Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070116\
Data File : BM006179.D
Acq On : 01 Jul 2016 13:02
Operator : UM/SJ
Sample : H3780-10
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YF9

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Quant Time: Jul 01 17:52:18 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	349072	20.00	ng/ul	0.01
7) Naphthalene-d8	10.45	136	1572371	20.00	ng/ul	0.01
15) Acenaphthene-d10	14.32	164	884897	20.00	ng/ul	0.01
23) Phenanthrene-d10	17.07	188	1931125	20.00	ng/ul	0.02
29) Chrysene-d12	21.27	240	1435264	20.00	ng/ul	0.02
34) Perylene-d12	23.50	264	1471482	20.00	ng/ul	0.04
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	5645	0.75	ng/uL	0.00
3) Phenol-d5	6.85	99	524746	18.40	ng/ul	0.02
4) Bis-(2-Chloroethyl)ether-d	7.00	67	298252	17.74	ng/ul	0.00
5) 2-Chlorophenol-d4	7.20	132	388539	17.75	ng/ul	0.01
6) 4-Methylphenol-d8	8.37	113	436726	19.03	ng/ul	0.01
8) Nitrobenzene-d5	8.82	128	206652	19.51	ng/ul	0.01
9) 2-Nitrophenol-d4	9.53	143	240895	19.87	ng/ul	0.01
10) 2,4-Dichlorophenol-d3	10.07	165	426867	19.30	ng/ul	0.02
12) 4-Chloroaniline-d4	10.59	131	304909	17.44	ng/ul	0.01
16) Dimethylphthalate-d6	13.73	166	1278999	20.16	ng/ul	0.01
17) Acenaphthylene-d8	14.00	160	1631450	21.19	ng/ul	0.01
20) 4-Nitrophenol-d4	14.54	143	236049	19.61	ng/ul	0.03
21) Fluorene-d10	15.31	176	1118332	20.66	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.45	200	165557	24.20	ng/ul	0.02
26) Anthracene-d10	17.16	188	1684261	21.74	ng/ul	0.01
30) Pyrene-d10	19.47	212	1582518	27.38	ng/ul	0.02
37) Benzo(a)pyrene-d12	23.36	264	1251420	21.37	ng/ul	0.04
Target Compounds						Qvalue
18) Acenaphthylene	14.03	152	93734	1.16	ng/ul#	94
25) Phenanthrene	17.11	178	792933	8.68	ng/ul	100
27) Anthracene	17.20	178	255250	2.72	ng/ul	100
28) Fluoranthene	19.13	202	1694744	15.14	ng/ul	99
31) Pyrene	19.50	202	1530608	20.22	ng/ul	96
32) Benzo(a)anthracene	21.25	228	799605	10.71	ng/ul	97
33) Chrysene	21.30	228	887484	12.92	ng/ul	97
35) Benzo(b)fluoranthene	22.83	252	1317166	17.25	ng/ul	97
36) Benzo(k)fluoranthene	22.87	252	326623m	4.56	ng/ul	
38) Benzo(a)pyrene	23.40	252	829222	11.49	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.74	276	643689	8.58	ng/ul#	94
40) Dibenzo(a,h)anthracene	25.74	278	202070	3.26	ng/ul#	68
41) Benzo(g,h,i)perylene	26.43	276	637203	10.15	ng/ul	96

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

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Data Path : Z:\HPCHEM1\BNA_M\DATA\BM070116\
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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9YF9

