Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM073116\
Data File : BM006821.D
Acq On : 01 Aug 2016 11:40
Operator : UM/SJ
Sample : H4188-06
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9ZL4

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Quant Time: Aug 01 14:14:06 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM072016.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jul 30 01:37:26 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	237785	20.00	ng/ul	0.00
7) Naphthalene-d8	10.39	136	1010542	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.26	164	555983	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.02	188	1245234	20.00	ng/ul	0.00
29) Chrysene-d12	21.23	240	1184087	20.00	ng/ul	0.01
34) Perylene-d12	23.44	264	1381407	20.00	ng/ul	0.02
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.13	96	7899	1.34	ng/uL	0.00
3) Phenol-d5	6.80	99	329491	16.29	ng/ul	0.01
4) Bis-(2-Chloroethyl)ether-d	6.95	67	220860	17.62	ng/ul	0.00
5) 2-Chlorophenol-d4	7.15	132	272597	16.86	ng/ul	0.00
6) 4-Methylphenol-d8	8.32	113	215680	13.75	ng/ul	0.00
8) Nitrobenzene-d5	8.76	128	143291	18.73	ng/ul	0.00
9) 2-Nitrophenol-d4	9.48	143	155140	19.07	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.02	165	271295	17.65	ng/ul	0.00
12) 4-Chloroaniline-d4	10.53	131	292602	17.28	ng/ul	0.00
16) Dimethylphthalate-d6	13.67	166	833835	19.13	ng/ul	0.00
17) Acenaphthylene-d8	13.95	160	1076494	19.35	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	116674	15.41	ng/ul	0.02
21) Fluorene-d10	15.26	176	751213	19.27	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.41	200	50200	7.77	ng/ul	0.01
26) Anthracene-d10	17.12	188	1146018	19.38	ng/ul	0.00
30) Pyrene-d10	19.42	212	1223707	22.68	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.30	264	1216140	19.14	ng/ul	0.02
Target Compounds						Qvalue
19) Acenaphthene	14.33	153	64438	1.68	ng/ul	95
25) Phenanthrene	17.06	178	821860	11.74	ng/ul	98
27) Anthracene	17.15	178	184475	2.56	ng/ul	99
28) Fluoranthene	19.09	202	2422469	29.44	ng/ul	97
31) Pyrene	19.45	202	2315076	32.29	ng/ul	97
32) Benzo(a)anthracene	21.21	228	1988018	27.70	ng/ul	98
33) Chrysene	21.26	228	2494062	37.69	ng/ul	97
35) Benzo(b)fluoranthene	22.78	252	4821566	58.23	ng/ul	100
36) Benzo(k)fluoranthene	22.82	252	1349332m	16.85	ng/ul	
38) Benzo(a)pyrene	23.34	252	3324042	41.24	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.66	276	2950339	31.61	ng/ul	98
40) Dibenzo(a,h)anthracene	25.66	278	854964m	11.05	ng/ul	
41) Benzo(g,h,i)perylene	26.34	276	2467025	30.84	ng/ul	98

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

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Misc :
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Quant Title : SVOA CALIBRATION
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Instrument :
BNA_M
ClientSampleId :
D9ZL4

