Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM072216\
Data File : BM006642.D
Acq On : 23 Jul 2016 02:09
Operator : UM/SJ
Sample : H4076-08
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YP3

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Quant Time: Jul 23 03:27:03 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 23 00:16:38 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	189462	20.00	ng/ul	0.01
7) Naphthalene-d8	10.40	136	795332	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.27	164	436398	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.03	188	985297	20.00	ng/ul	0.01
29) Chrysene-d12	21.23	240	1030596	20.00	ng/ul	0.00
34) Perylene-d12	23.44	264	1076999	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.14	96	11667	2.49	ng/uL	0.00
3) Phenol-d5	6.81	99	449410	27.88	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.96	67	272649	27.31	ng/ul	0.00
5) 2-Chlorophenol-d4	7.16	132	356871	27.71	ng/ul	0.00
6) 4-Methylphenol-d8	8.33	113	350754	28.06	ng/ul	0.00
8) Nitrobenzene-d5	8.77	128	170482	28.32	ng/ul	0.00
9) 2-Nitrophenol-d4	9.49	143	181203	28.30	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.03	165	332860	27.51	ng/ul	0.01
12) 4-Chloroaniline-d4	10.55	131	220847	16.58	ng/ul	0.01
16) Dimethylphthalate-d6	13.69	166	941811	27.53	ng/ul	0.00
17) Acenaphthylene-d8	13.96	160	1245898	28.53	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	142371	23.96	ng/ul	0.02
21) Fluorene-d10	15.27	176	855731	27.96	ng/ul	0.01
24) 4,6-Dinitro-2-methylphenol	15.42	200	79188	15.48	ng/ul	0.01
26) Anthracene-d10	17.13	188	1310412	28.01	ng/ul	0.01
30) Pyrene-d10	19.43	212	1422136	30.28	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.30	264	1383185	27.92	ng/ul	0.02
Target Compounds						Qvalue
18) Acenaphthylene	13.99	152	66000	1.41	ng/ul	98
25) Phenanthrene	17.07	178	388287	7.01	ng/ul	100
27) Anthracene	17.16	178	101005	1.77	ng/ul	99
28) Fluoranthene	19.09	202	614625	9.44	ng/ul	99
31) Pyrene	19.46	202	506308	8.11	ng/ul	96
32) Benzo(a)anthracene	21.21	228	315965	5.06	ng/ul	97
33) Chrysene	21.26	228	334605	5.81	ng/ul	97
35) Benzo(b)fluoranthene	22.77	252	512318	7.94	ng/ul#	97
36) Benzo(k)fluoranthene	22.81	252	175251m	2.81	ng/ul	
38) Benzo(a)pyrene	23.34	252	316533	5.04	ng/ul#	95
39) Indeno(1,2,3-cd)pyrene	25.65	276	275196	3.78	ng/ul	97
40) Dibenzo(a,h)anthracene	25.65	278	79735	1.32	ng/ul#	80
41) Benzo(g,h,i)perylene	26.33	276	257954	4.14	ng/ul	96

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

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Instrument :
BNA_M
ClientSampleId :
D9YP3

