Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006133.D
Acq On : 29 Jun 2016 19:51
Operator : UM/SJ
Sample : H3779-12
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : D9YE1

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Quant Time: Jun 30 03:45:49 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	185882	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	917989	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	562865	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1347917	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1470402	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1285695	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.16	96	5768	1.44	ng/uL	0.00
3) Phenol-d5	6.82	99	320210	21.09	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	200850	22.43	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	245468	21.06	ng/ul	0.00
6) 4-Methylphenol-d8	8.35	113	271494	22.21	ng/ul	-0.01
8) Nitrobenzene-d5	8.80	128	127150	20.56	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	142676	20.16	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.05	165	261267	20.23	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	326083	31.95	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	848401	21.03	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1065979	21.77	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	136869	17.88	ng/ul	0.00
21) Fluorene-d10	15.30	176	752842	21.87	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	115112	24.11	ng/ul	0.00
26) Anthracene-d10	17.14	188	1167594	21.59	ng/ul	0.00
30) Pyrene-d10	19.45	212	1334926	22.55	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1097140	21.44	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	420484	6.59	ng/ul	100
27) Anthracene	17.18	178	75745	1.16	ng/ul	99
28) Fluoranthene	19.11	202	1271131	16.27	ng/ul	99
31) Pyrene	19.48	202	1007166	12.99	ng/ul	96
32) Benzo(a)anthracene	21.23	228	579150	7.57	ng/ul	97
33) Chrysene	21.28	228	612767	8.70	ng/ul	97
35) Benzo(b)fluoranthene	22.80	252	825179	12.37	ng/ul	98
36) Benzo(k)fluoranthene	22.83	252	239304m	3.82	ng/ul	
38) Benzo(a)pyrene	23.36	252	476287	7.56	ng/ul	98
39) Indeno(1,2,3-cd)pyrene	25.67	276	323009m	4.93	ng/ul	
40) Dibenzo(a,h)anthracene	25.67	278	81446m	1.50	ng/ul	
41) Benzo(g,h,i)perylene	26.35	276	254546	4.64	ng/ul	94

