Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006146.D
Acq On : 30 Jun 2016 03:39
Operator : UM/SJ
Sample : H3777-08
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YB8

Manual Integrations
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6/30/2016 7:44:37 PM

Quant Time: Jun 30 04:18:59 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	7.65	152	274194	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1241223	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	715386	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1584789	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1248139	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1122367	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.16	96	5947	1.01	ng/uL	0.00
3) Phenol-d5	6.82	99	281129	12.55	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	194713	14.74	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	230053	13.38	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	205972	11.42	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	121444	14.53	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	131708	13.76	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	238656	13.67	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	200734	14.55	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	758865	14.80	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	968421	15.56	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	62976	6.47	ng/ul	0.00
21) Fluorene-d10	15.30	176	671744	15.35	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	75285	13.41	ng/ul	0.00
26) Anthracene-d10	17.15	188	1013214	15.94	ng/ul	0.00
30) Pyrene-d10	19.45	212	1025003	20.39	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	695893	15.58	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.48	128	61074	1.12	ng/ul	98
13) 2-Methylnaphthalene	12.10	142	56249	1.36	ng/ul	91
14) 1-Methylnaphthalene	12.32	142	42642	1.09	ng/ul	95
25) Phenanthrene	17.09	178	184779	2.46	ng/ul	99
28) Fluoranthene	19.11	202	425887	4.64	ng/ul	98
31) Pyrene	19.47	202	410662	6.24	ng/ul	99
32) Benzo(a)anthracene	21.23	228	237641	3.66	ng/ul	97
33) Chrysene	21.28	228	314341	5.26	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	625744	10.74	ng/ul	98
36) Benzo(k)fluoranthene	22.84	252	181378m	3.32	ng/ul	
38) Benzo(a)pyrene	23.36	252	336424	6.11	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.67	276	281648	4.92	ng/ul#	93
40) Dibenzo(a,h)anthracene	25.67	278	78110	1.65	ng/ul#	90
41) Benzo(g,h,i)perylene	26.36	276	264188	5.52	ng/ul	96

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

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Instrument :
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Manual Integrations
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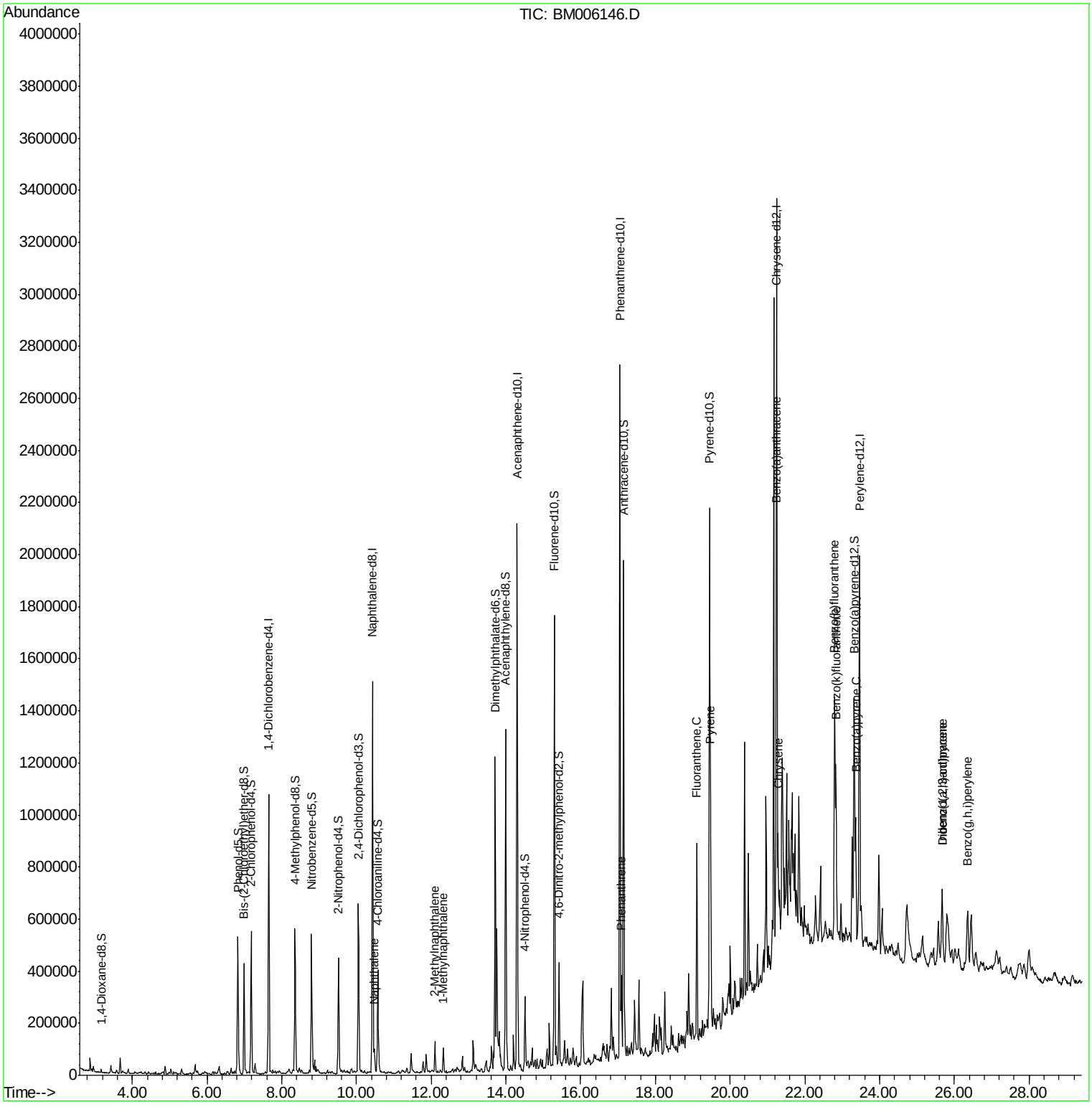
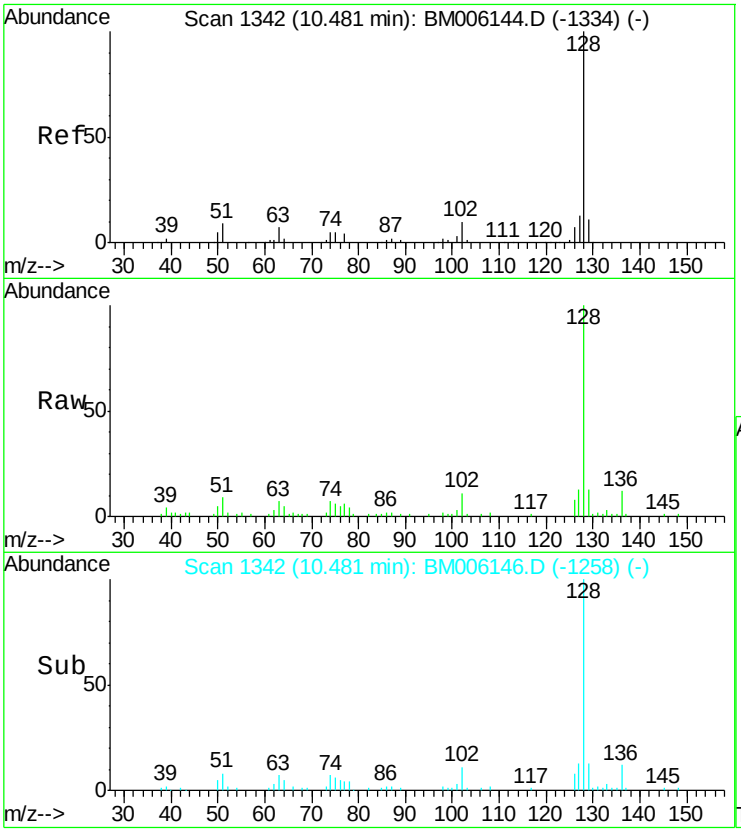
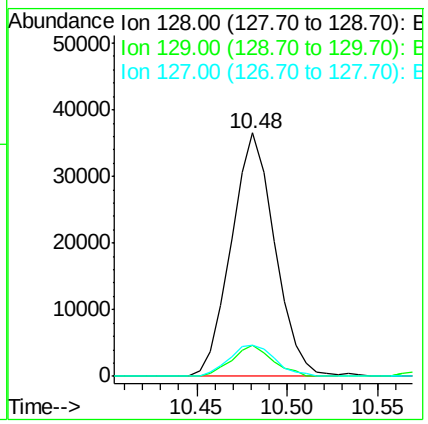