Manual Integrations
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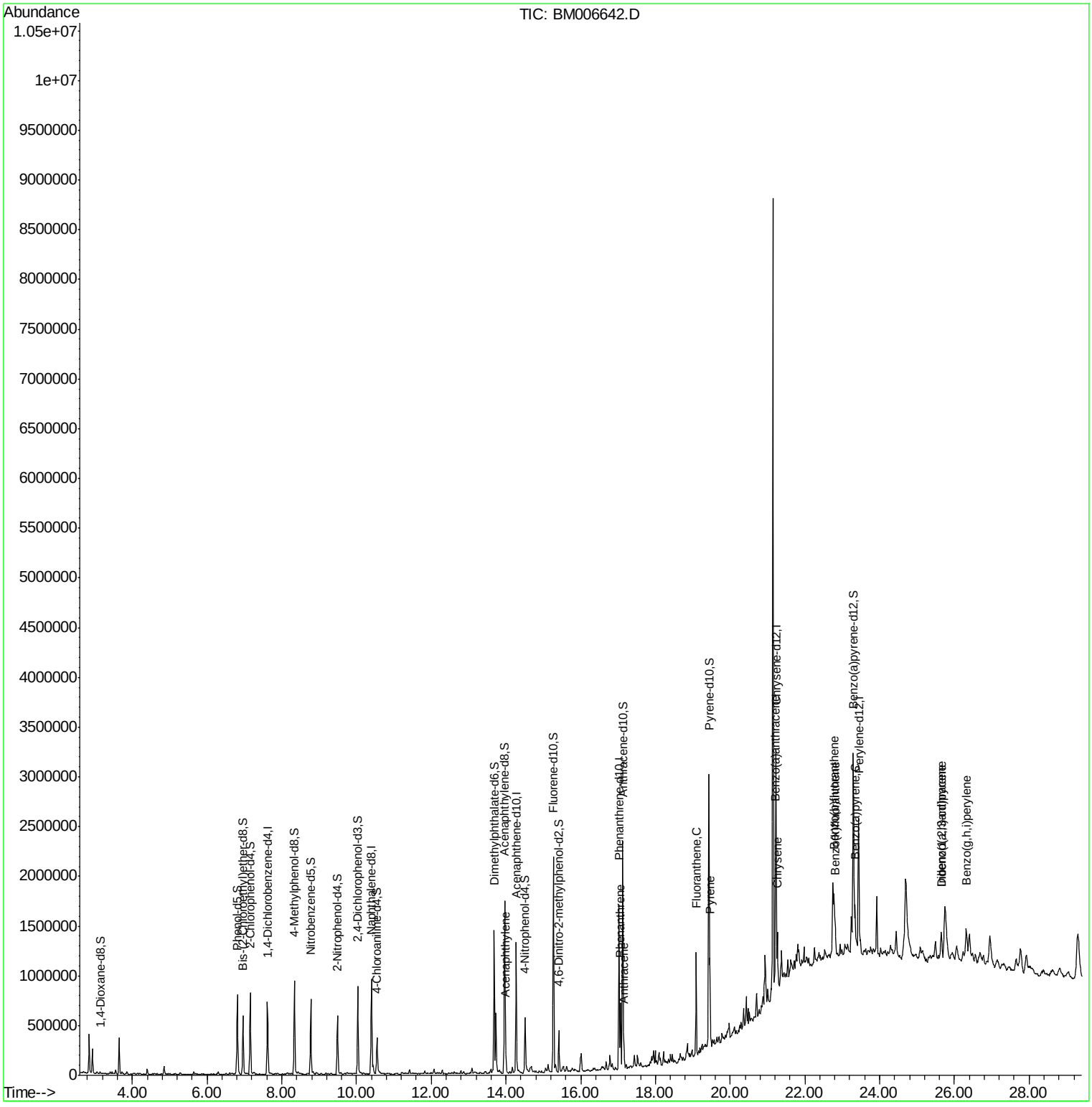
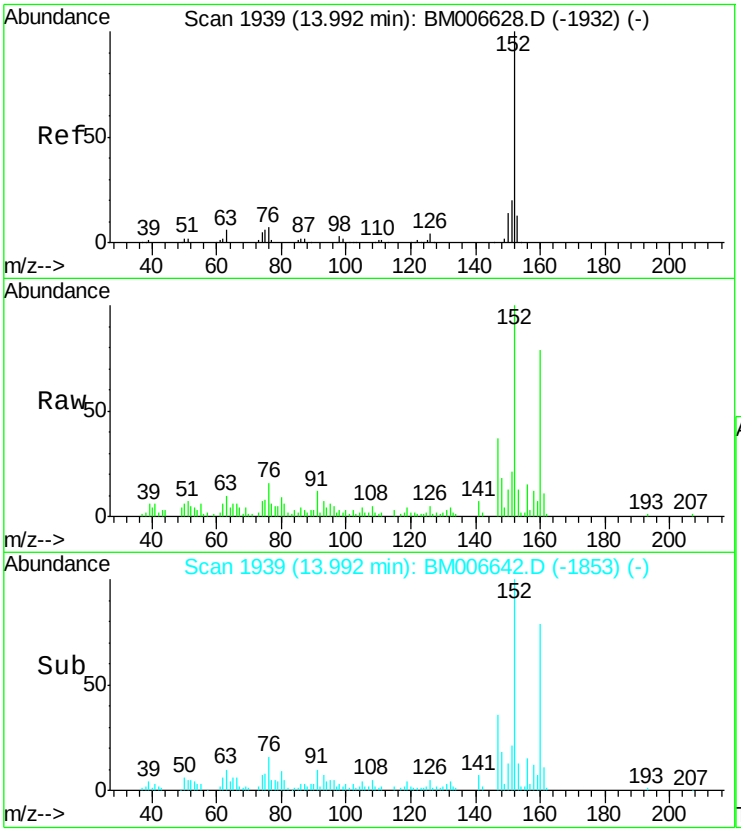
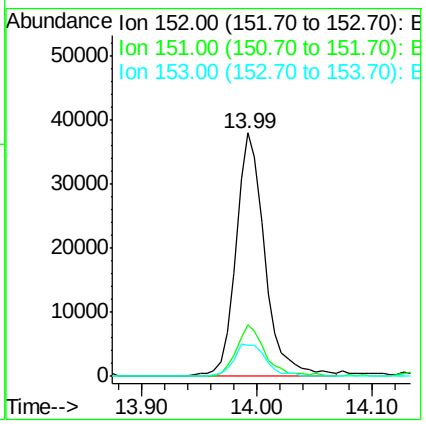




#18
Acenaphthylene
Concen: 1.41 ng/ul
RT: 13.99 min Scan# 1939
Delta R.T. 0.01 min
Lab File: BM006642.D
Acq: 23 Jul 2016 02:09

