Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062916\
Data File : BM006140.D
Acq On : 30 Jun 2016 00:03
Operator : UM/SJ
Sample : H3780-11
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9YG0

Manual Integrations
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Quant Time: Jun 30 04:05:55 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	201078	20.00	ng/ul	0.00
7) Naphthalene-d8	10.43	136	1003712	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.30	164	610743	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.05	188	1434524	20.00	ng/ul	0.00
29) Chrysene-d12	21.24	240	1606731	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1421517	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.16	96	5659	1.31	ng/uL	0.00
3) Phenol-d5	6.82	99	343487	20.91	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.99	67	220917	22.81	ng/ul	0.00
5) 2-Chlorophenol-d4	7.18	132	264106	20.95	ng/ul	0.00
6) 4-Methylphenol-d8	8.35	113	288922	21.85	ng/ul	-0.01
8) Nitrobenzene-d5	8.80	128	146951	21.74	ng/ul	0.00
9) 2-Nitrophenol-d4	9.52	143	160031	20.68	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.05	165	297043	21.04	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	252386	22.62	ng/ul	0.00
16) Dimethylphthalate-d6	13.71	166	976341	22.30	ng/ul	0.00
17) Acenaphthylene-d8	13.99	160	1251803	23.56	ng/ul	0.00
20) 4-Nitrophenol-d4	14.50	143	95884	11.54	ng/ul	0.00
21) Fluorene-d10	15.30	176	882751	23.63	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.42	200	119432	23.51	ng/ul	0.00
26) Anthracene-d10	17.14	188	1357836	23.60	ng/ul	0.00
30) Pyrene-d10	19.45	212	1591971	24.61	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1356108	23.97	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.09	178	240692	3.55	ng/ul	99
28) Fluoranthene	19.11	202	697126	8.38	ng/ul	99
31) Pyrene	19.48	202	667523	7.88	ng/ul	96
32) Benzo(a)anthracene	21.23	228	413827	4.95	ng/ul	97
33) Chrysene	21.28	228	488031	6.34	ng/ul	98
35) Benzo(b)fluoranthene	22.80	252	691853	9.38	ng/ul	98
36) Benzo(k)fluoranthene	22.83	252	192328m	2.78	ng/ul	
38) Benzo(a)pyrene	23.36	252	396816	5.69	ng/ul	100
39) Indeno(1,2,3-cd)pyrene	25.67	276	264414	3.65	ng/ul#	93
40) Dibenzo(a,h)anthracene	25.68	278	76093	1.27	ng/ul	94
41) Benzo(g,h,i)perylene	26.35	276	252695	4.17	ng/ul	99

