Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006046.D
Acq On : 26 Jun 2016 18:36
Operator : UM/SJ
Sample : H3670-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9Y79

Manual Integrations APPROVED
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Quant Time: Jun 27 05:56:05 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	216688	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1045341	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	651595	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1611262	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	2010298	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1882491	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.18	96	5295	1.09	ng/uL	0.00
3) Phenol-d5	6.83	99	270946	11.89	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	155758	12.28	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	202334	12.74	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	199908	10.39	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	98673	12.40	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	109629	12.38	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	220132	12.96	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	226229	12.27	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	682452	12.23	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	888591	13.73	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	127174	10.69	ng/ul	0.00
21) Fluorene-d10	15.30	176	640315	13.44	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	69581	7.78	ng/ul	0.00
26) Anthracene-d10	17.15	188	1043921	14.11	ng/ul	0.00
30) Pyrene-d10	19.45	212	1324862	15.04	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1227468	14.44	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	139325	1.61	ng/ul	98
28) Fluoranthene	19.12	202	377786	3.40	ng/ul	98
31) Pyrene	19.48	202	321127	2.79	ng/ul	99
32) Benzo(a)anthracene	21.23	228	229712	1.92	ng/ul	97
33) Chrysene	21.28	228	229538m	2.10	ng/ul	
35) Benzo(b)fluoranthene	22.80	252	300980	2.75	ng/ul#	92
38) Benzo(a)pyrene	23.36	252	173718	1.66	ng/ul#	93
41) Benzo(g,h,i)perylene	26.35	276	110866	1.03	ng/ul	99

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

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Instrument :
BNA_M
ClientSampleId :
D9Y79