Tgt Ion:152 Resp: 66000

Ion	Ratio	Lower	Upper
152	100		
151	21.2	17.3	25.9
153	12.7	11.1	16.7



Instrument :
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ClientSampleId :
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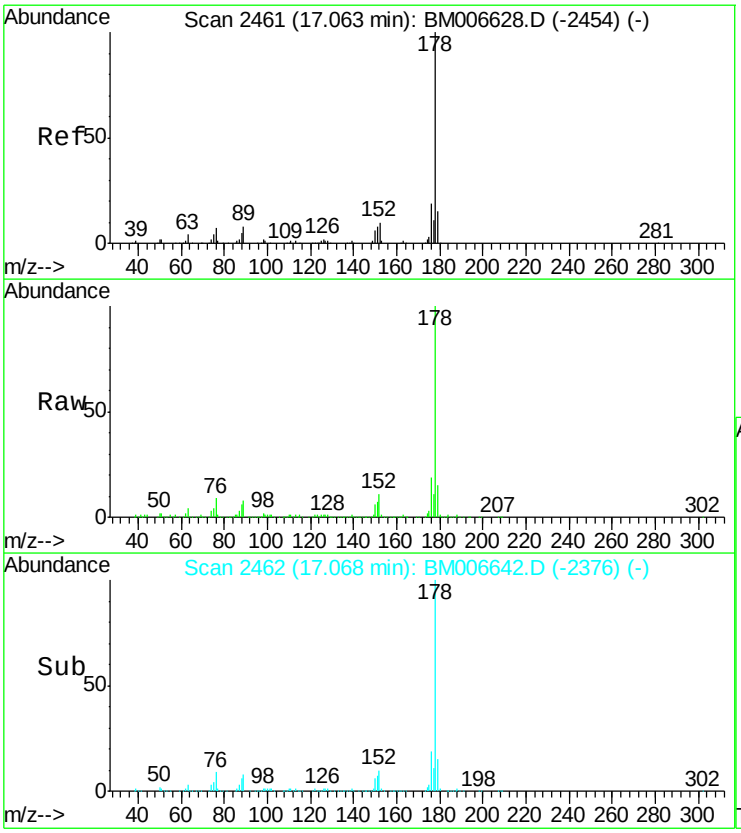
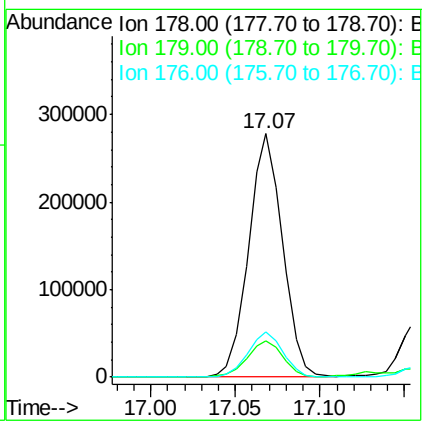
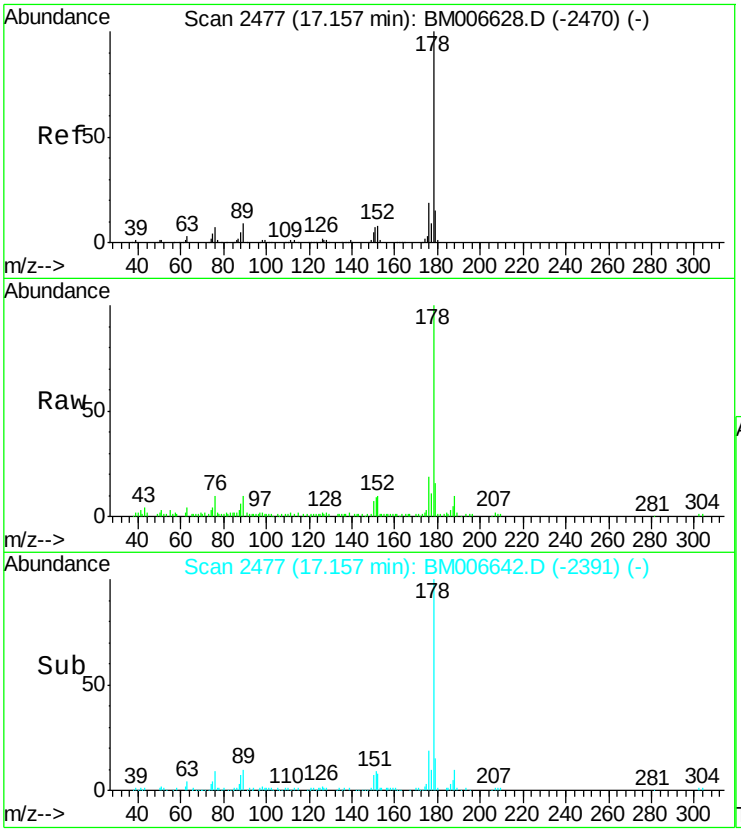


#25
Phenanthrene
Concen: 7.01 ng/ul
RT: 17.07 min Scan# 2462
Delta R.T. 0.01 min
Lab File: BM006642.D
Acq: 23 Jul 2016 02:09

Tgt Ion:178 Resp: 388287

Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.8	17.8
176	18.5	14.8	22.2

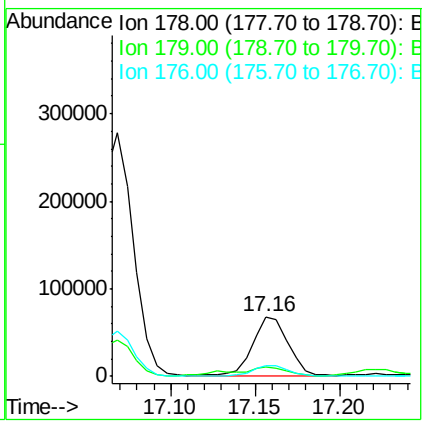




#27
Anthracene
Concen: 1.77 ng/ul
RT: 17.16 min Scan# 2477
Delta R.T. 0.01 min
Lab File: BM006642.D
Acq: 23 Jul 2016 02:09