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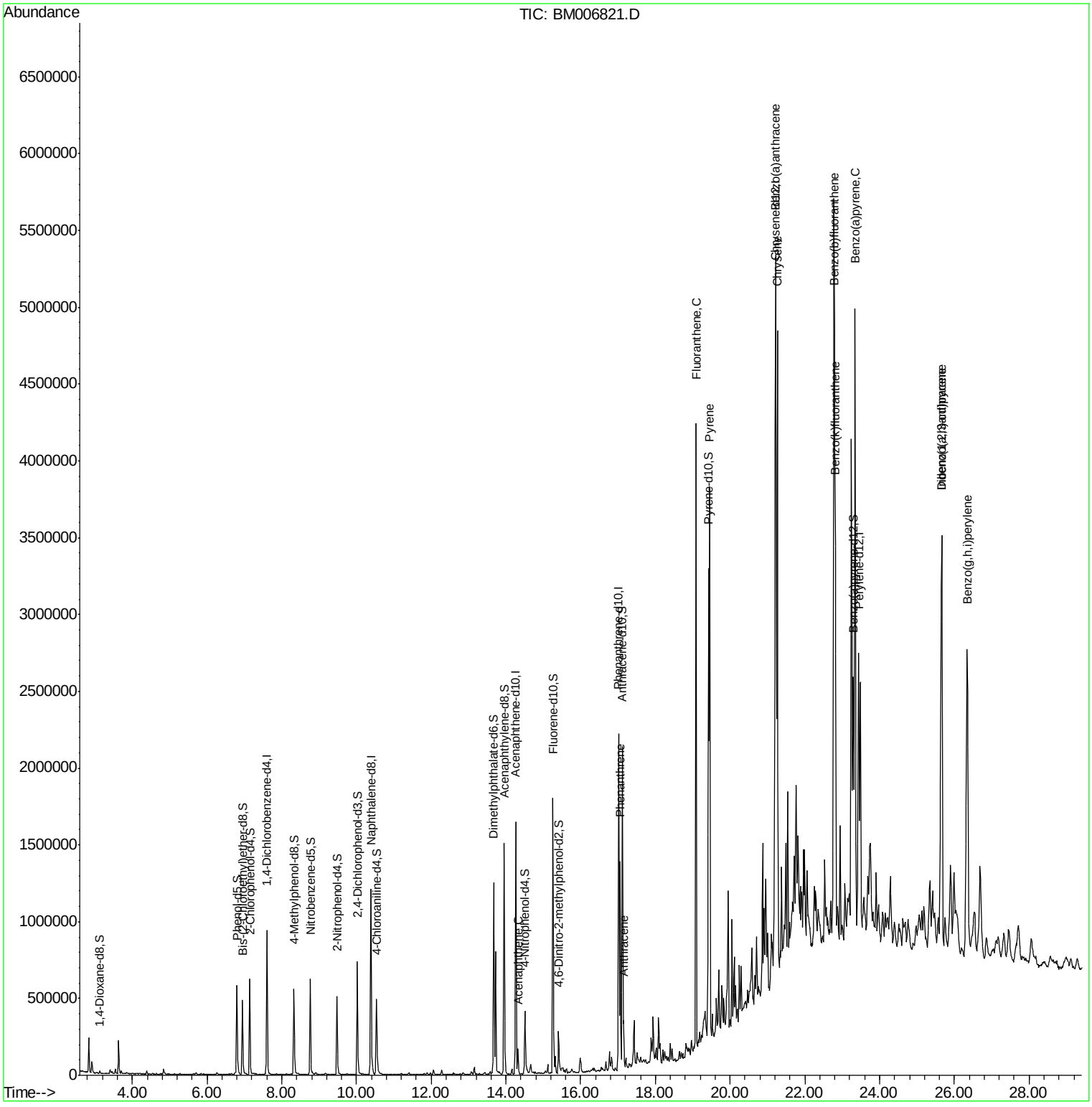
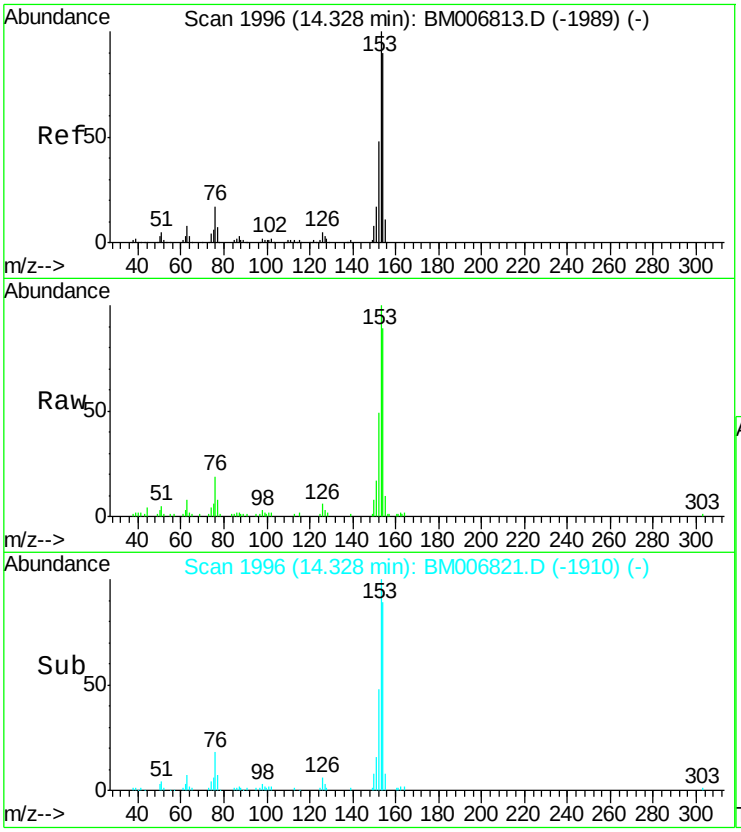
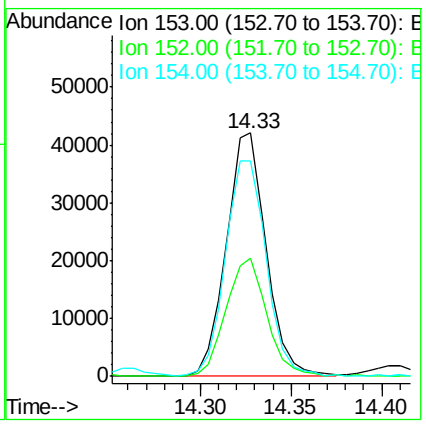




#19
Acenaphthene
Concen: 1.68 ng/ul
RT: 14.33 min Scan# 1996
Delta R.T. 0.01 min
Lab File: BM006821.D
Acq: 01 Aug 2016 11:40