Manual Integrations APPROVED
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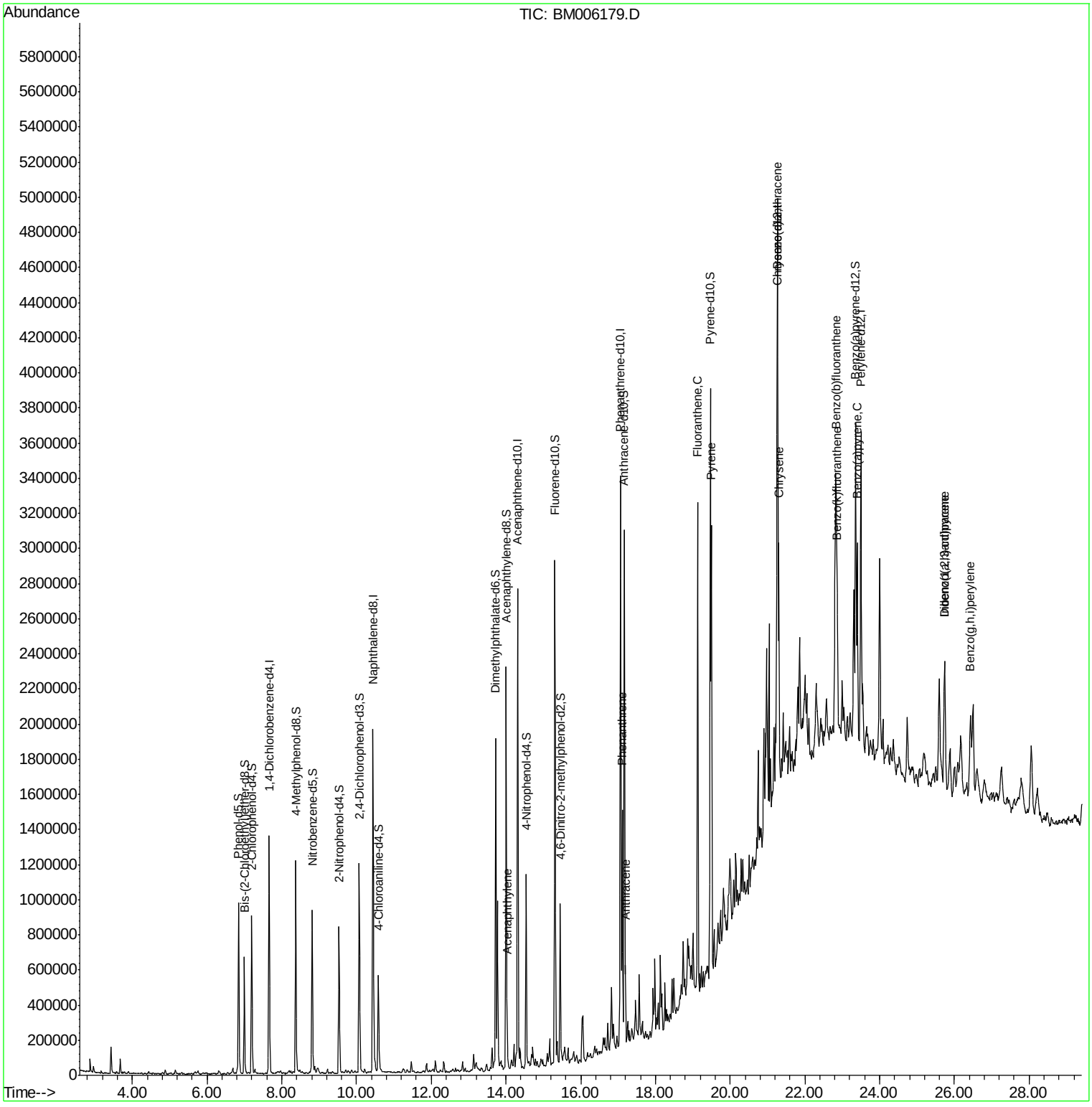
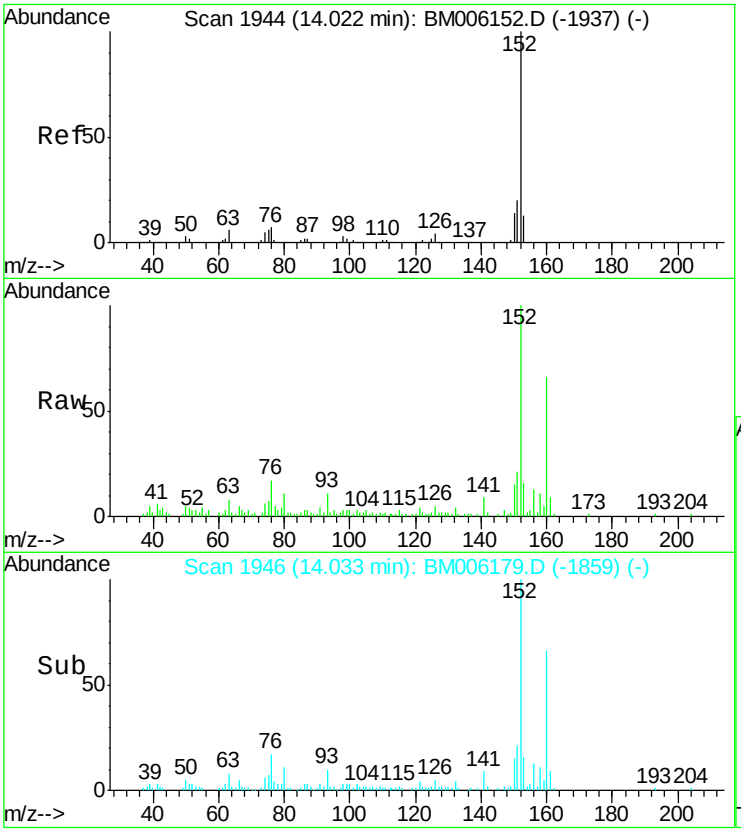
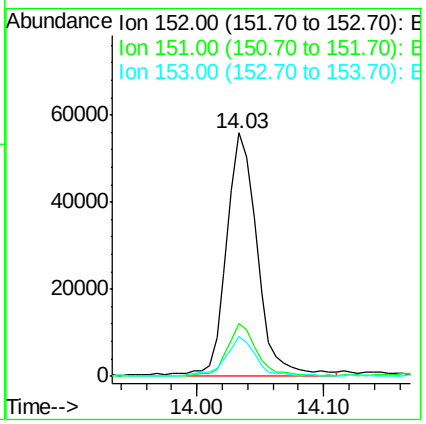




#18
Acenaphthylene
Concen: 1.16 ng/ul
RT: 14.03 min Scan# 1946
Delta R.T. 0.01 min
Lab File: BM006179.D
Acq: 01 Jul 2016 13:02

