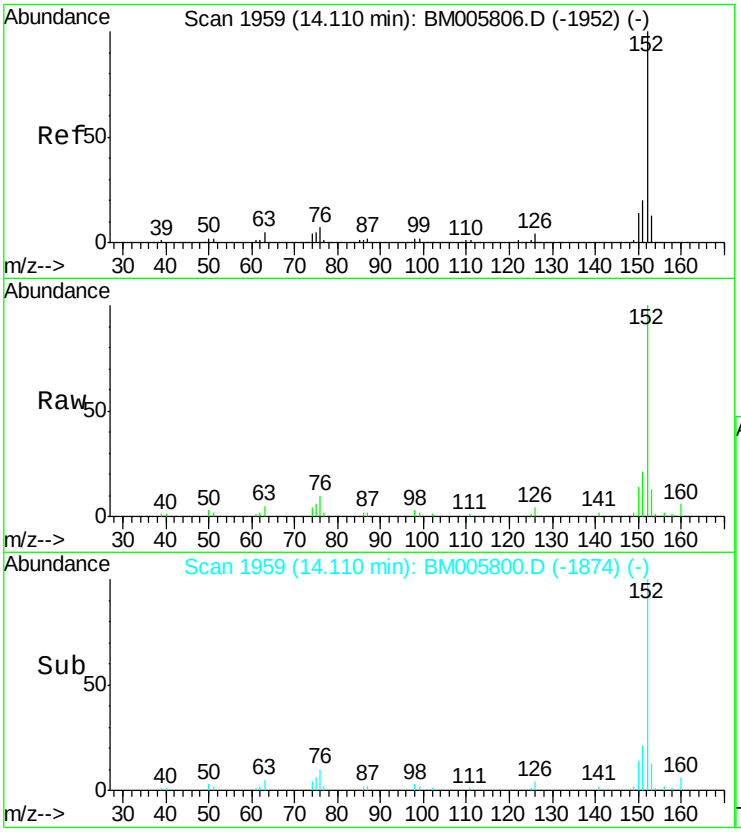
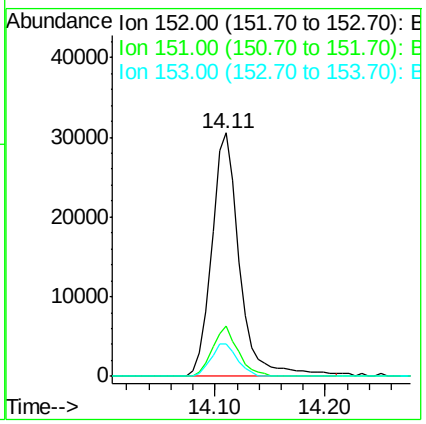




#18
Acenaphthylene
Concen: 2.40 ng/ul
RT: 14.11 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Tgt Ion:152 Resp: 53116

