Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070116\
Data File : BM006177.D
Acq On : 01 Jul 2016 11:50
Operator : UM/SJ
Sample : H3780-04MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YF4MS

Manual Integrations APPROVED
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Quant Time: Jul 01 17:46:25 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062816.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Jun 29 00:57:09 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	340722	20.00	ng/ul	0.00
7) Naphthalene-d8	10.45	136	1616249	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.32	164	943959	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.07	188	2085372	20.00	ng/ul	0.02
29) Chrysene-d12	21.27	240	1691602	20.00	ng/ul	0.02
34) Perylene-d12	23.50	264	1655864	20.00	ng/ul	0.04
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.16	96	7448	1.02	ng/uL	0.00
3) Phenol-d5	6.84	99	461046	16.56	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	7.00	67	272330	16.59	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	348881	16.33	ng/ul	0.00
6) 4-Methylphenol-d8	8.37	113	381827	17.04	ng/ul	0.01
8) Nitrobenzene-d5	8.82	128	184343	16.93	ng/ul	0.01
9) 2-Nitrophenol-d4	9.53	143	212055	17.02	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.07	165	371856	16.36	ng/ul	0.01
12) 4-Chloroaniline-d4	10.59	131	304437	16.94	ng/ul	0.01
16) Dimethylphthalate-d6	13.72	166	1140583	16.86	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1450235	17.66	ng/ul	0.01
20) 4-Nitrophenol-d4	14.54	143	226138	17.61	ng/ul	0.03
21) Fluorene-d10	15.31	176	1004857	17.40	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.45	200	185284	25.09	ng/ul	0.02
26) Anthracene-d10	17.16	188	1571892	18.79	ng/ul	0.01
30) Pyrene-d10	19.47	212	1599450	23.48	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.36	264	1226354	18.61	ng/ul	0.04
Target Compounds						Qvalue
19) Acenaphthene	14.38	153	876851	15.98	ng/ul	100
25) Phenanthrene	17.11	178	1056505	10.71	ng/ul	99
27) Anthracene	17.20	178	239611	2.36	ng/ul	99
28) Fluoranthene	19.13	202	2724111	22.54	ng/ul	98
31) Pyrene	19.50	202	3613491	40.50	ng/ul	95
32) Benzo(a)anthracene	21.25	228	1048668	11.92	ng/ul	98
33) Chrysene	21.30	228	1124263	13.88	ng/ul	97
35) Benzo(b)fluoranthene	22.83	252	1467415	17.08	ng/ul	98
36) Benzo(k)fluoranthene	22.87	252	506347m	6.28	ng/ul	
38) Benzo(a)pyrene	23.40	252	953483	11.74	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.74	276	760258	9.01	ng/ul#	92
40) Dibenzo(a,h)anthracene	25.73	278	203099	2.91	ng/ul#	75
41) Benzo(g,h,i)perylene	26.43	276	683341	9.67	ng/ul	98