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

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Instrument :
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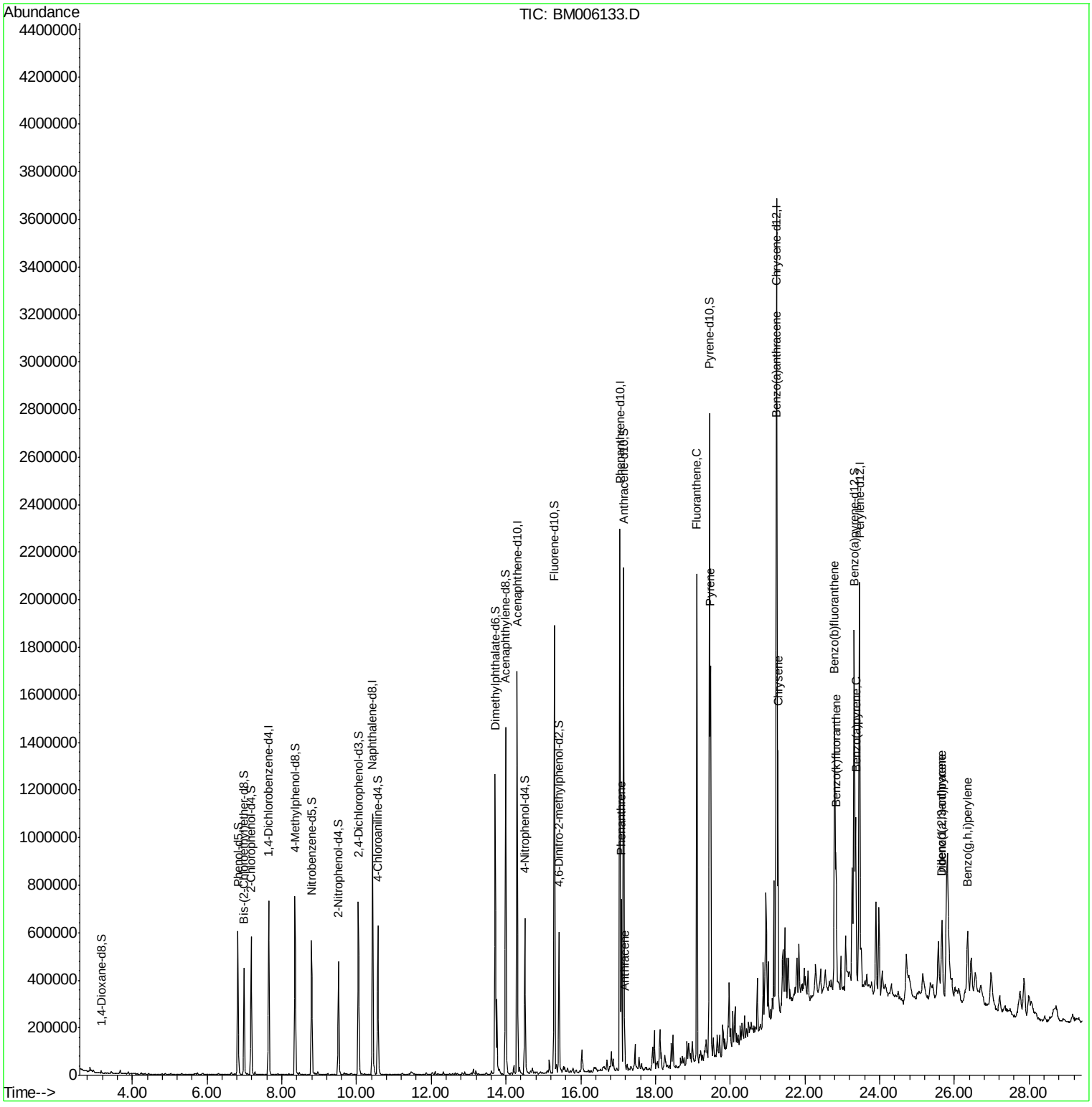
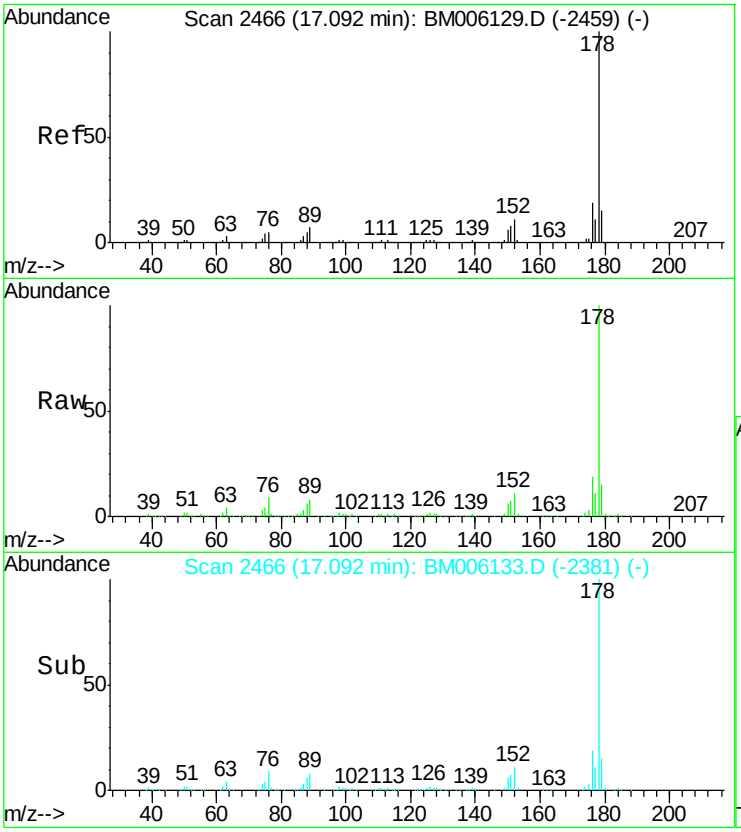
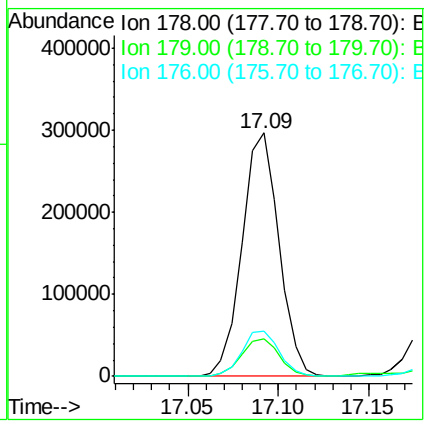




#25
Phenanthrene
Concen: 6.59 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. -0.00 min
Lab File: BM006133.D
Acq: 29 Jun 2016 19:51

