Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006143.D
Acq On : 30 Jun 2016 01:51
Operator : UM/SJ
Sample : H3777-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YB6

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Quant Time: Jun 30 04:11:47 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	244590	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1172165	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	707396	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1583345	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1355741	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1143168	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	8757	1.66	ng/uL	0.00
3) Phenol-d5	6.82	99	417422	20.89	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	290172	24.63	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	343577	22.40	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	290126	18.04	ng/ul	0.00
8) Nitrobenzene-d5	8.80	128	187396	23.74	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	210491	23.29	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	364274	22.09	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	410992	31.54	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	1187679	23.42	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1492619	24.26	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	149888	15.58	ng/ul	0.00
21) Fluorene-d10	15.30	176	1036238	23.95	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	152079	27.12	ng/ul	0.00
26) Anthracene-d10	17.14	188	1538788	24.23	ng/ul	0.00
30) Pyrene-d10	19.45	212	1653826	30.29	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1120337	24.63	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	121655	1.62	ng/ul	99
28) Fluoranthene	19.11	202	488248	5.32	ng/ul	97
31) Pyrene	19.48	202	414046	5.79	ng/ul	97
32) Benzo(a)anthracene	21.23	228	246744	3.50	ng/ul	96
33) Chrysene	21.28	228	256286	3.95	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	355181	5.99	ng/ul	98
36) Benzo(k)fluoranthene	22.83	252	104955m	1.89	ng/ul	
38) Benzo(a)pyrene	23.36	252	208711	3.72	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.67	276	161888	2.78	ng/ul#	92
40) Dibenzo(a,h)anthracene	25.67	278	49185m	1.02	ng/ul	
41) Benzo(g,h,i)perylene	26.35	276	146255	3.00	ng/ul	95

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

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Instrument :
BNA_M
ClientSampleId :
D9YB6