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

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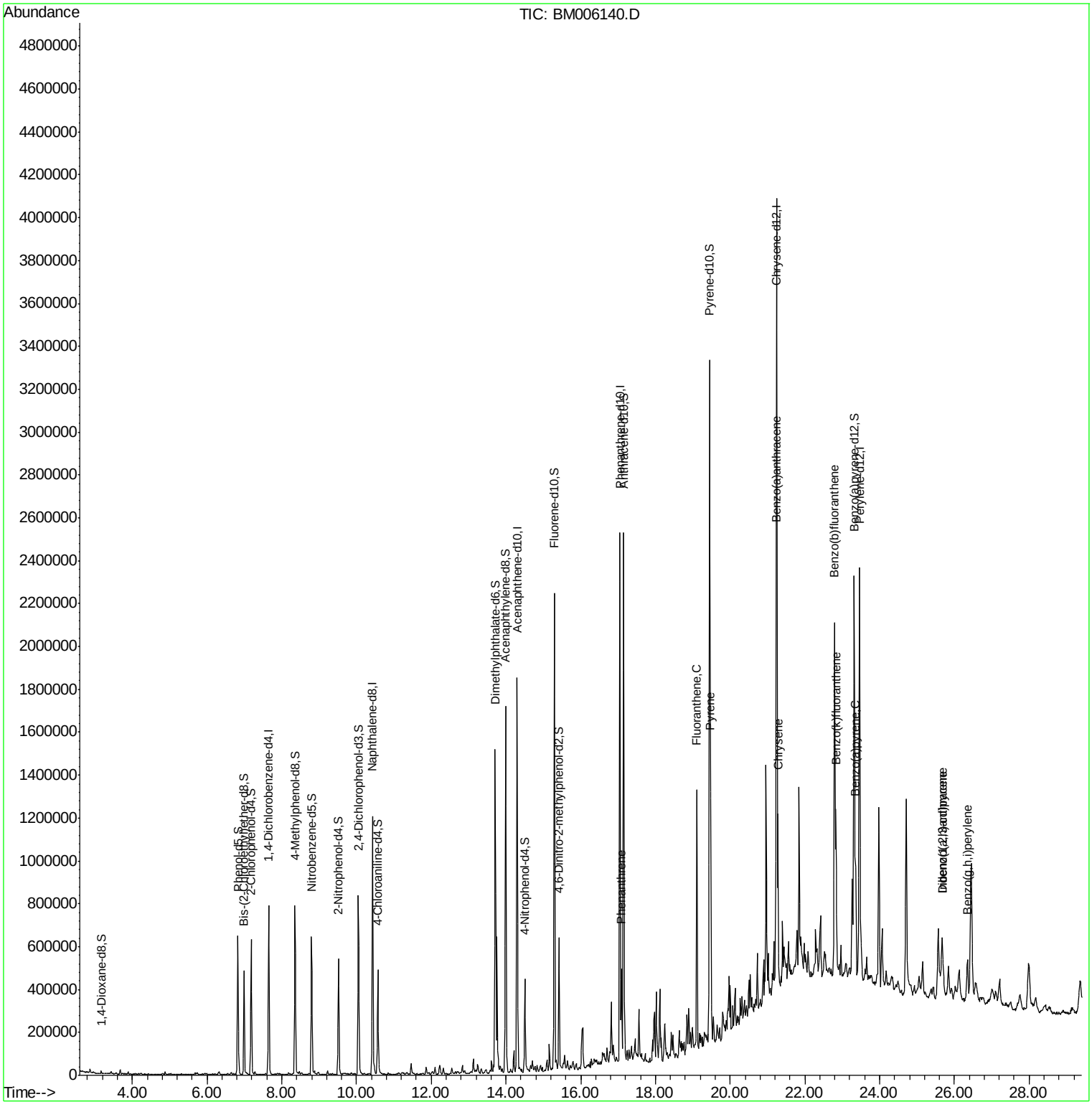
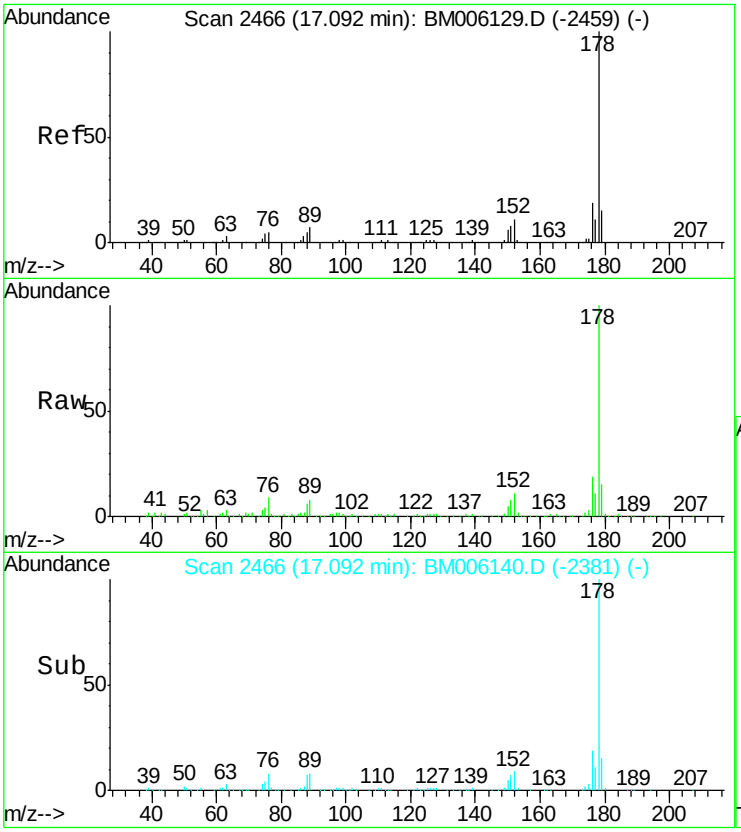
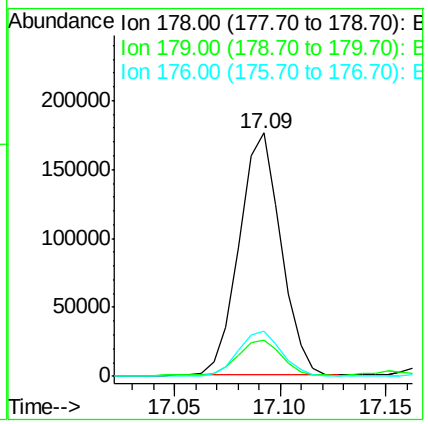




#25
Phenanthrene
Concen: 3.55 ng/ul
RT: 17.09 min Scan# 2466
Delta R.T. 0.00 min
Lab File: BM006140.D
Acq: 30 Jun 2016 00:03