Ion	Ratio	Lower	Upper
152	100		
151	20.5	15.8	23.6
153	13.2	10.3	15.5



Instrument :
BNA_M
ClientSampleId :
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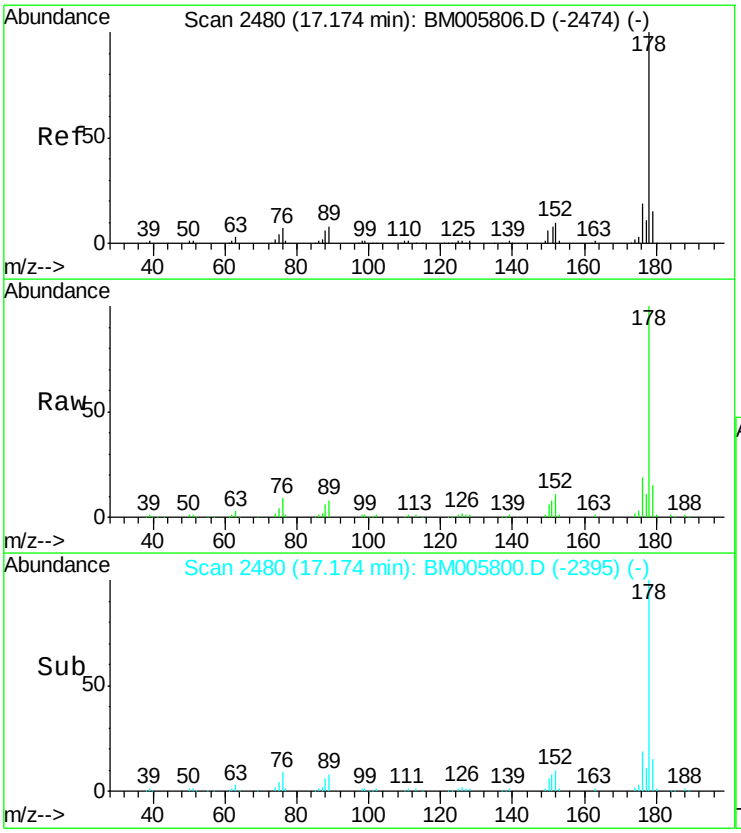
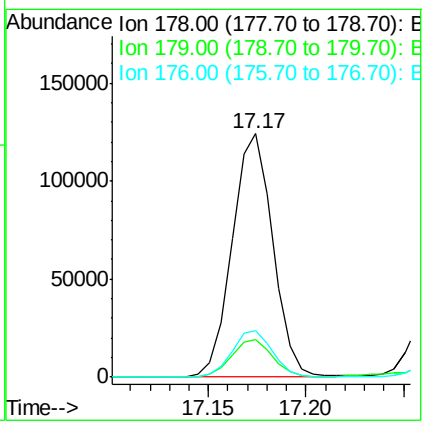
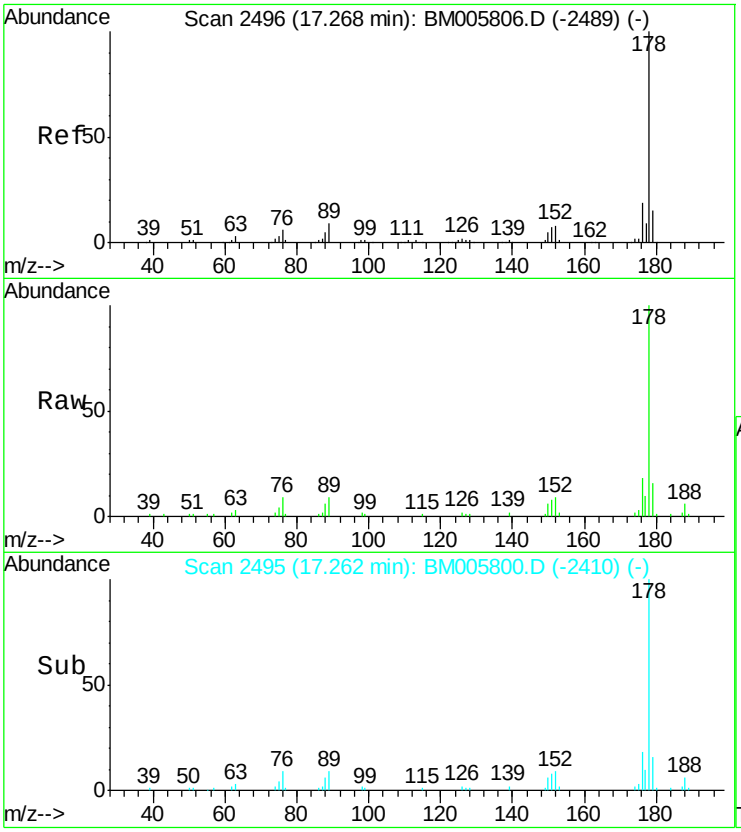


#25
Phenanthrene
Concen: 7.54 ng/ul
RT: 17.17 min Scan# 2480
Delta R.T. -0.00 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Tgt Ion:178 Resp: 179314

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.9	15.3	22.9

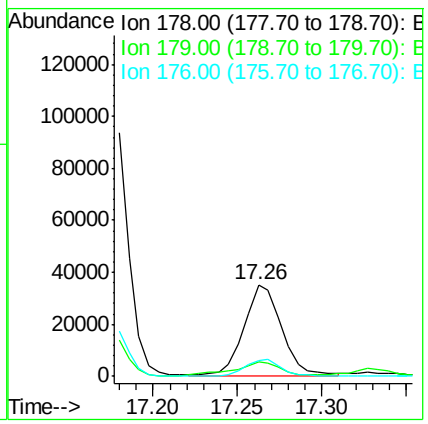




#27
Anthracene
Concen: 2.35 ng/ul
RT: 17.26 min Scan# 2495
Delta R.T. -0.00 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Tgt Ion:178 Resp: 55346