Tgt Ion:178 Resp: 101005

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.9	19.3
176	18.7	15.6	23.4



Instrument :
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ClientSampleId :
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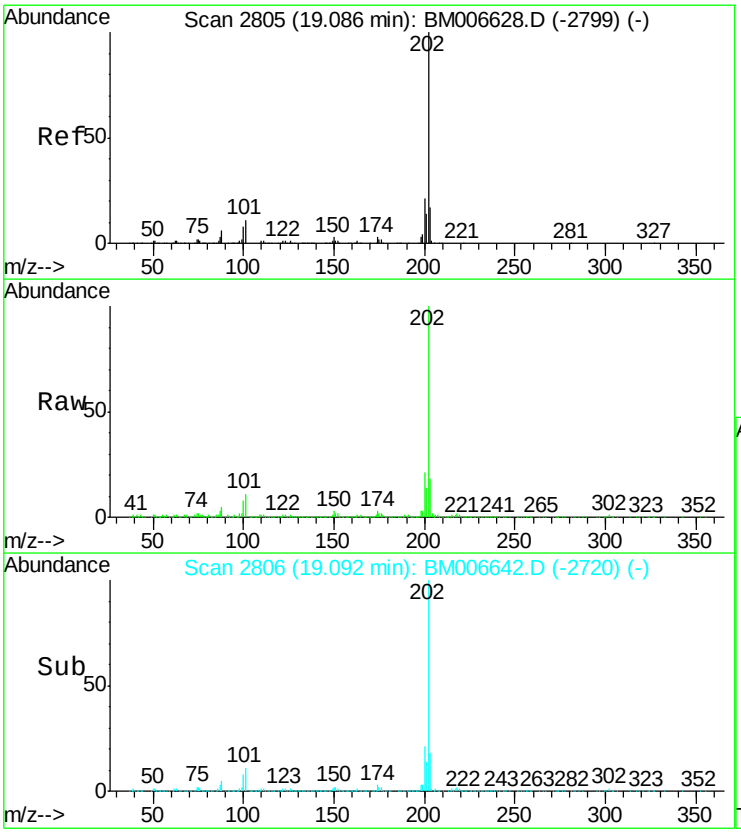
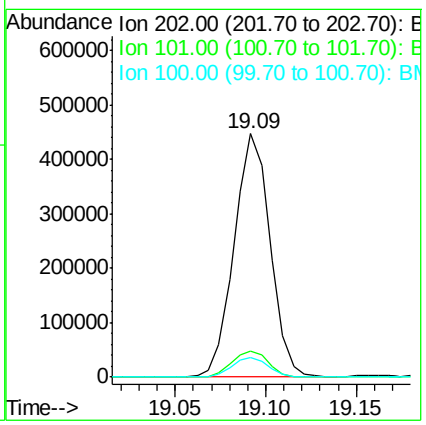
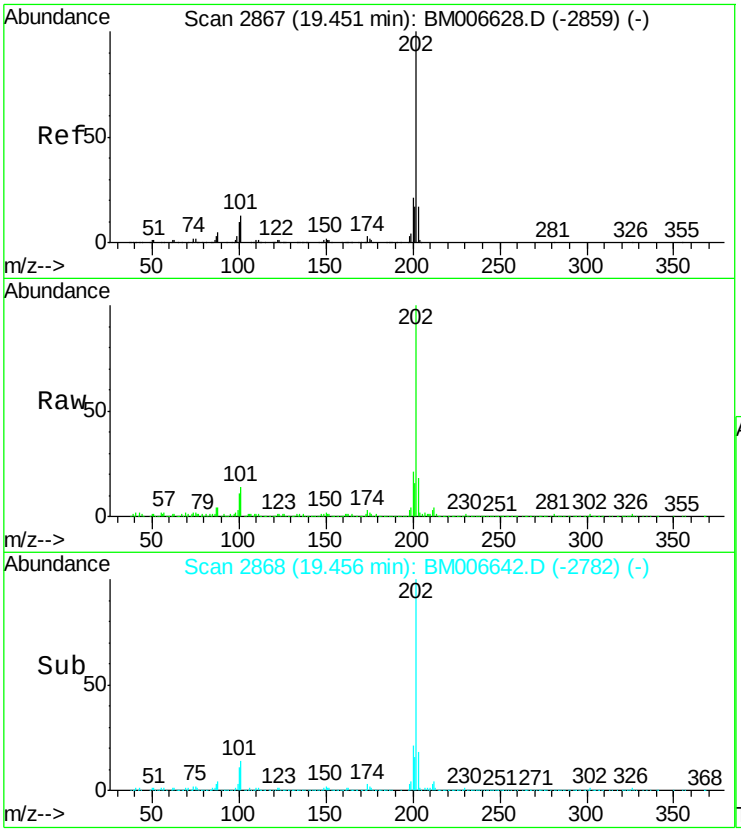


#28
Fluoranthene
Concen: 9.44 ng/ul
RT: 19.09 min Scan# 2806
Delta R.T. 0.01 min
Lab File: BM006642.D
Acq: 23 Jul 2016 02:09

Tgt Ion:202 Resp: 614625

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.9	13.3
100	8.1	7.0	10.4

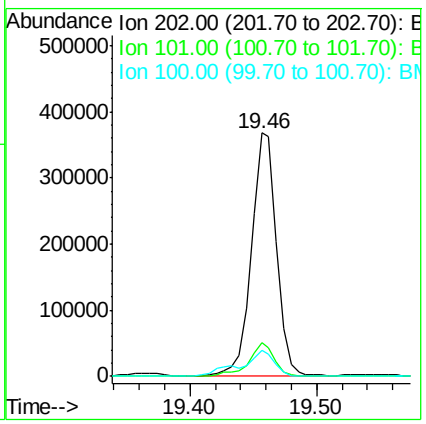




#31
Pyrene
Concen: 8.11 ng/ul
RT: 19.46 min Scan# 2868
Delta R.T. 0.01 min
Lab File: BM006642.D
Acq: 23 Jul 2016 02:09