Tgt Ion:153 Resp: 64438

Ion	Ratio	Lower	Upper
153	100		
152	48.7	36.5	54.7
154	88.6	67.3	100.9



Instrument :
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ClientSampleId :
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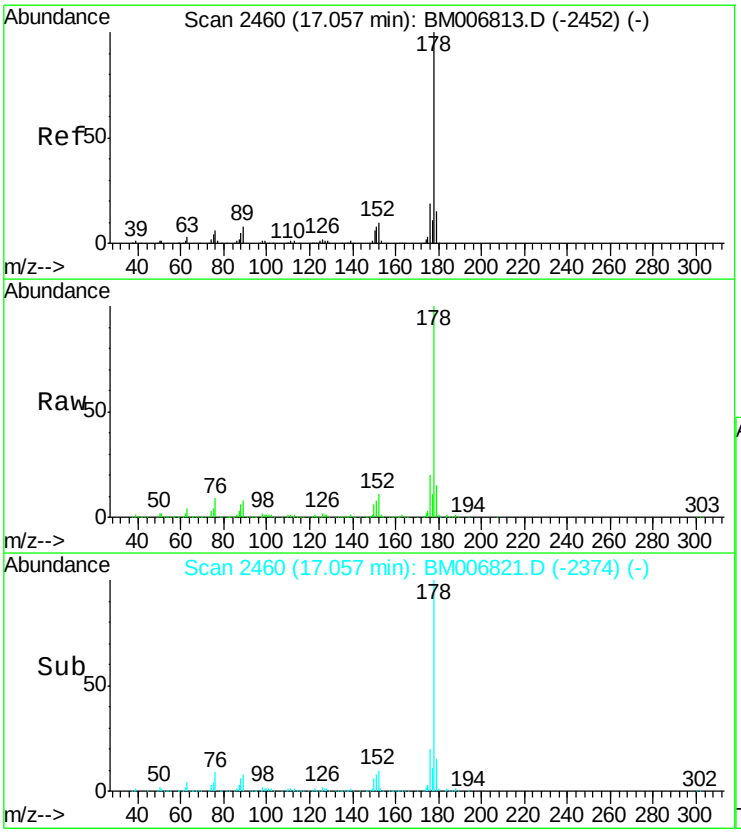
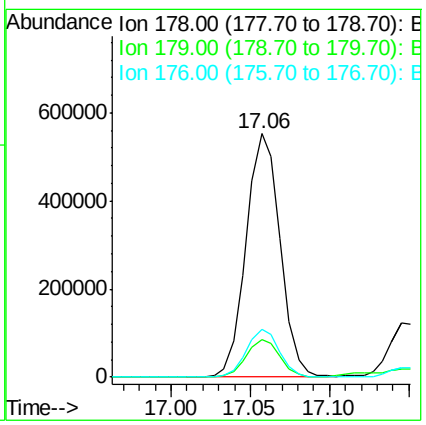
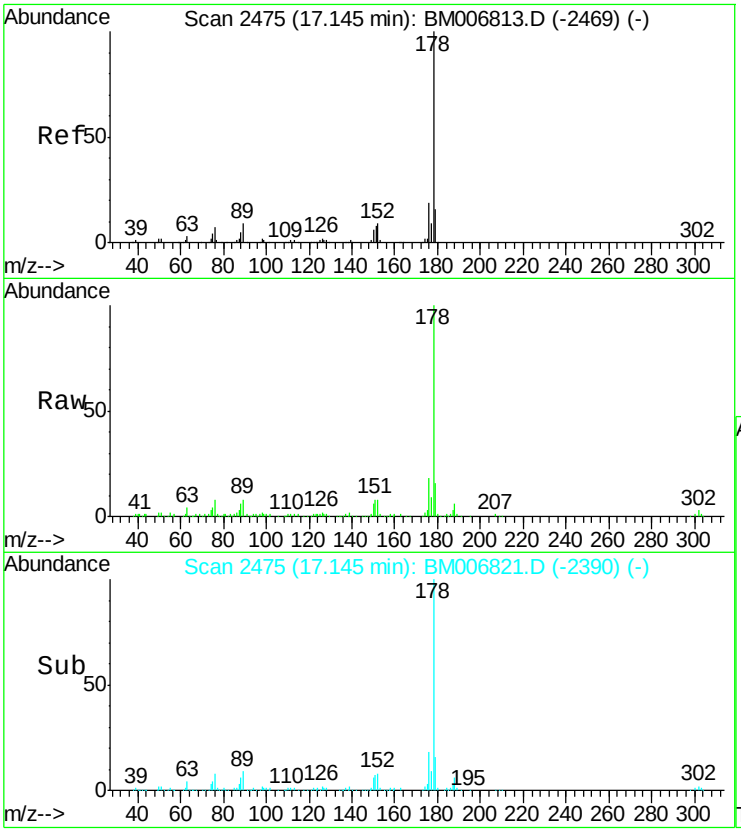


#25
Phenanthrene
Concen: 11.74 ng/ul
RT: 17.06 min Scan# 2460
Delta R.T. 0.01 min
Lab File: BM006821.D
Acq: 01 Aug 2016 11:40

Tgt Ion:178 Resp: 821860

Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	19.9	14.8	22.2

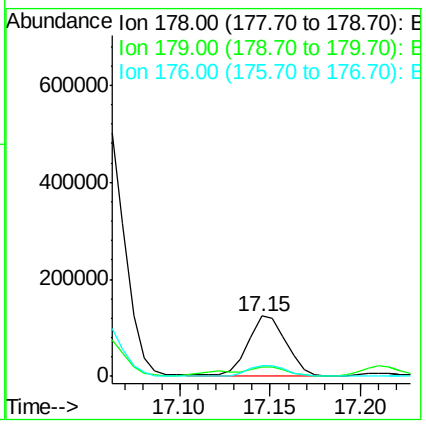




#27
Anthracene
Concen: 2.56 ng/ul
RT: 17.15 min Scan# 2475
Delta R.T. 0.00 min
Lab File: BM006821.D
Acq: 01 Aug 2016 11:40

Tgt Ion:178 Resp: 184475

Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.9	19.3
176	18.4	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
D9ZL4