(#) = 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 :
D9YF4MS

Manual Integrations APPROVED
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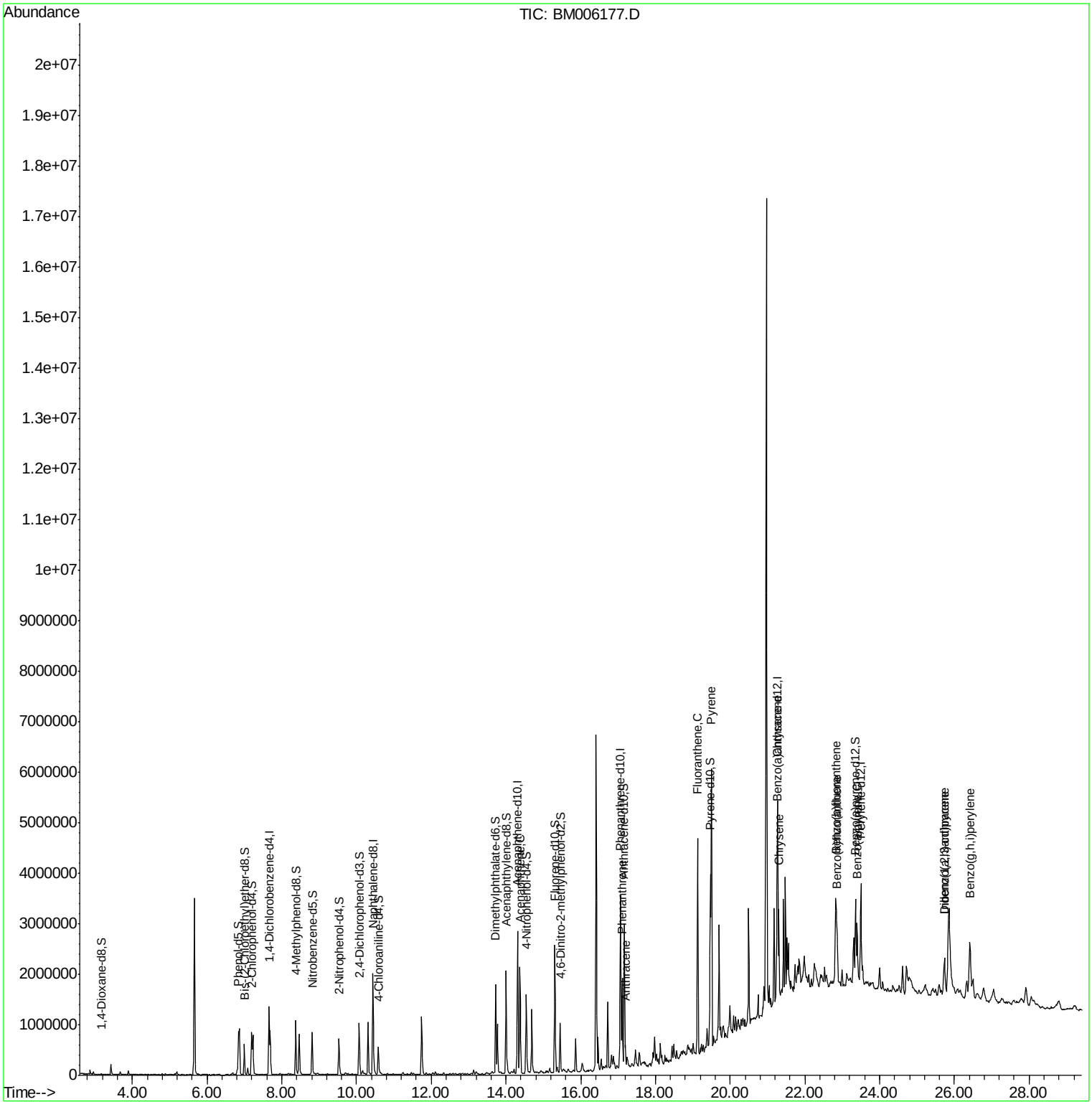
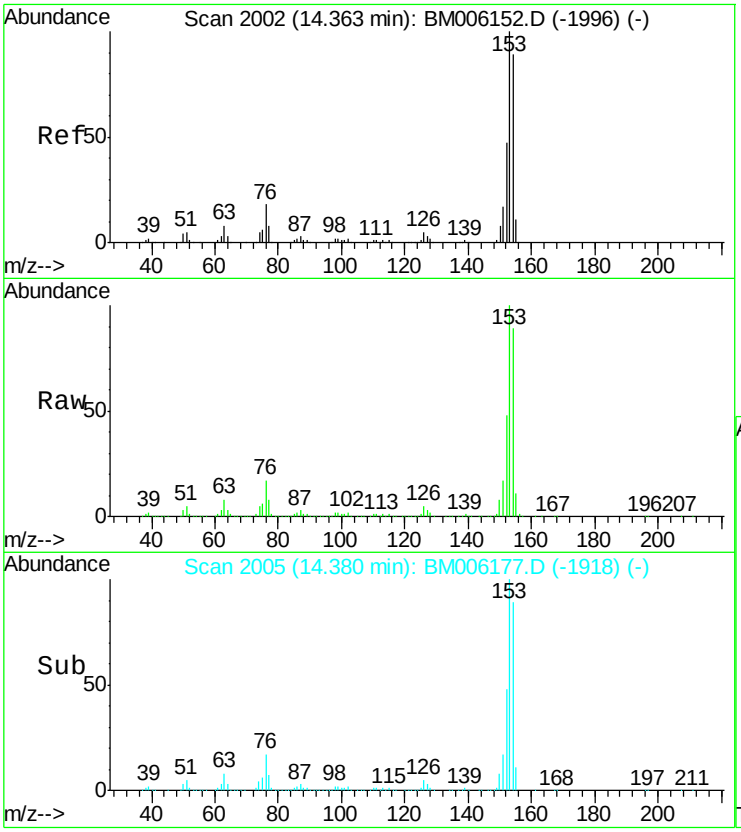
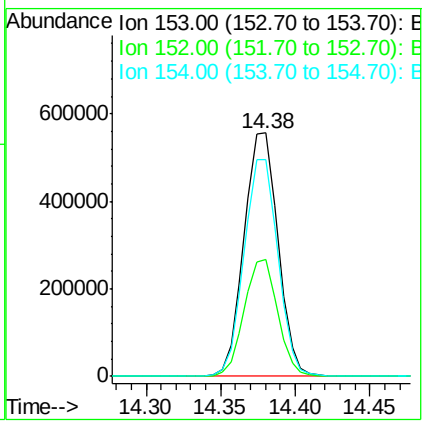




#19
Acenaphthene
Concen: 15.98 ng/ul
RT: 14.38 min Scan# 2005
Delta R.T. 0.01 min
Lab File: BM006177.D
Acq: 01 Jul 2016 11:50