Tgt Ion:178 Resp: 420484

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.2
176	18.7	15.3	22.9



Instrument :
BNA_M
ClientSampleId :
D9YE1

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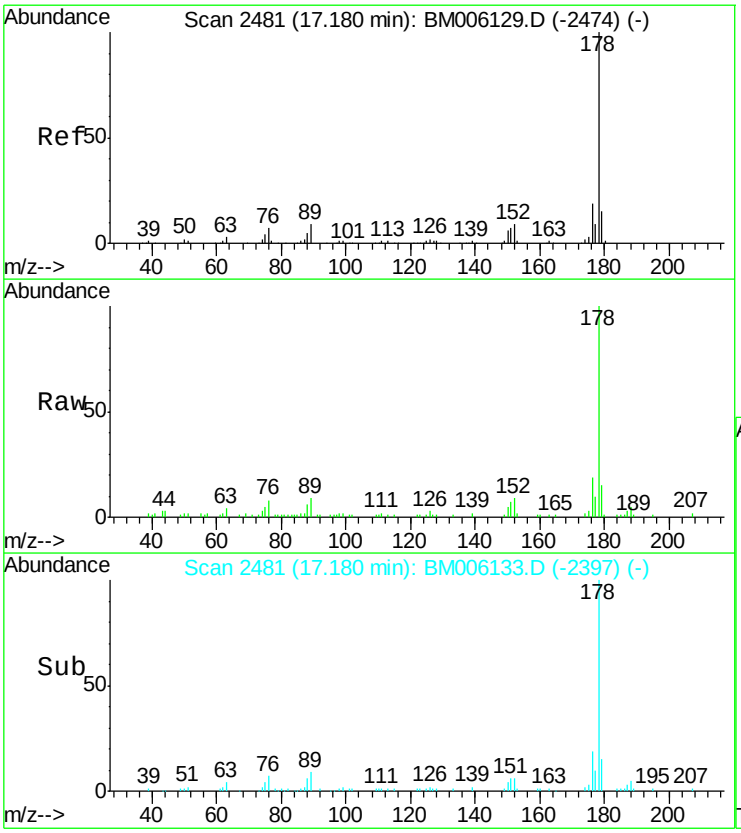
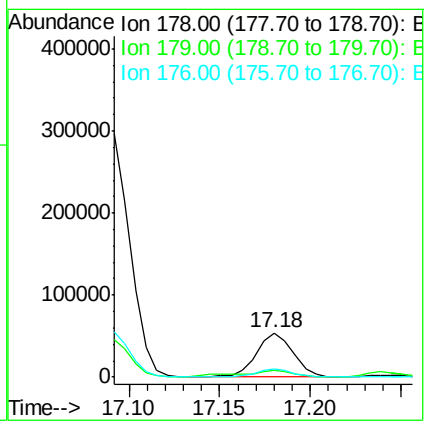
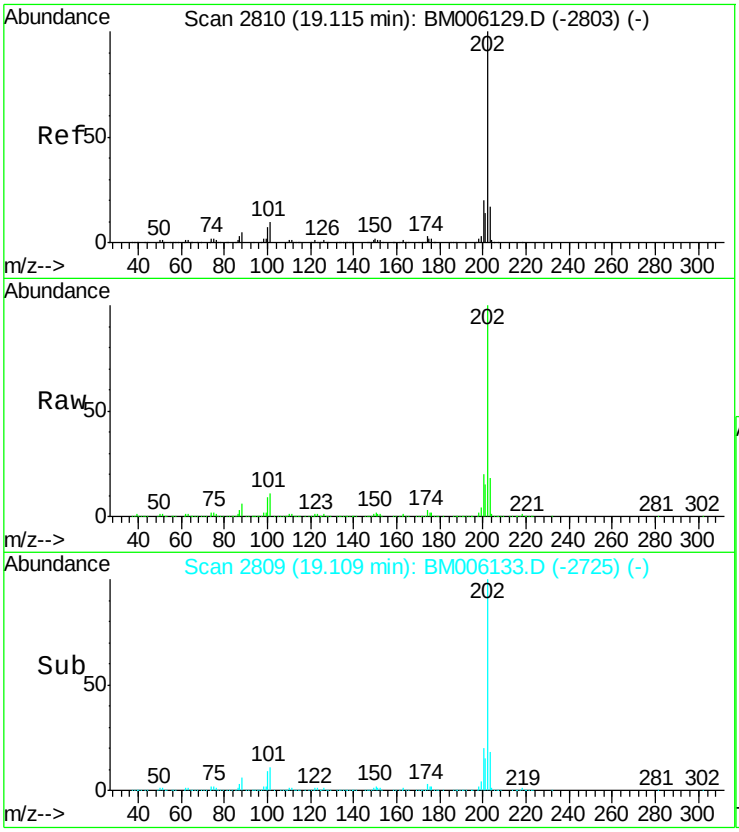


#27
Anthracene
Concen: 1.16 ng/ul
RT: 17.18 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BM006133.D
Acq: 29 Jun 2016 19:51

Tgt Ion:178 Resp: 75745

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	18.5	14.6	22.0

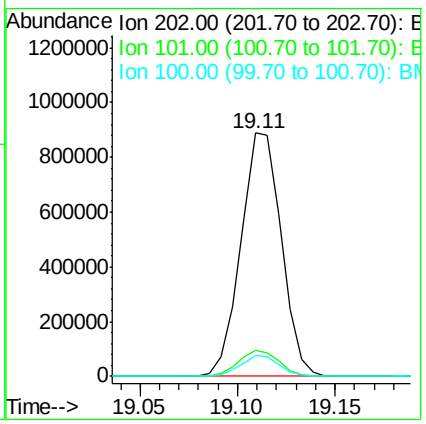




#28
Fluoranthene
Concen: 16.27 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BM006133.D
Acq: 29 Jun 2016 19:51