Manual Integrations
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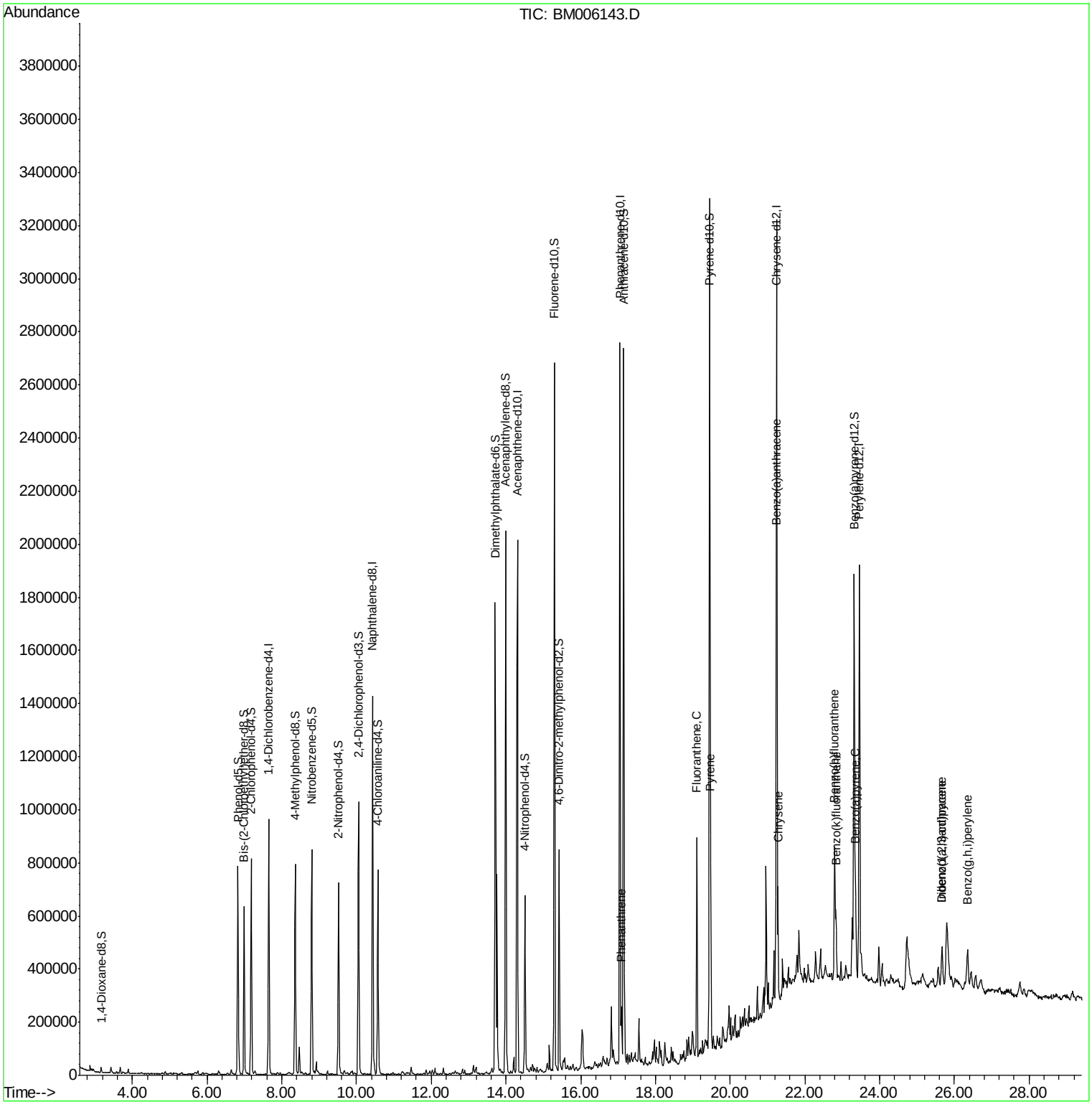
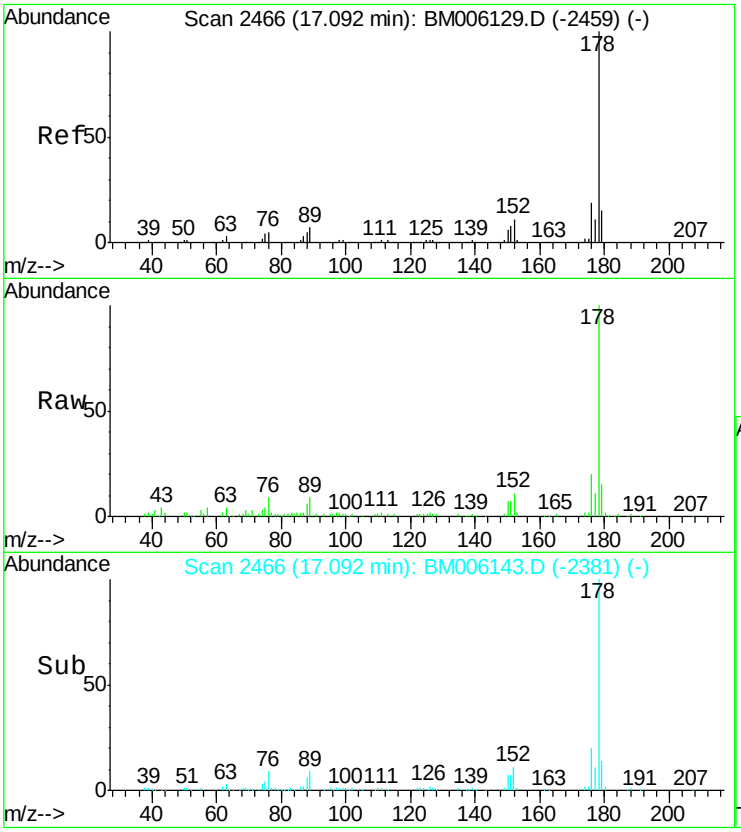
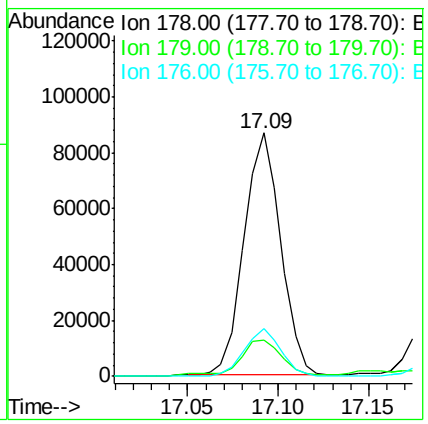




#25
Phenanthrene
Concen: 1.62 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BM006143.D
Acq: 30 Jun 2016 01:51

Tgt Ion:178 Resp: 121655

Ion	Ratio	Lower	Upper
178	100		
179	15.0	12.2	18.2
176	19.7	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
D9YB6