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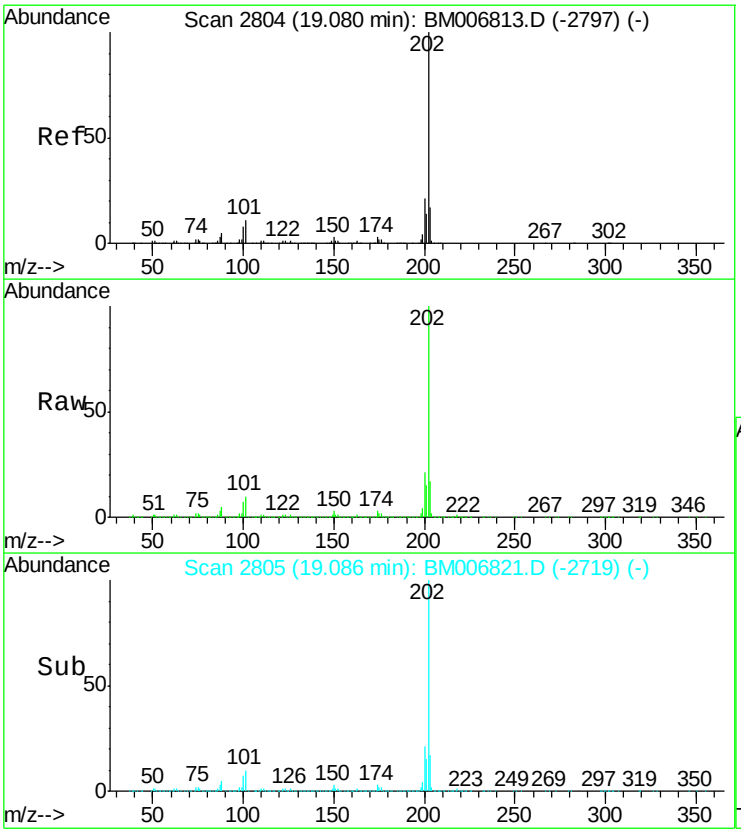
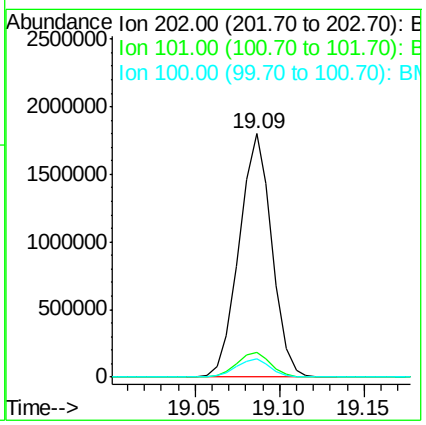
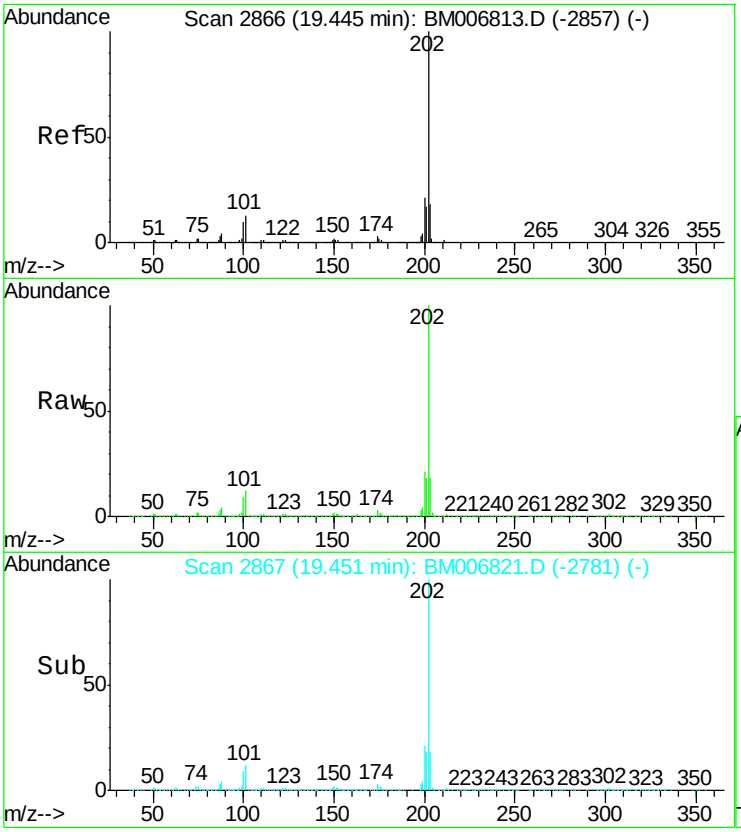


#28
Fluoranthene
Concen: 29.44 ng/ul
RT: 19.09 min Scan# 2805
Delta R.T. 0.01 min
Lab File: BM006821.D
Acq: 01 Aug 2016 11:40

Tgt Ion:202 Resp: 2422469

Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.9	13.3
100	7.5	7.0	10.4





#31
Pyrene
Concen: 32.29 ng/ul
RT: 19.45 min Scan# 2867
Delta R.T. 0.01 min
Lab File: BM006821.D
Acq: 01 Aug 2016 11:40

Tgt Ion:202 Resp: 2315076

Ion	Ratio	Lower	Upper
202	100		
101	12.5	9.8	14.8
100	9.5	9.3	13.9

Instrument :
BNA_M
ClientSampleId :
D9ZL4

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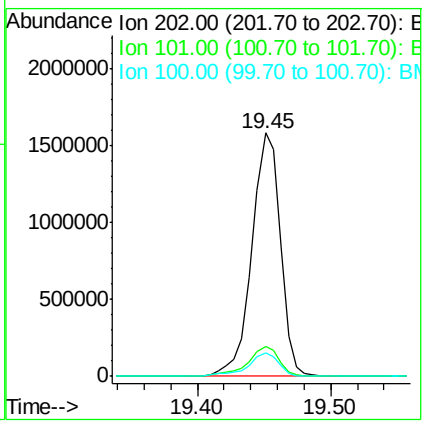
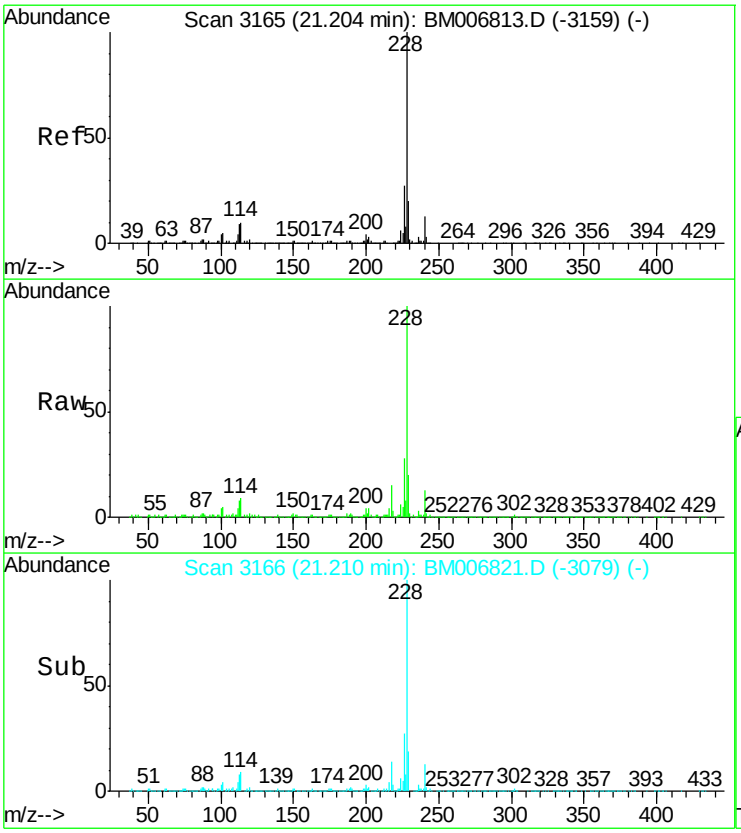
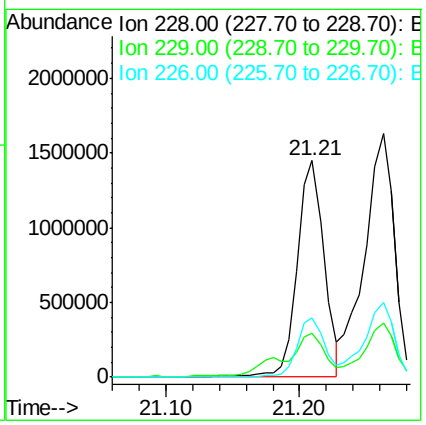