Tgt Ion:202 Resp: 1271131

Ion	Ratio	Lower	Upper
202	100		
101	10.6	8.5	12.7
100	8.6	6.5	9.7



Instrument :
BNA_M
ClientSampleId :
D9YE1

Manual Integrations
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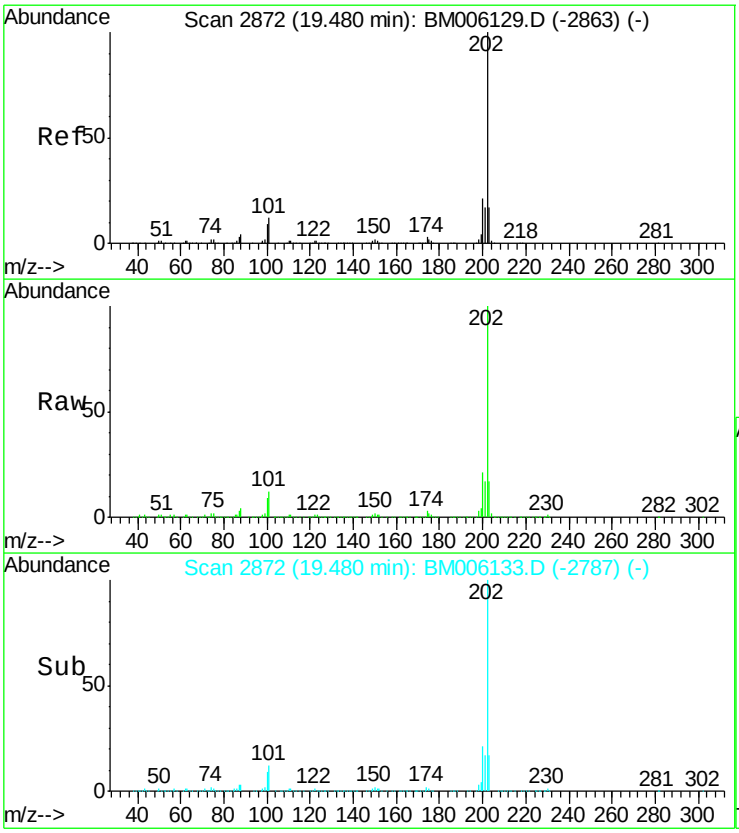
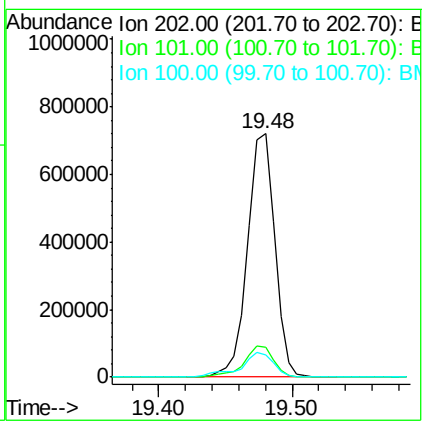
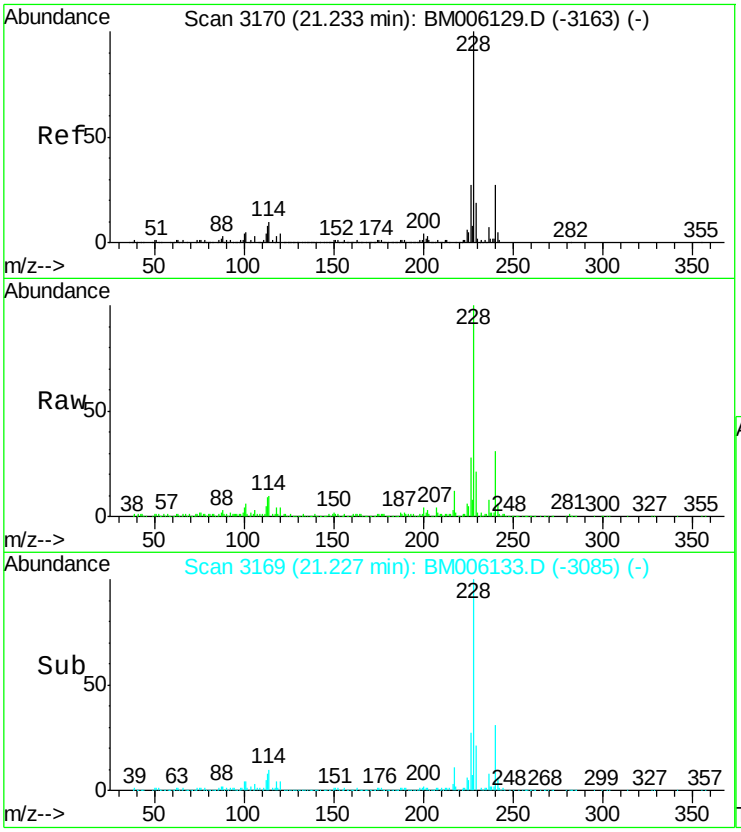


#31
Pyrene
Concen: 12.99 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. -0.00 min
Lab File: BM006133.D
Acq: 29 Jun 2016 19:51

Tgt Ion:202 Resp: 1007166

Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.0	16.4
100	9.3	8.9	13.3

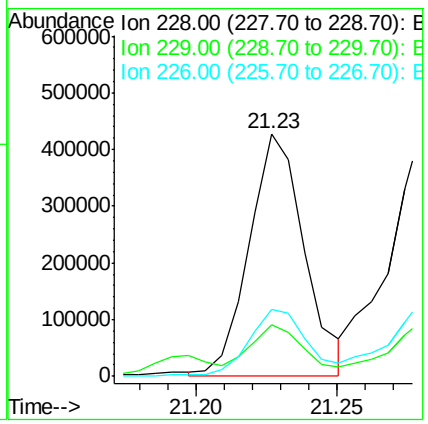




#32
Benzo(a)anthracene
Concen: 7.57 ng/ul
RT: 21.23 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BM006133.D
Acq: 29 Jun 2016 19:51