#11
Naphthalene
Concen: 1.12 ng/ul
RT: 10.48 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:128 Resp: 61074

Ion	Ratio	Lower	Upper
128	100		
129	12.8	8.9	13.3
127	12.8	10.5	15.7



Instrument :
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ClientSampleId :
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Manual Integrations
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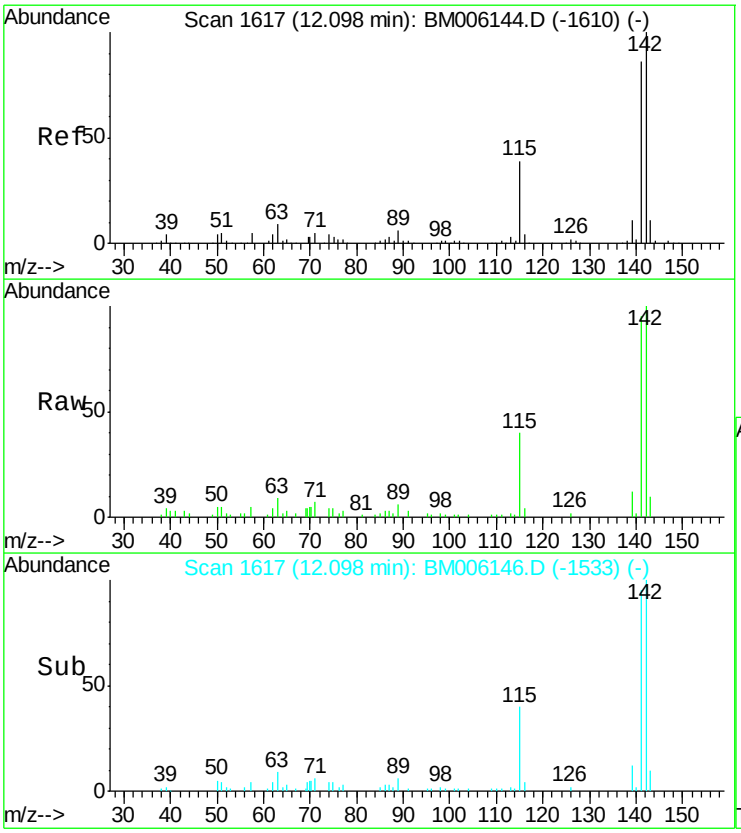
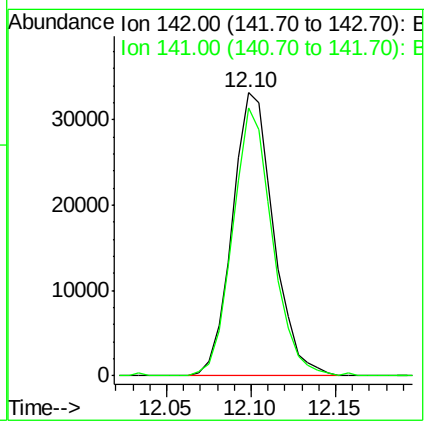
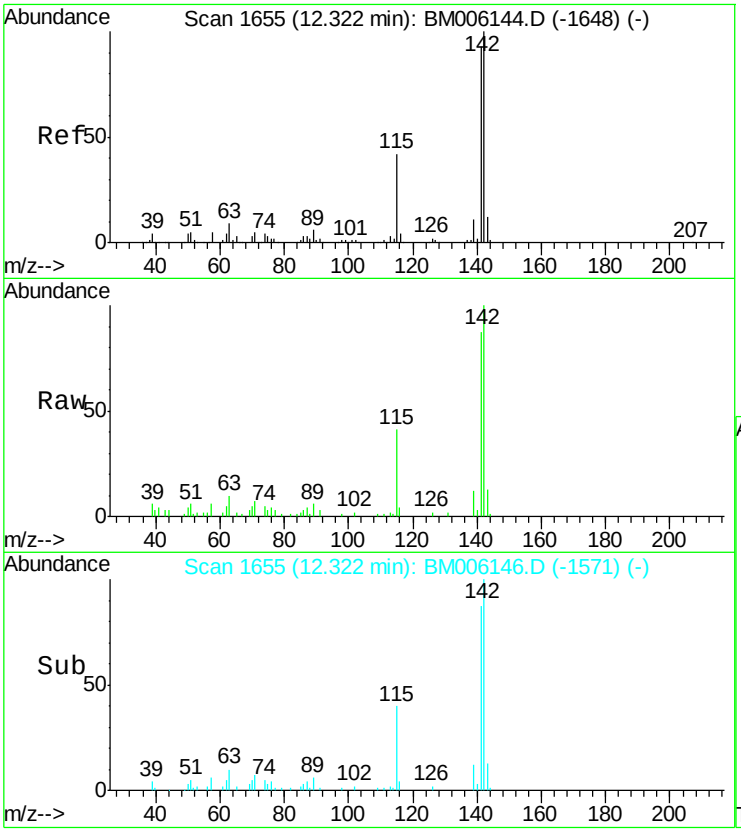