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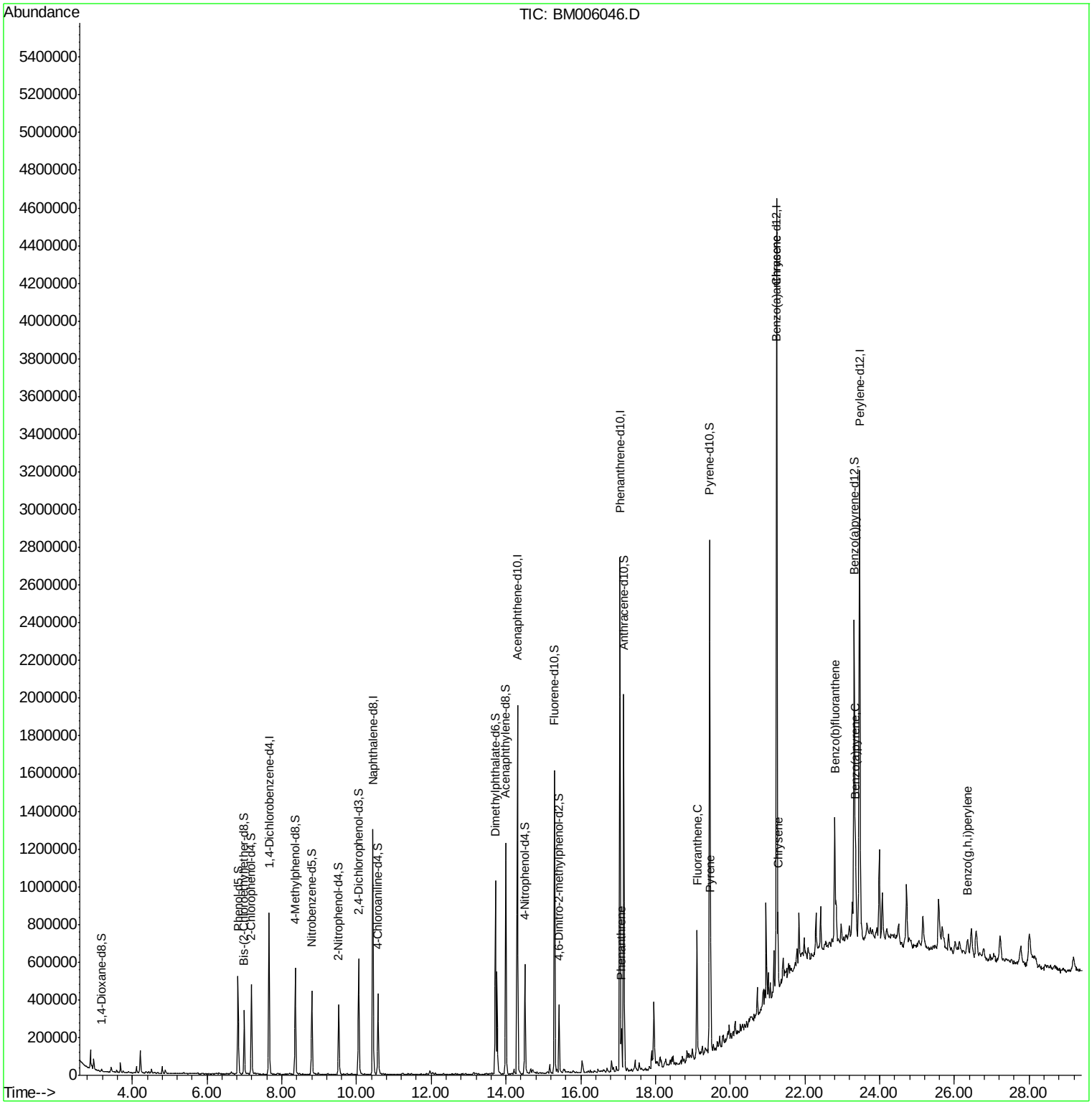
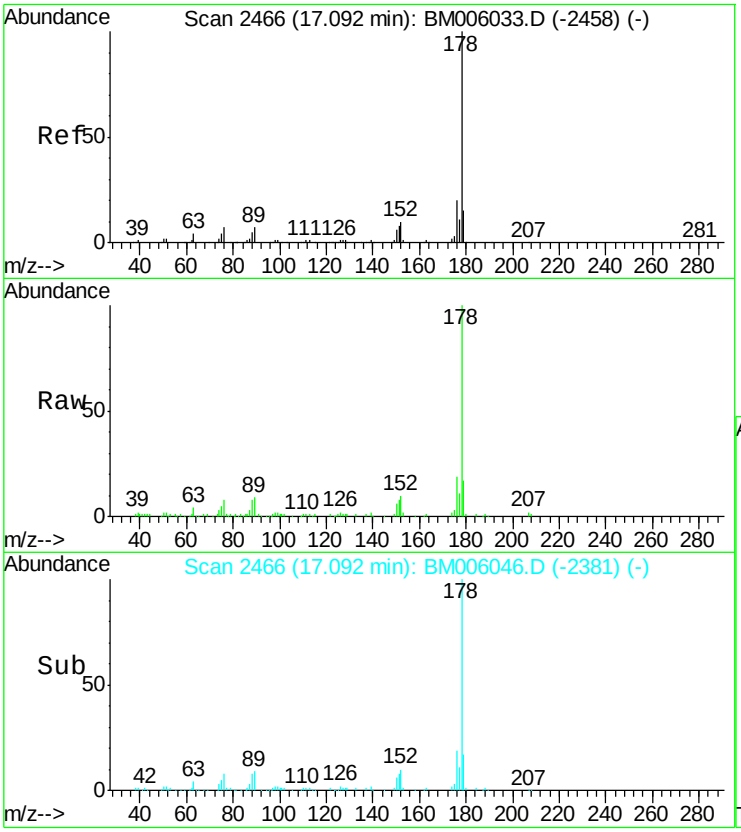
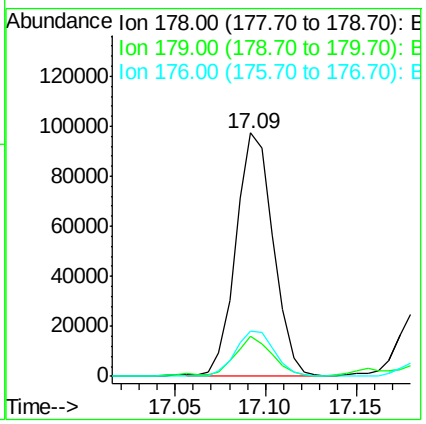




#25
Phenanthrene
Concen: 1.61 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BM006046.D
Acq: 26 Jun 2016 18:36