Tgt Ion:228 Resp: 579150

Ion	Ratio	Lower	Upper
228	100		
229	21.5	15.6	23.4
226	27.7	21.6	32.4



Instrument :
BNA_M
ClientSampleId :
D9YE1

Manual Integrations
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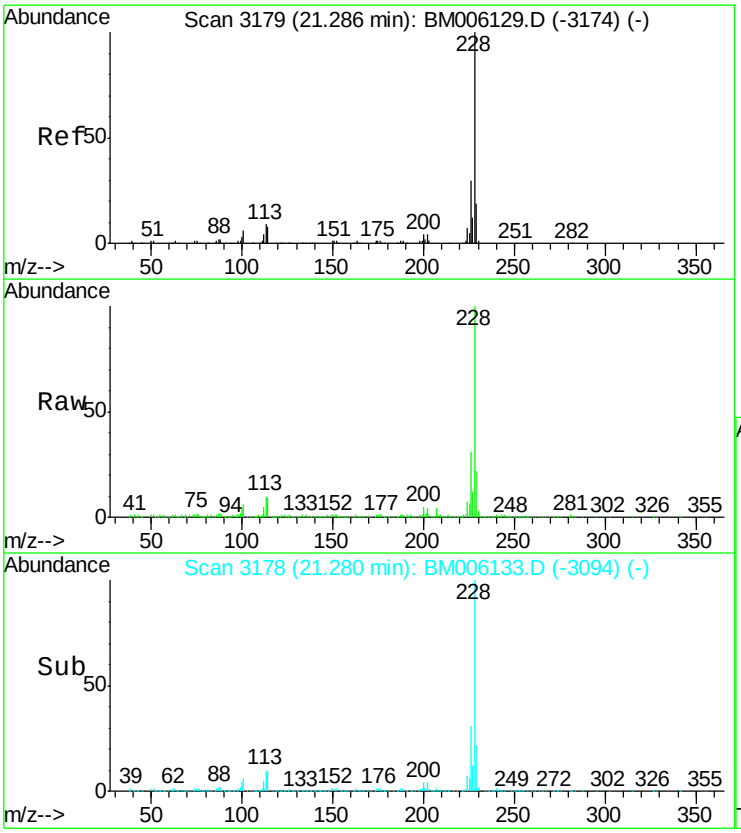
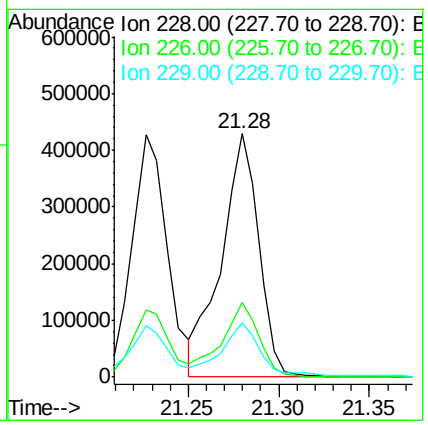
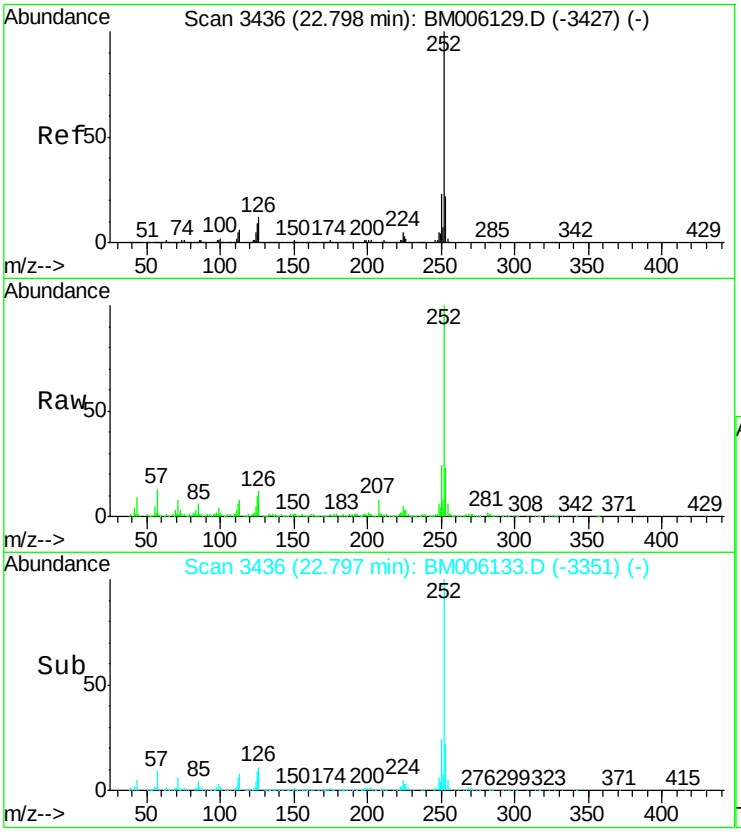


#33
Chrysene
Concen: 8.70 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006133.D
Acq: 29 Jun 2016 19:51