Tgt Ion:152 Resp: 93734

Ion	Ratio	Lower	Upper
152	100		
151	21.5	15.8	23.6
153	16.4	10.3	15.5#



Instrument :
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ClientSampleId :
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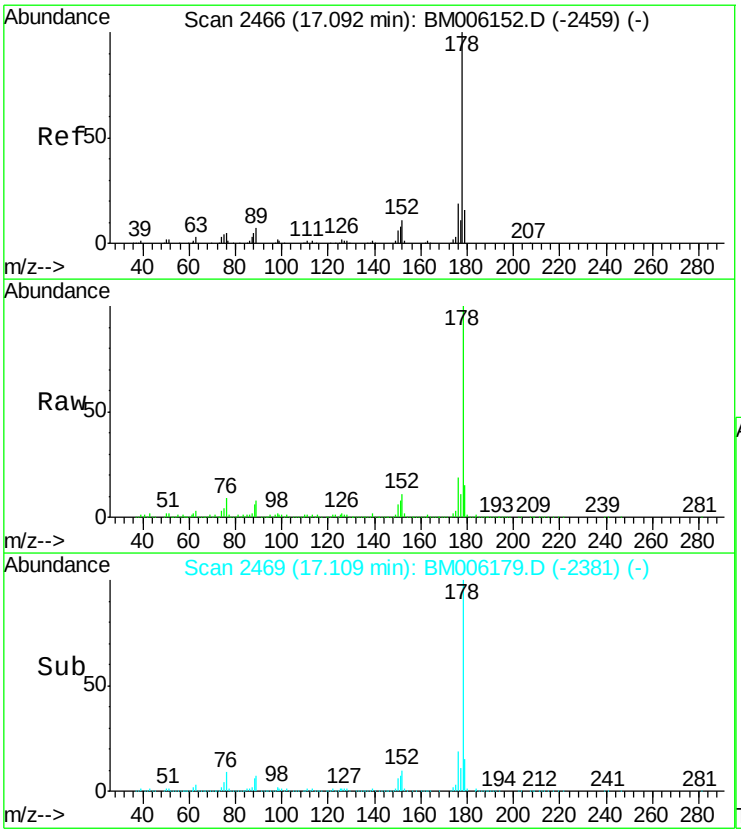
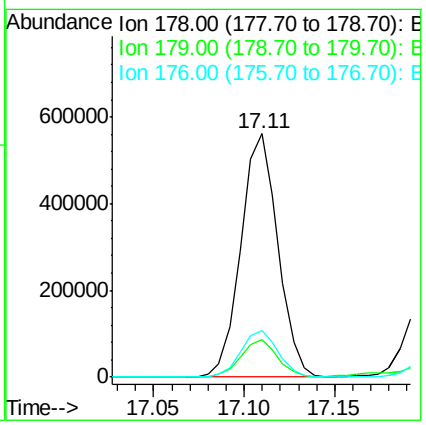
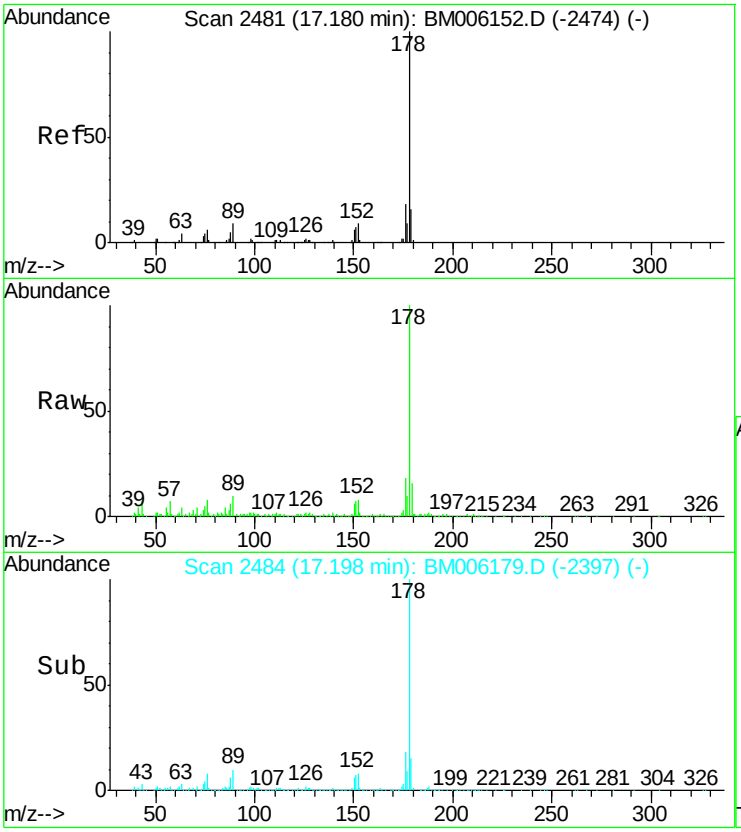


#25
Phenanthrene
Concen: 8.68 ng/ul
RT: 17.11 min Scan# 2469
Delta R.T. 0.02 min
Lab File: BM006179.D
Acq: 01 Jul 2016 13:02

Tgt Ion:178 Resp: 792933

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	19.0	15.3	22.9

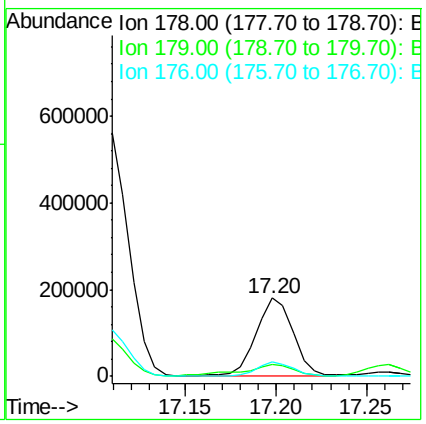




#27
Anthracene
Concen: 2.72 ng/ul
RT: 17.20 min Scan# 2484
Delta R.T. 0.01 min
Lab File: BM006179.D
Acq: 01 Jul 2016 13:02