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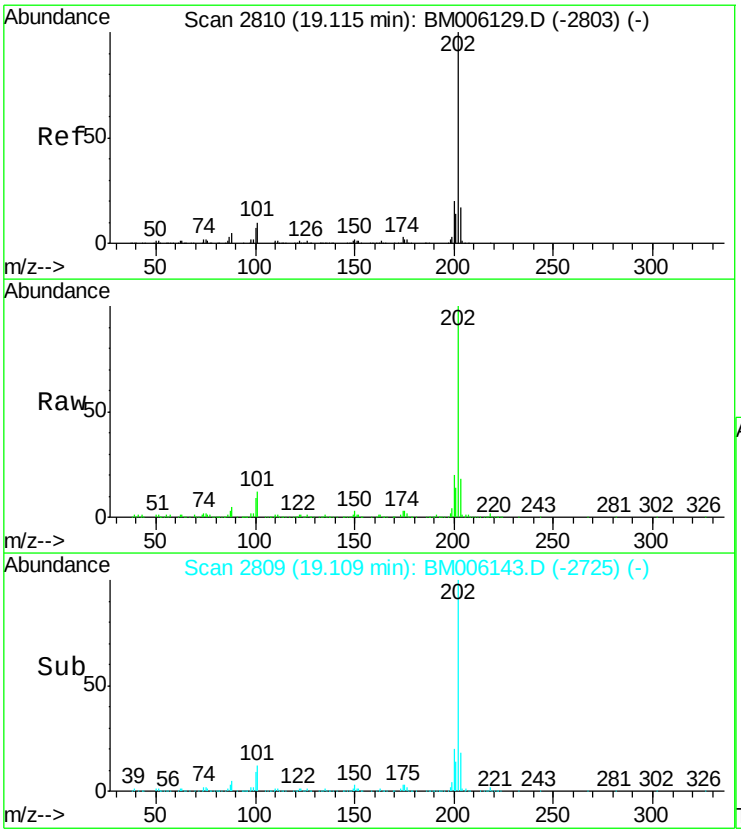
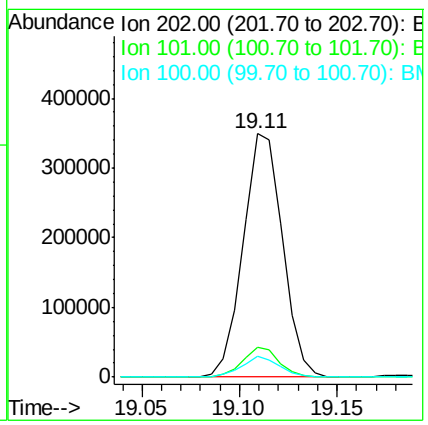
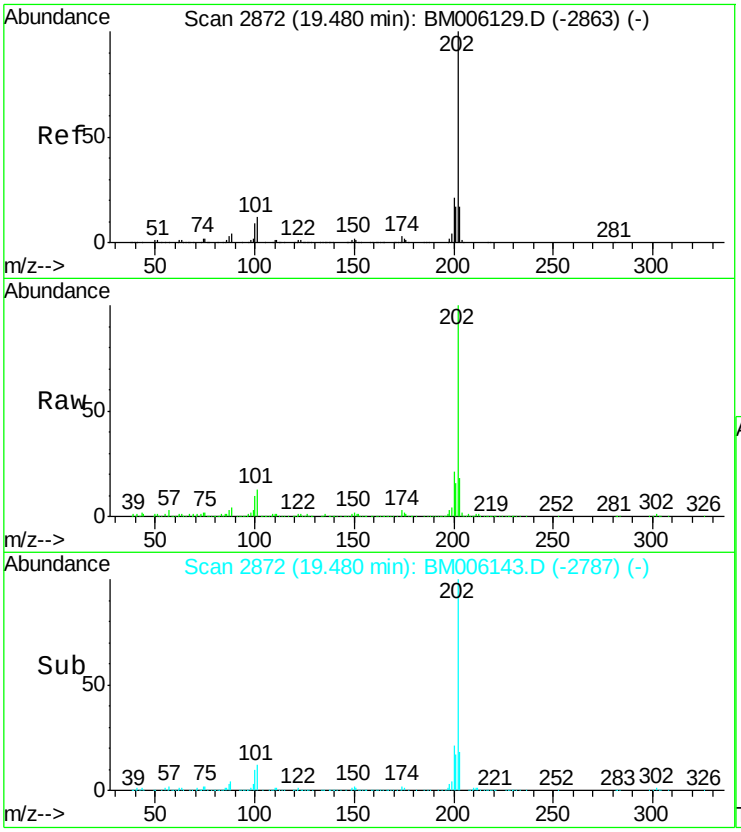


#28
Fluoranthene
Concen: 5.32 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BM006143.D
Acq: 30 Jun 2016 01:51

Tgt Ion:202 Resp: 488248

Ion	Ratio	Lower	Upper
202	100		
101	12.1	8.5	12.7
100	8.8	6.5	9.7

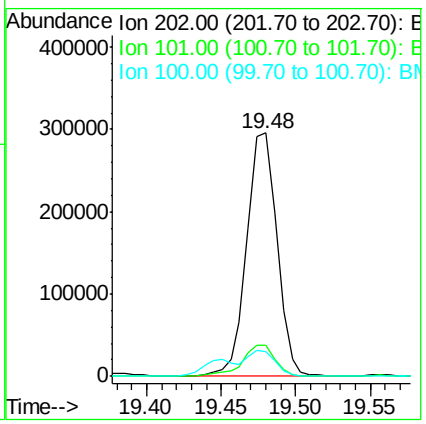




#31
Pyrene
Concen: 5.79 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. -0.00 min
Lab File: BM006143.D
Acq: 30 Jun 2016 01:51