Tgt Ion:178 Resp: 240692

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.2	18.2
176	18.8	15.3	22.9



Instrument :
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ClientSampleId :
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Manual Integrations
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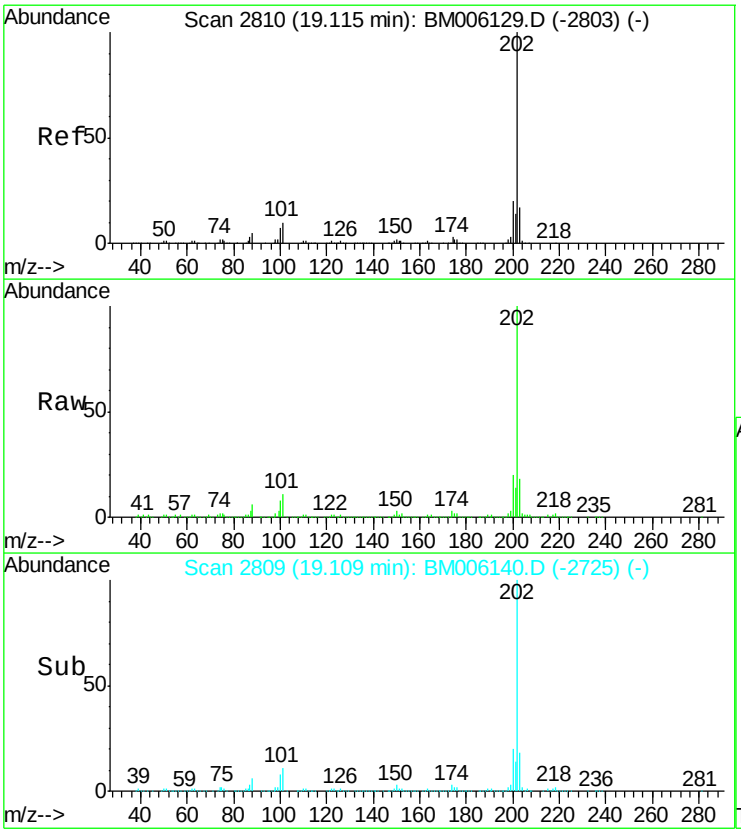
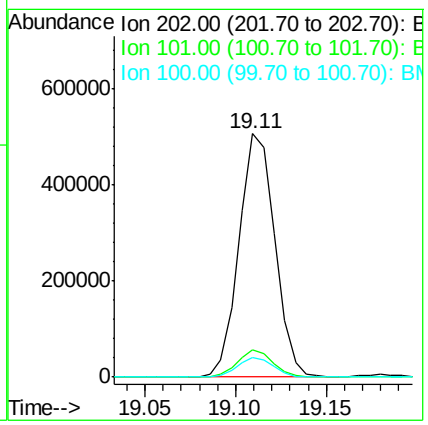
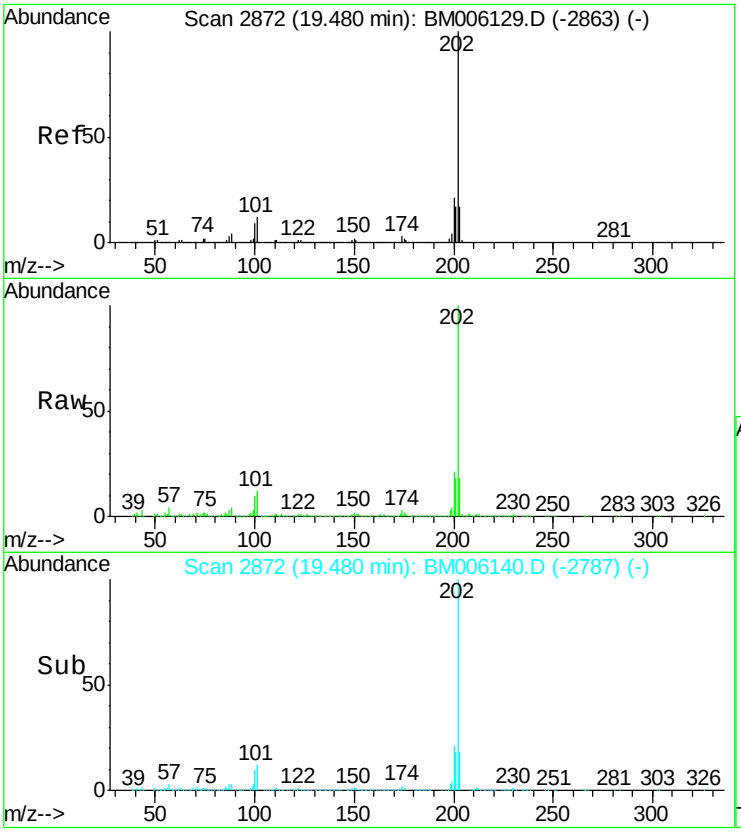


#28
Fluoranthene
Concen: 8.38 ng/ul
RT: 19.11 min Scan# 2809
Delta R.T. -0.01 min
Lab File: BM006140.D
Acq: 30 Jun 2016 00:03

Tgt Ion:202 Resp: 697126

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.5	12.7
100	8.2	6.5	9.7

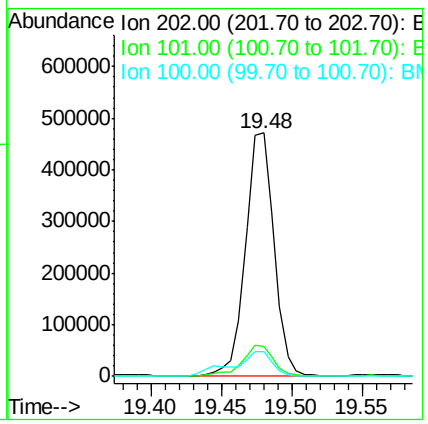




#31
Pyrene
Concen: 7.88 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. 0.00 min
Lab File: BM006140.D
Acq: 30 Jun 2016 00:03