Tgt Ion:178 Resp: 255250

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	18.3	14.6	22.0



Instrument :
BNA_M
ClientSampleId :
D9YF9

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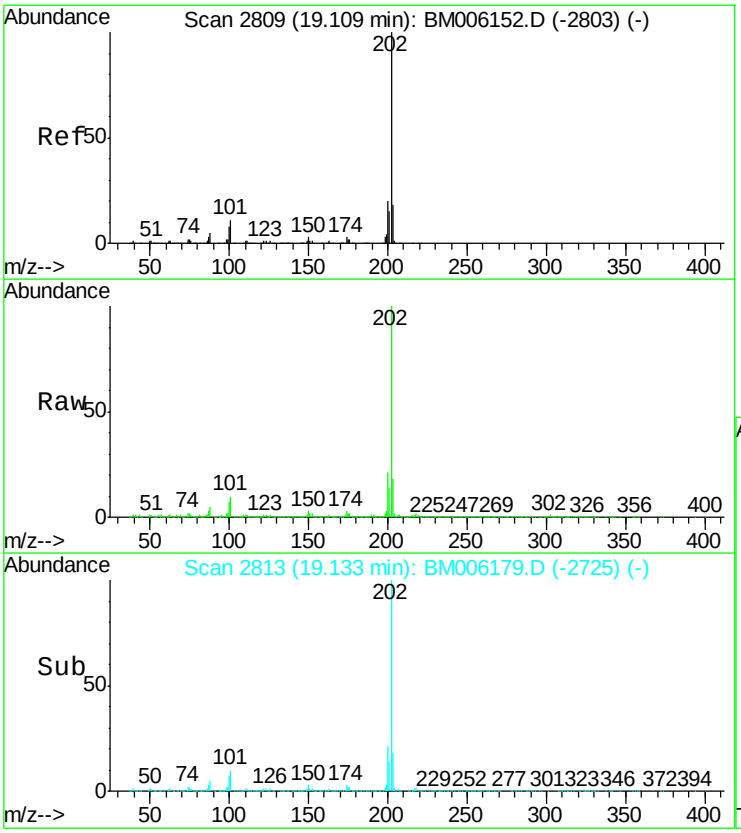
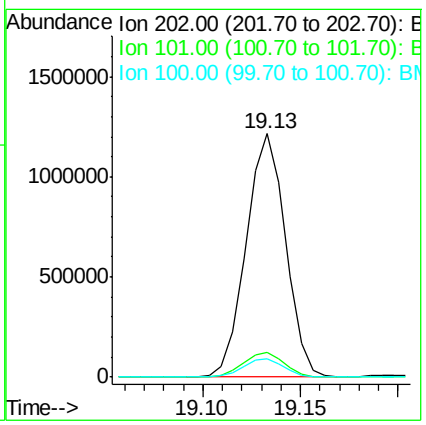
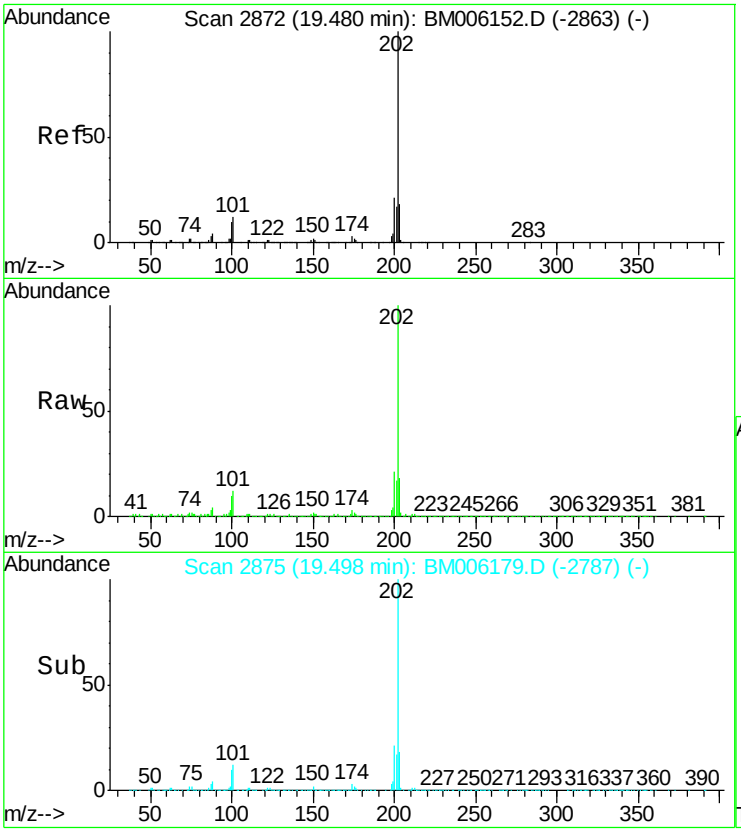


#28
Fluoranthene
Concen: 15.14 ng/ul
RT: 19.13 min Scan# 2813
Delta R.T. 0.02 min
Lab File: BM006179.D
Acq: 01 Jul 2016 13:02

Tgt Ion:202 Resp: 1694744

Ion	Ratio	Lower	Upper
202	100		
101	10.4	8.5	12.7
100	7.4	6.5	9.7

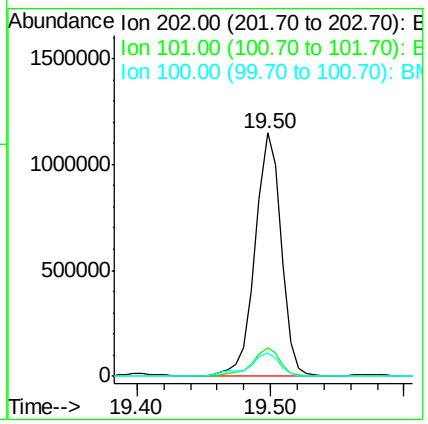




#31
Pyrene
Concen: 20.22 ng/ul
RT: 19.50 min Scan# 2875
Delta R.T. 0.02 min
Lab File: BM006179.D
Acq: 01 Jul 2016 13:02

Tgt Ion:202 Resp: 1530608

Ion	Ratio	Lower	Upper
202	100		
101	11.8	11.0	16.4
100	9.7	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
D9YF9