Tgt Ion:153 Resp: 876851

Ion	Ratio	Lower	Upper
153	100		
152	47.8	38.1	57.1
154	89.1	71.6	107.4



Instrument :
BNA_M
ClientSampleId :
D9YF4MS

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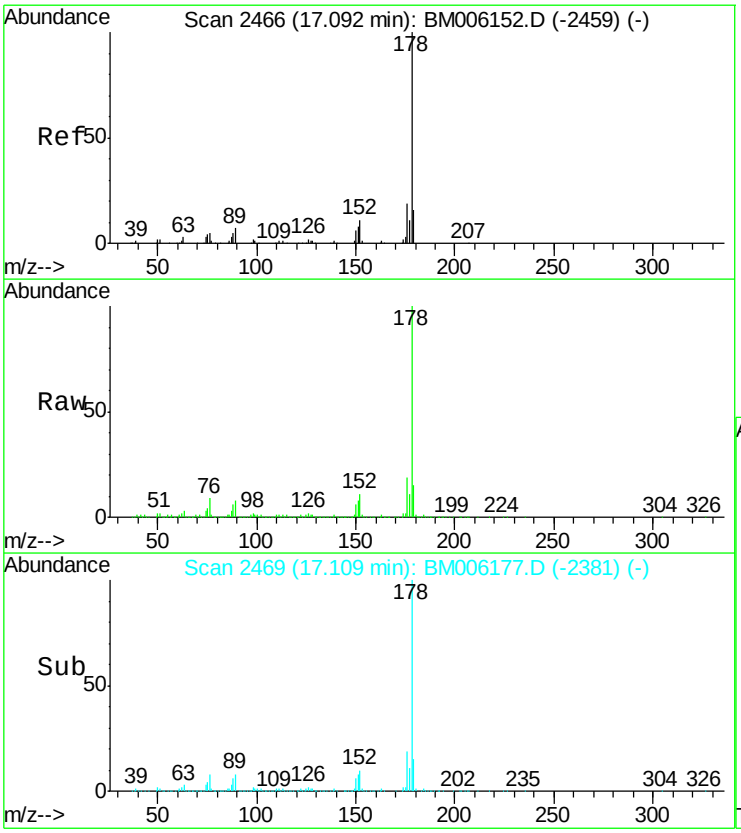
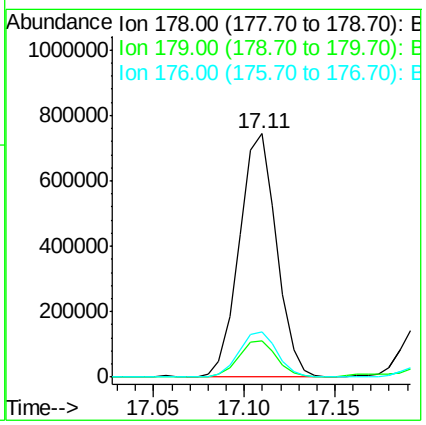
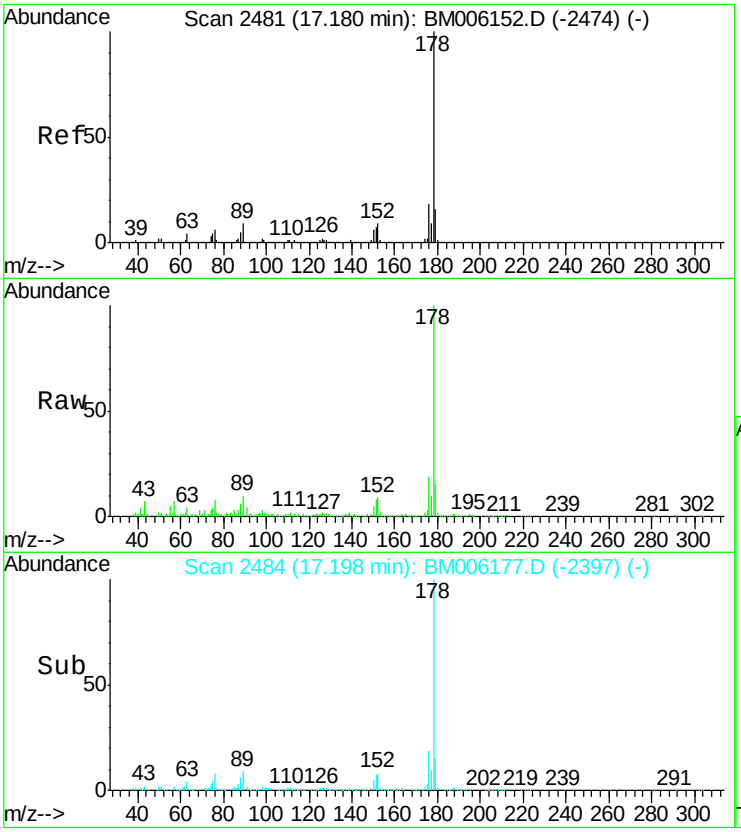


#25
Phenanthrene
Concen: 10.71 ng/ul
RT: 17.11 min Scan# 2469
Delta R.T. 0.02 min
Lab File: BM006177.D
Acq: 01 Jul 2016 11:50

Tgt Ion:178 Resp: 1056505

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.7	15.3	22.9

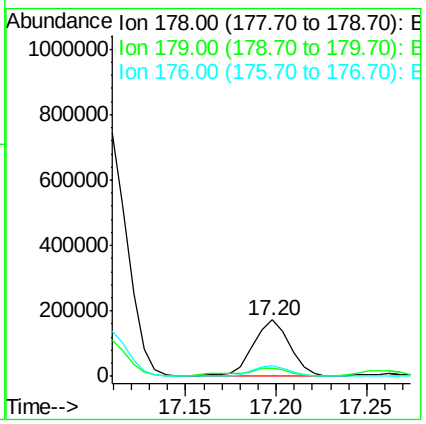




#27
Anthracene
Concen: 2.36 ng/ul
RT: 17.20 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BM006177.D
Acq: 01 Jul 2016 11:50