Tgt Ion:228 Resp: 612767

Ion	Ratio	Lower	Upper
228	100		
226	30.9	23.8	35.6
229	22.0	15.8	23.6

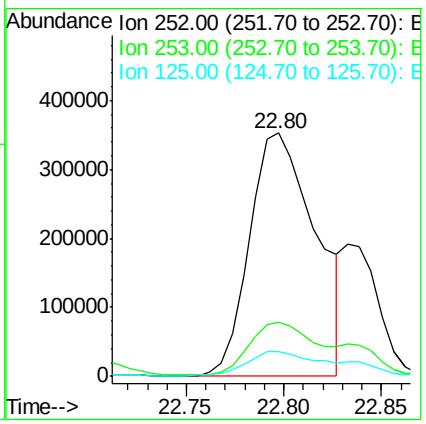




#35
Benzo(b)fluoranthene
Concen: 12.37 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.00 min
Lab File: BM006133.D
Acq: 29 Jun 2016 19:51

Tgt Ion:252 Resp: 825179

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	10.0	7.8	11.6



Instrument :
BNA_M
ClientSampleId :
D9YE1

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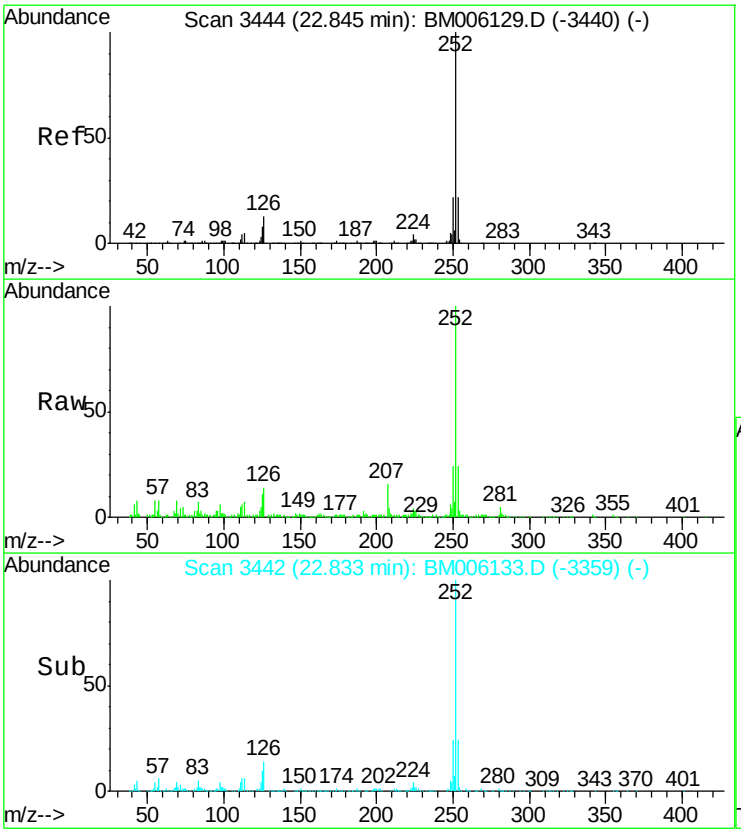
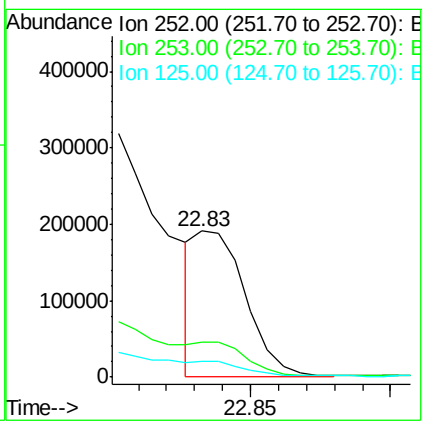
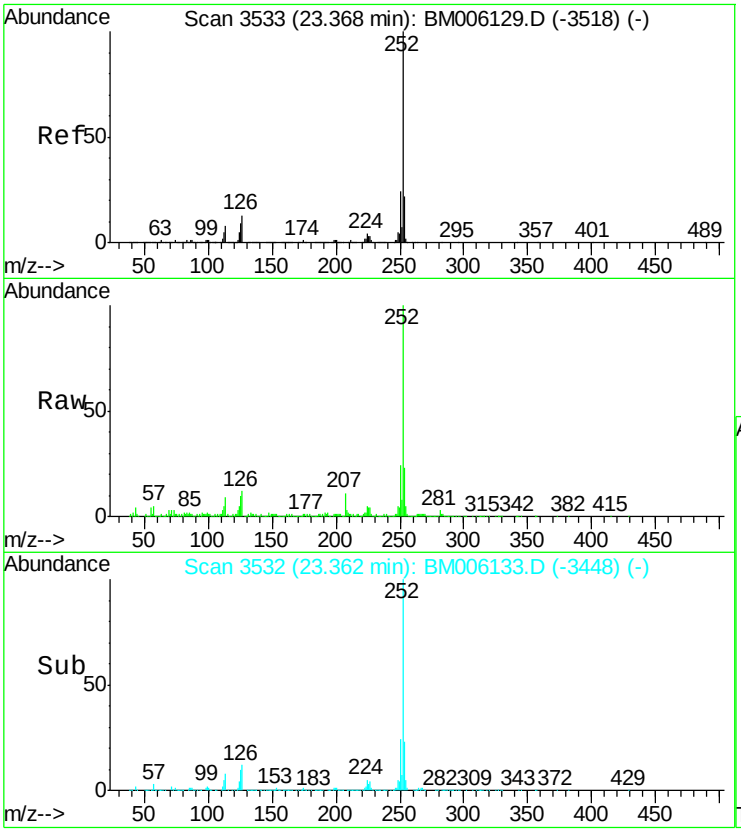