Tgt Ion:202 Resp: 667523

Ion	Ratio	Lower	Upper
202	100		
101	12.0	11.0	16.4
100	10.0	8.9	13.3



Instrument :
BNA_M
ClientSampleId :
D9YG0

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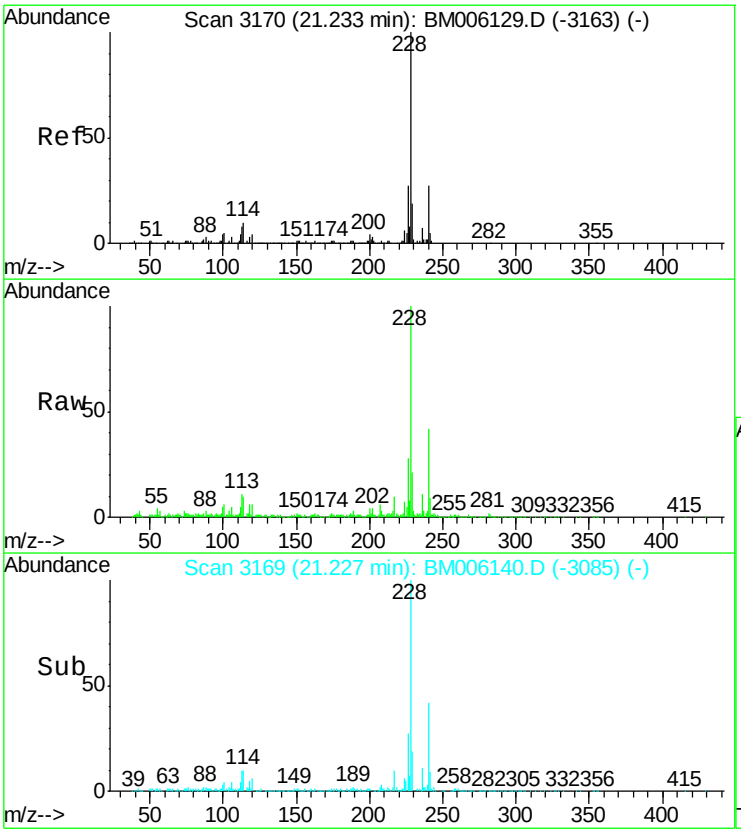
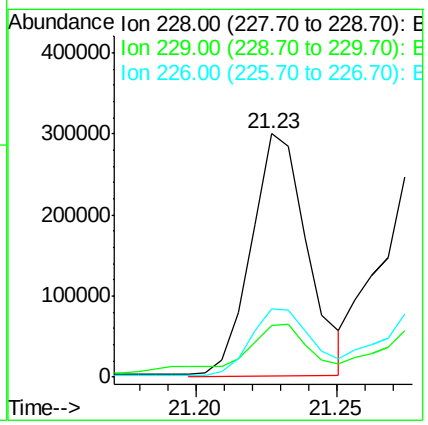
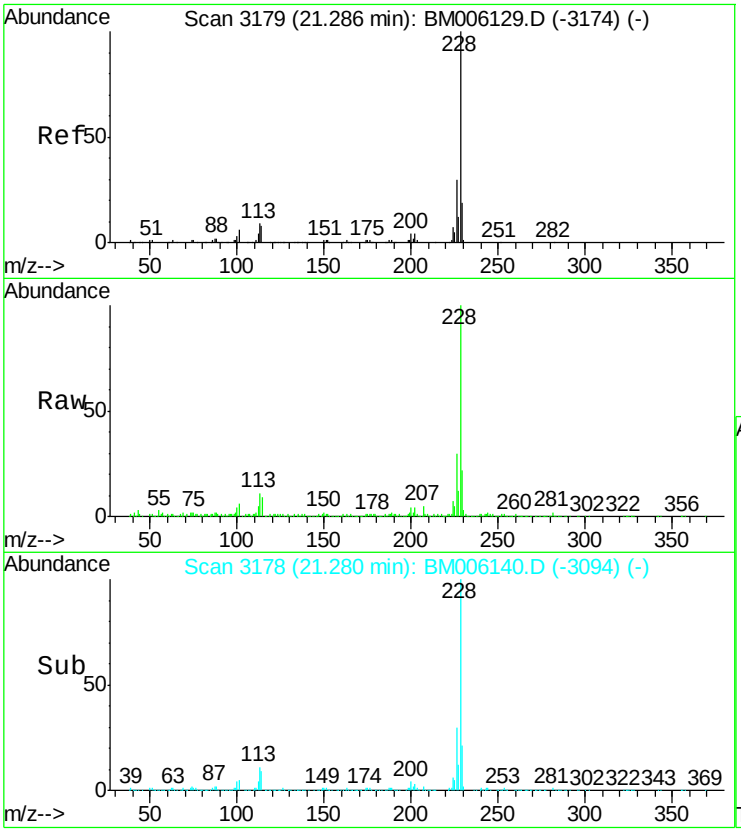