Tgt Ion:178 Resp: 139325

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.1	18.1
176	18.6	15.4	23.0



Instrument :
BNA_M
ClientSampleId :
D9Y79

Manual Integrations APPROVED
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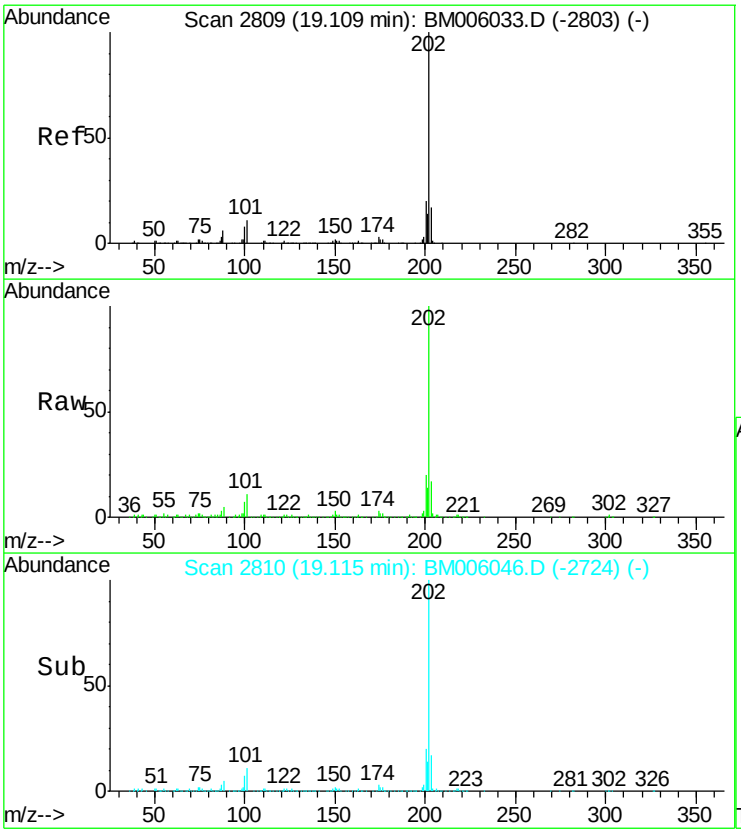
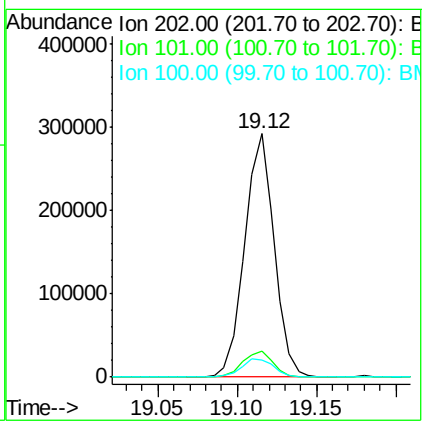
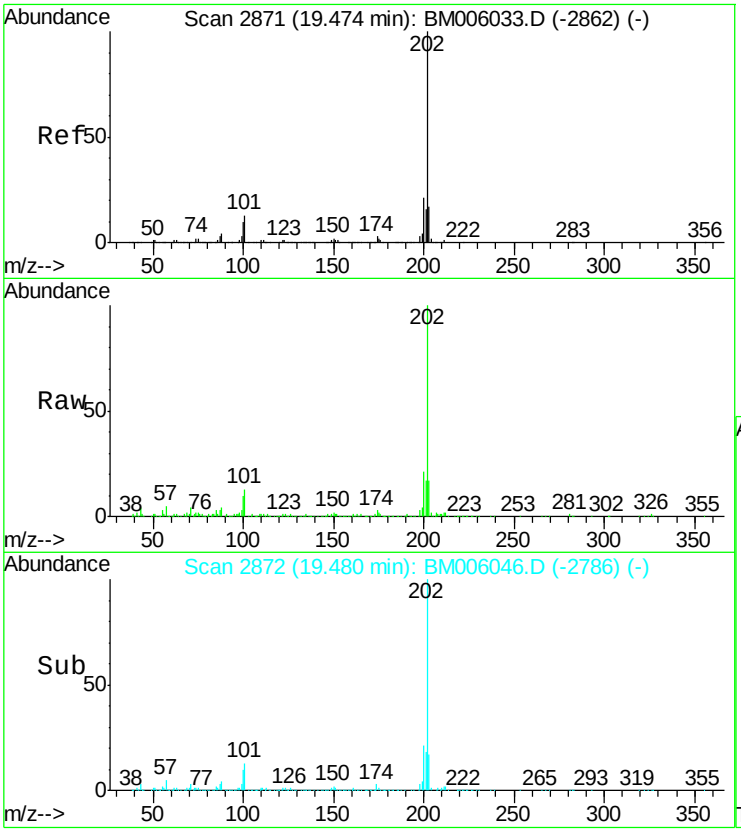