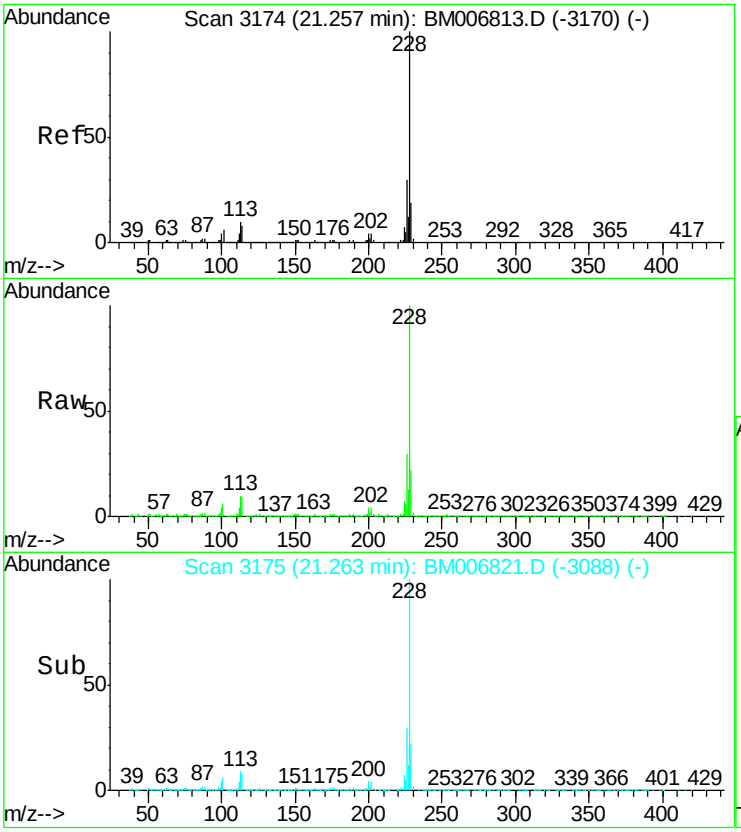


#32
Benzo(a)anthracene
Concen: 27.70 ng/ul
RT: 21.21 min Scan# 3166
Delta R.T. 0.01 min
Lab File: BM006821.D
Acq: 01 Aug 2016 11:40

Tgt Ion:228 Resp: 1988018

Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.6	25.0
226	27.6	21.0	31.4

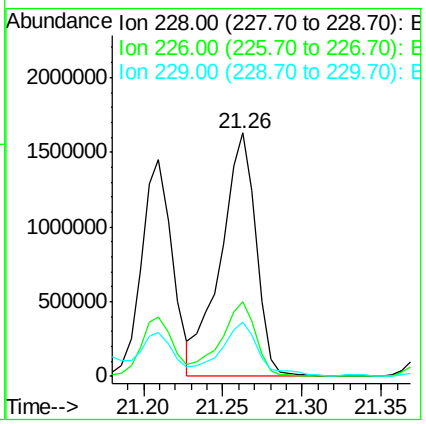




#33
Chrysene
Concen: 37.69 ng/ul
RT: 21.26 min Scan# 3175
Delta R.T. 0.01 min
Lab File: BM006821.D
Acq: 01 Aug 2016 11:40