#32
Benzo(a)anthracene
Concen: 4.95 ng/ul
RT: 21.23 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BM006140.D
Acq: 30 Jun 2016 00:03

Tgt Ion:228 Resp: 413827

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.6	23.4
226	28.3	21.6	32.4

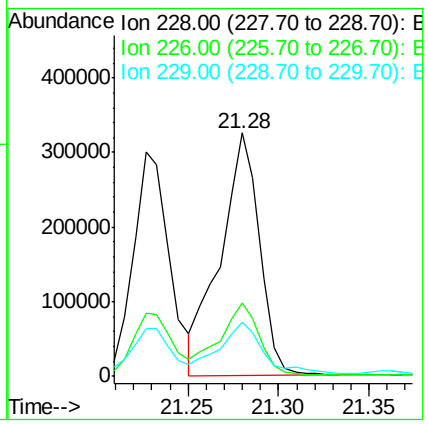




#33
Chrysene
Concen: 6.34 ng/ul
RT: 21.28 min Scan# 3178
Delta R.T. -0.01 min
Lab File: BM006140.D
Acq: 30 Jun 2016 00:03

Tgt Ion:228 Resp: 488031

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.8	35.6
229	22.0	15.8	23.6



Instrument :
BNA_M
ClientSampleId :
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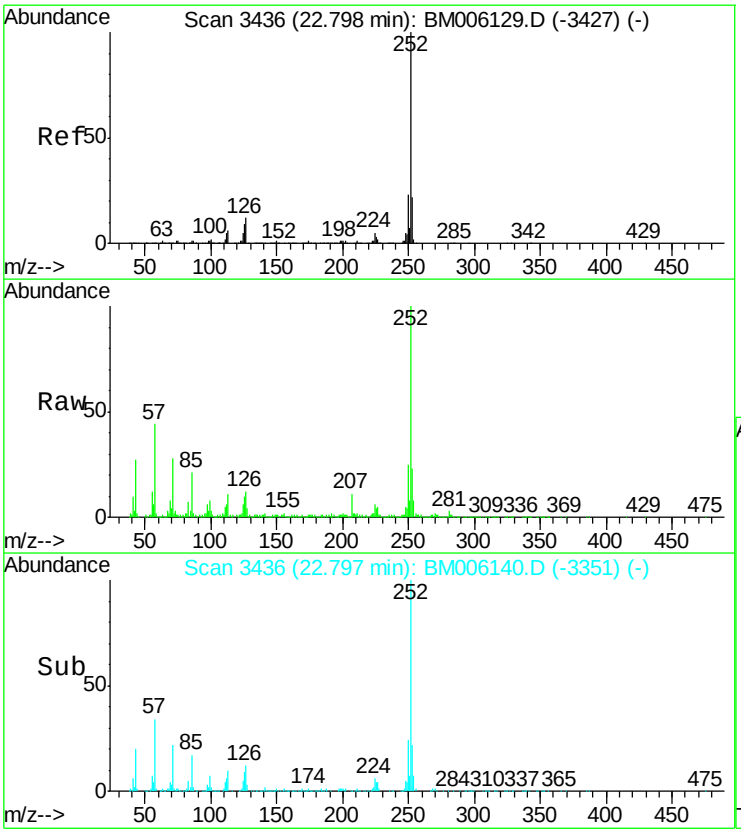
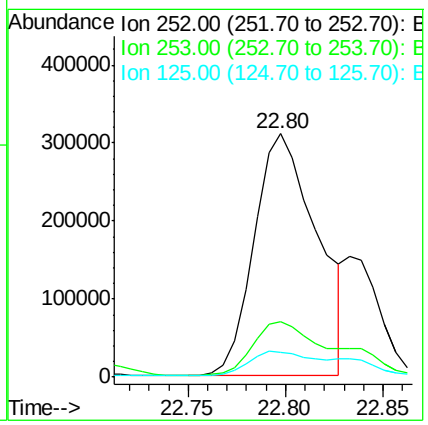
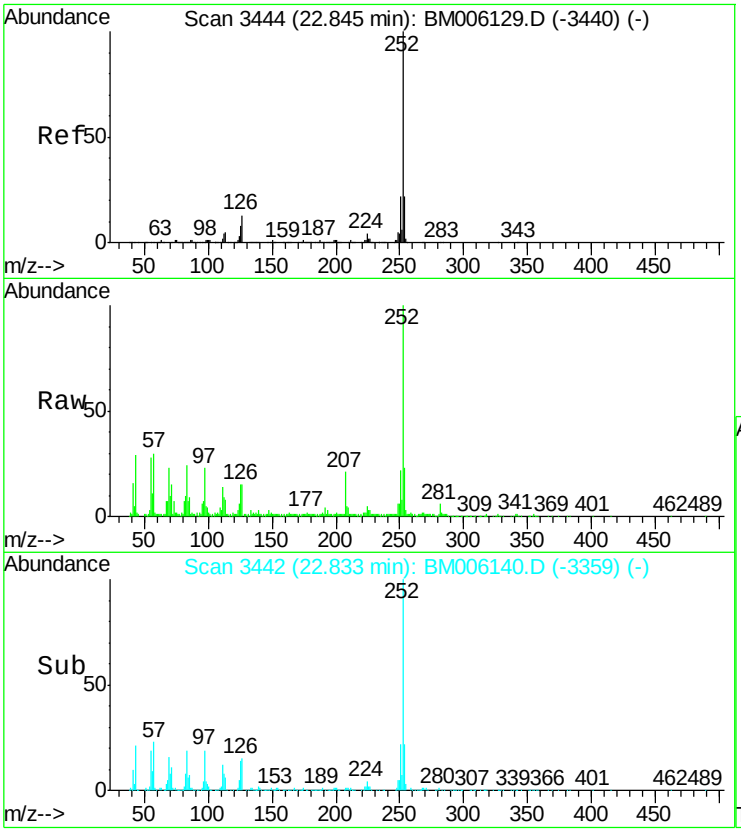


