Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080616\
Data File : BM006966.D
Acq On : 07 Aug 2016 08:42
Operator : UM/SJ
Sample : H4302-01
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA0G5

Manual Integrations APPROVED
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Quant Time: Aug 08 04:49:40 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080616.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 08 03:51:46 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	213772	20.00	ng/ul	0.00
7) Naphthalene-d8	10.32	136	1051309	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.20	164	670793	20.00	ng/ul	0.00
23) Phenanthrene-d10	16.96	188	1597369	20.00	ng/ul	0.00
29) Chrysene-d12	21.17	240	1515147	20.00	ng/ul	0.00
34) Perylene-d12	23.36	264	1185781	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.09	96	7259	1.55	ng/uL	0.00
3) Phenol-d5	6.77	99	321525	15.86	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	6.90	67	252812	19.89	ng/ul	0.00
5) 2-Chlorophenol-d4	7.10	132	257808	17.82	ng/ul	0.00
6) 4-Methylphenol-d8	8.29	113	211629	12.51	ng/ul	0.00
8) Nitrobenzene-d5	8.72	128	156442	20.03	ng/ul	0.00
9) 2-Nitrophenol-d4	9.43	143	177234	18.95	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	9.98	165	332566	18.76	ng/ul	0.00
12) 4-Chloroaniline-d4	10.49	131	328098	15.50	ng/ul	0.00
16) Dimethylphthalate-d6	13.63	166	1204403	20.40	ng/ul	0.00
17) Acenaphthylene-d8	13.90	160	1429986	20.94	ng/ul	0.00
20) 4-Nitrophenol-d4	14.52	143	103708m	12.11	ng/ul	0.02
21) Fluorene-d10	15.21	176	1051650	20.96	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.37	200	131708	19.97	ng/ul	0.00
26) Anthracene-d10	17.06	188	1652066	21.41	ng/ul	0.00
30) Pyrene-d10	19.37	212	1925743	26.66	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.22	264	1250522	22.14	ng/ul	0.00
Target Compounds						Qvalue
25) Phenanthrene	17.00	178	271434	3.04	ng/ul	98
28) Fluoranthene	19.03	202	688853	6.34	ng/ul	97
31) Pyrene	19.40	202	693880m	7.37	ng/ul	
32) Benzo(a)anthracene	21.16	228	437083	4.86	ng/ul	97
33) Chrysene	21.21	228	426592	5.39	ng/ul	97
35) Benzo(b)fluoranthene	22.71	252	644427	8.33	ng/ul	97
36) Benzo(k)fluoranthene	22.74	252	184312m	2.47	ng/ul	
38) Benzo(a)pyrene	23.26	252	360589	5.14	ng/ul	97
39) Indeno(1,2,3-cd)pyrene	25.54	276	263768	3.71	ng/ul	96
40) Dibenzo(a,h)anthracene	25.53	278	79923m	1.33	ng/ul	
41) Benzo(g,h,i)perylene	26.21	276	247146	4.41	ng/ul	97