#28
Fluoranthene
Concen: 3.40 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM006046.D
Acq: 26 Jun 2016 18:36

Tgt Ion:202 Resp: 377786

Ion	Ratio	Lower	Upper
202	100		
101	10.7	8.2	12.4
100	7.0	6.3	9.5

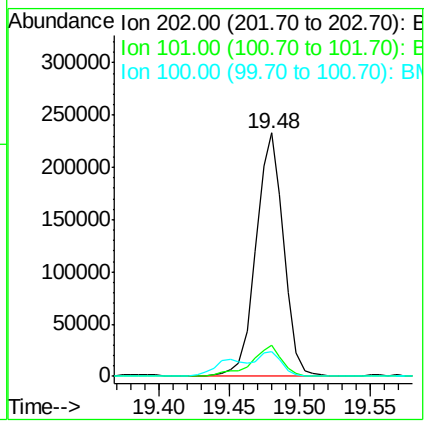




#31
Pyrene
Concen: 2.79 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. 0.01 min
Lab File: BM006046.D
Acq: 26 Jun 2016 18:36

Tgt Ion:202 Resp: 321127

Ion	Ratio	Lower	Upper
202	100		
101	12.9	9.8	14.6
100	10.4	8.2	12.2



Instrument :
BNA_M
ClientSampleId :
D9Y79

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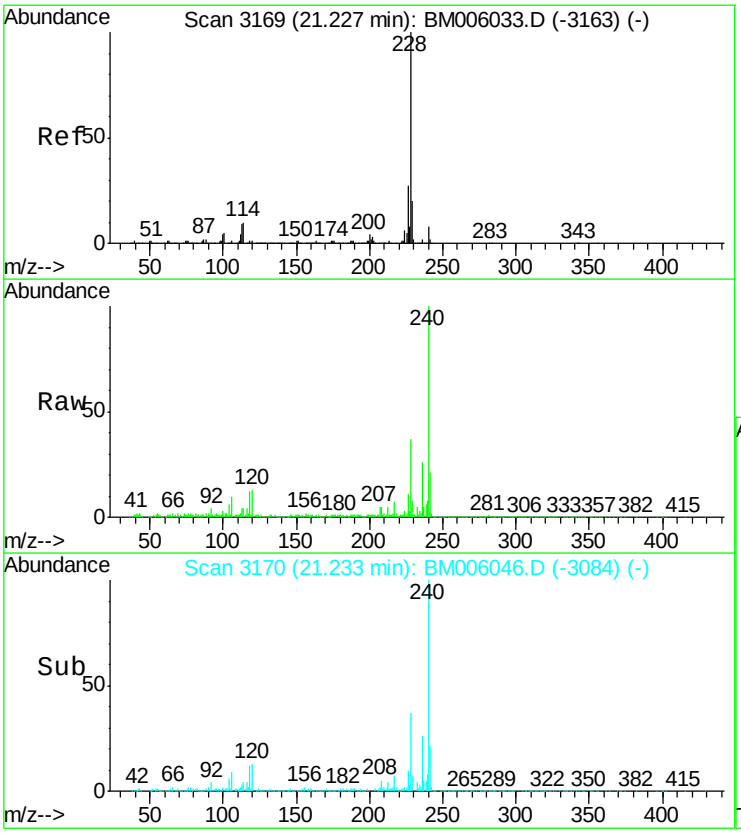
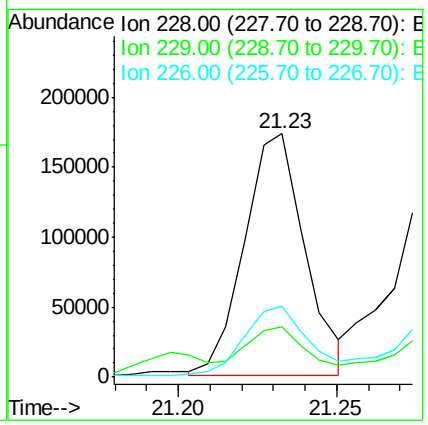
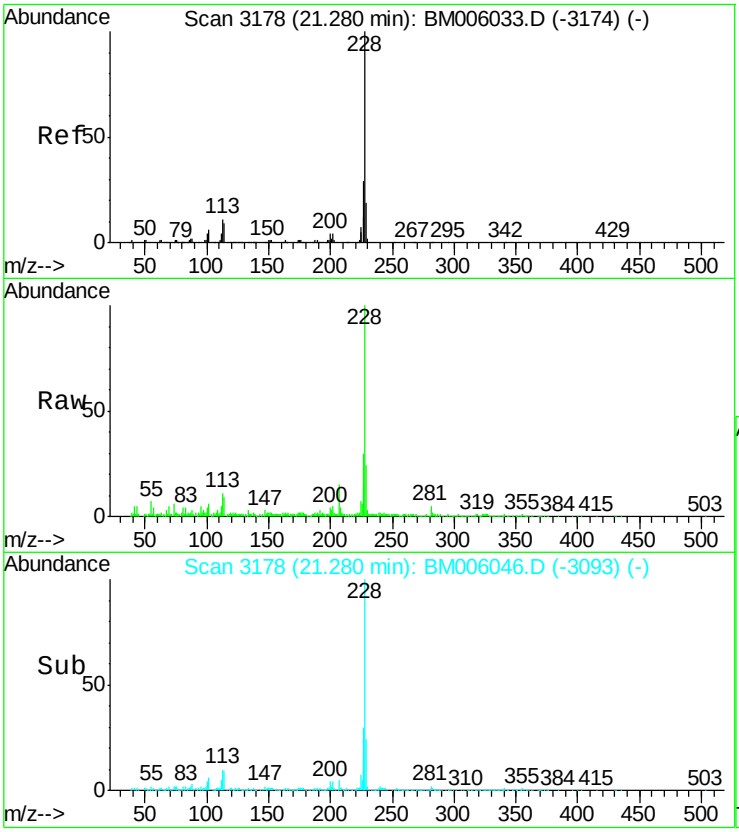


#32
Benzo(a)anthracene
Concen: 1.92 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.01 min
Lab File: BM006046.D
Acq: 26 Jun 2016 18:36

Tgt Ion:228 Resp: 229712

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.6
226	28.8	21.5	32.3





#33
Chrysene
Concen: 2.10 ng/ul m
RT: 21.28 min Scan# 3178
Delta R.T. -0.00 min
Lab File: BM006046.D
Acq: 26 Jun 2016 18:36