Tgt Ion:178 Resp: 239611

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.3	18.5
176	18.7	14.6	22.0



Instrument :
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ClientSampleId :
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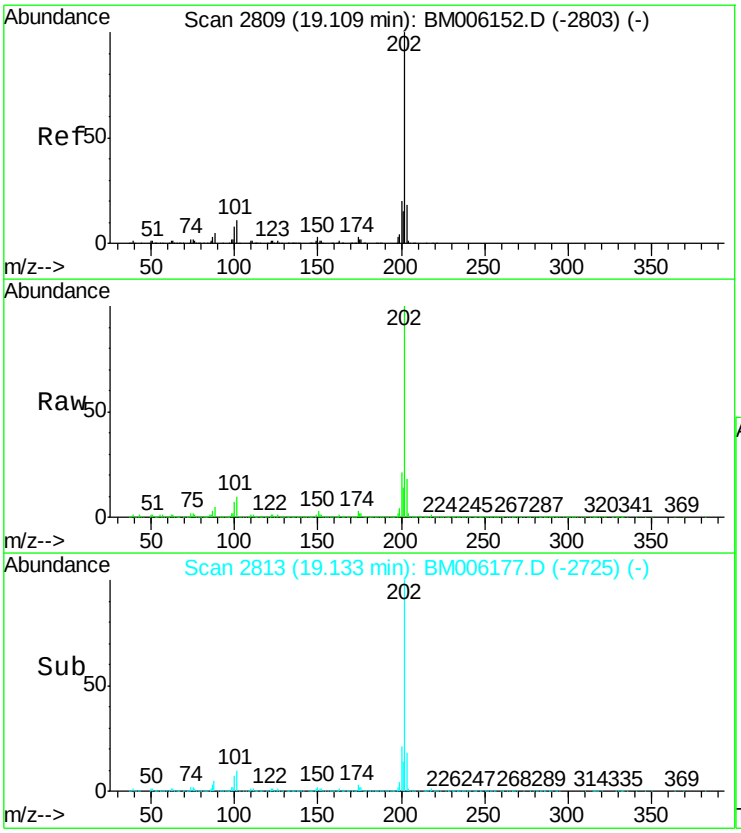
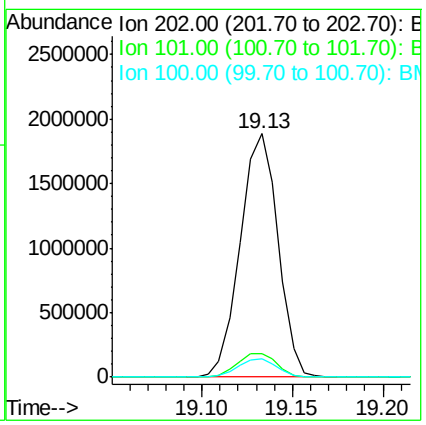
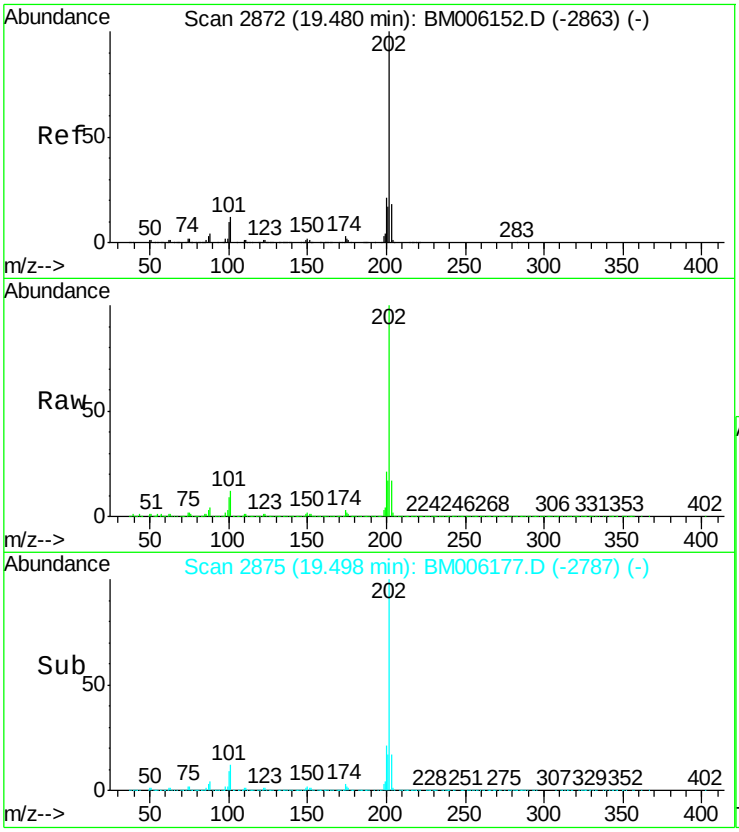


#28
Fluoranthene
Concen: 22.54 ng/ul
RT: 19.13 min Scan# 2813
Delta R.T. 0.02 min
Lab File: BM006177.D
Acq: 01 Jul 2016 11:50

Tgt Ion:202 Resp: 2724111

Ion	Ratio	Lower	Upper
202	100		
101	9.8	8.5	12.7
100	7.4	6.5	9.7

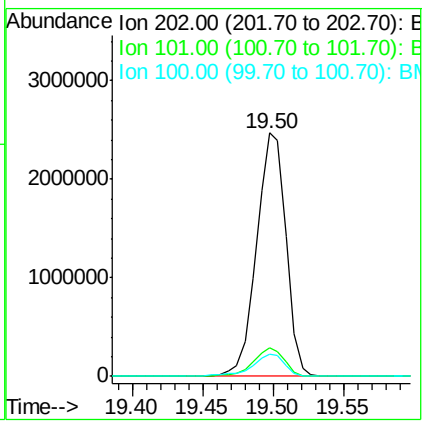




#31
Pyrene
Concen: 40.50 ng/ul
RT: 19.50 min Scan# 2875
Delta R.T. 0.02 min
Lab File: BM006177.D
Acq: 01 Jul 2016 11:50

Tgt Ion:202 Resp: 3613491

Ion	Ratio	Lower	Upper
202	100		
101	11.7	11.0	16.4
100	9.1	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
D9YF4MS