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

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Instrument :
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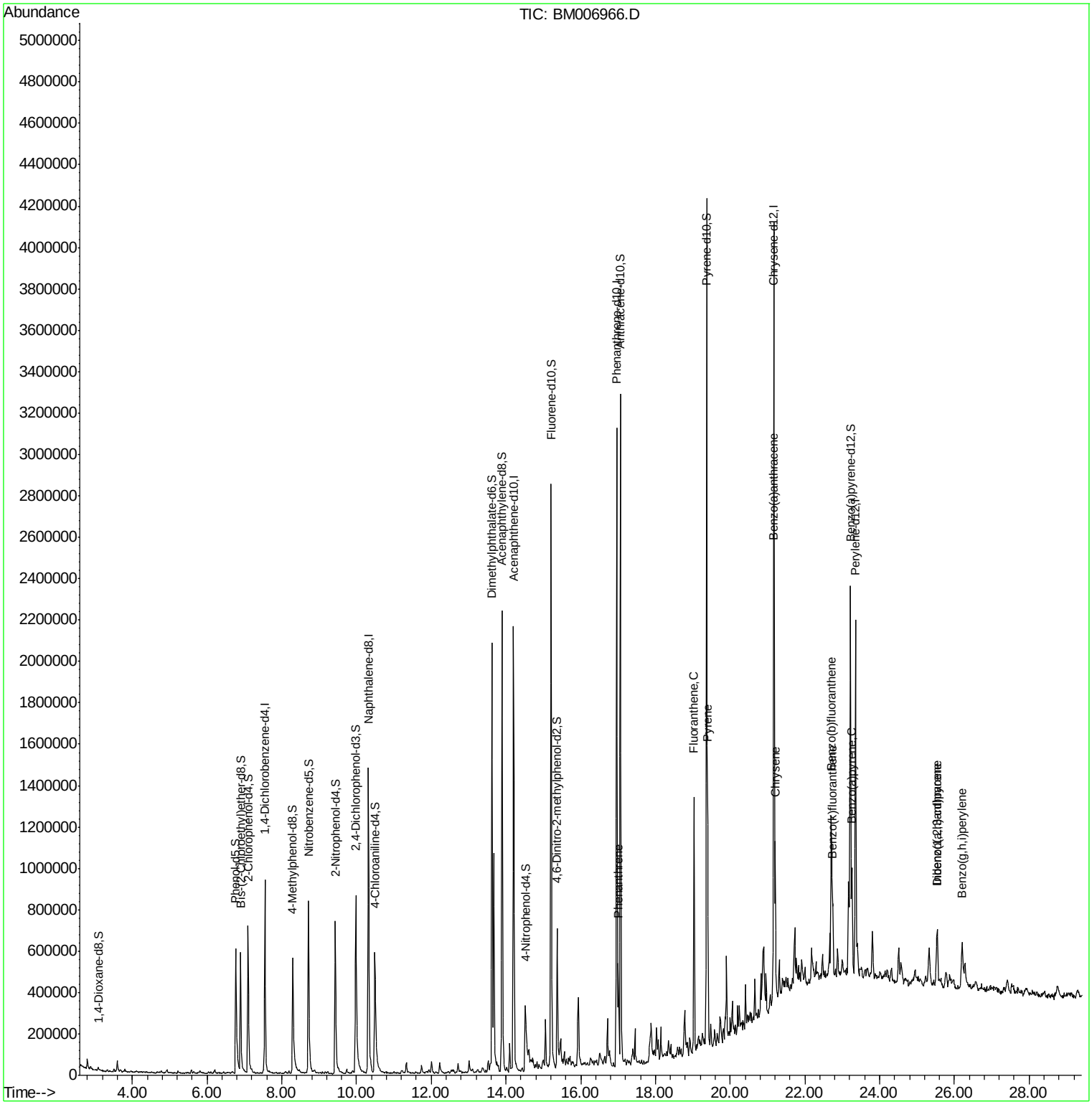
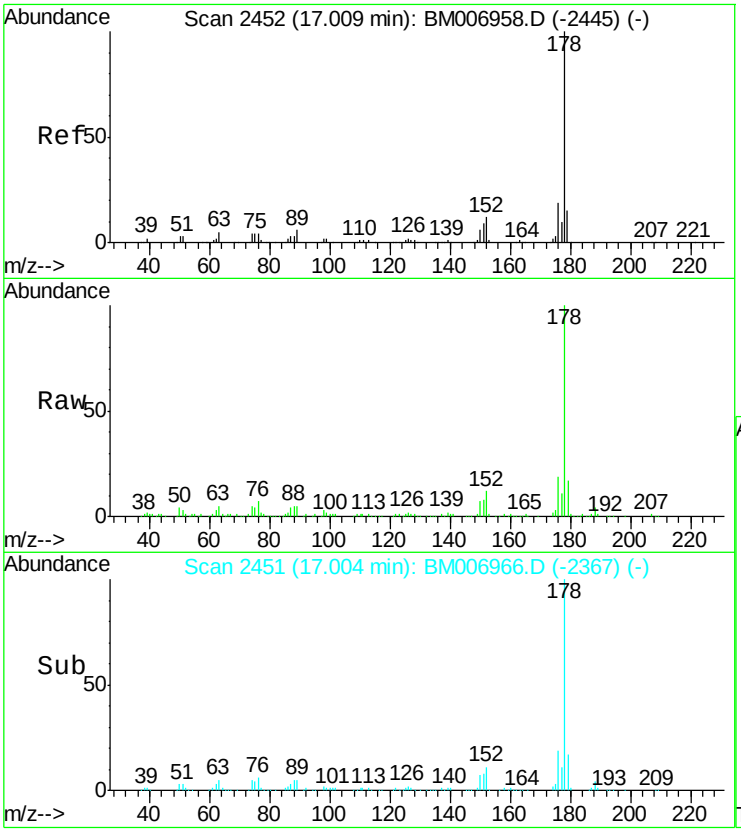
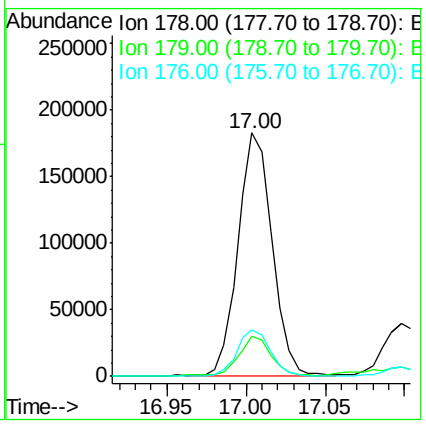