Tgt Ion:202 Resp: 506308

Ion	Ratio	Lower	Upper
202	100		
101	14.1	9.8	14.8
100	10.5	9.3	13.9



Instrument :
BNA_M
ClientSampleId :
D9YP3

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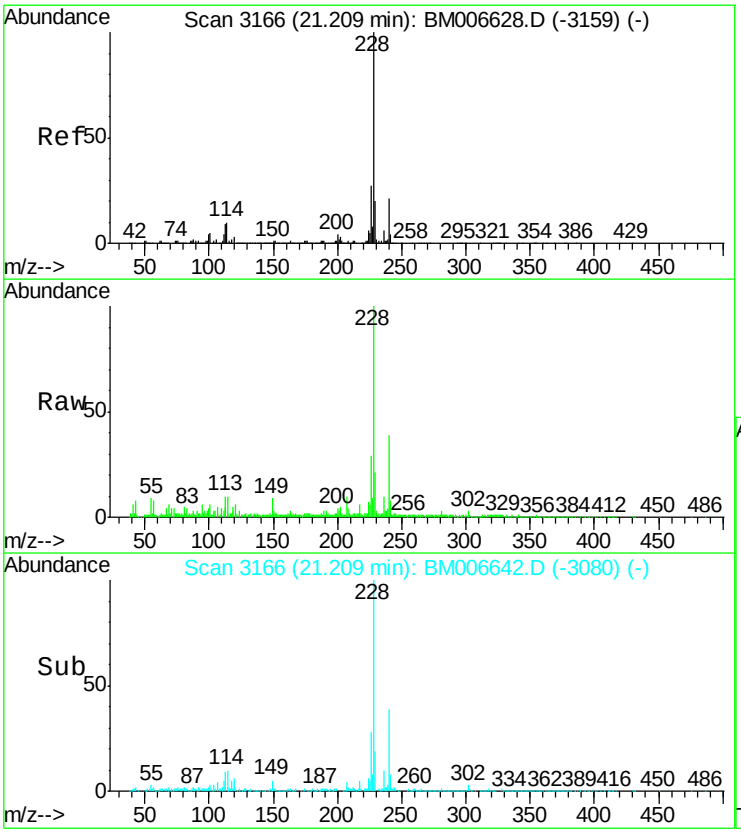
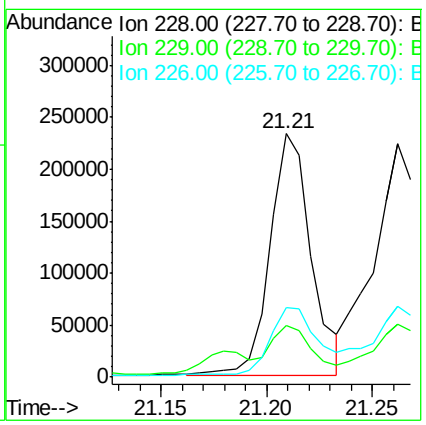
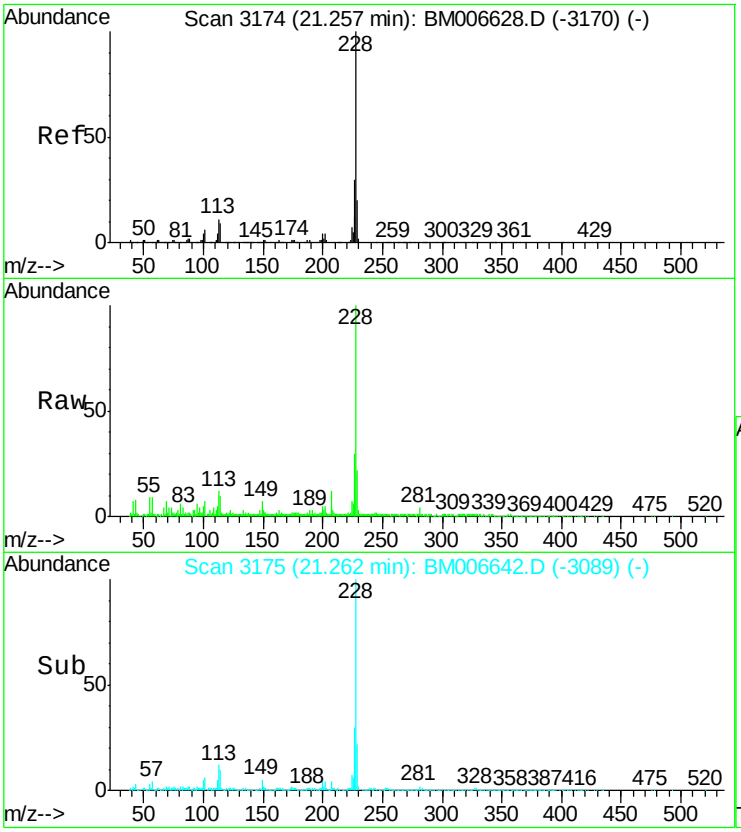


#32
Benzo(a)anthracene
Concen: 5.06 ng/ul
RT: 21.21 min Scan# 3166
Delta R.T. 0.01 min
Lab File: BM006642.D
Acq: 23 Jul 2016 02:09

Tgt Ion:228 Resp: 315965

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.6	25.0
226	28.8	21.0	31.4





#33
Chrysene
Concen: 5.81 ng/ul
RT: 21.26 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BM006642.D
Acq: 23 Jul 2016 02:09