Tgt Ion:202 Resp: 414046

Ion	Ratio	Lower	Upper
202	100		
101	12.6	11.0	16.4
100	10.0	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
D9YB6

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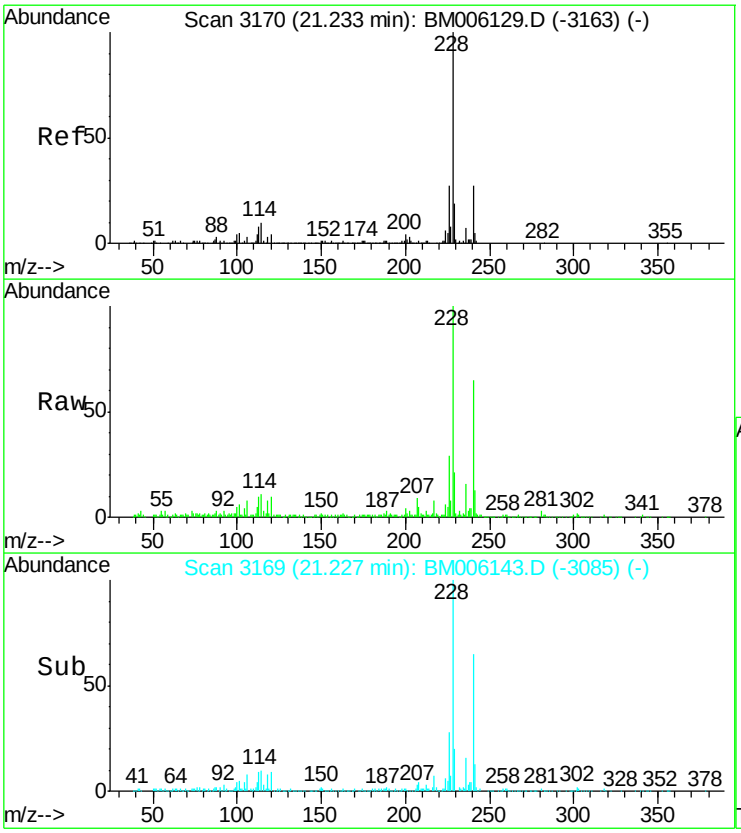
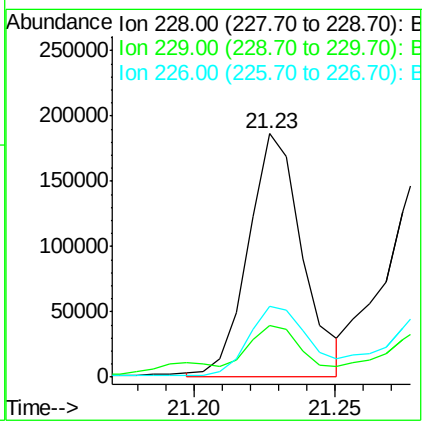
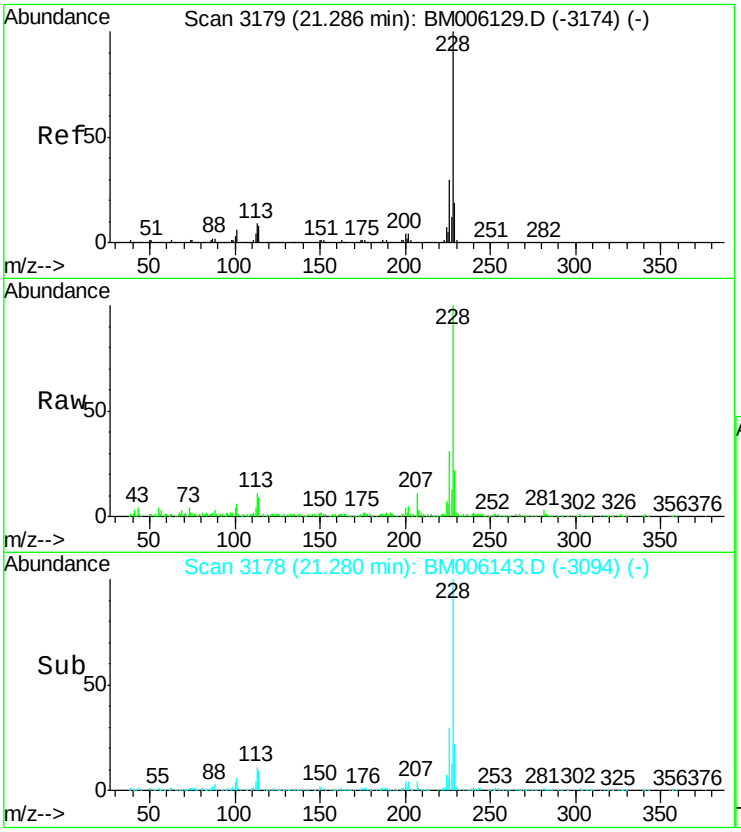