Tgt Ion:228 Resp: 229538

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.3	36.5
229	24.4	15.4	23.2#

Instrument :
BNA_M
ClientSampleId :
D9Y79

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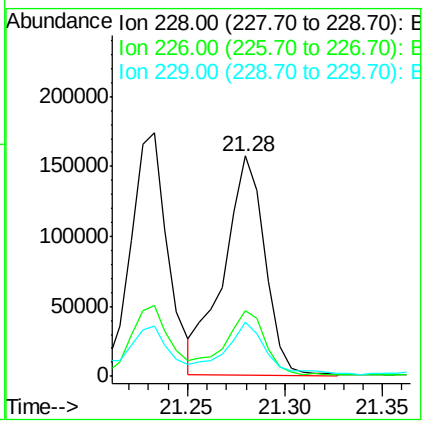
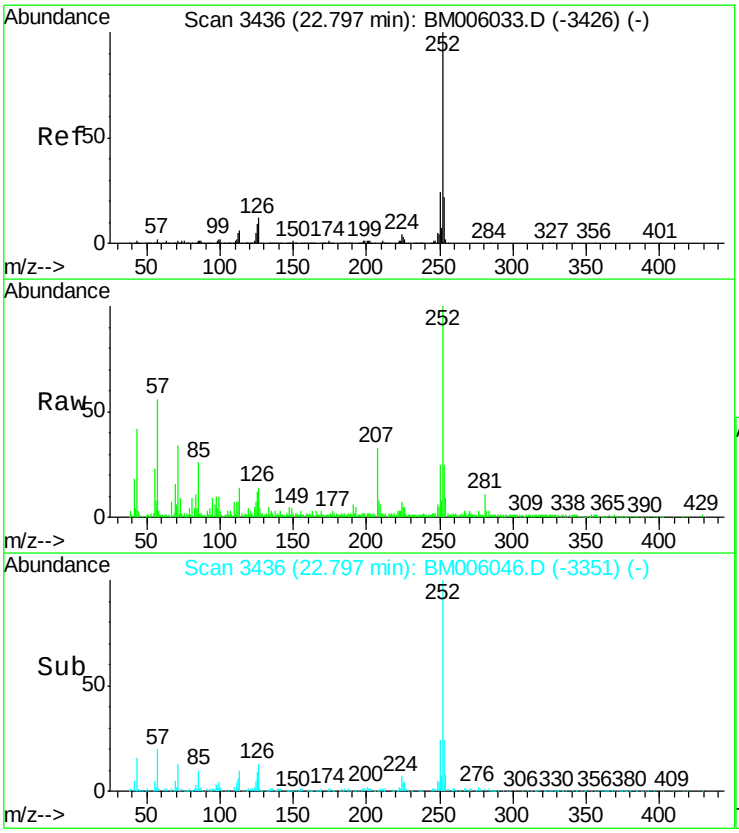
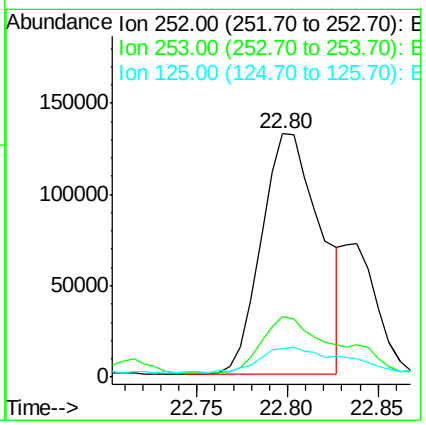


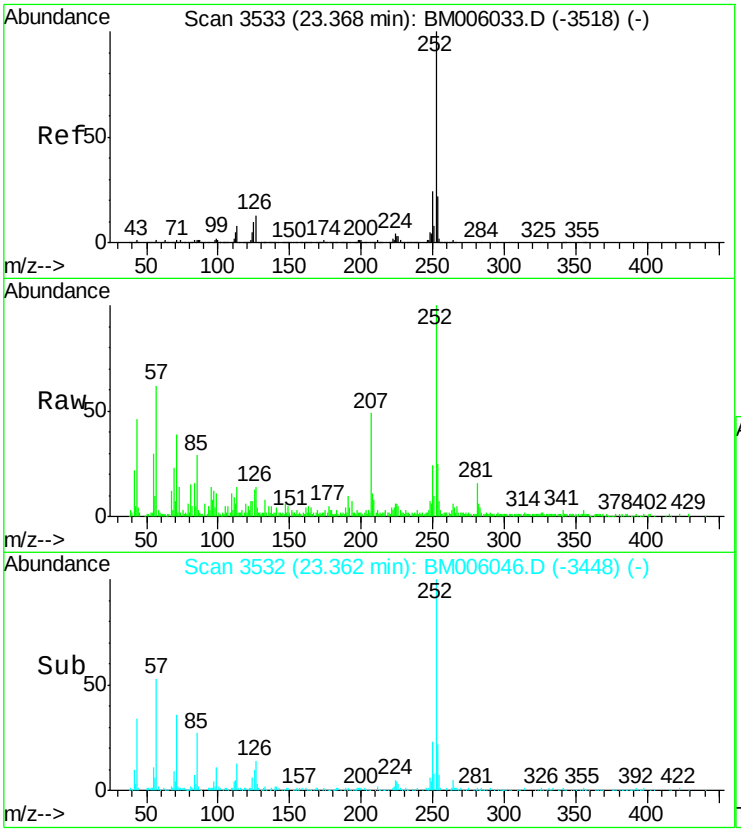


#35
Benzo(b)fluoranthene
Concen: 2.75 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.00 min
Lab File: BM006046.D
Acq: 26 Jun 2016 18:36