Tgt Ion:228 Resp: 2494062

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.4	35.2
229	22.3	16.2	24.2



Instrument :
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ClientSampleId :
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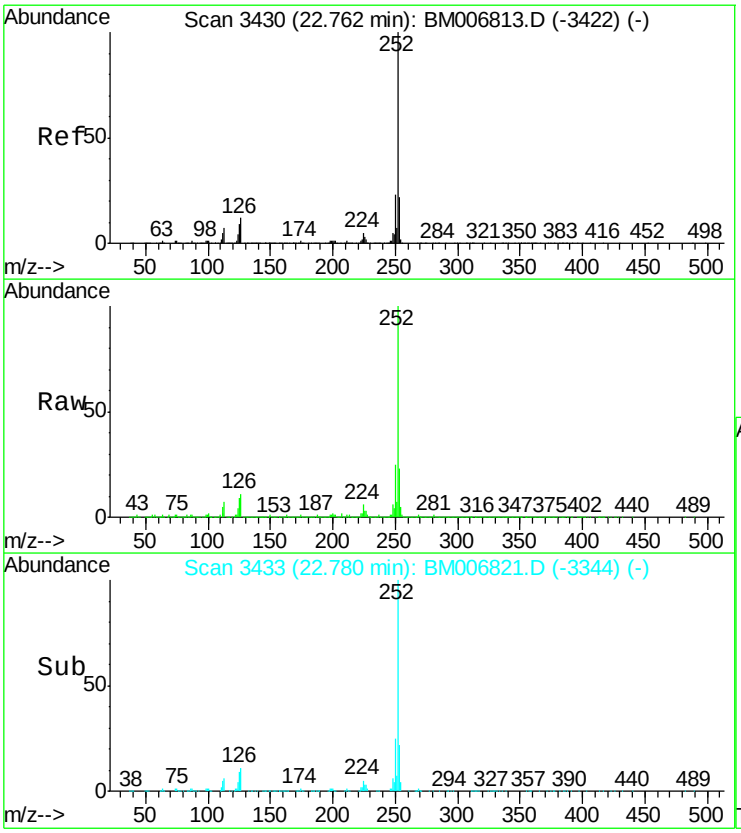
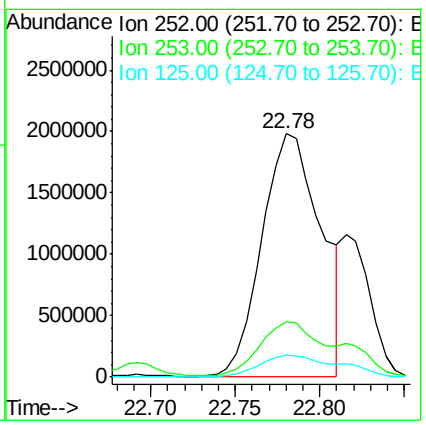
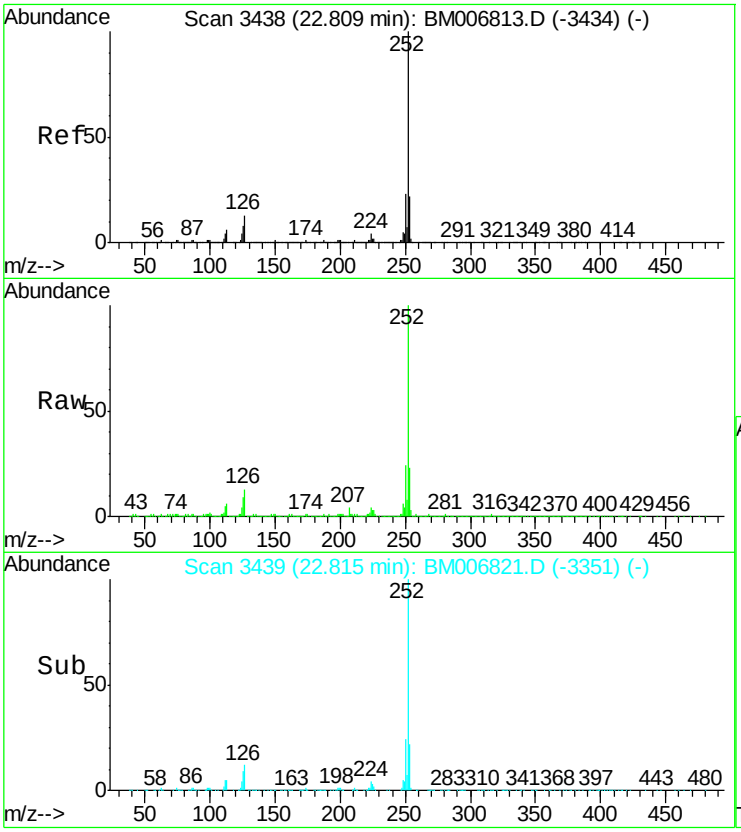


#35
Benzo(b)fluoranthene
Concen: 58.23 ng/ul
RT: 22.78 min Scan# 3433
Delta R.T. 0.02 min
Lab File: BM006821.D
Acq: 01 Aug 2016 11:40

Tgt Ion:252 Resp: 4821566

Ion	Ratio	Lower	Upper
252	100		
253	22.7	18.1	27.1
125	9.1	7.6	11.4

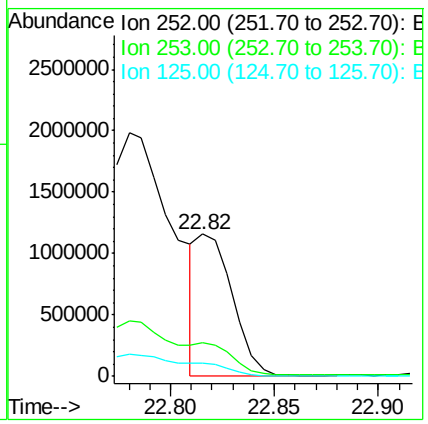




#36
Benzo(k)fluoranthene
Concen: 16.85 ng/ul m
RT: 22.82 min Scan# 3439
Delta R.T. 0.02 min
Lab File: BM006821.D
Acq: 01 Aug 2016 11:40