#32
Benzo(a)anthracene
Concen: 3.50 ng/ul
RT: 21.23 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BM006143.D
Acq: 30 Jun 2016 01:51

Tgt Ion:228 Resp: 246744

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	28.9	21.6	32.4

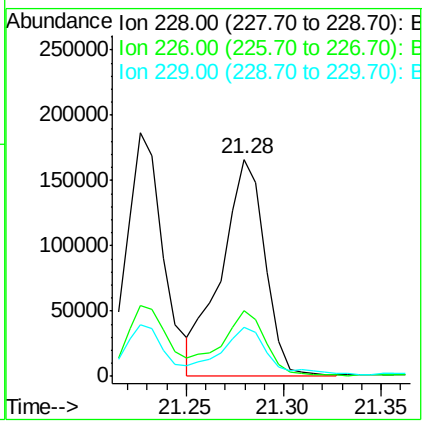




#33
Chrysene
Concen: 3.95 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006143.D
Acq: 30 Jun 2016 01:51

Tgt Ion:228 Resp: 256286

Ion	Ratio	Lower	Upper
228	100		
226	30.6	23.8	35.6
229	22.4	15.8	23.6



Instrument :
BNA_M
ClientSampleId :
D9YB6

Manual Integrations
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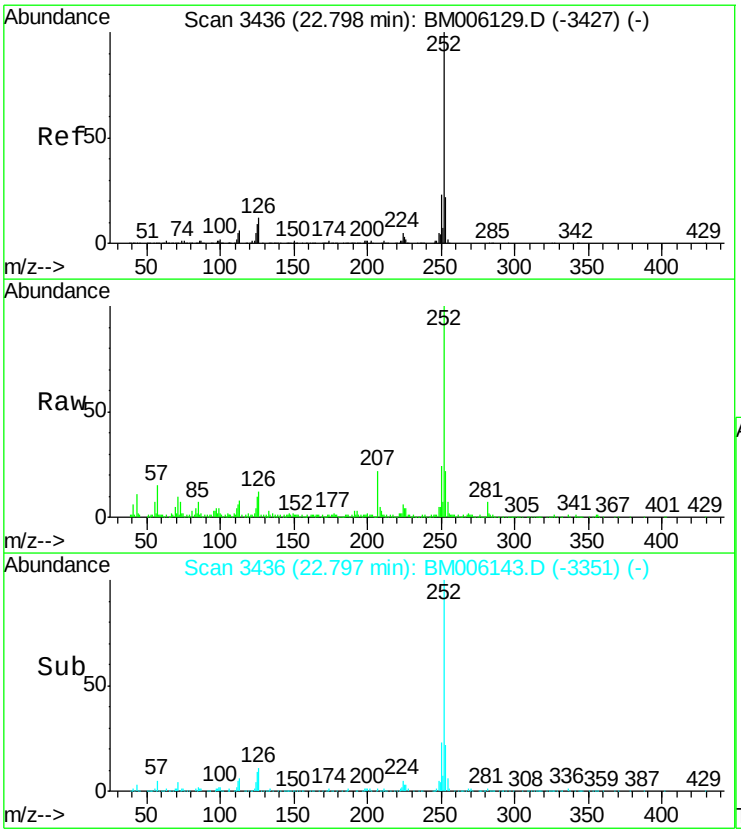
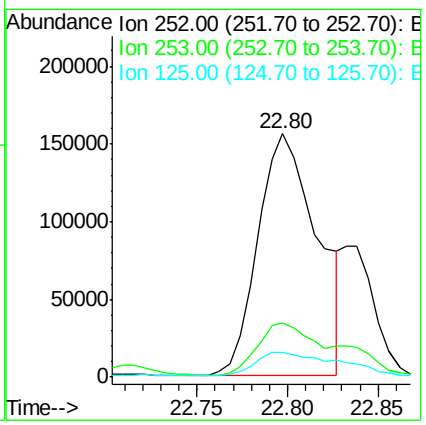
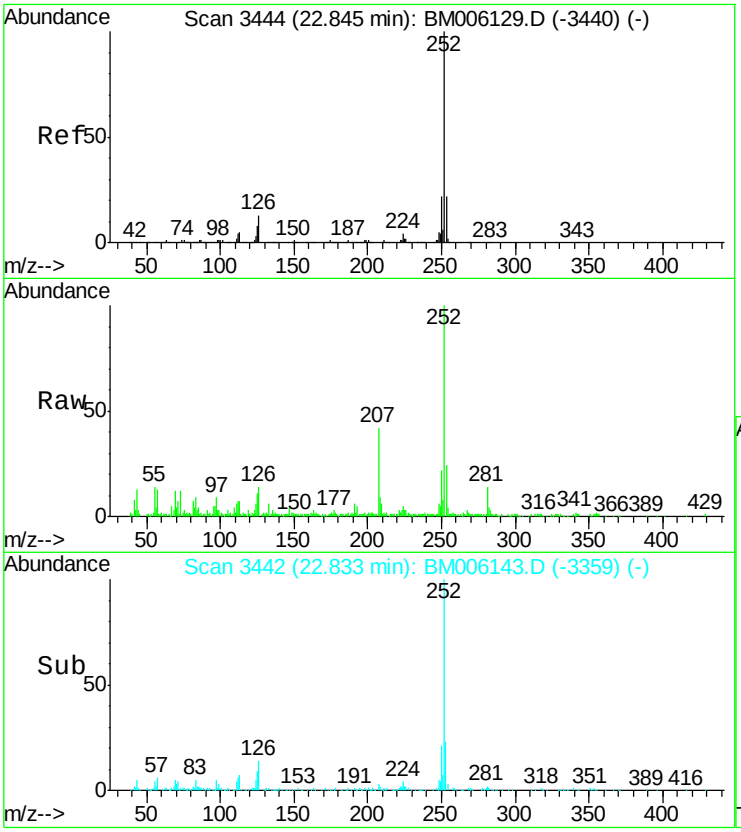