Manual Integrations APPROVED
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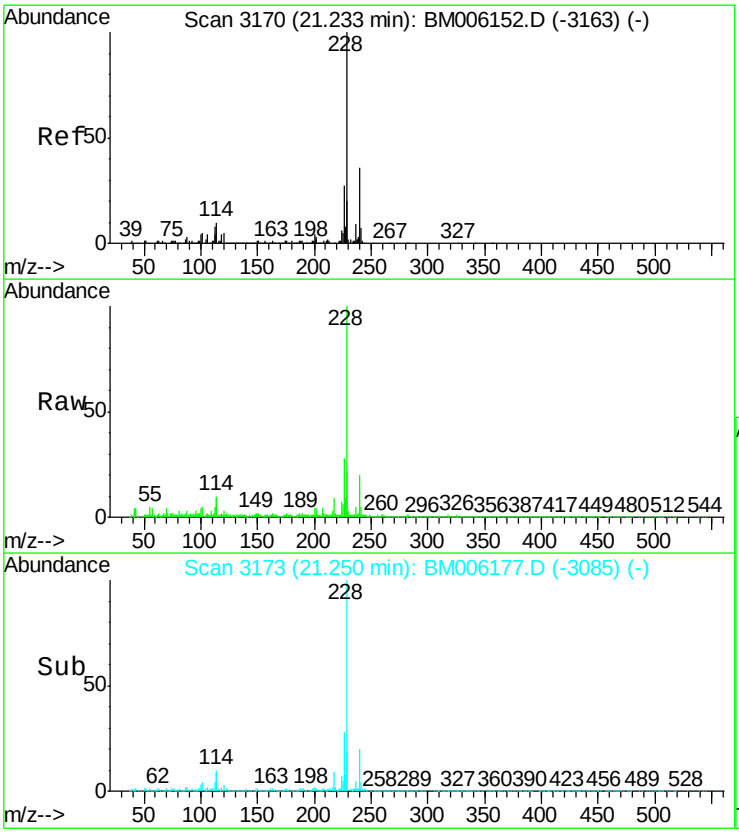
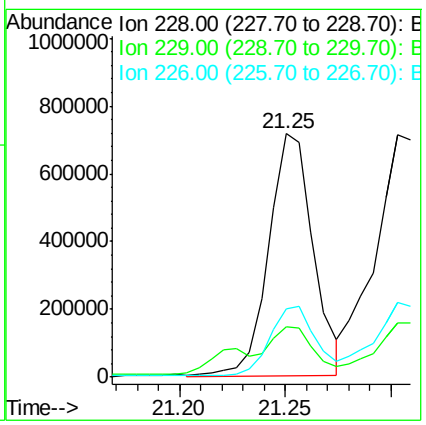
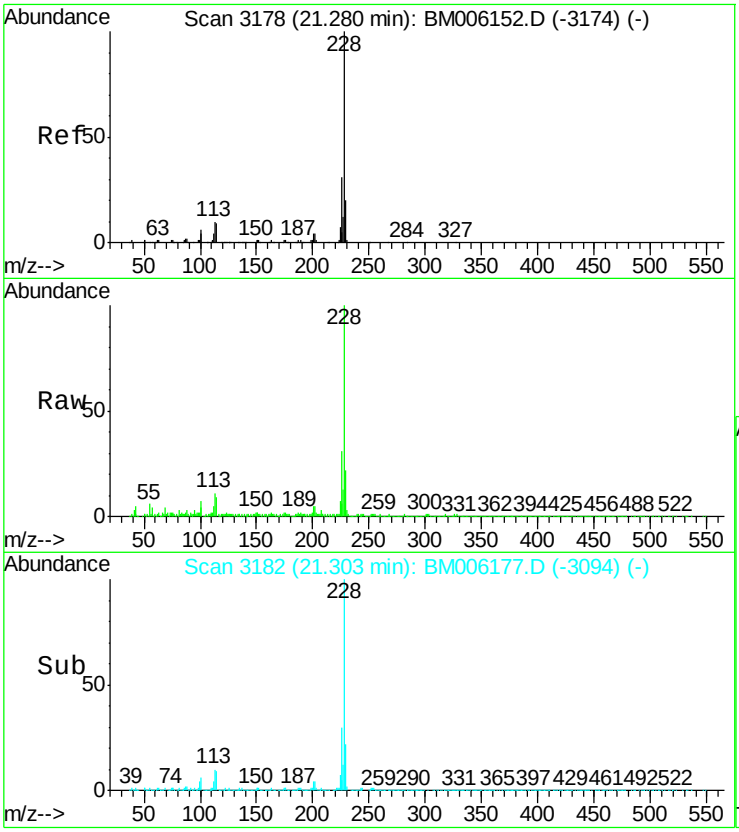


#32
Benzo(a)anthracene
Concen: 11.92 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.02 min
Lab File: BM006177.D
Acq: 01 Jul 2016 11:50

Tgt Ion:228 Resp: 1048668

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.6	23.4
226	28.0	21.6	32.4

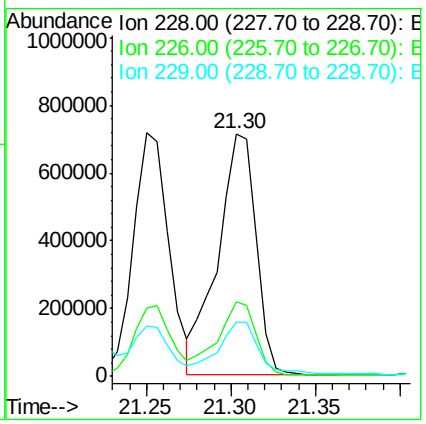




#33
Chrysene
Concen: 13.88 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. 0.02 min
Lab File: BM006177.D
Acq: 01 Jul 2016 11:50