#35
Benzo(b)fluoranthene
Concen: 9.38 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. 0.00 min
Lab File: BM006140.D
Acq: 30 Jun 2016 00:03

Tgt Ion:252 Resp: 691853

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	10.1	7.8	11.6

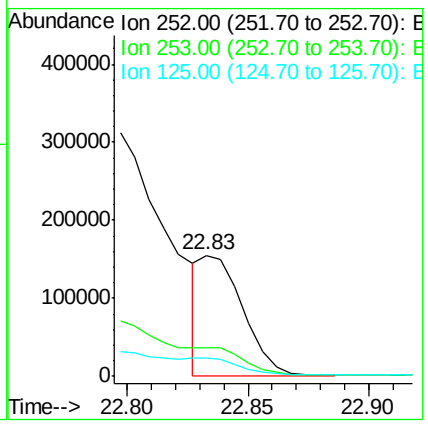




#36
Benzo(k)fluoranthene
Concen: 2.78 ng/ul m
RT: 22.83 min Scan# 3442
Delta R.T. -0.01 min
Lab File: BM006140.D
Acq: 30 Jun 2016 00:03

Tgt Ion:252 Resp: 192328

Ion	Ratio	Lower	Upper
252	100		
253	23.5	17.6	26.4
125	15.3	8.1	12.1#



Instrument :
BNA_M
ClientSampleId :