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	17.8	14.6	22.0



Instrument :
BNA_M
ClientSampleId :
D9Y01

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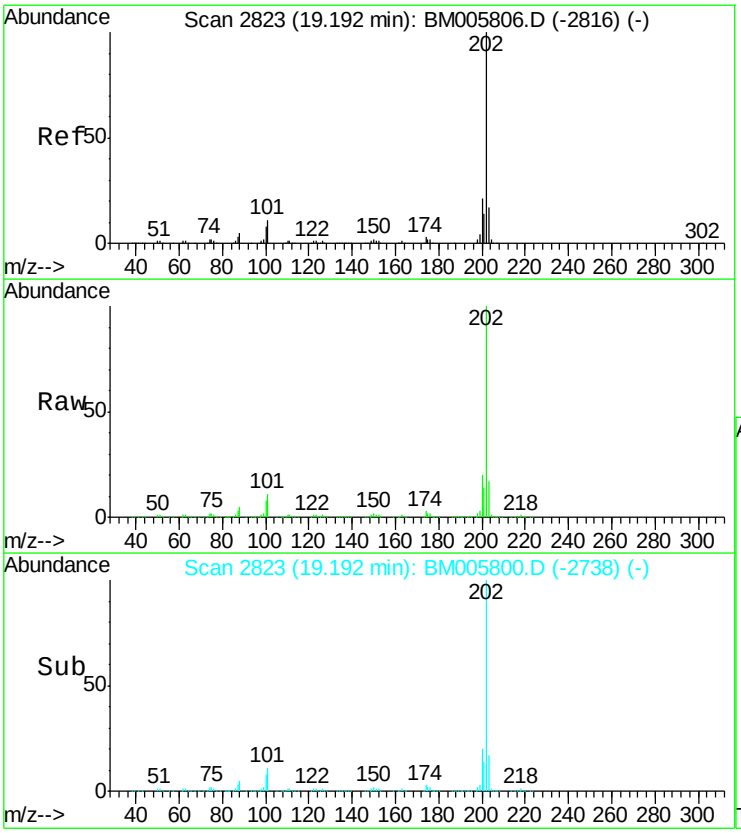
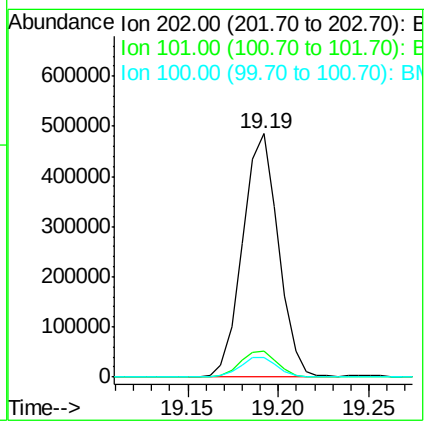
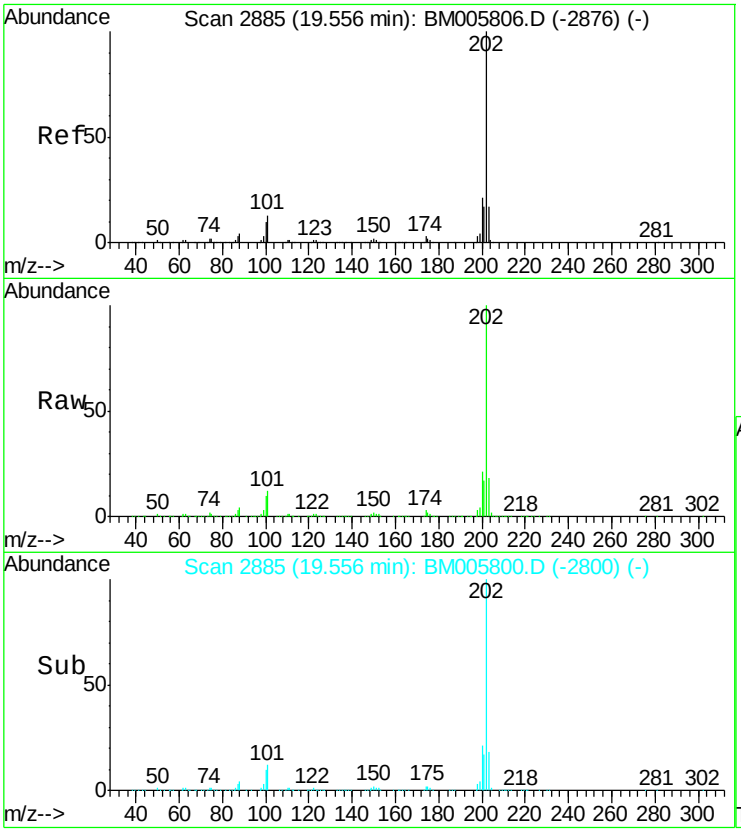


#28
Fluoranthene
Concen: 26.25 ng/ul
RT: 19.19 min Scan# 2823
Delta R.T. -0.00 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Tgt Ion:202 Resp: 664583

Ion	Ratio	Lower	Upper
202	100		
101	10.8	8.5	12.7
100	8.0	6.5	9.7

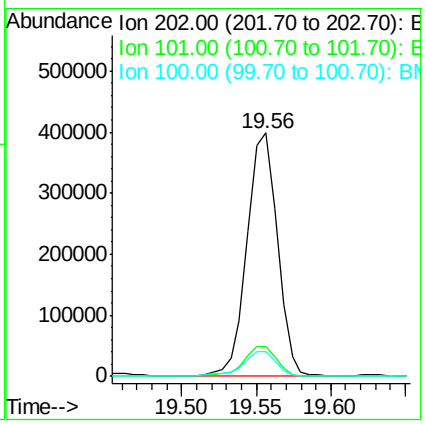




#31
Pyrene
Concen: 19.63 ng/ul
RT: 19.56 min Scan# 2885
Delta R.T. -0.00 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Tgt Ion:202 Resp: 561122