Manual Integrations APPROVED
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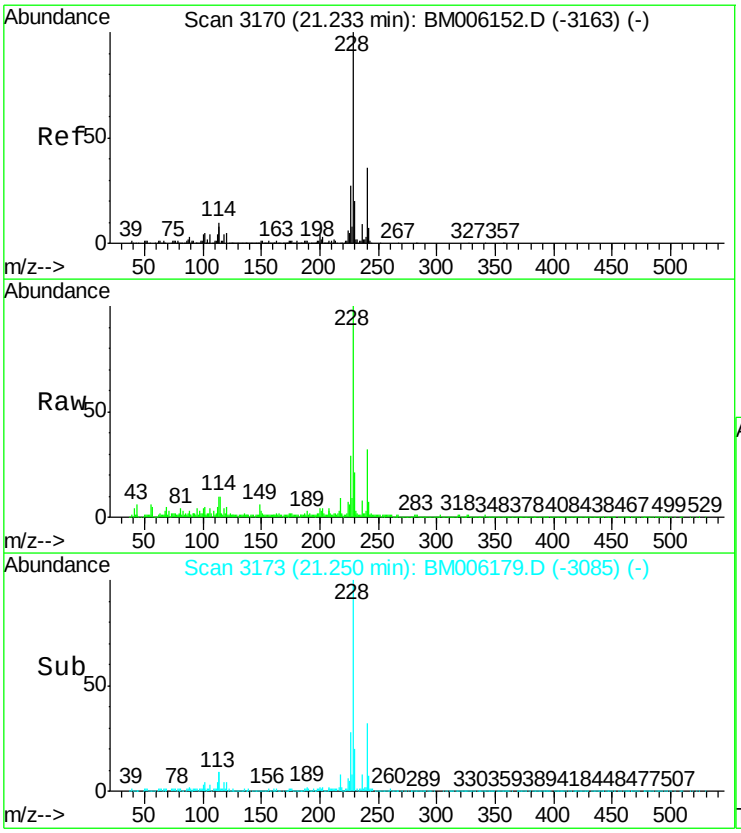
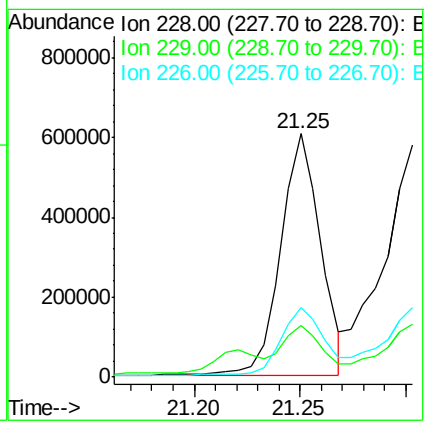
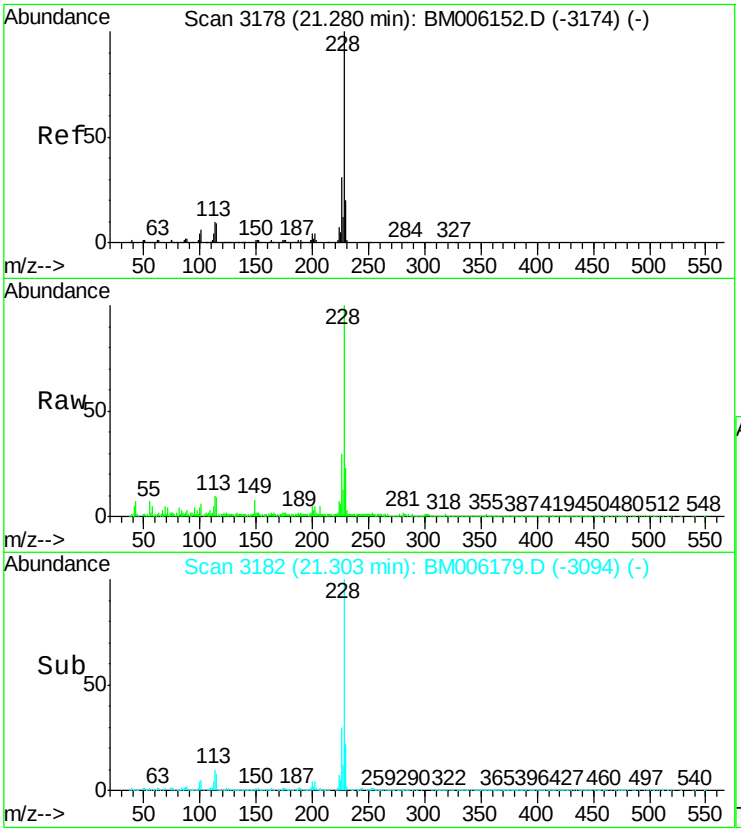


#32
Benzo(a)anthracene
Concen: 10.71 ng/ul
RT: 21.25 min Scan# 3173
Delta R.T. 0.02 min
Lab File: BM006179.D
Acq: 01 Jul 2016 13:02

Tgt Ion:228 Resp: 799605

Ion	Ratio	Lower	Upper
228	100		
229	21.1	15.6	23.4
226	28.6	21.6	32.4

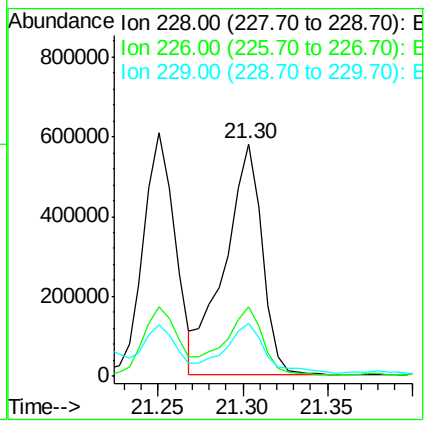




#33
Chrysene
Concen: 12.92 ng/ul
RT: 21.30 min Scan# 3182
Delta R.T. 0.02 min
Lab File: BM006179.D
Acq: 01 Jul 2016 13:02