#25
Phenanthrene
Concen: 3.04 ng/ul
RT: 17.00 min Scan# 2451
Delta R.T. -0.01 min
Lab File: BM006966.D
Acq: 07 Aug 2016 08:42

Tgt Ion:178 Resp: 271434

Ion	Ratio	Lower	Upper
178	100		
179	16.6	12.0	18.0
176	18.9	15.0	22.4



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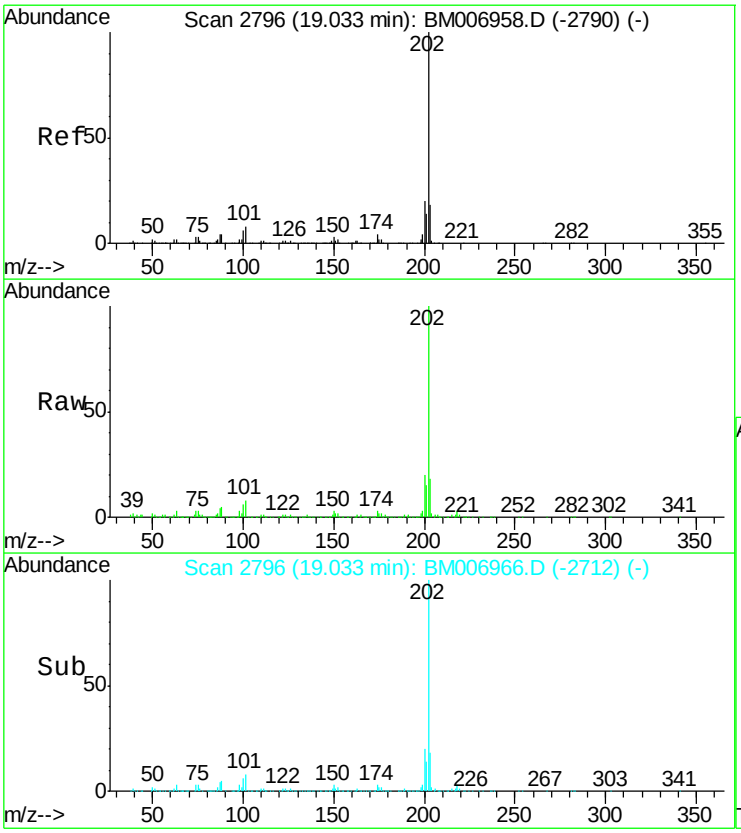
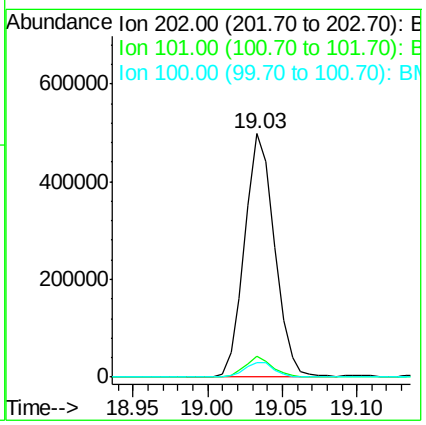
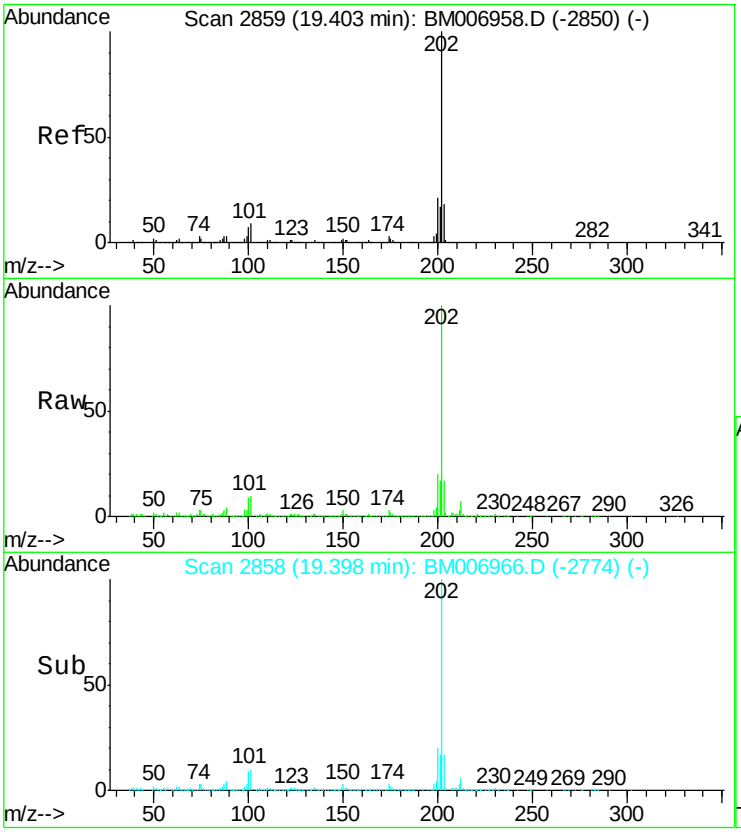