#13
2-Methylnaphthalene
Concen: 1.36 ng/ul
RT: 12.10 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:142 Resp: 56249

Ion	Ratio	Lower	Upper
142	100		
141	94.7	69.0	103.6

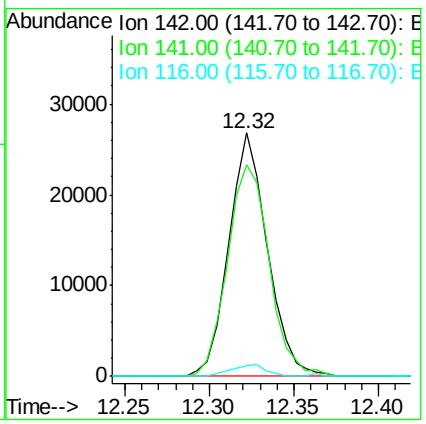




#14
1-Methylnaphthalene
Concen: 1.09 ng/ul
RT: 12.32 min Scan# 1655
Delta R.T. -0.01 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:142 Resp: 42642

Ion	Ratio	Lower	Upper
142	100		
141	86.7	73.0	109.4
116	4.3	3.0	4.6



Instrument :
BNA_M
ClientSampleId :
D9YB8

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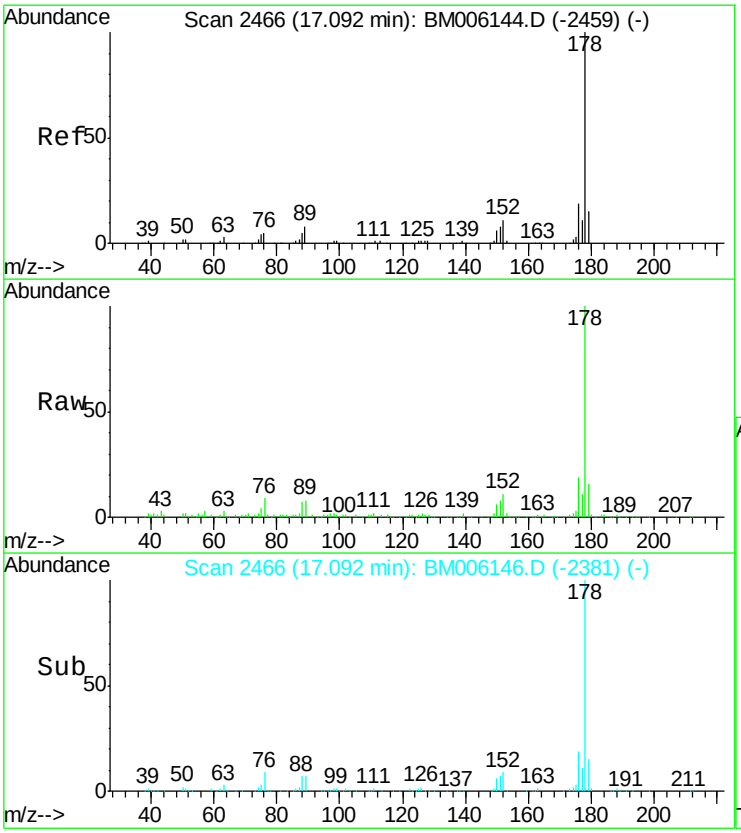
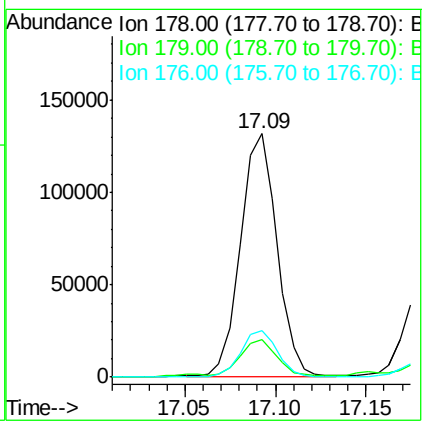
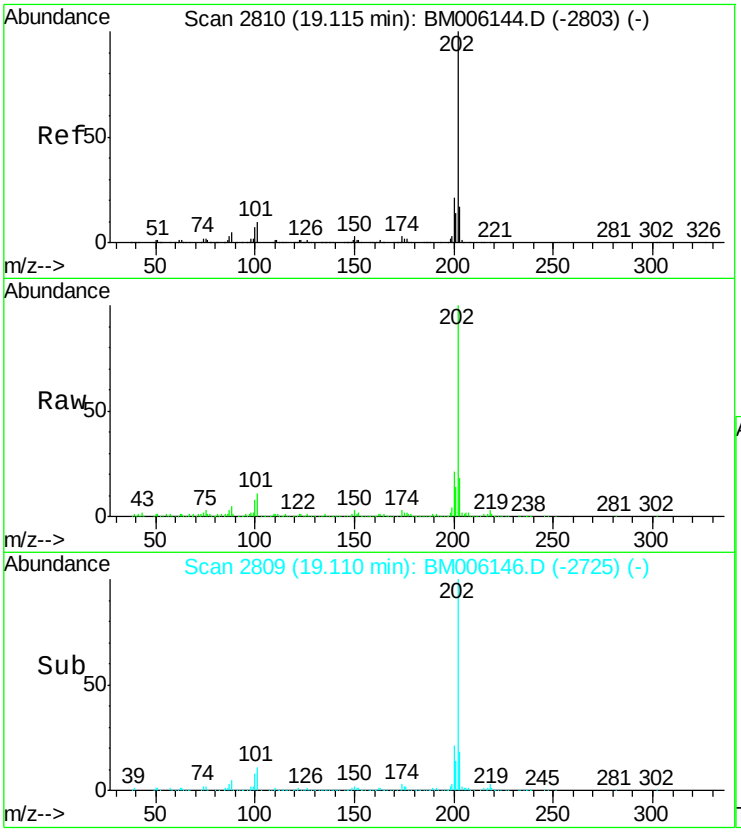