Tgt Ion:228 Resp: 887484

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.6
229	22.8	15.8	23.6



Instrument :
BNA_M
ClientSampleId :
D9YF9

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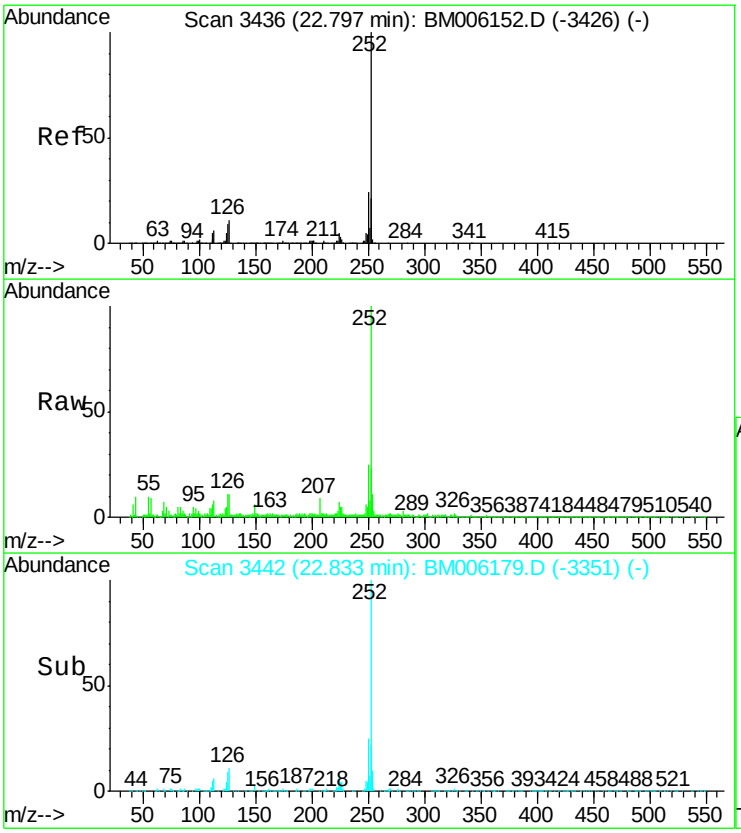
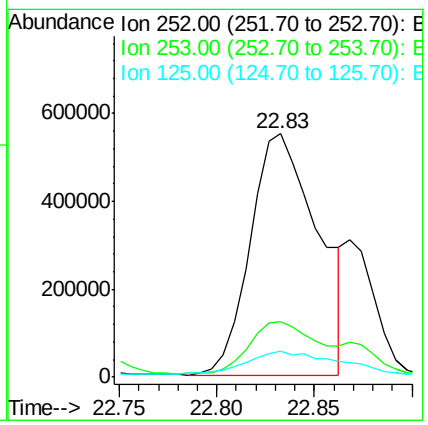
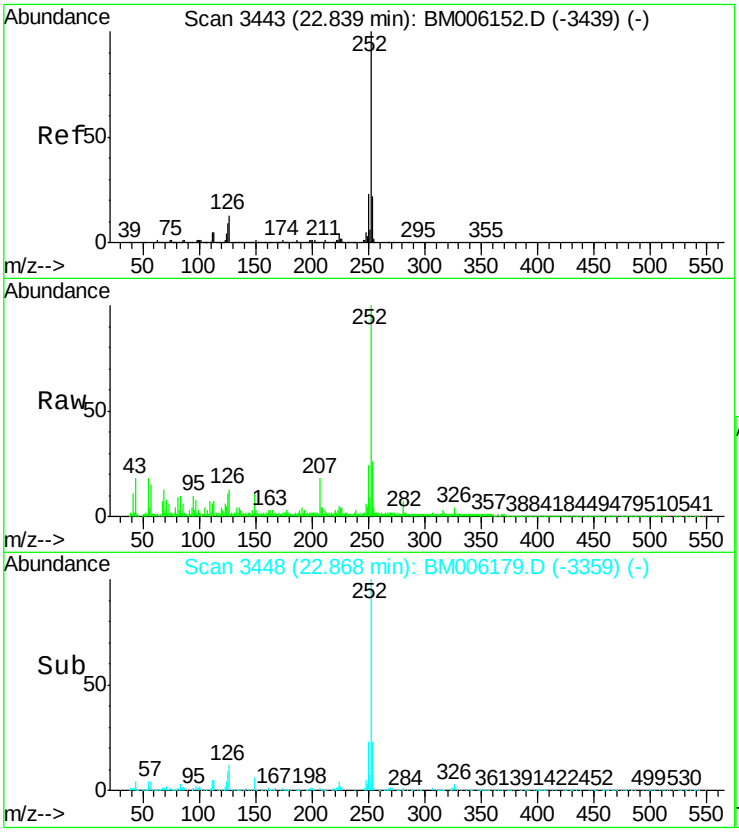


#35
Benzo(b)fluoranthene
Concen: 17.25 ng/ul
RT: 22.83 min Scan# 3442
Delta R.T. 0.04 min
Lab File: BM006179.D
Acq: 01 Jul 2016 13:02

Tgt Ion:252 Resp: 1317166

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	10.5	7.8	11.6

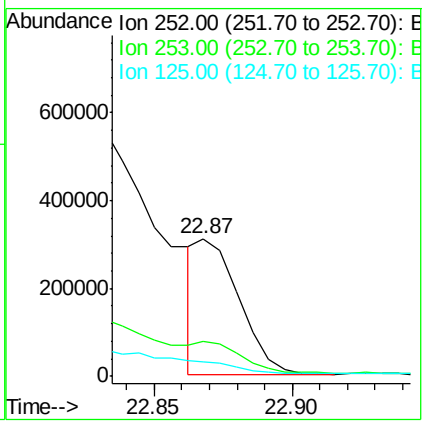




#36
Benzo(k)fluoranthene
Concen: 4.56 ng/ul m
RT: 22.87 min Scan# 3448
Delta R.T. 0.02 min
Lab File: BM006179.D
Acq: 01 Jul 2016 13:02