Tgt Ion:228 Resp: 334605

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.4	35.2
229	22.5	16.2	24.2

Instrument :
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ClientSampleId :
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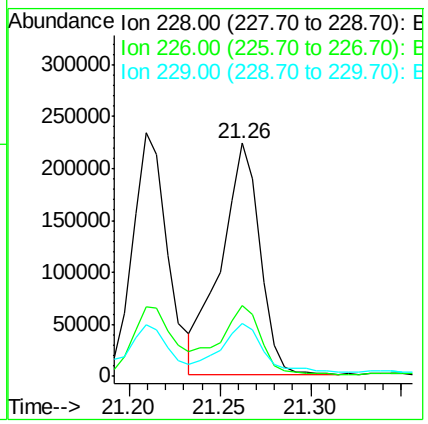
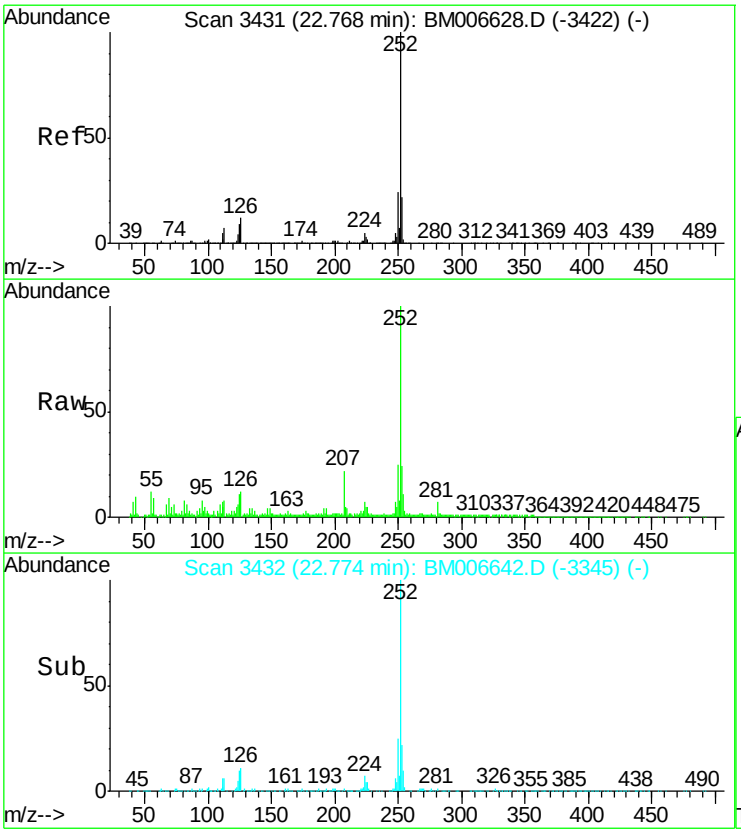
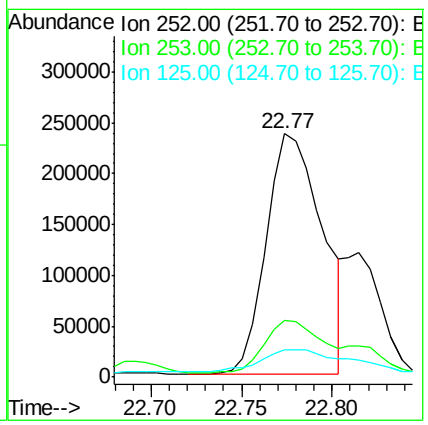


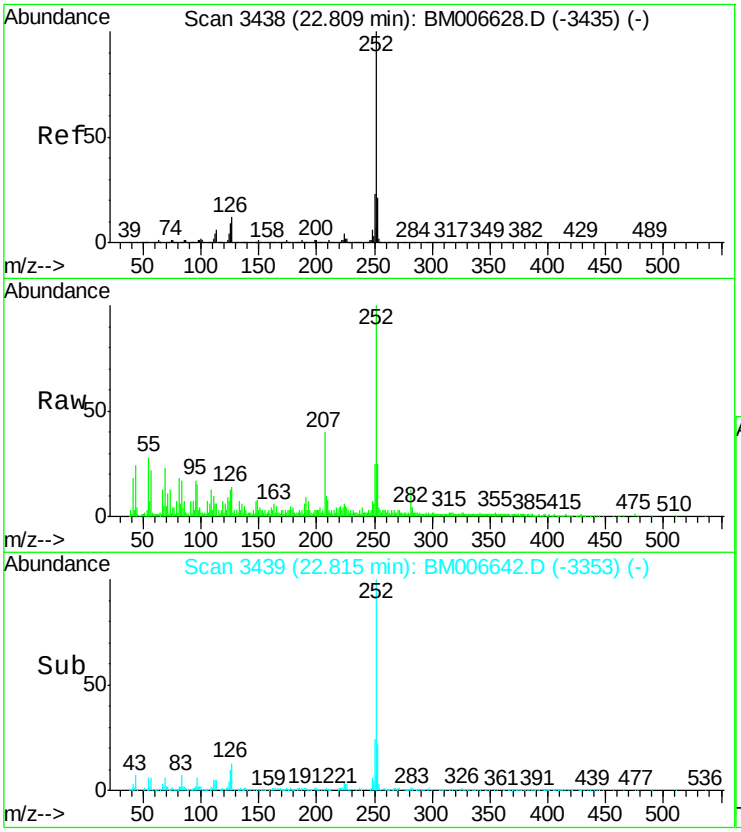


#35
Benzo(b)fluoranthene
Concen: 7.94 ng/ul
RT: 22.77 min Scan# 3432
Delta R.T. 0.01 min
Lab File: BM006642.D
Acq: 23 Jul 2016 02:09

Tgt Ion:252 Resp: 512318

Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	11.4	7.6	11.4#

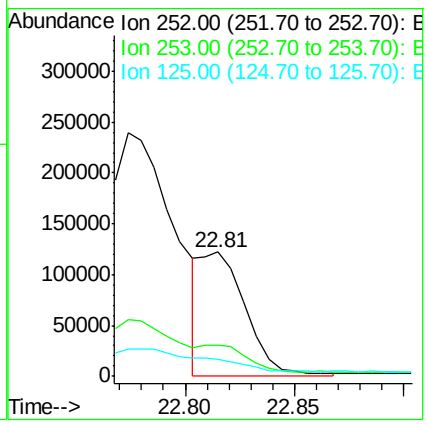




#36
Benzo(k)fluoranthene
Concen: 2.81 ng/ul m
RT: 22.81 min Scan# 3439
Delta R.T. 0.01 min
Lab File: BM006642.D
Acq: 23 Jul 2016 02:09