Ion	Ratio	Lower	Upper
202	100		
101	12.5	11.0	16.4
100	10.2	8.9	13.3



Instrument :
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ClientSampleId :
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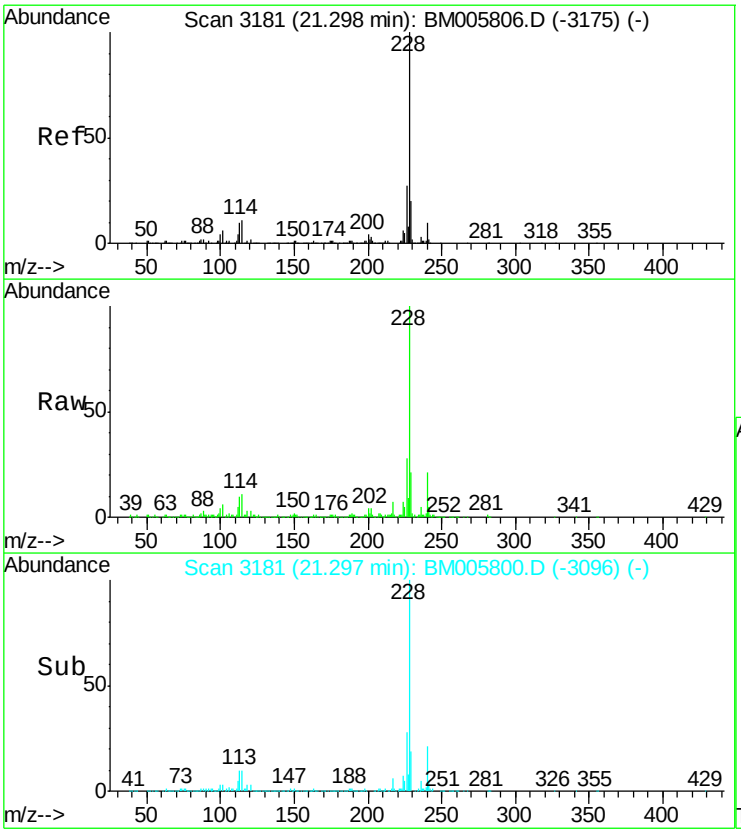
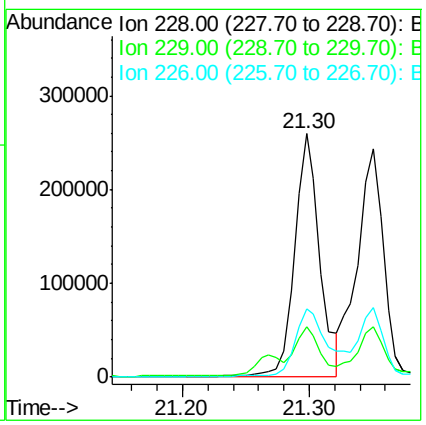
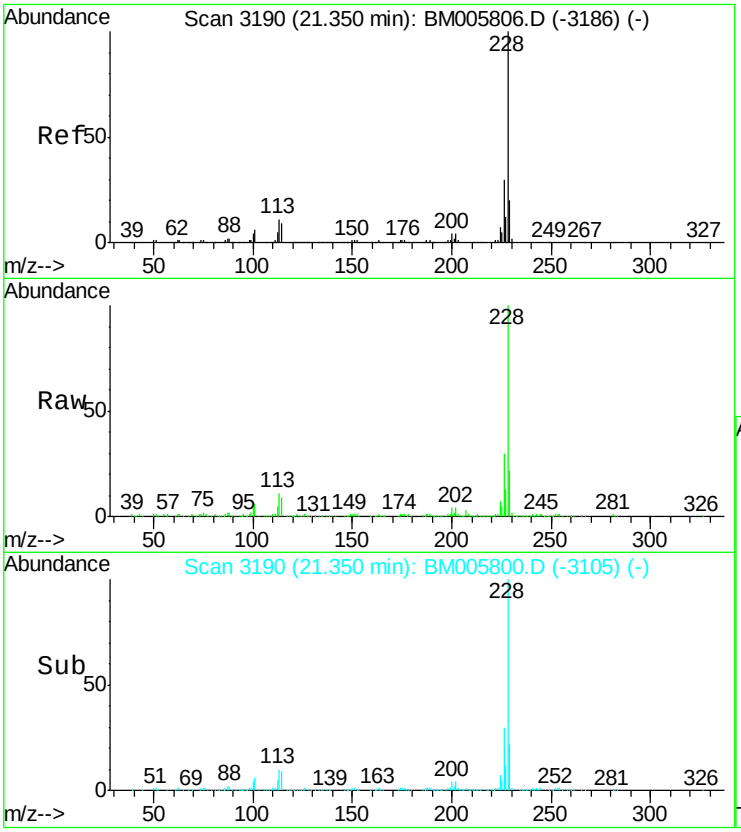