#35
Benzo(b)fluoranthene
Concen: 5.99 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.00 min
Lab File: BM006143.D
Acq: 30 Jun 2016 01:51

Tgt Ion:252 Resp: 355181

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.4	7.8	11.6

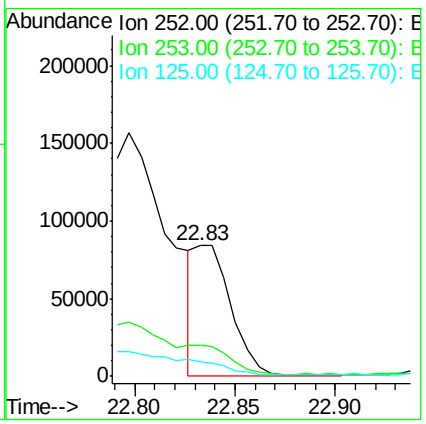




#36
Benzo(k)fluoranthene
Concen: 1.89 ng/ul m
RT: 22.83 min Scan# 3442
Delta R.T. -0.01 min
Lab File: BM006143.D
Acq: 30 Jun 2016 01:51

Tgt Ion:252 Resp: 104955

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	10.9	8.1	12.1



Instrument :
BNA_M
ClientSampleId :
D9YB6

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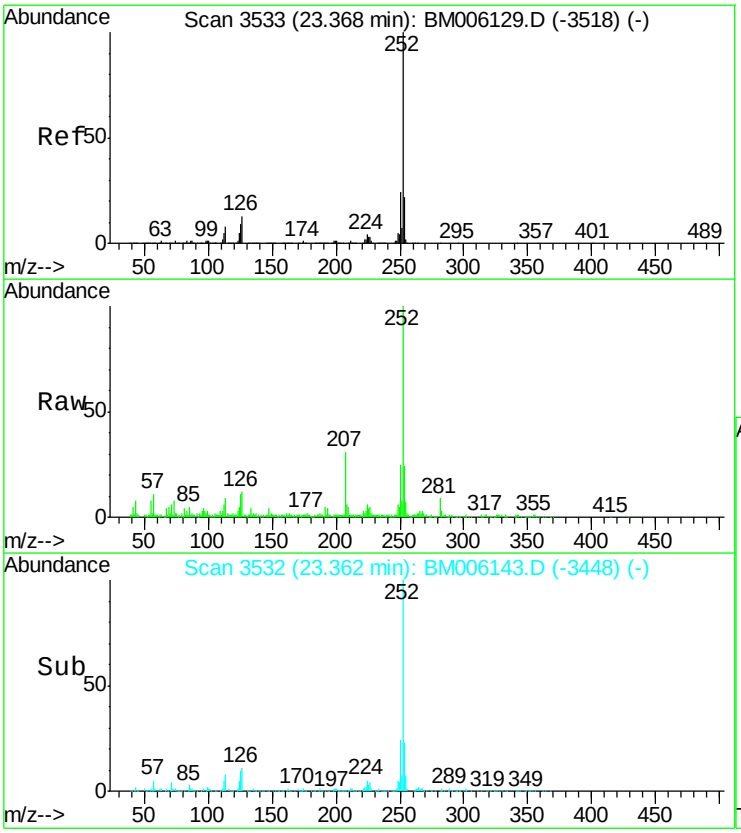
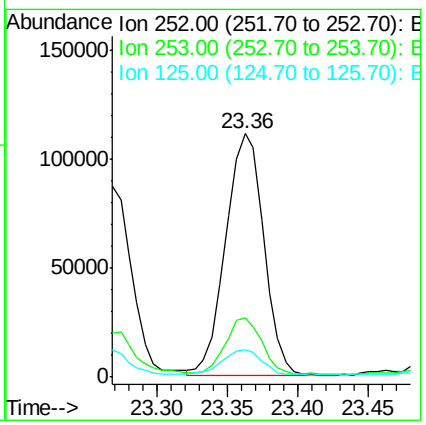
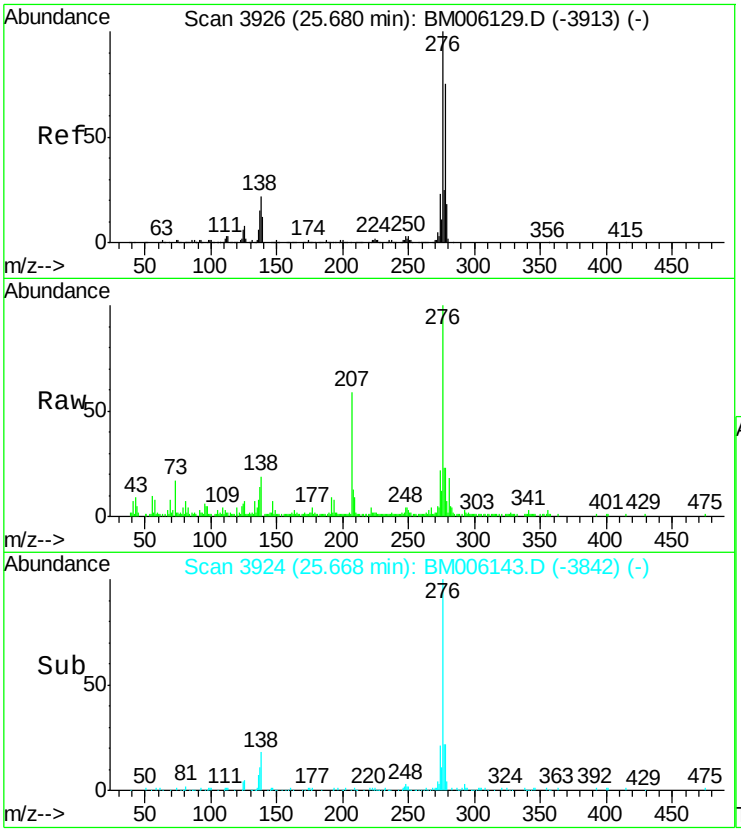