Tgt Ion:252 Resp: 326623

Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.6	26.4
125	10.9	8.1	12.1



Instrument :
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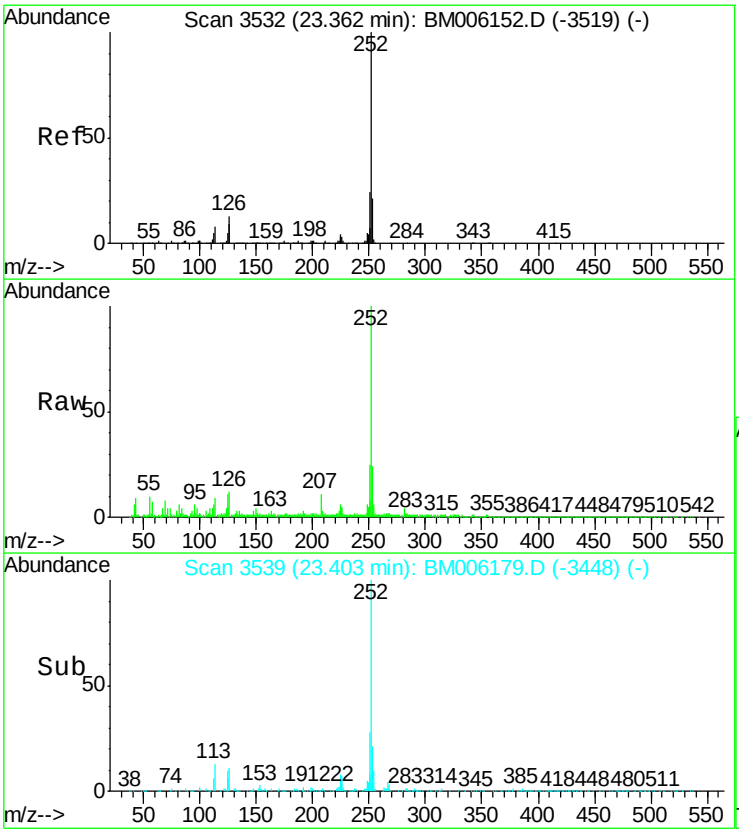
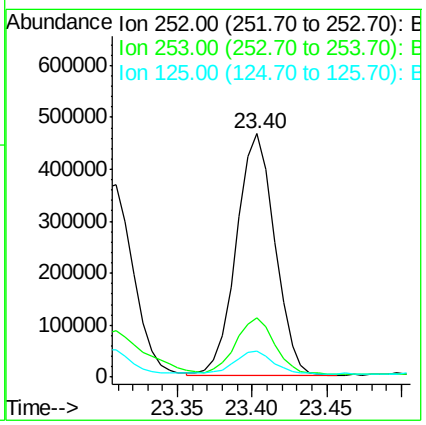
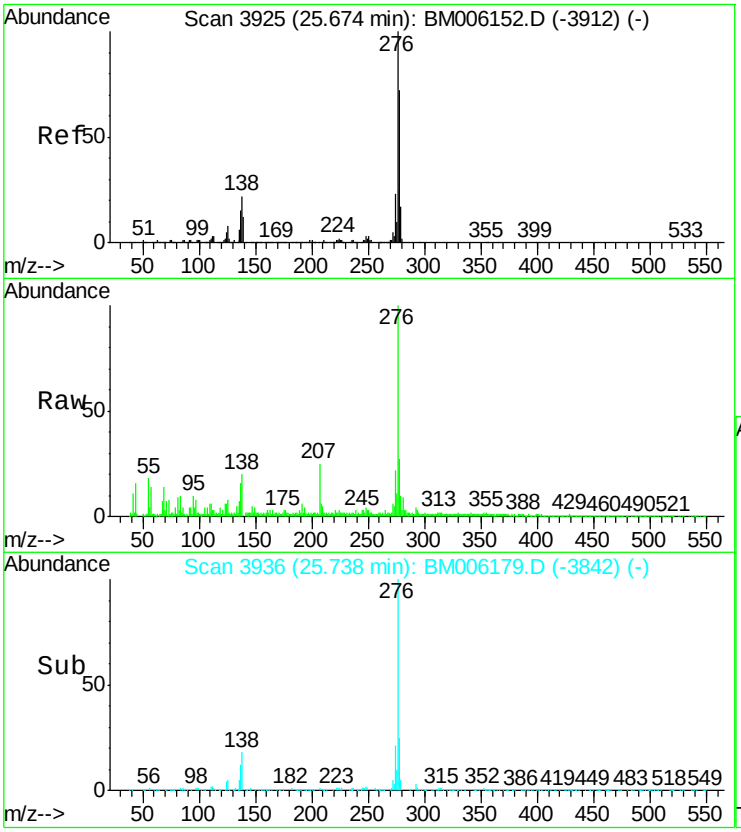


#38
Benzo(a)pyrene
Concen: 11.49 ng/ul
RT: 23.40 min Scan# 3539
Delta R.T. 0.04 min
Lab File: BM006179.D
Acq: 01 Jul 2016 13:02

Tgt Ion:252 Resp: 829222

Ion	Ratio	Lower	Upper
252	100		
253	24.2	17.8	26.6
125	10.5	8.7	13.1





#39
Indeno(1,2,3-cd)pyrene
Concen: 8.58 ng/ul
RT: 25.74 min Scan# 3936
Delta R.T. 0.05 min
Lab File: BM006179.D
Acq: 01 Jul 2016 13:02