Tgt Ion:252 Resp: 175251

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.8	26.8
125	13.3	7.7	11.5#



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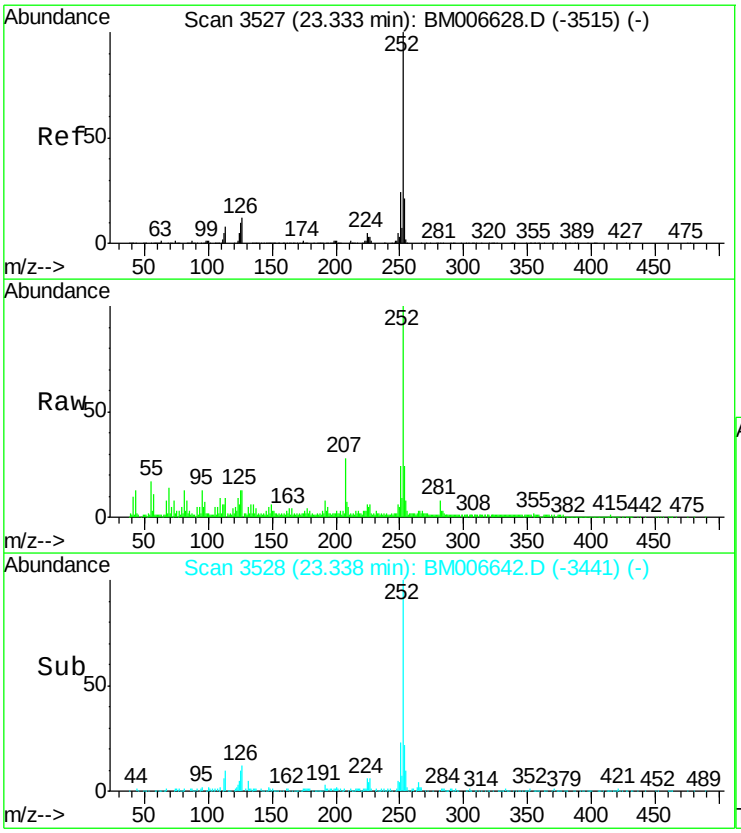
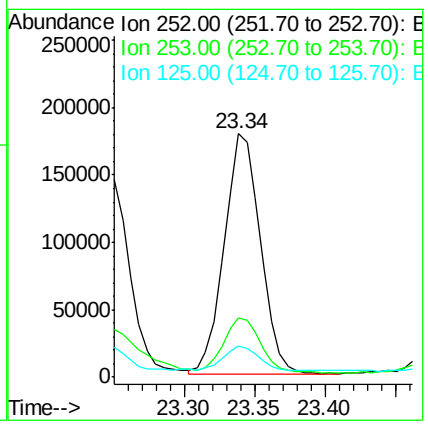
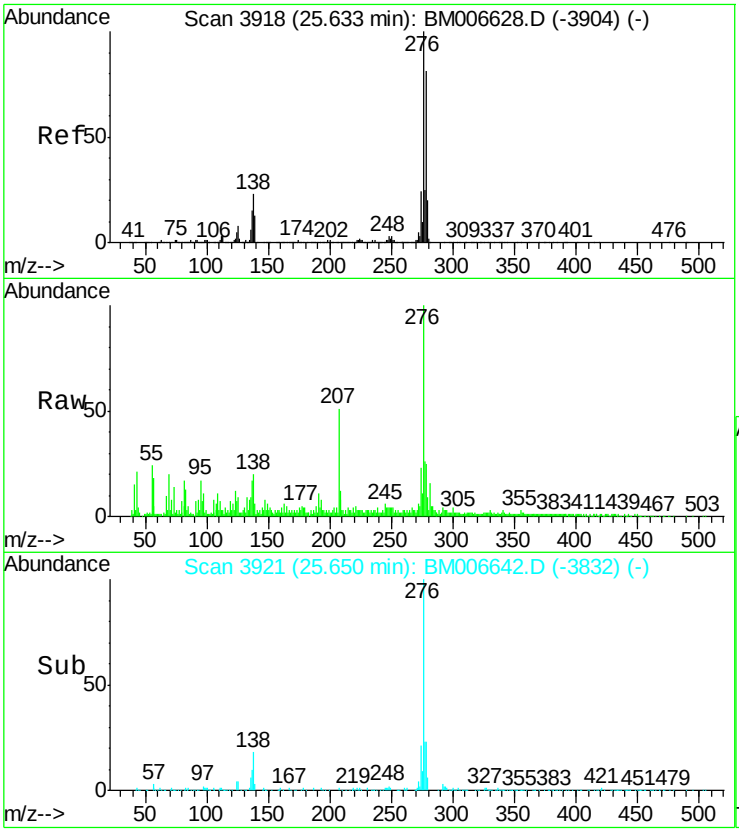


#38
Benzo(a)pyrene
Concen: 5.04 ng/ul
RT: 23.34 min Scan# 3528
Delta R.T. 0.01 min
Lab File: BM006642.D
Acq: 23 Jul 2016 02:09

Tgt Ion:252 Resp: 316533

Ion	Ratio	Lower	Upper
252	100		
253	24.1	17.4	26.0
125	12.5	8.2	12.2#

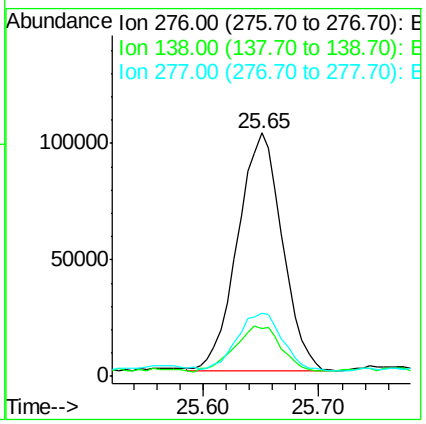




#39
Indeno(1,2,3-cd)pyrene
Concen: 3.78 ng/ul
RT: 25.65 min Scan# 3921
Delta R.T. 0.02 min
Lab File: BM006642.D
Acq: 23 Jul 2016 02:09