Tgt Ion:228 Resp: 1124263

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.6
229	22.2	15.8	23.6



Instrument :
BNA_M
ClientSampleId :
D9YF4MS

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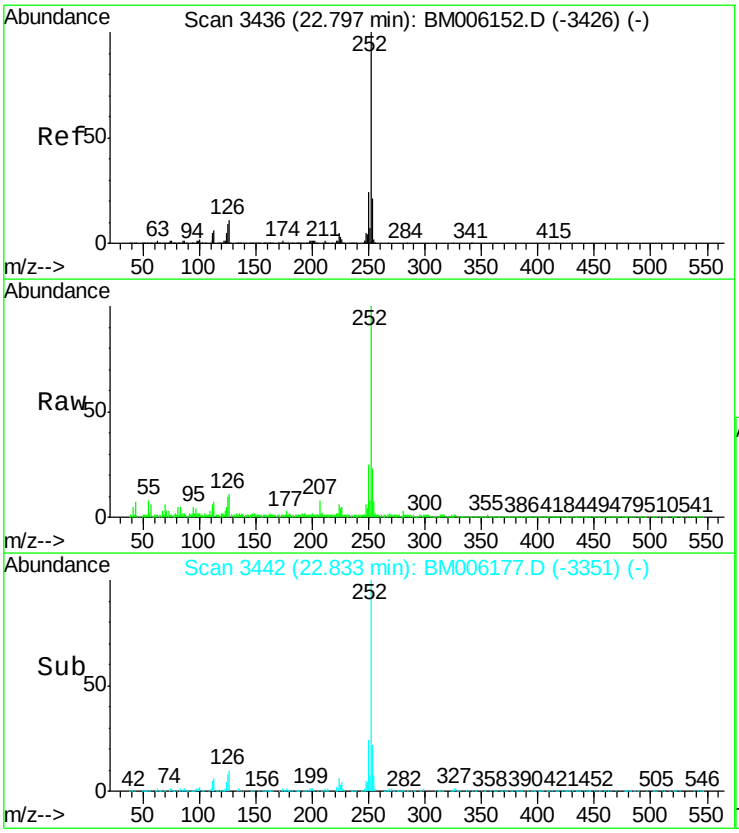
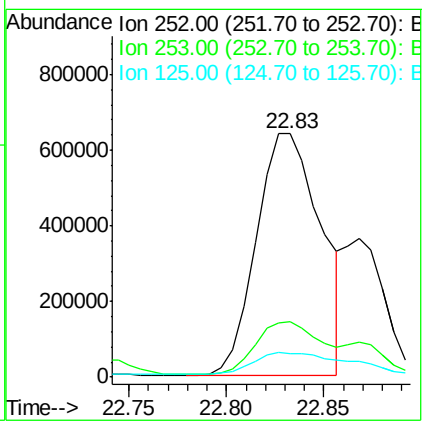
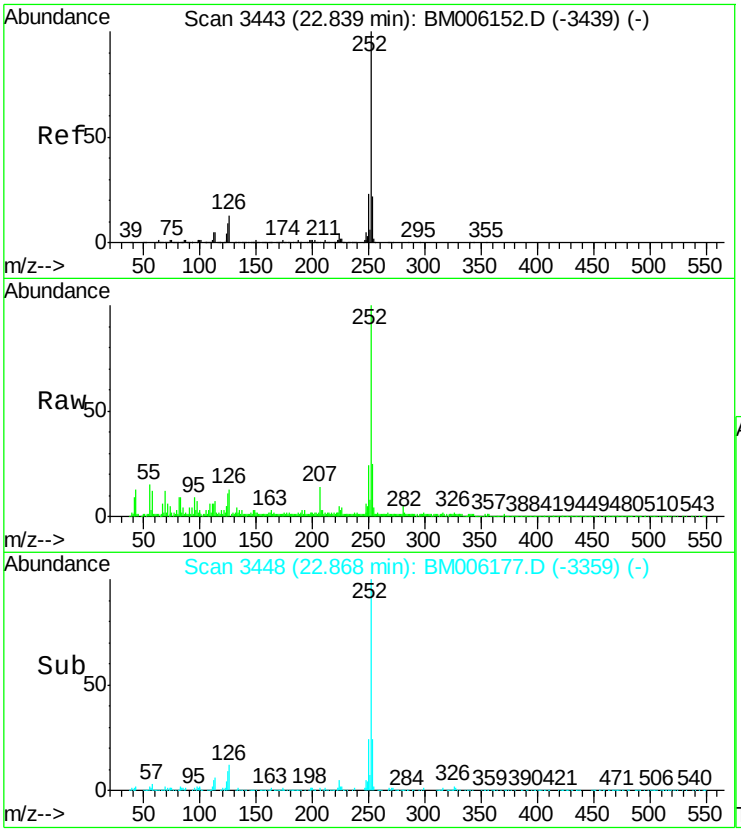


#35
Benzo(b)fluoranthene
Concen: 17.08 ng/ul
RT: 22.83 min Scan# 3442
Delta R.T. 0.04 min
Lab File: BM006177.D
Acq: 01 Jul 2016 11:50

Tgt Ion:252 Resp: 1467415

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	9.7	7.8	11.6

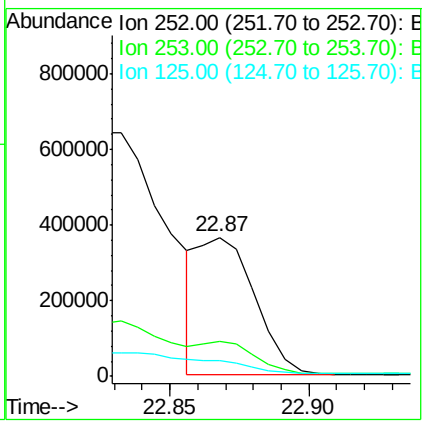




#36
Benzo(k)fluoranthene
Concen: 6.28 ng/ul m
RT: 22.87 min Scan# 3448
Delta R.T. 0.02 min
Lab File: BM006177.D
Acq: 01 Jul 2016 11:50