#25
Phenanthrene
Concen: 2.46 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:178 Resp: 184779

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.2	18.2
176	19.3	15.3	22.9

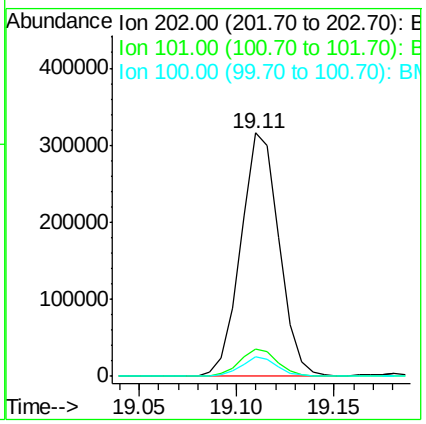




#28
Fluoranthene
Concen: 4.64 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:202 Resp: 425887

Ion	Ratio	Lower	Upper
202	100		
101	11.4	8.5	12.7
100	7.9	6.5	9.7



Instrument :
BNA_M
ClientSampleId :
D9YB8

Manual Integrations
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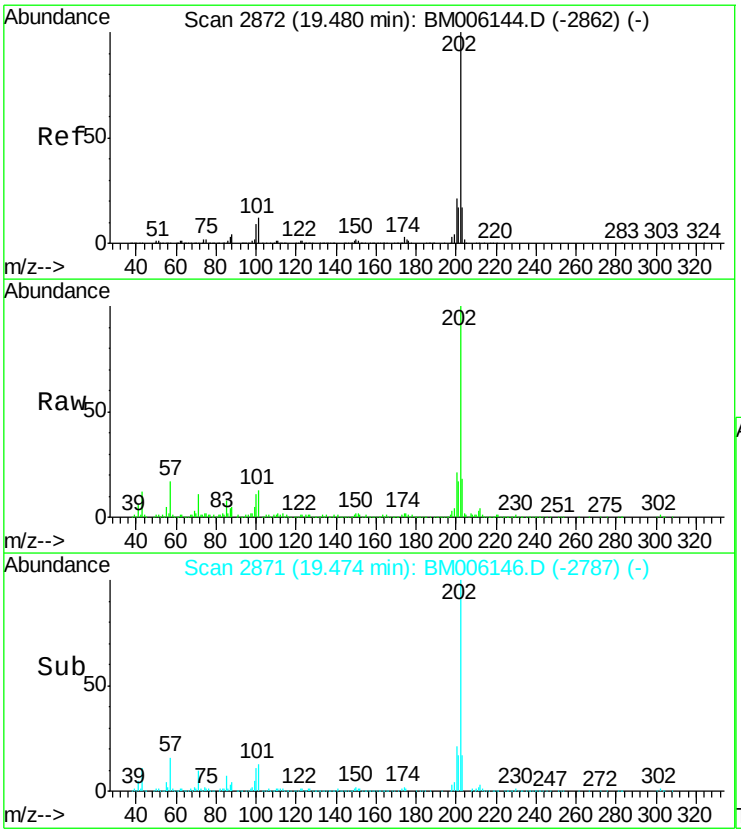
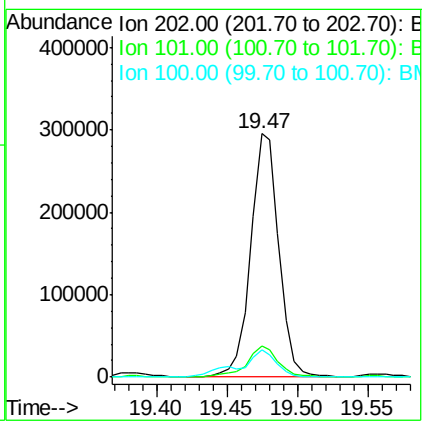
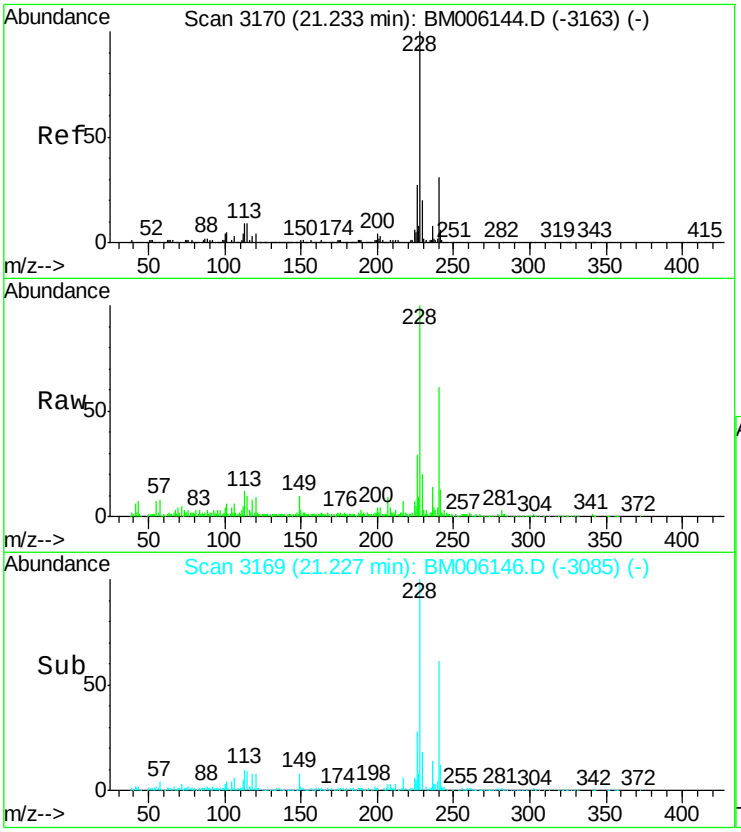