#38
Benzo(a)pyrene
Concen: 3.72 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006143.D
Acq: 30 Jun 2016 01:51

Tgt Ion:252 Resp: 208711

Ion	Ratio	Lower	Upper
252	100		
253	24.4	17.8	26.6
125	11.2	8.7	13.1

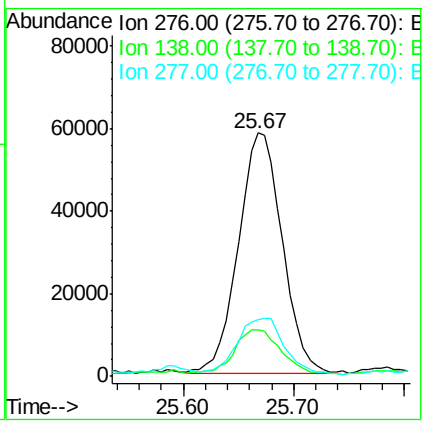




#39
Indeno(1,2,3-cd)pyrene
Concen: 2.78 ng/ul
RT: 25.67 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM006143.D
Acq: 30 Jun 2016 01:51

Tgt Ion:276 Resp: 161888

Ion	Ratio	Lower	Upper
276	100		
138	19.1	20.4	30.6#
277	23.5	20.6	30.8



Instrument :
BNA_M
ClientSampleId :
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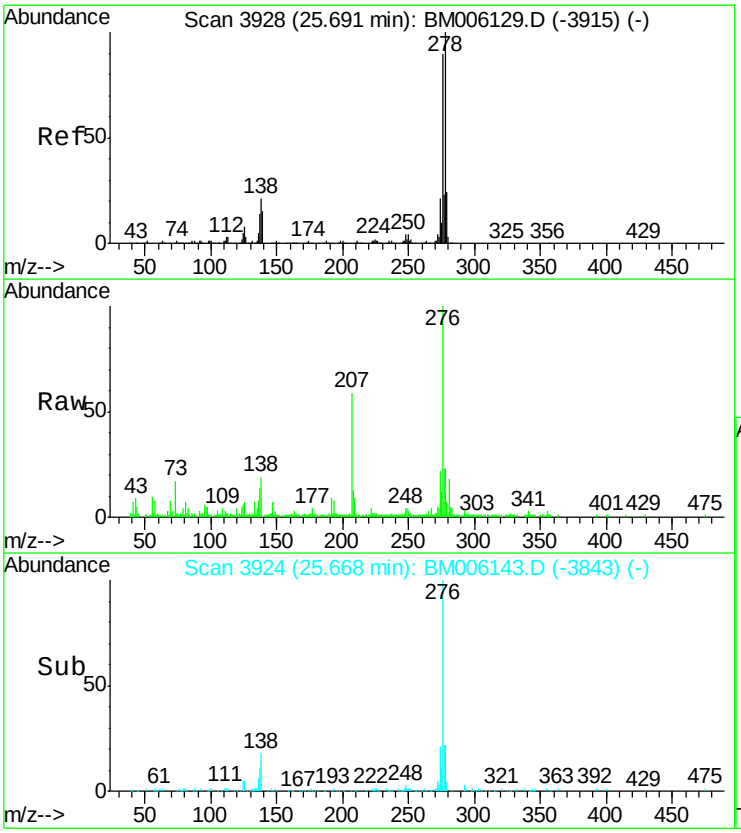
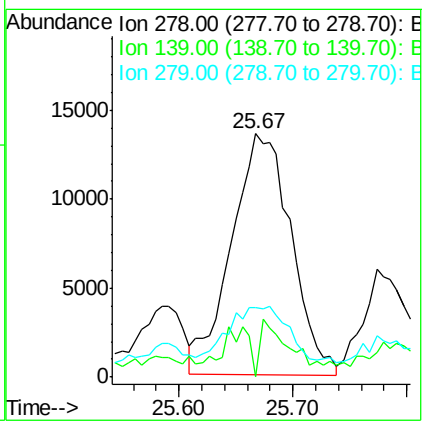