Tgt Ion:252 Resp: 506347

Ion	Ratio	Lower	Upper
252	100		
253	25.3	17.6	26.4
125	11.2	8.1	12.1



Instrument :
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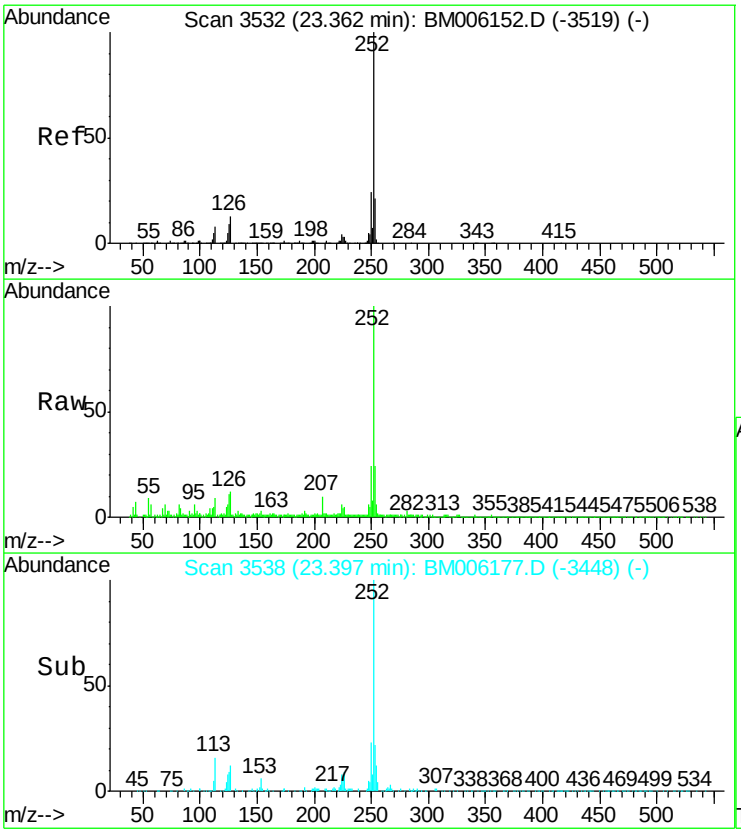
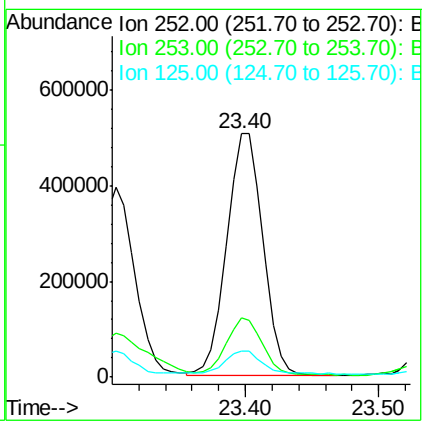
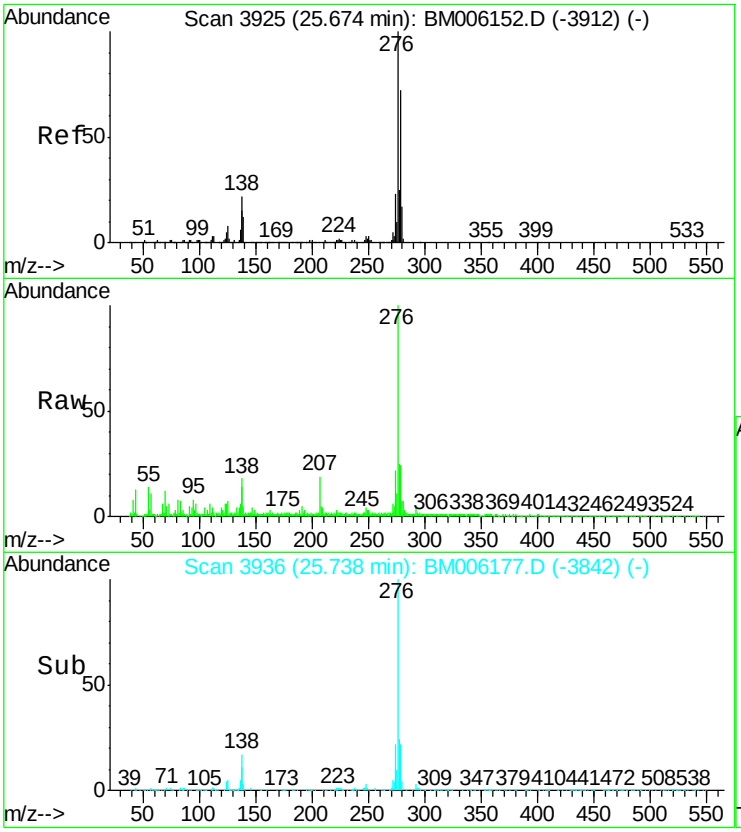


#38
Benzo(a)pyrene
Concen: 11.74 ng/ul
RT: 23.40 min Scan# 3538
Delta R.T. 0.03 min
Lab File: BM006177.D
Acq: 01 Jul 2016 11:50

Tgt Ion:252 Resp: 953483

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	10.5	8.7	13.1





#39
Indeno(1,2,3-cd)pyrene
Concen: 9.01 ng/ul
RT: 25.74 min Scan# 3936
Delta R.T. 0.05 min
Lab File: BM006177.D
Acq: 01 Jul 2016 11:50