#31
Pyrene
Concen: 6.24 ng/ul
RT: 19.47 min Scan# 2871
Delta R.T. -0.01 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:202 Resp: 410662

Ion	Ratio	Lower	Upper
202	100		
101	12.8	11.0	16.4
100	11.0	8.9	13.3

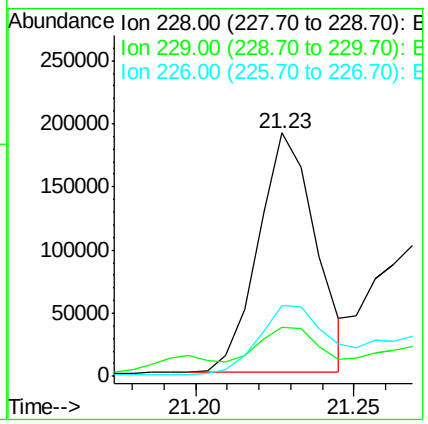




#32
Benzo(a)anthracene
Concen: 3.66 ng/ul
RT: 21.23 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:228 Resp: 237641

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.6	23.4
226	29.0	21.6	32.4



Instrument :
BNA_M
ClientSampleId :
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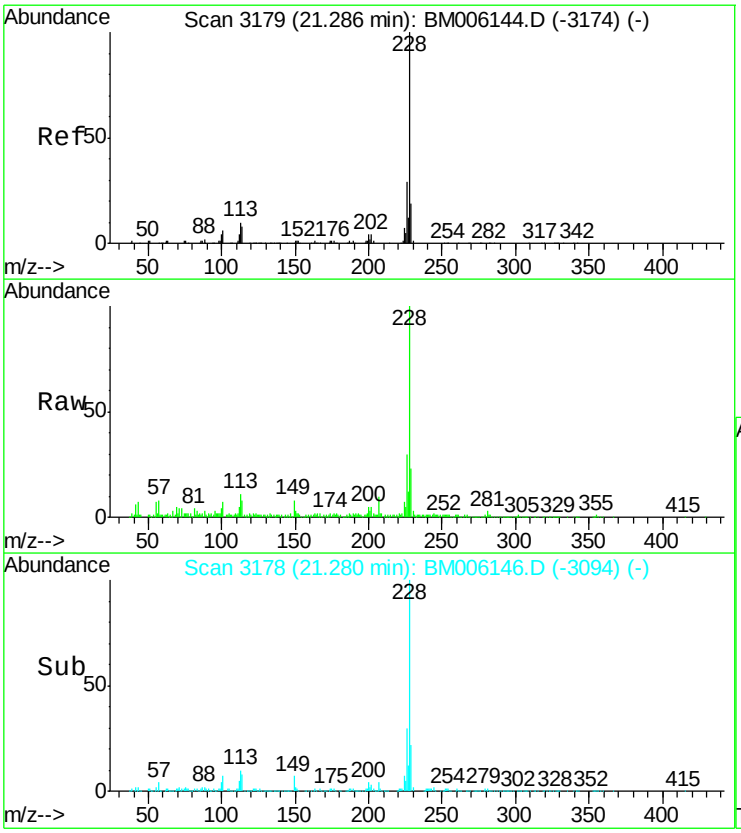
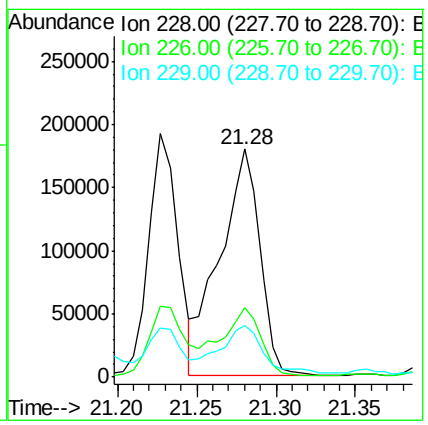
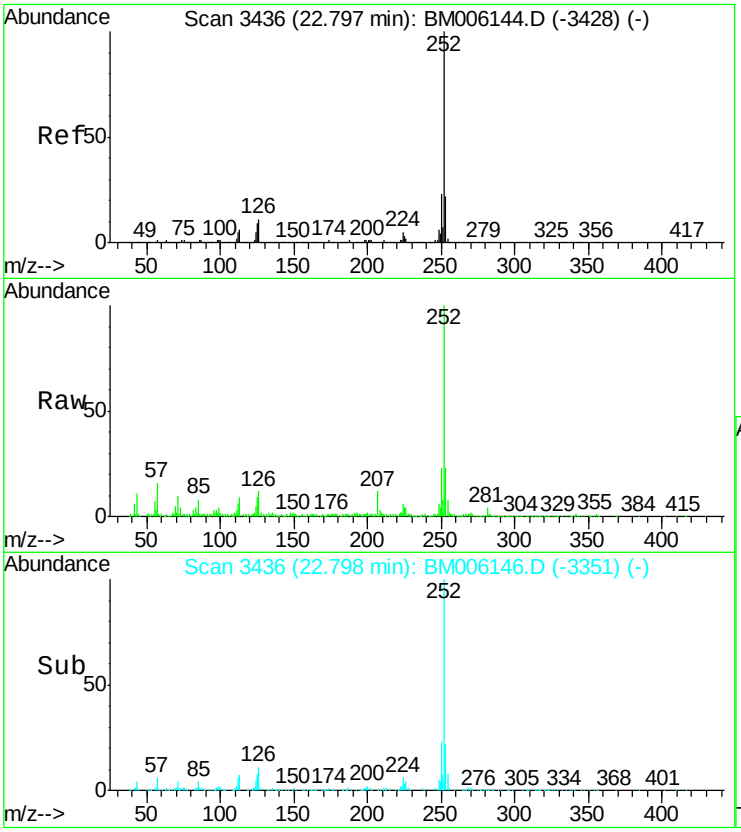