#36
Benzo(k)fluoranthene
Concen: 3.82 ng/ul m
RT: 22.83 min Scan# 3442
Delta R.T. -0.01 min
Lab File: BM006133.D
Acq: 29 Jun 2016 19:51

Tgt Ion:252 Resp: 239304

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.6	26.4
125	10.7	8.1	12.1

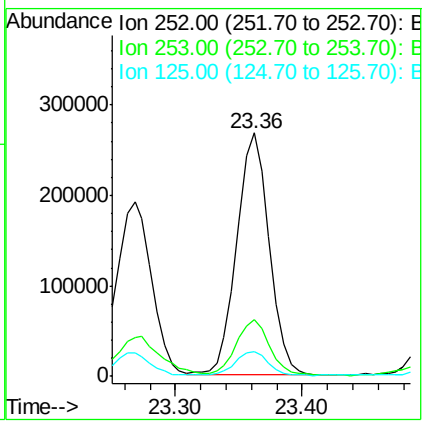




#38
Benzo(a)pyrene
Concen: 7.56 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006133.D
Acq: 29 Jun 2016 19:51

Tgt Ion:252 Resp: 476287

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.8	26.6
125	10.4	8.7	13.1



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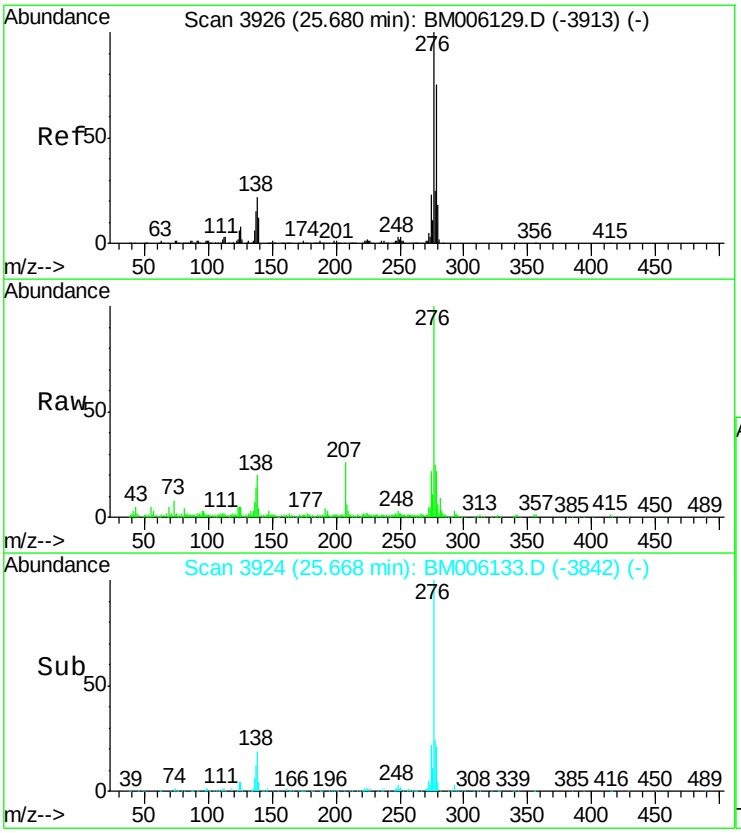
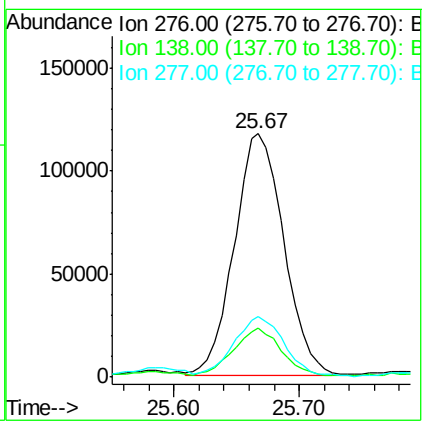
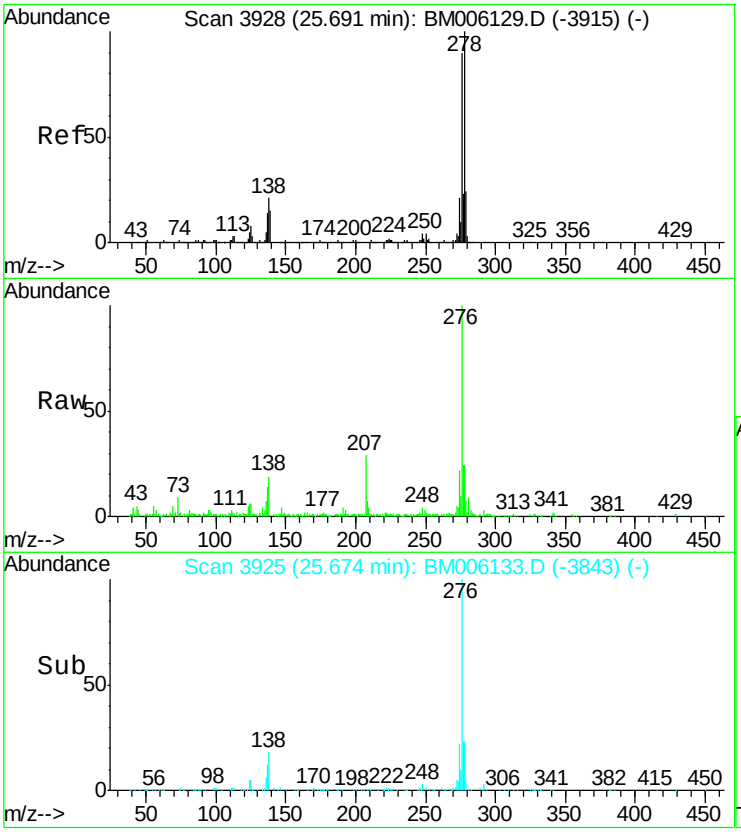