#32
Benzo(a)anthracene
Concen: 13.23 ng/ul
RT: 21.30 min Scan# 3181
Delta R.T. -0.00 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Tgt Ion:228 Resp: 356161

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.6	23.4
226	28.3	21.6	32.4

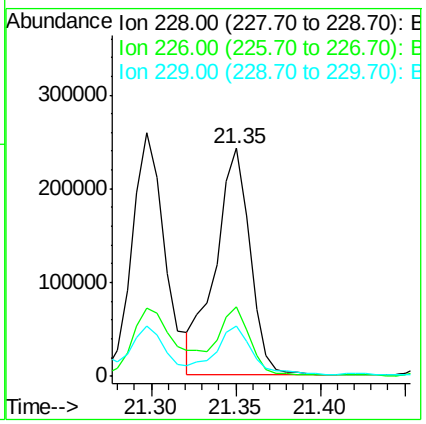




#33
Chrysene
Concen: 13.06 ng/ul
RT: 21.35 min Scan# 3190
Delta R.T. -0.00 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Tgt Ion:228 Resp: 344628

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.6
229	22.3	15.8	23.6



Instrument :
BNA_M
ClientSampleId :
D9Y01

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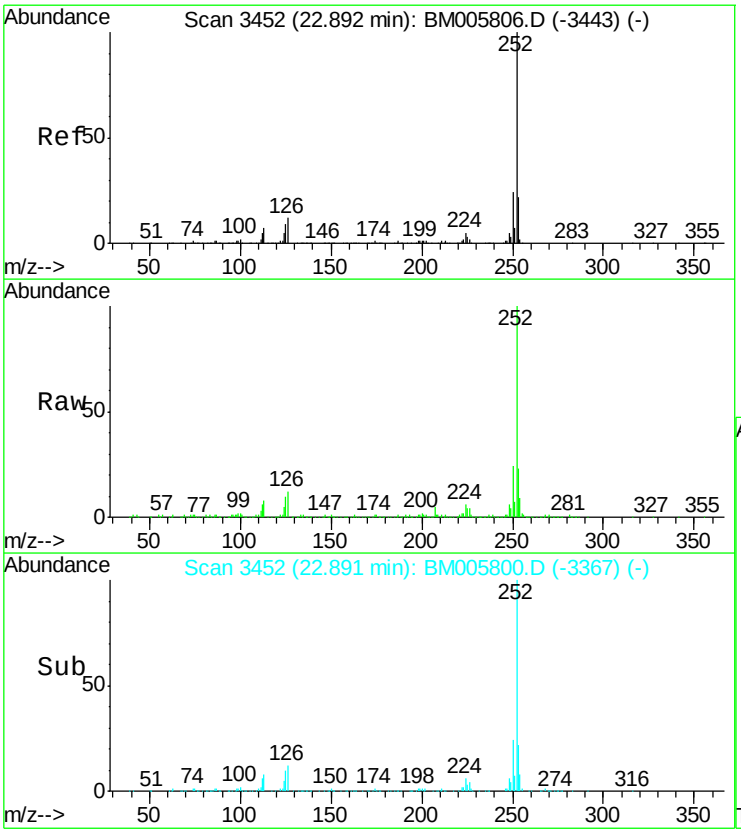
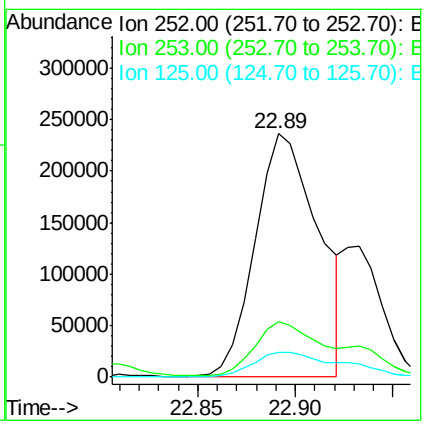
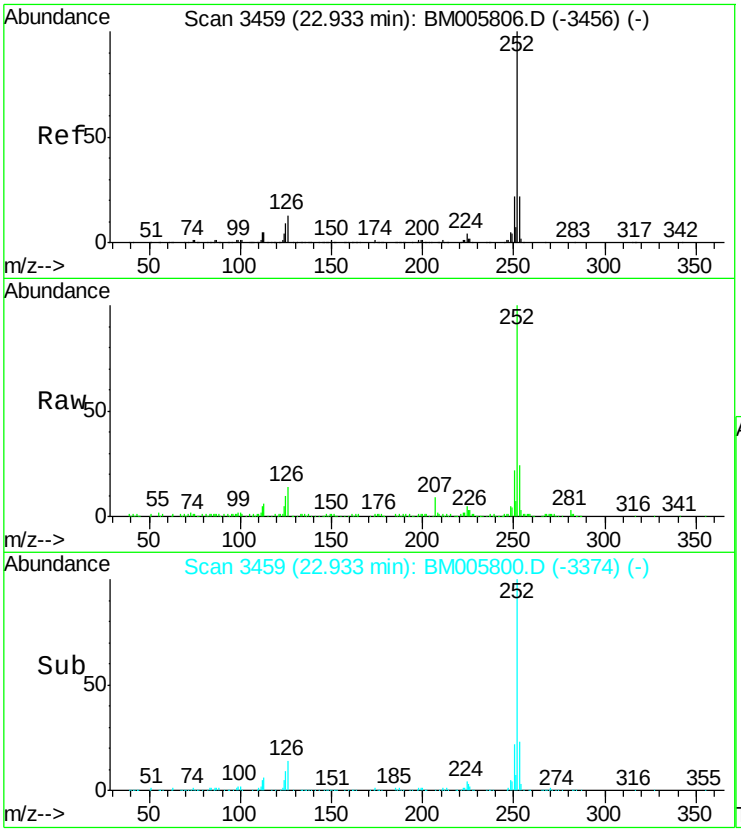