#33
Chrysene
Concen: 5.26 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:228 Resp: 314341

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.6
229	22.6	15.8	23.6

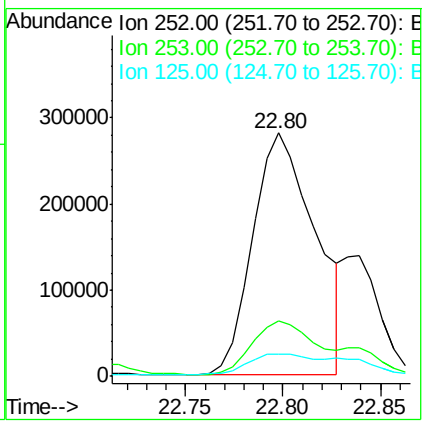




#35
Benzo(b)fluoranthene
Concen: 10.74 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:252 Resp: 625744

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.2	25.8
125	9.3	7.8	11.6



Instrument :
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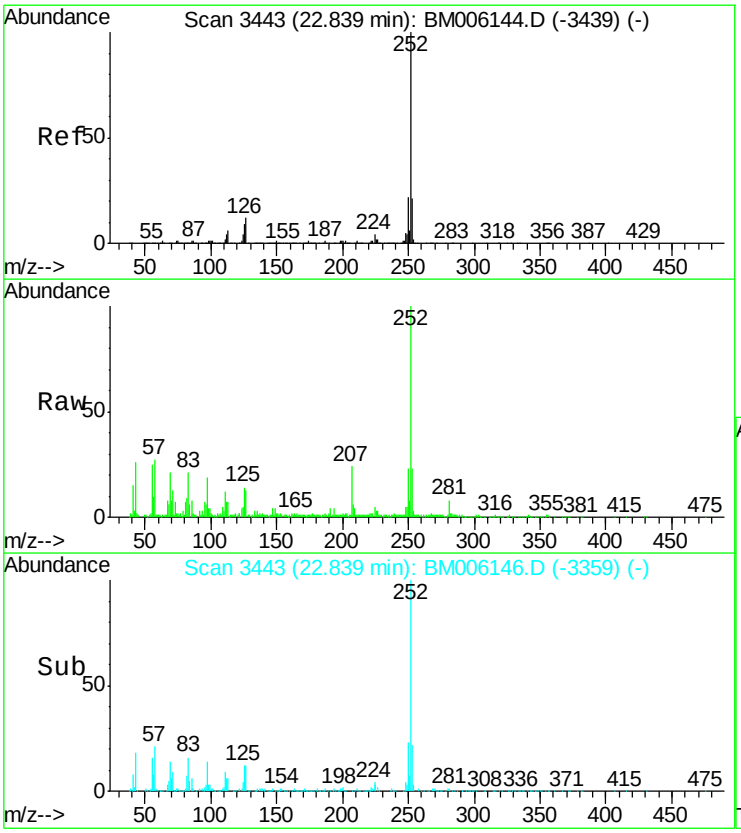
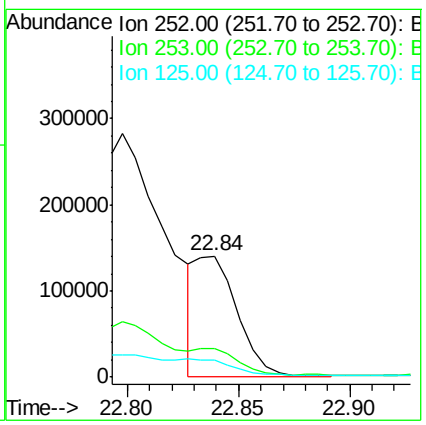
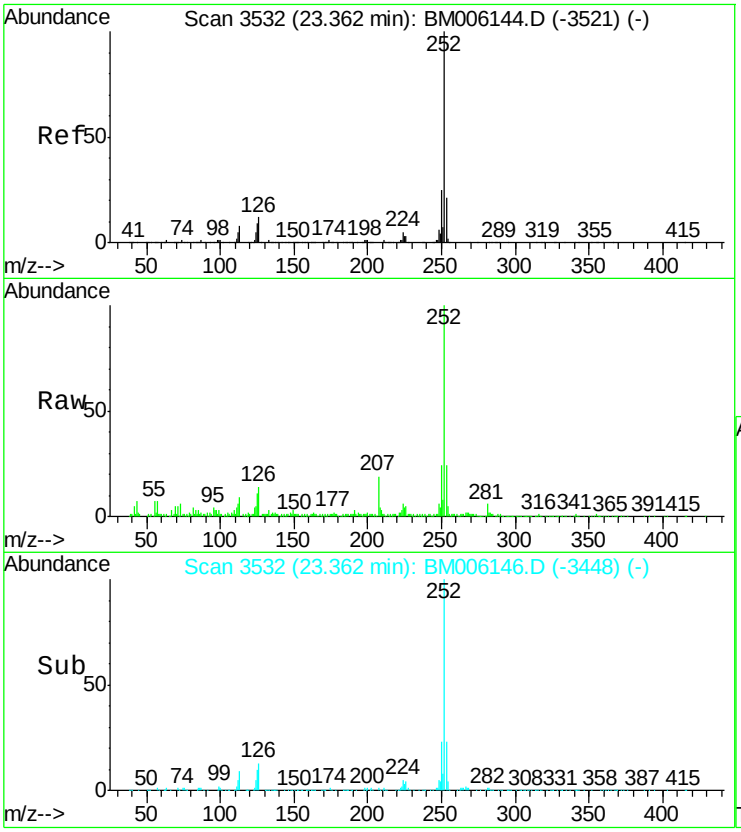