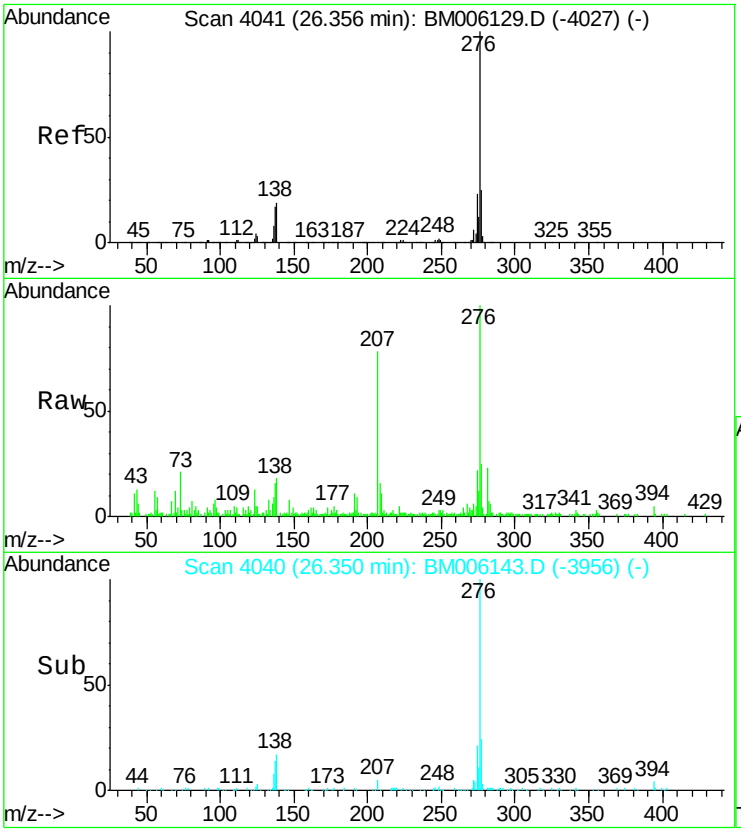


#40
Dibenzo(a,h)anthracene
Concen: 1.02 ng/ul m
RT: 25.67 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM006143.D
Acq: 30 Jun 2016 01:51

Tgt Ion:278 Resp: 49185

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	28.5	18.8	28.2#

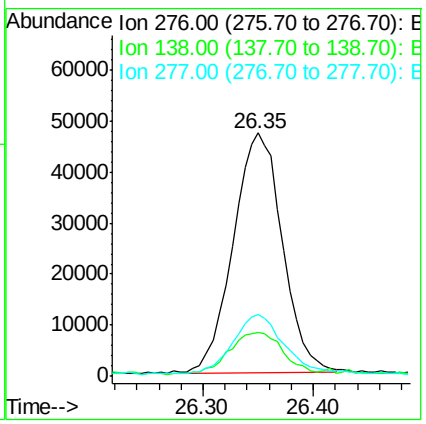




#41
Benzo(g,h,i)perylene
Concen: 3.00 ng/ul
RT: 26.35 min Scan# 4040
Delta R.T. -0.01 min
Lab File: BM006143.D
Acq: 30 Jun 2016 01:51

Tgt Ion:276 Resp: 146255

Ion	Ratio	Lower	Upper
276	100		
138	18.0	16.6	25.0
277	25.4	18.9	28.3



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ClientSampleId :
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