#39
Indeno(1,2,3-cd)pyrene
Concen: 4.93 ng/ul m
RT: 25.67 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM006133.D
Acq: 29 Jun 2016 19:51

Tgt Ion:276 Resp: 323009

Ion	Ratio	Lower	Upper
276	100		
138	20.1	20.4	30.6#
277	25.1	20.6	30.8

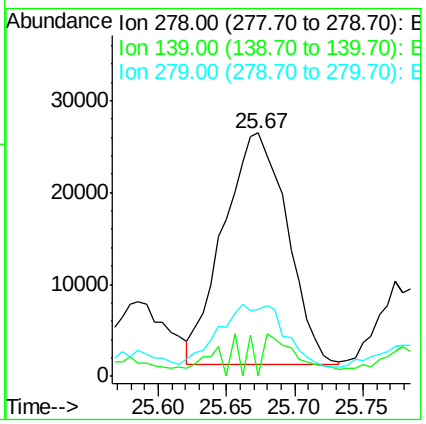




#40
Dibenzo(a,h)anthracene
Concen: 1.50 ng/ul m
RT: 25.67 min Scan# 3925
Delta R.T. -0.02 min
Lab File: BM006133.D
Acq: 29 Jun 2016 19:51

Tgt Ion:278 Resp: 81446

Ion	Ratio	Lower	Upper
278	100		
139	0.0	13.0	19.4#
279	27.6	18.8	28.2



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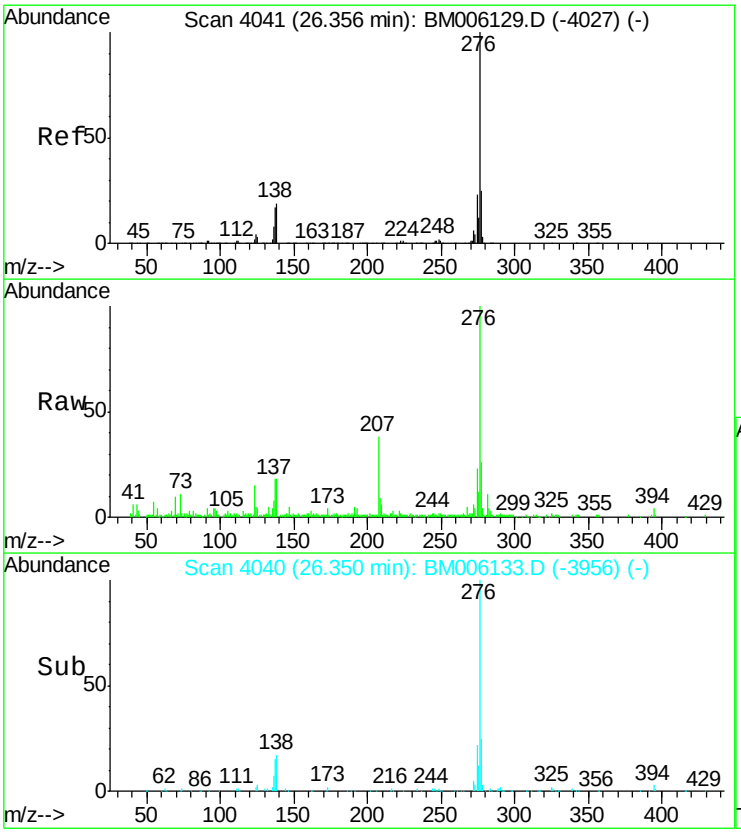

#41
Benzo(g,h,i)perylene
Concen: 4.64 ng/ul
RT: 26.35 min Scan# 4040
Delta R.T. -0.01 min
Lab File: BM006133.D
Acq: 29 Jun 2016 19:51

Tgt Ion:276 Resp: 254546

Ion	Ratio	Lower	Upper
276	100		
138	17.7	16.6	25.0
277	26.2	18.9	28.3