#36
Benzo(k)fluoranthene
Concen: 3.32 ng/ul m
RT: 22.84 min Scan# 3443
Delta R.T. -0.01 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:252 Resp: 181378

Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.6	26.4
125	13.8	8.1	12.1#

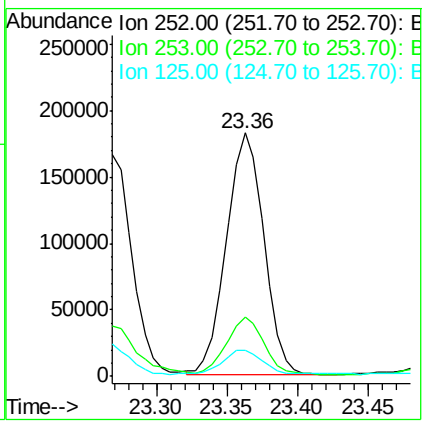




#38
Benzo(a)pyrene
Concen: 6.11 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:252 Resp: 336424

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	10.9	8.7	13.1



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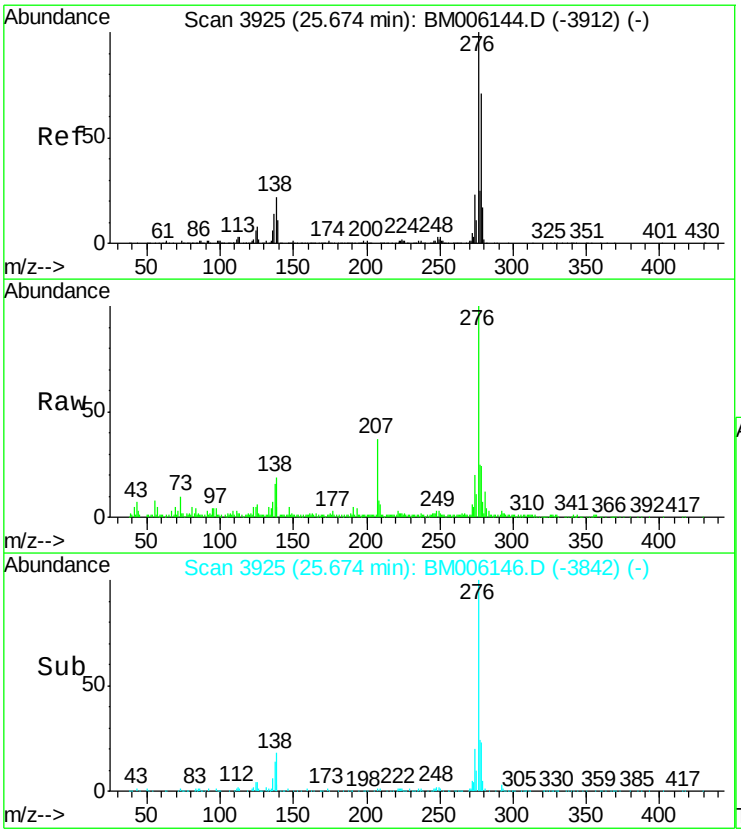
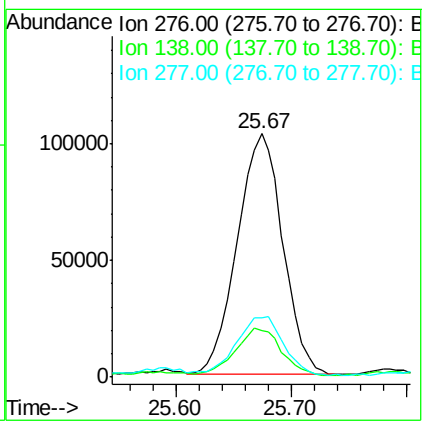
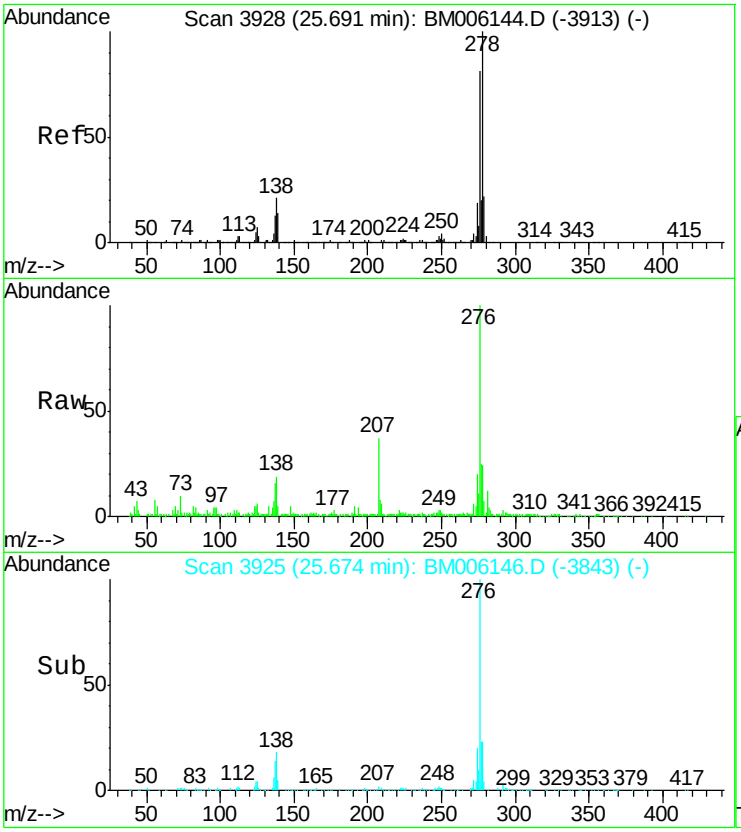