Tgt Ion:276 Resp: 643689

Ion	Ratio	Lower	Upper
276	100		
138	19.8	20.4	30.6#
277	25.6	20.6	30.8

Instrument :
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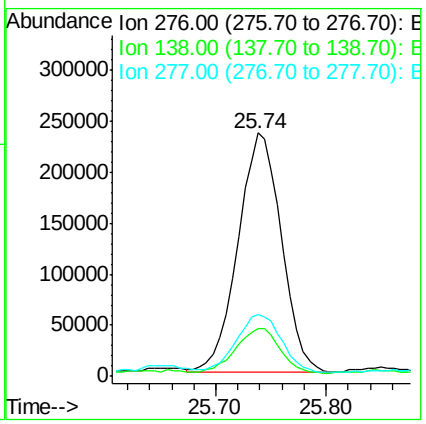
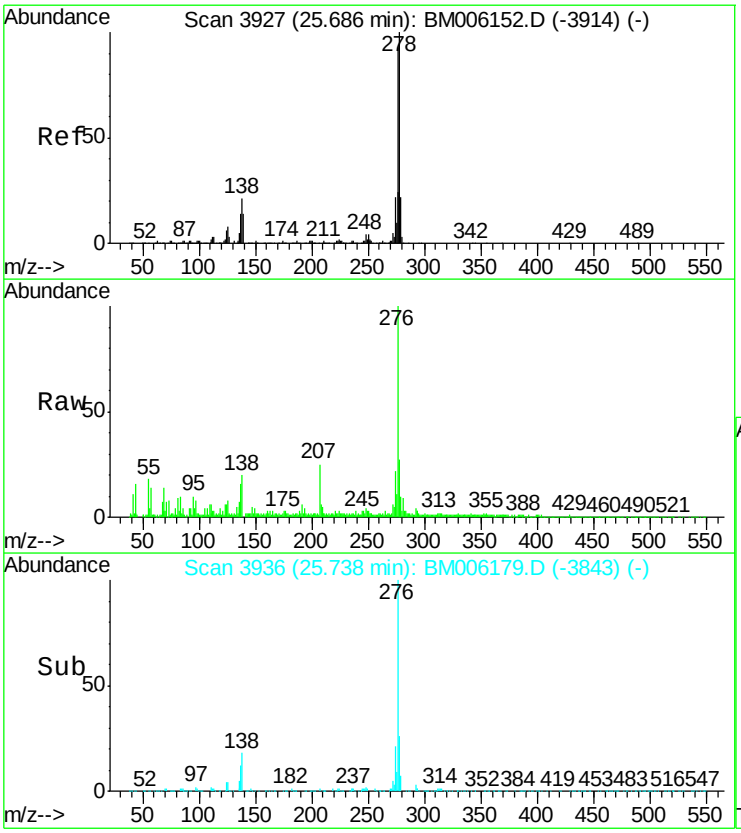
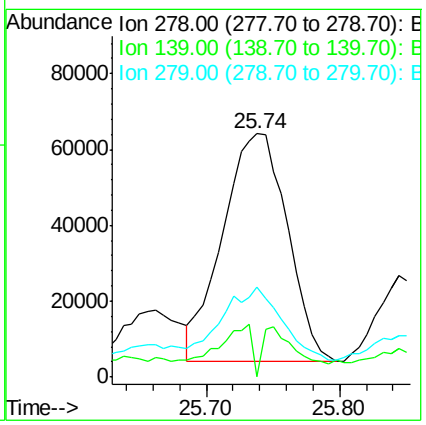


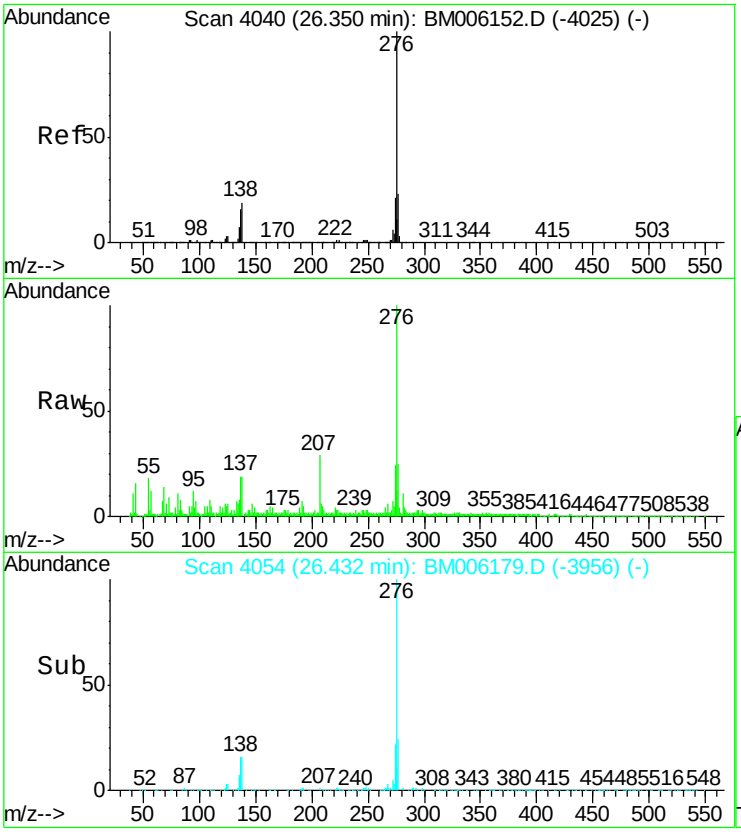


#40
Dibenzo(a,h)anthracene
Concen: 3.26 ng/ul
RT: 25.74 min Scan# 3936
Delta R.T. 0.05 min
Lab File: BM006179.D
Acq: 01 Jul 2016 13:02

Tgt Ion:278 Resp: 202070

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	36.7	18.8	28.2#

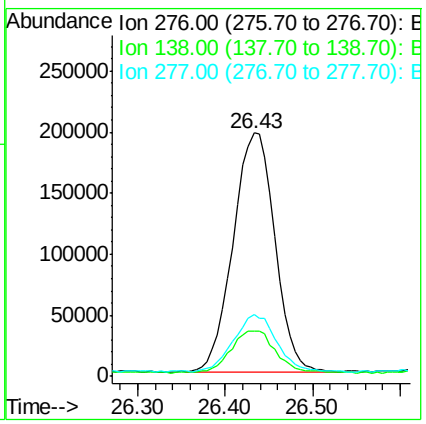




#41
Benzo(g,h,i)perylene
Concen: 10.15 ng/ul
RT: 26.43 min Scan# 4054
Delta R.T. 0.08 min
Lab File: BM006179.D
Acq: 01 Jul 2016 13:02

Tgt Ion:276 Resp: 637203

Ion	Ratio	Lower	Upper
276	100		
138	18.6	16.6	25.0
277	25.4	18.9	28.3



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