Tgt Ion:252 Resp: 300980

Ion	Ratio	Lower	Upper
252	100		
253	24.9	17.2	25.8
125	11.8	6.8	10.2#

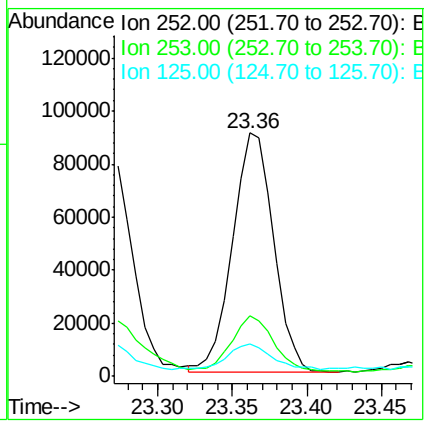




#38
Benzo(a)pyrene
Concen: 1.66 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006046.D
Acq: 26 Jun 2016 18:36

Tgt Ion:252 Resp: 173718

Ion	Ratio	Lower	Upper
252	100		
253	24.7	17.6	26.4
125	13.3	7.8	11.6#



Instrument :
BNA_M
ClientSampleId :
D9Y79

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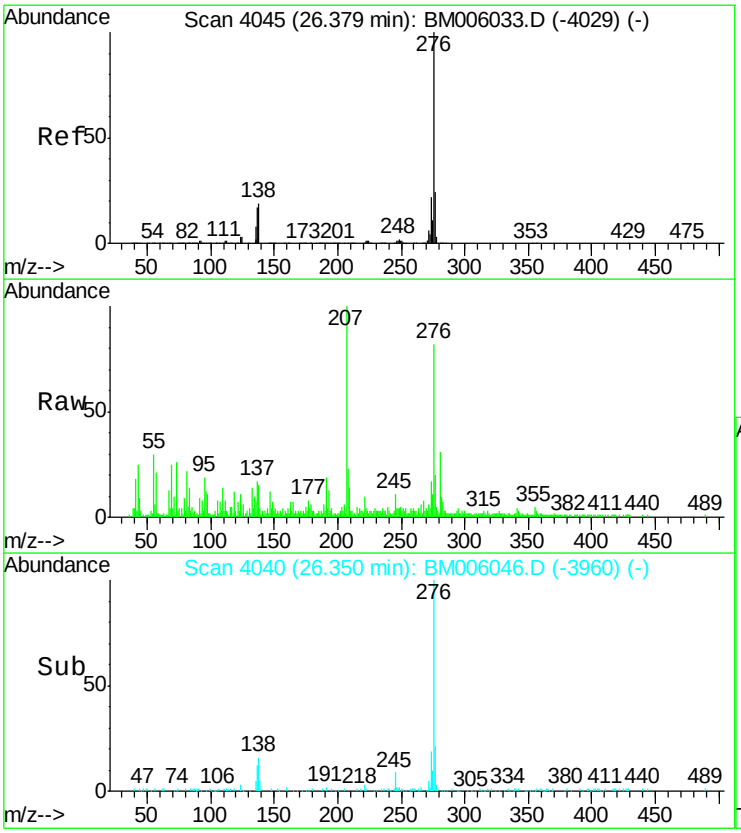

#41
Benzo(g,h,i)perylene
Concen: 1.03 ng/ul
RT: 26.35 min Scan# 4040
Delta R.T. -0.03 min
Lab File: BM006046.D
Acq: 26 Jun 2016 18:36

Tgt Ion:276 Resp: 110866

Ion	Ratio	Lower	Upper
276	100		
138	18.6	15.9	23.9
277	24.1	19.2	28.8