#39
Indeno(1,2,3-cd)pyrene
Concen: 4.92 ng/ul
RT: 25.67 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:276 Resp: 281648

Ion	Ratio	Lower	Upper
276	100		
138	19.3	20.4	30.6#
277	24.6	20.6	30.8

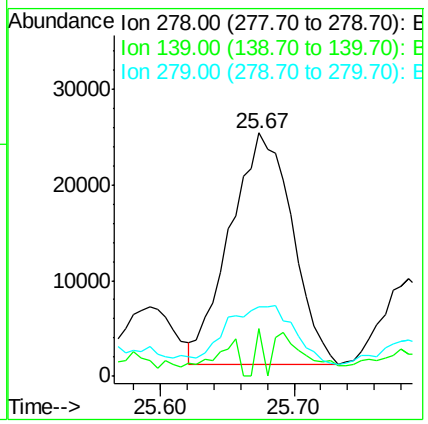




#40
Dibenzo(a,h)anthracene
Concen: 1.65 ng/ul
RT: 25.67 min Scan# 3925
Delta R.T. -0.02 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:278 Resp: 78110

Ion	Ratio	Lower	Upper
278	100		
139	19.7	13.0	19.4#
279	28.7	18.8	28.2#



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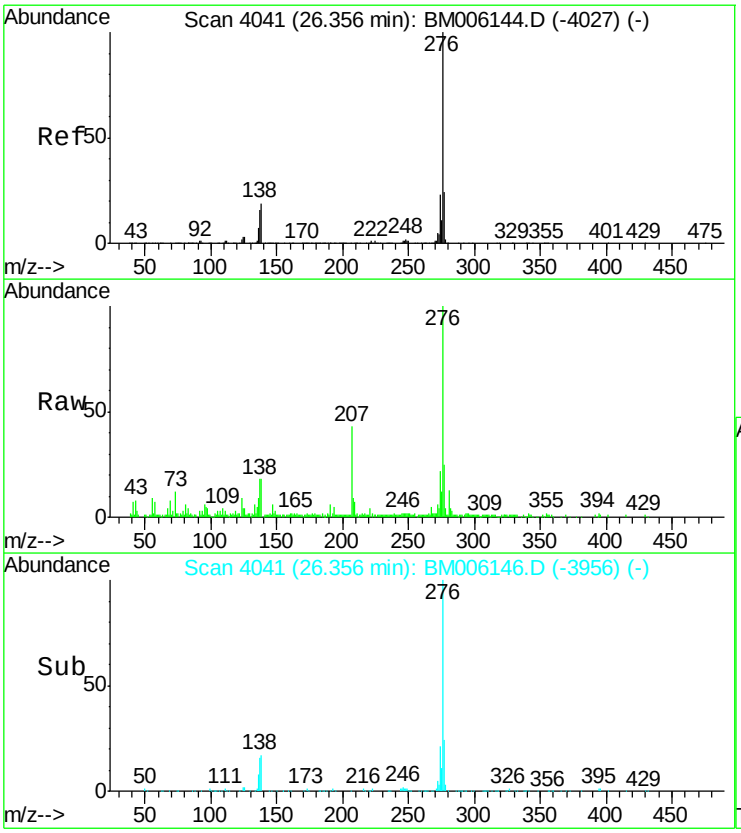

#41
Benzo(g,h,i)perylene
Concen: 5.52 ng/ul
RT: 26.36 min Scan# 4041
Delta R.T. 0.00 min
Lab File: BM006146.D
Acq: 30 Jun 2016 03:39

Tgt Ion:276 Resp: 264188

Ion	Ratio	Lower	Upper
276	100		
138	18.3	16.6	25.0
277	25.1	18.9	28.3