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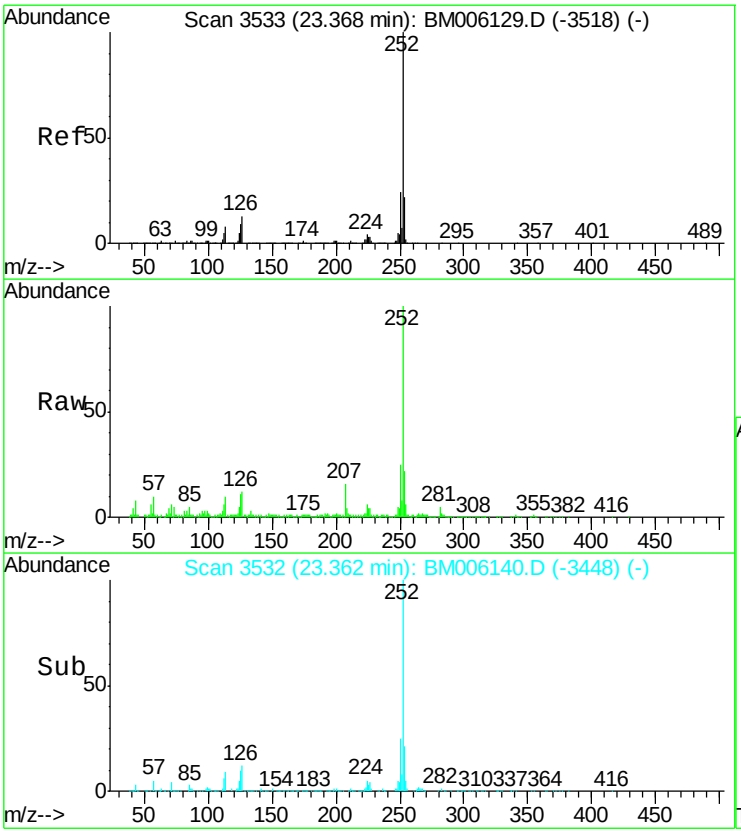
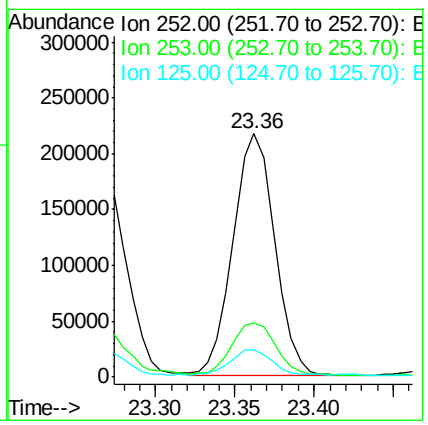
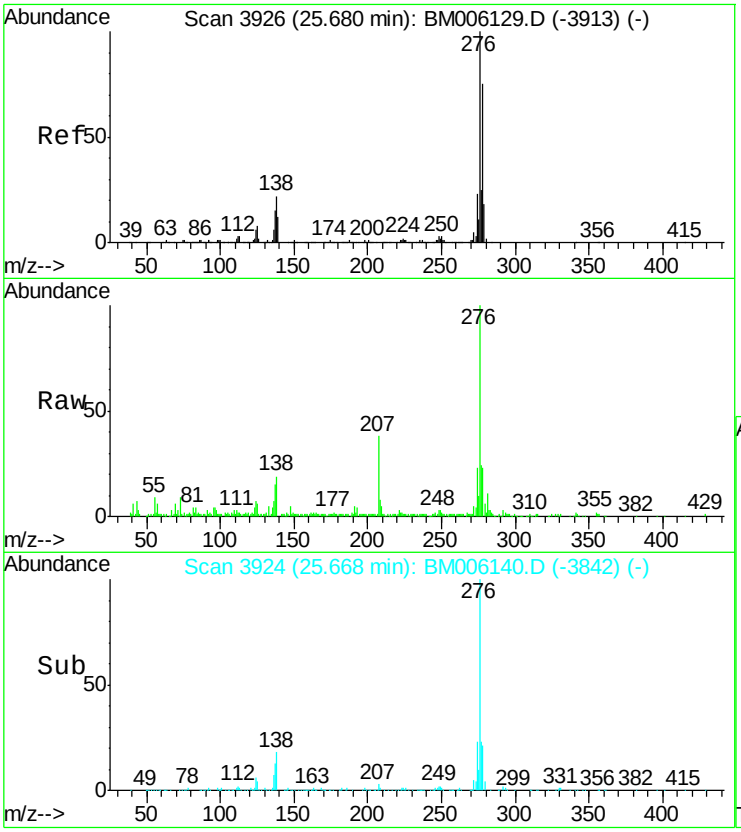


#38
Benzo(a)pyrene
Concen: 5.69 ng/ul
RT: 23.36 min Scan# 3532
Delta R.T. -0.01 min
Lab File: BM006140.D
Acq: 30 Jun 2016 00:03

Tgt Ion:252 Resp: 396816

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.8	26.6
125	11.0	8.7	13.1

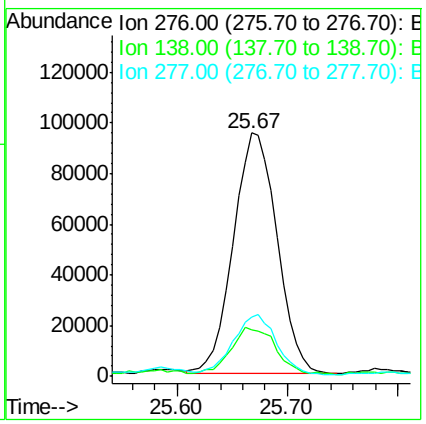




#39
Indeno(1,2,3-cd)pyrene
Concen: 3.65 ng/ul
RT: 25.67 min Scan# 3924
Delta R.T. -0.02 min
Lab File: BM006140.D
Acq: 30 Jun 2016 00:03