#35
Benzo(b)fluoranthene
Concen: 17.59 ng/ul
RT: 22.89 min Scan# 3452
Delta R.T. -0.00 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Tgt Ion:252 Resp: 527638

Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.2	25.8
125	10.2	7.8	11.6

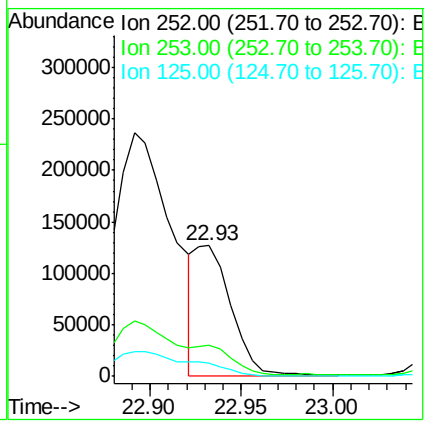




#36
Benzo(k)fluoranthene
Concen: 6.37 ng/ul m
RT: 22.93 min Scan# 3459
Delta R.T. -0.00 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Tgt Ion:252 Resp: 176775

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.6	26.4
125	9.6	8.1	12.1



Instrument :
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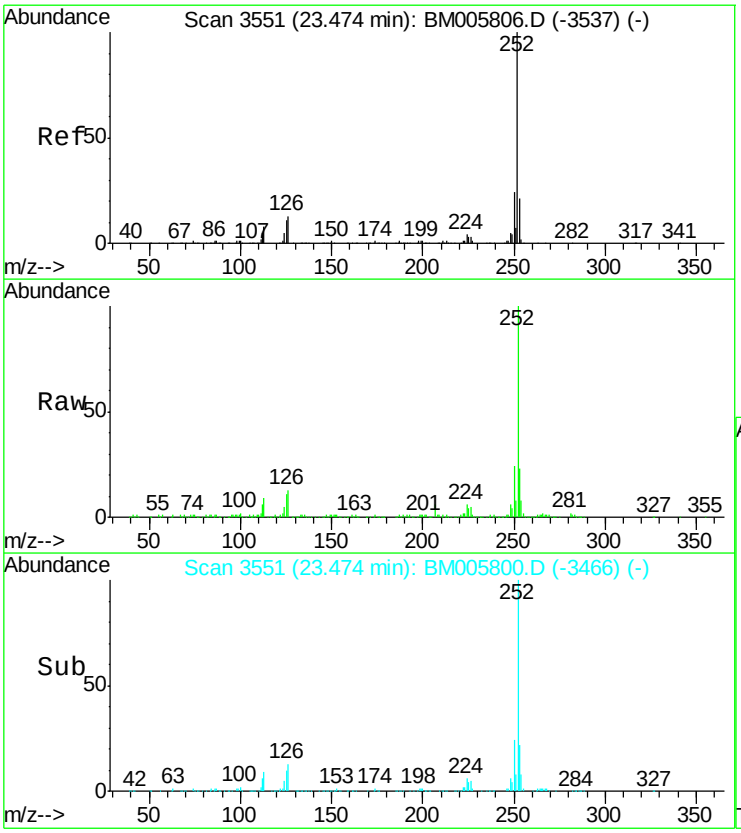
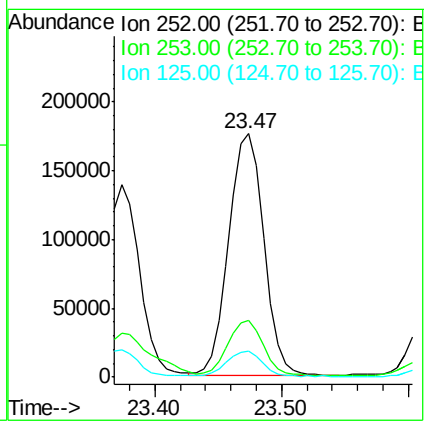
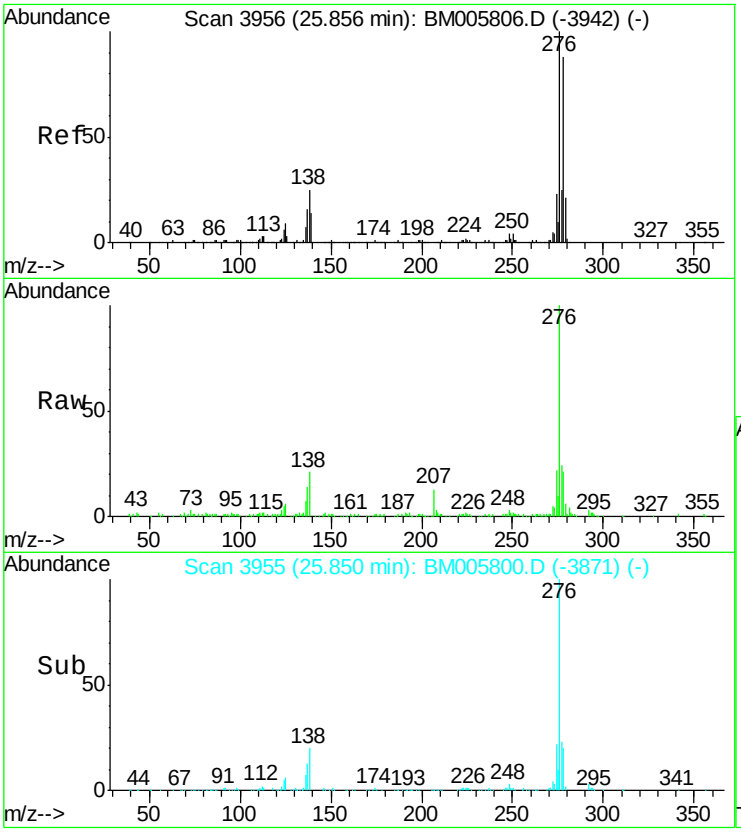