Instrument :
BNA_M
ClientSampleId :
D9YF4MS

Manual Integrations APPROVED
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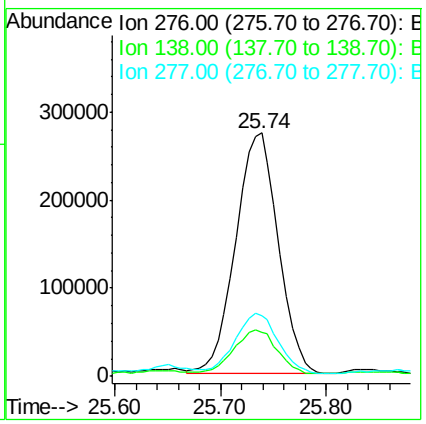
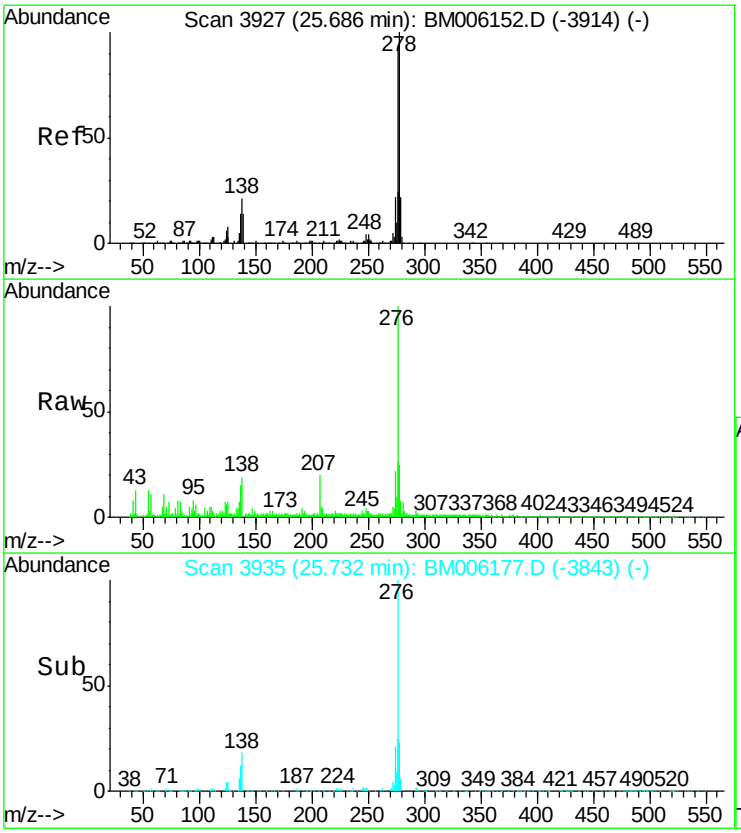
Tgt Ion:276 Resp: 760258

Ion	Ratio	Lower	Upper
276	100		
138	18.2	20.4	30.6#
277	25.1	20.6	30.8

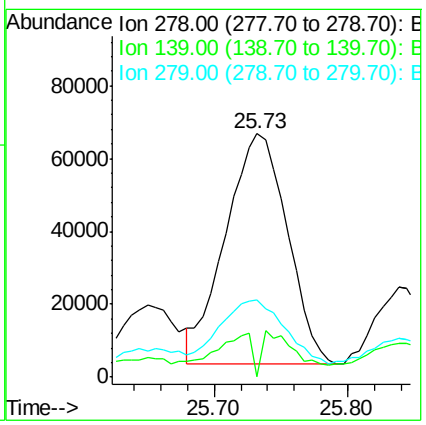


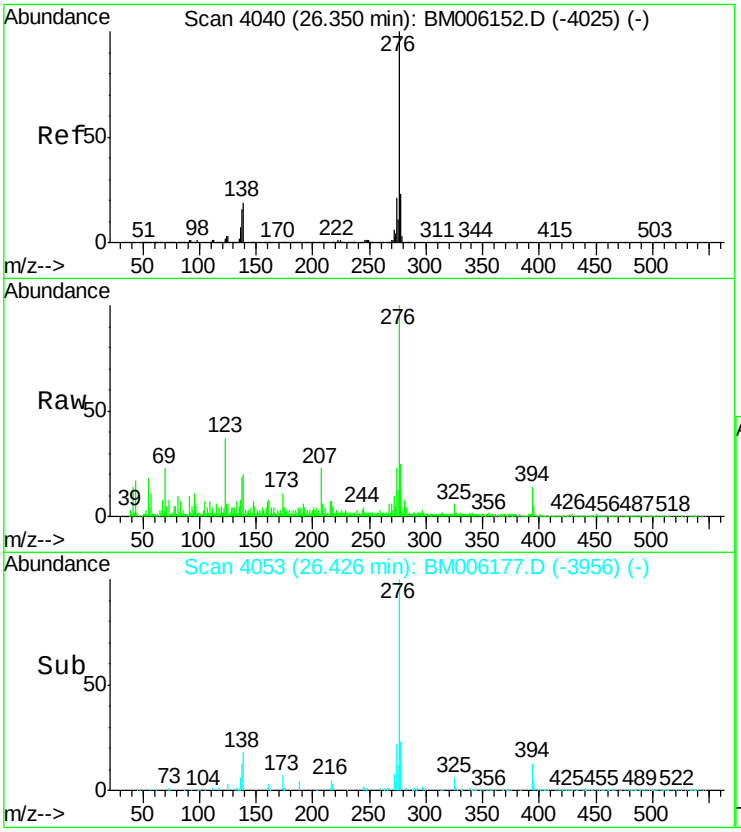


#40
Dibenzo(a,h)anthracene
Concen: 2.91 ng/ul
RT: 25.73 min Scan# 3935
Delta R.T. 0.04 min
Lab File: BM006177.D
Acq: 01 Jul 2016 11:50

Tgt Ion:278 Resp: 203099

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	31.7	18.8	28.2#

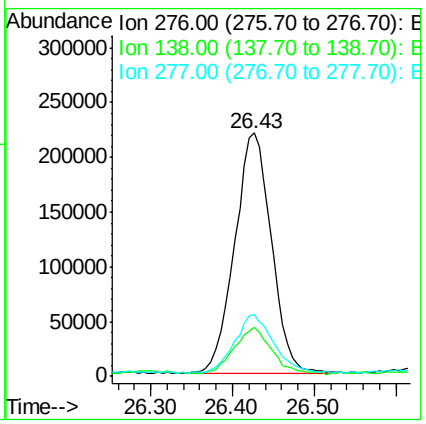




#41
Benzo(g,h,i)perylene
Concen: 9.67 ng/ul
RT: 26.43 min Scan# 4053
Delta R.T. 0.07 min
Lab File: BM006177.D
Acq: 01 Jul 2016 11:50

Tgt Ion:276 Resp: 683341

Ion	Ratio	Lower	Upper
276	100		
138	20.1	16.6	25.0
277	25.2	18.9	28.3



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