Tgt Ion:252 Resp: 1349332

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.8	26.8
125	9.4	7.7	11.5



Instrument :
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ClientSampleId :
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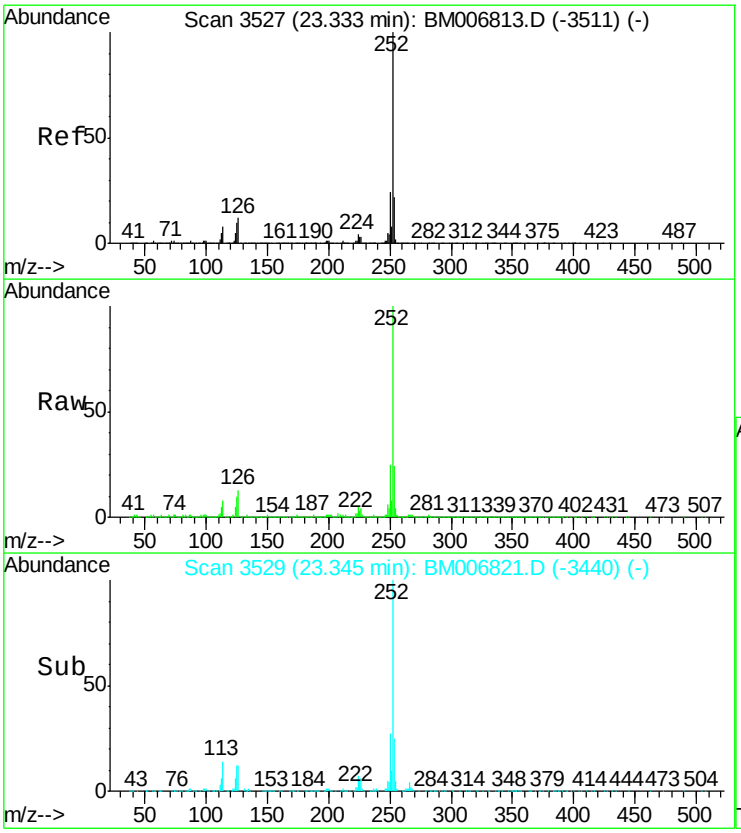
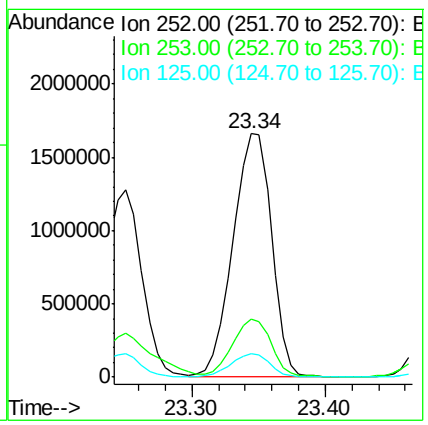
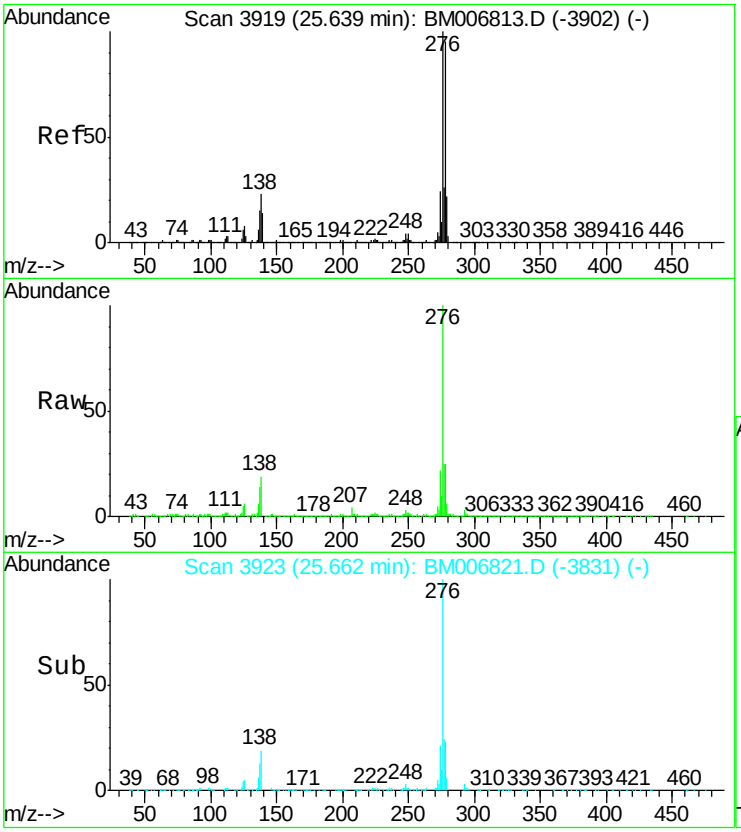


#38
Benzo(a)pyrene
Concen: 41.24 ng/ul
RT: 23.34 min Scan# 3529
Delta R.T. 0.02 min
Lab File: BM006821.D
Acq: 01 Aug 2016 11:40

Tgt Ion:252 Resp: 3324042

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.4	26.0
125	9.7	8.2	12.2

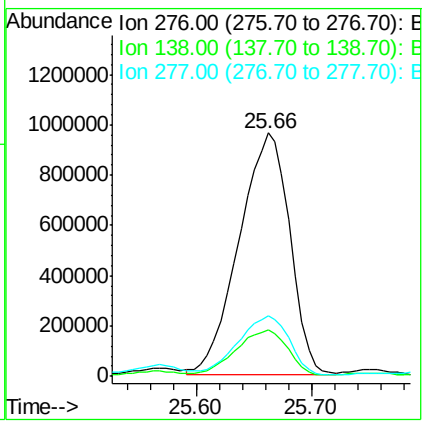




#39
Indeno(1,2,3-cd)pyrene
Concen: 31.61 ng/ul
RT: 25.66 min Scan# 3923
Delta R.T. 0.04 min
Lab File: BM006821.D
Acq: 01 Aug 2016 11:40