#38
Benzo(a)pyrene
Concen: 11.85 ng/ul
RT: 23.47 min Scan# 3551
Delta R.T. -0.00 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Tgt Ion:252 Resp: 339431

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.8	26.6
125	10.6	8.7	13.1

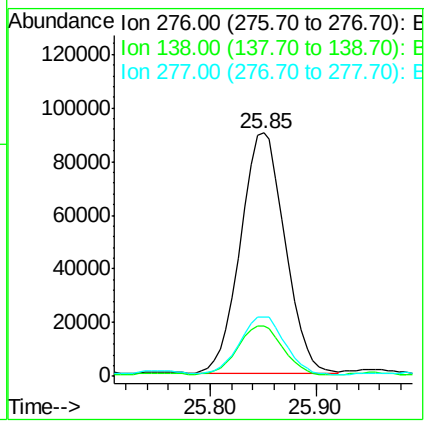




#39
Indeno(1,2,3-cd)pyrene
Concen: 7.96 ng/ul
RT: 25.85 min Scan# 3955
Delta R.T. -0.01 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Tgt Ion:276 Resp: 261565

Ion	Ratio	Lower	Upper
276	100		
138	20.8	20.4	30.6
277	24.3	20.6	30.8



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ClientSampleId :
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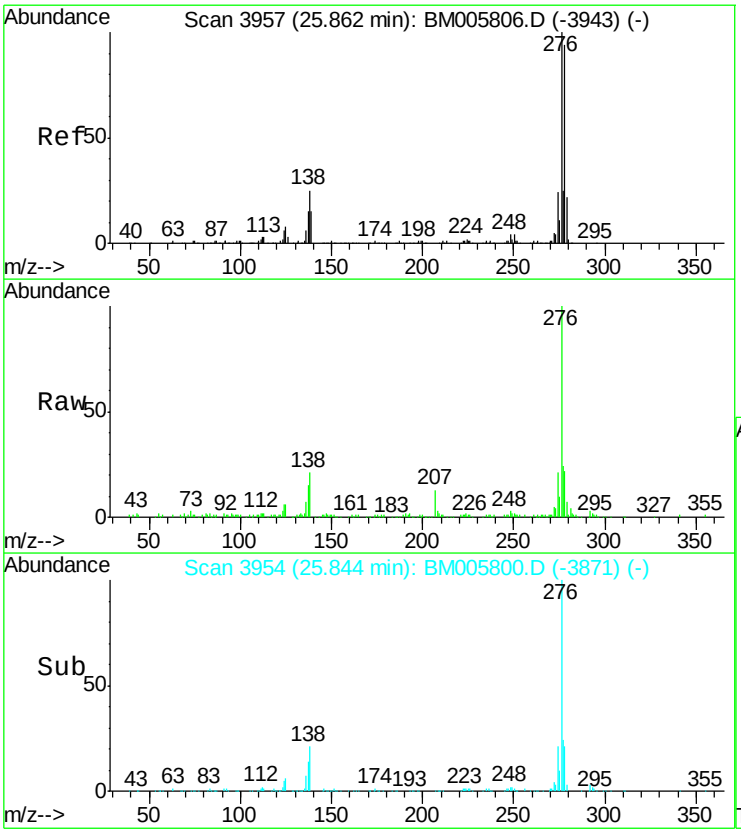
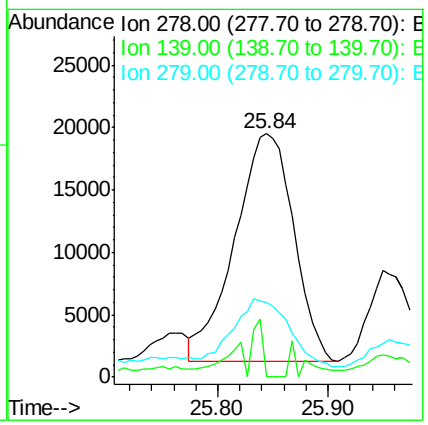