Tgt Ion:276 Resp: 264414

Ion	Ratio	Lower	Upper
276	100		
138	19.2	20.4	30.6#
277	24.4	20.6	30.8



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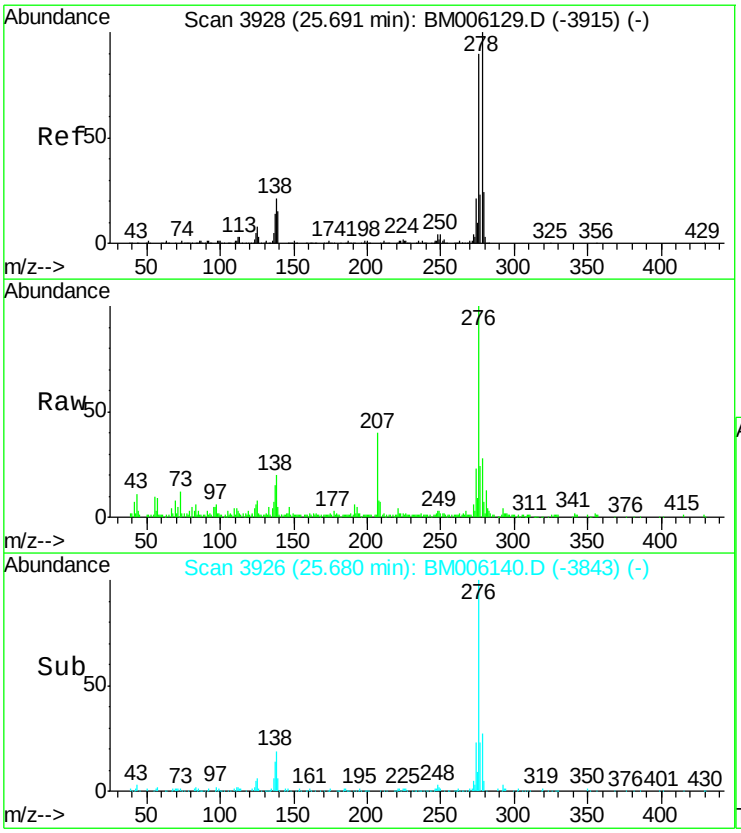
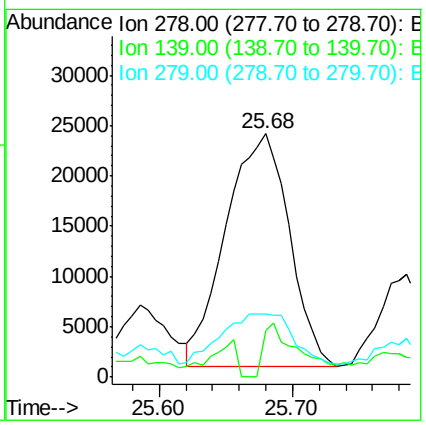
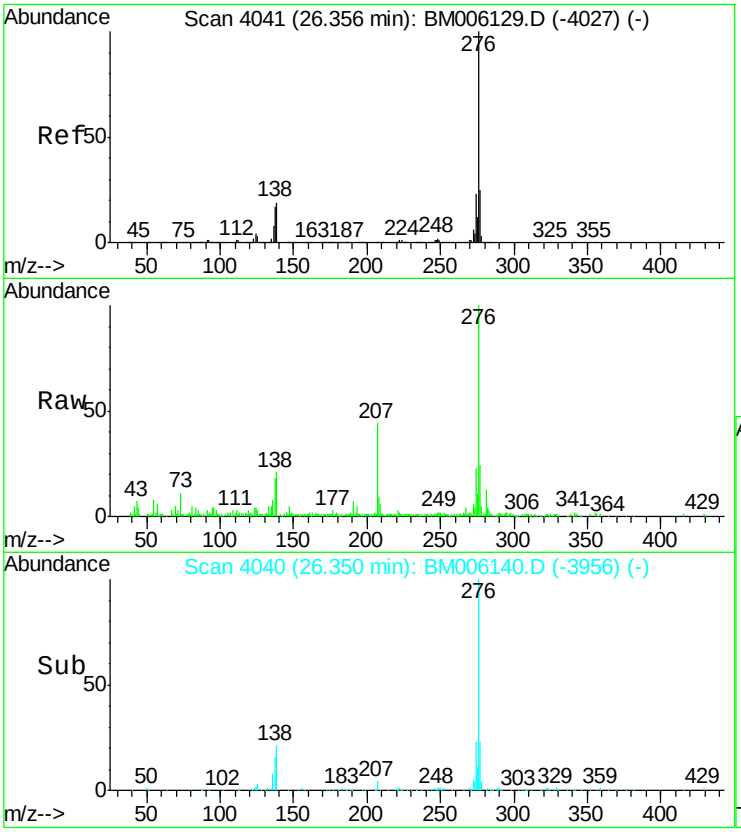


#40
Dibenzo(a,h)anthracene
Concen: 1.27 ng/ul
RT: 25.68 min Scan# 3926
Delta R.T. -0.01 min
Lab File: BM006140.D
Acq: 30 Jun 2016 00:03

Tgt Ion:278 Resp: 76093

Ion	Ratio	Lower	Upper
278	100		
139	19.1	13.0	19.4
279	26.1	18.8	28.2

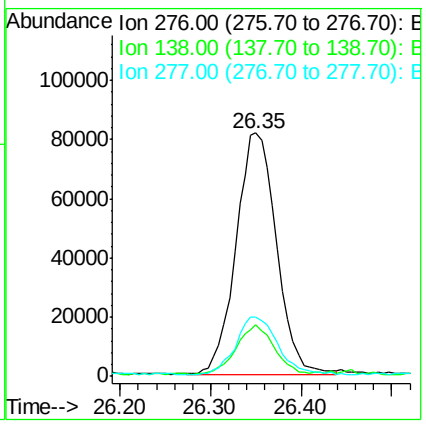




#41
Benzo(g,h,i)perylene
Concen: 4.17 ng/ul
RT: 26.35 min Scan# 4040
Delta R.T. -0.01 min
Lab File: BM006140.D
Acq: 30 Jun 2016 00:03

Tgt Ion:276 Resp: 252695

Ion	Ratio	Lower	Upper
276	100		
138	21.2	16.6	25.0
277	24.4	18.9	28.3



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ClientSampleId :
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