Tgt Ion:276 Resp: 2950339

Ion	Ratio	Lower	Upper
276	100		
138	19.2	15.8	23.6
277	25.1	19.0	28.6



Instrument :
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ClientSampleId :
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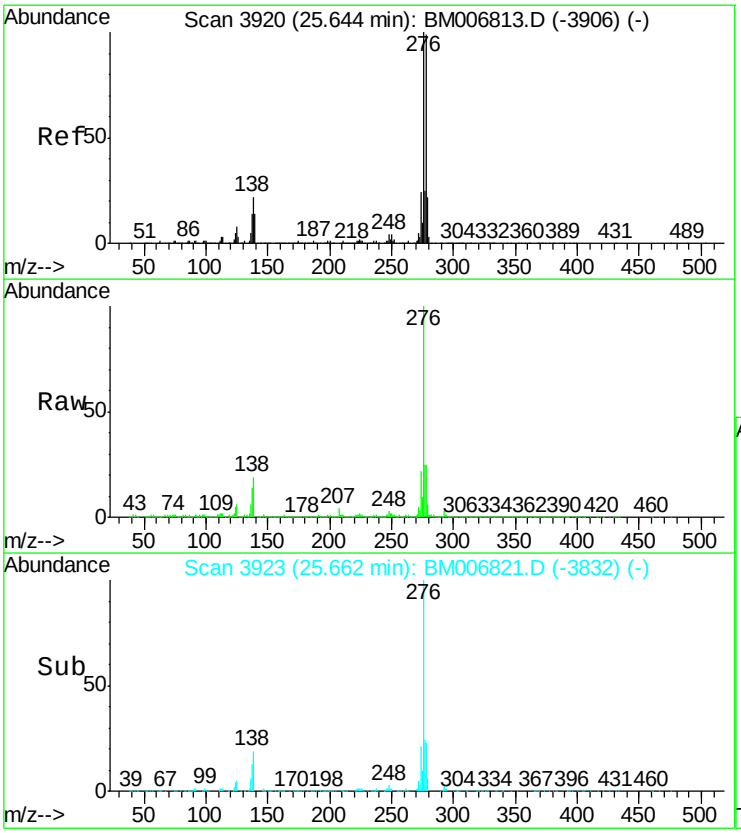
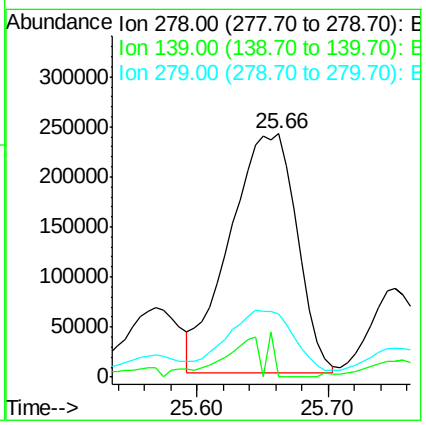
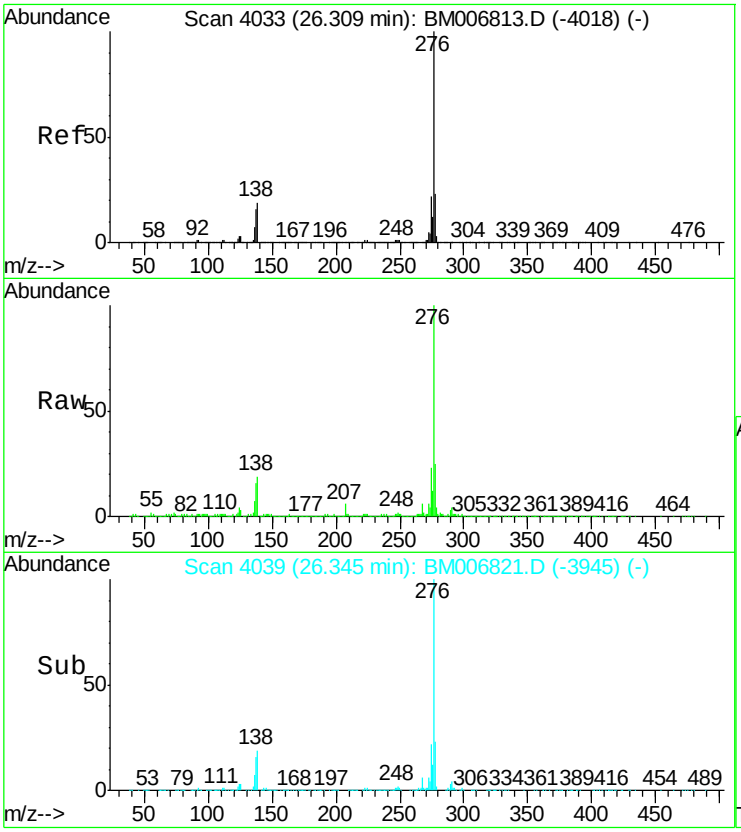


#40
Dibenzo(a,h)anthracene
Concen: 11.05 ng/ul m
RT: 25.66 min Scan# 3923
Delta R.T. 0.04 min
Lab File: BM006821.D
Acq: 01 Aug 2016 11:40

Tgt Ion:278 Resp: 854964

Ion	Ratio	Lower	Upper
278	100		
139	0.0	12.1	18.1#
279	25.8	19.8	29.8

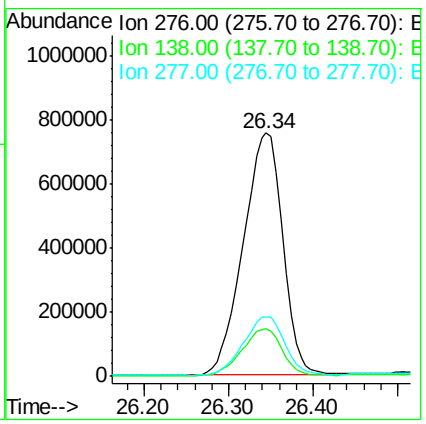




#41
Benzo(g,h,i)perylene
Concen: 30.84 ng/ul
RT: 26.34 min Scan# 4039
Delta R.T. 0.05 min
Lab File: BM006821.D
Acq: 01 Aug 2016 11:40

Tgt Ion:276 Resp: 2467025

Ion	Ratio	Lower	Upper
276	100		
138	19.4	13.9	20.9
277	24.6	19.8	29.6



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