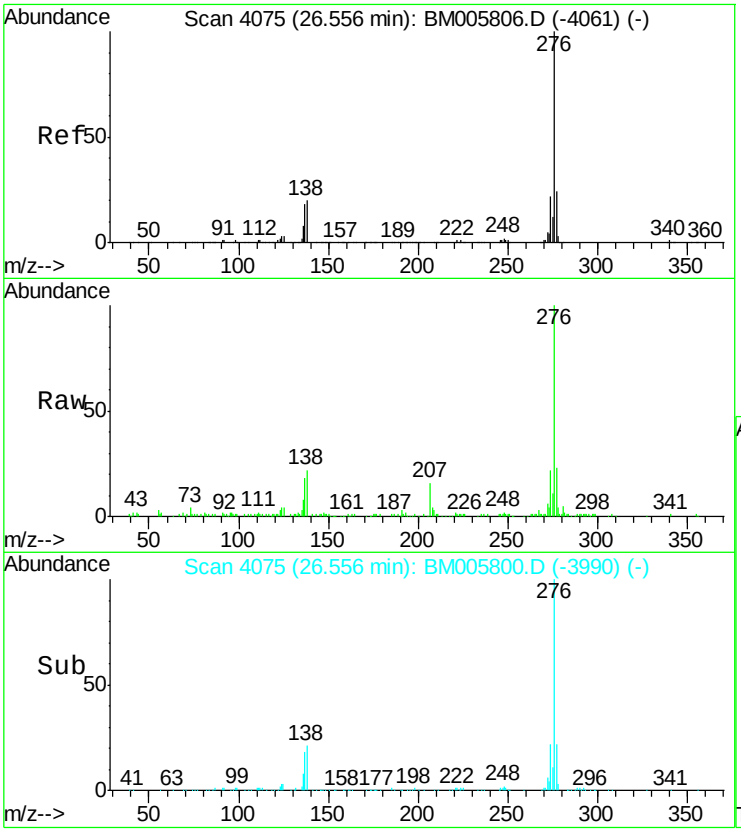


#40
Dibenzo(a,h)anthracene
Concen: 2.49 ng/ul
RT: 25.84 min Scan# 3954
Delta R.T. -0.01 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Tgt Ion:278 Resp: 68479

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	30.4	18.8	28.2#

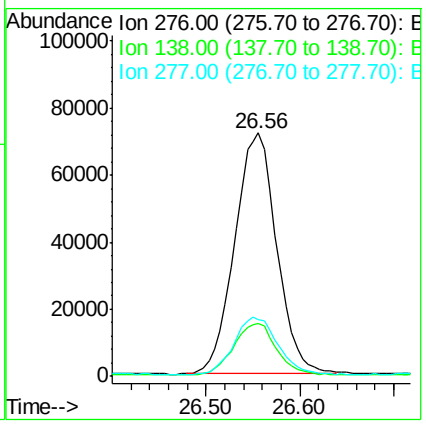




#41
Benzo(g,h,i)perylene
Concen: 7.82 ng/ul
RT: 26.56 min Scan# 4075
Delta R.T. -0.00 min
Lab File: BM005800.D
Acq: 15 Jun 2016 00:31

Tgt Ion:276 Resp: 222373

Ion	Ratio	Lower	Upper
276	100		
138	21.6	16.6	25.0
277	23.4	18.9	28.3



Instrument :
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ClientSampleId :
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