Tgt Ion:276 Resp: 275196

Ion	Ratio	Lower	Upper
276	100		
138	19.6	15.8	23.6
277	26.2	19.0	28.6



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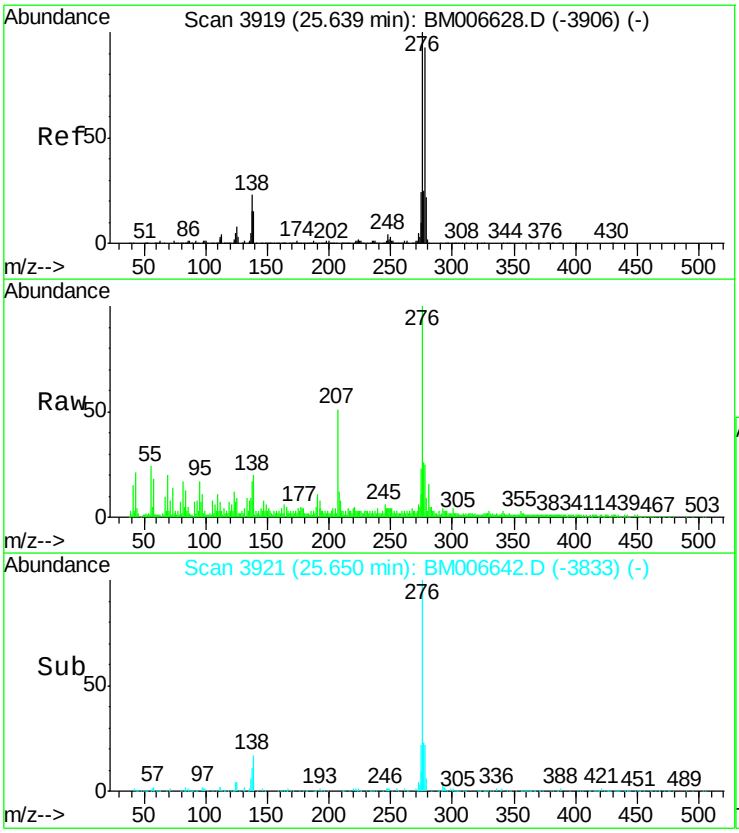
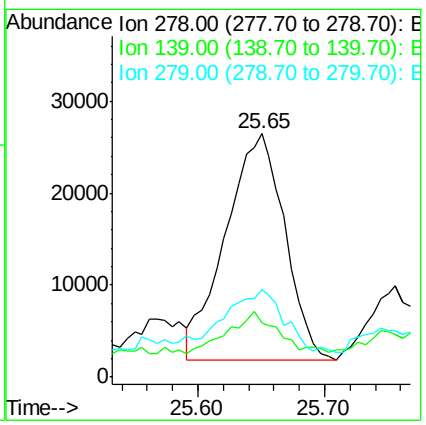
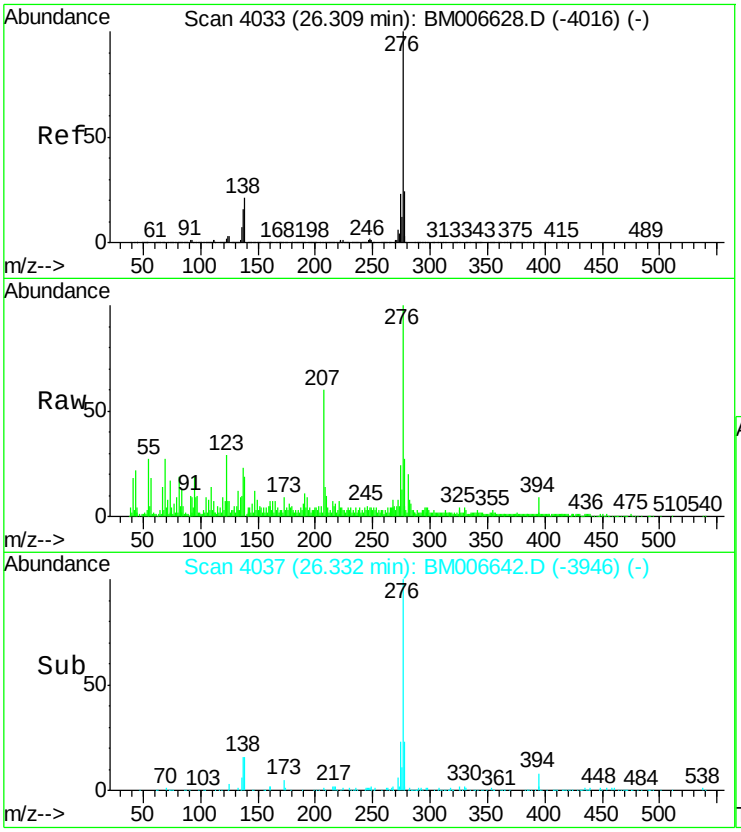


#40
Dibenzo(a,h)anthracene
Concen: 1.32 ng/ul
RT: 25.65 min Scan# 3921
Delta R.T. 0.02 min
Lab File: BM006642.D
Acq: 23 Jul 2016 02:09

Tgt Ion:278 Resp: 79735

Ion	Ratio	Lower	Upper
278	100		
139	22.5	12.1	18.1#
279	35.8	19.8	29.8#

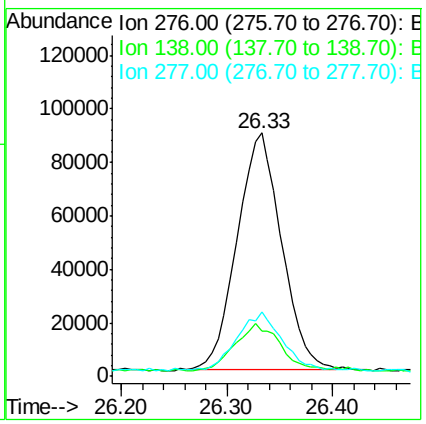




#41
Benzo(g,h,i)perylene
Concen: 4.14 ng/ul
RT: 26.33 min Scan# 4037
Delta R.T. 0.04 min
Lab File: BM006642.D
Acq: 23 Jul 2016 02:09

Tgt Ion:276 Resp: 257954

Ion	Ratio	Lower	Upper
276	100		
138	18.8	13.9	20.9
277	26.7	19.8	29.6



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