#28
Fluoranthene
Concen: 6.34 ng/ul
RT: 19.03 min Scan# 2796
Delta R.T. -0.01 min
Lab File: BM006966.D
Acq: 07 Aug 2016 08:42

Tgt Ion:202 Resp: 688853

Ion	Ratio	Lower	Upper
202	100		
101	8.4	5.6	8.4
100	6.1	4.2	6.4

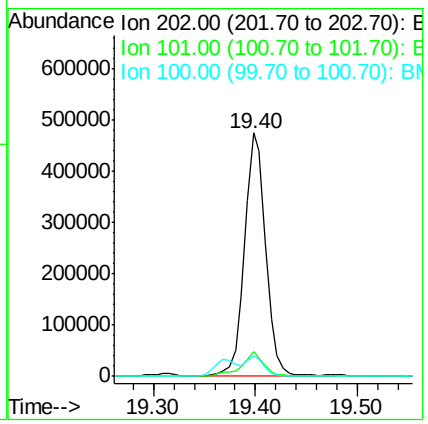




#31
Pyrene
Concen: 7.37 ng/ul m
RT: 19.40 min Scan# 2858
Delta R.T. -0.01 min
Lab File: BM006966.D
Acq: 07 Aug 2016 08:42

Tgt Ion:202 Resp: 693880

Ion	Ratio	Lower	Upper
202	100		
101	10.4	6.4	9.6#
100	8.6	5.4	8.2#



Instrument :
BNA_M
ClientSampleId :
DA0G5

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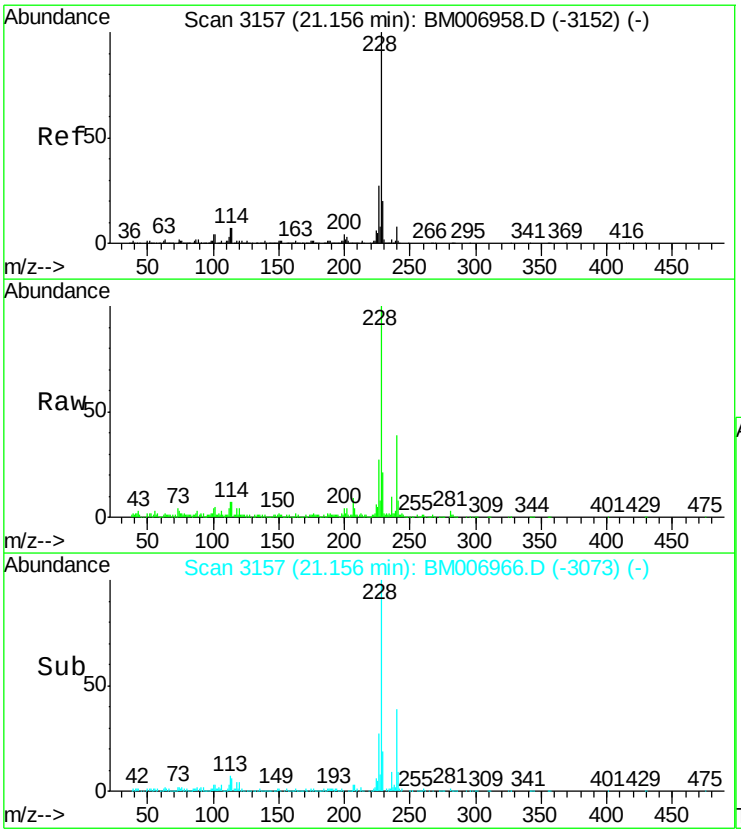
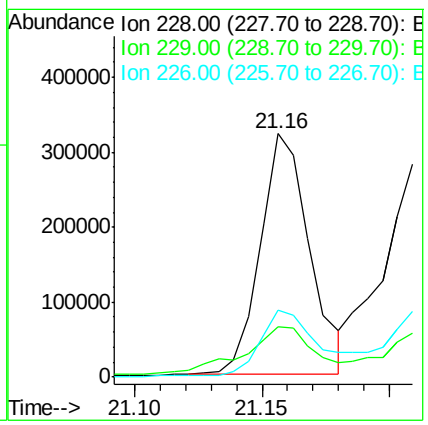
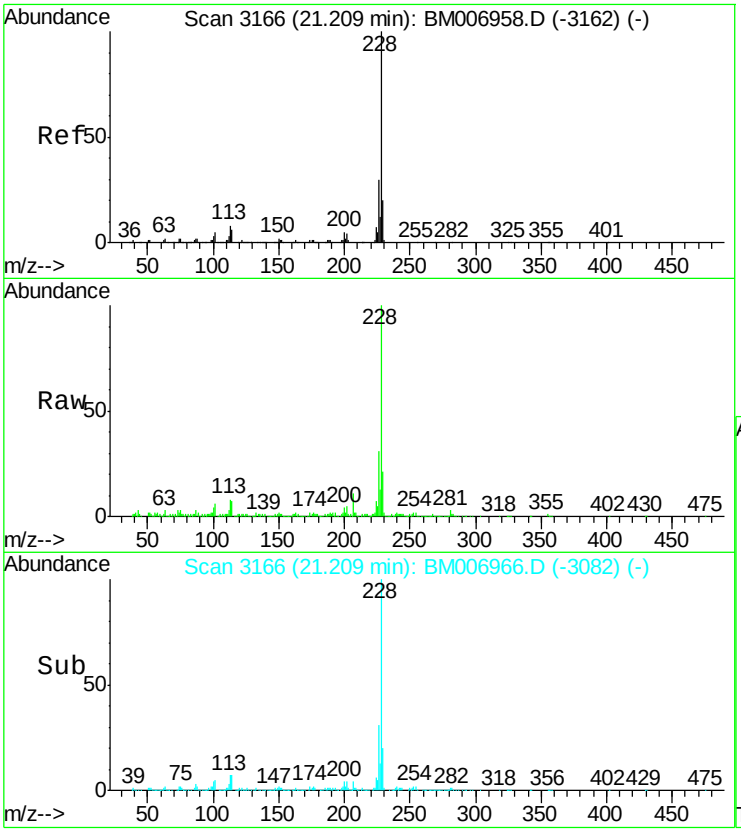


#32
Benzo(a)anthracene
Concen: 4.86 ng/ul
RT: 21.16 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BM006966.D
Acq: 07 Aug 2016 08:42

Tgt Ion:228 Resp: 437083

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.2	22.8
226	27.3	21.3	31.9

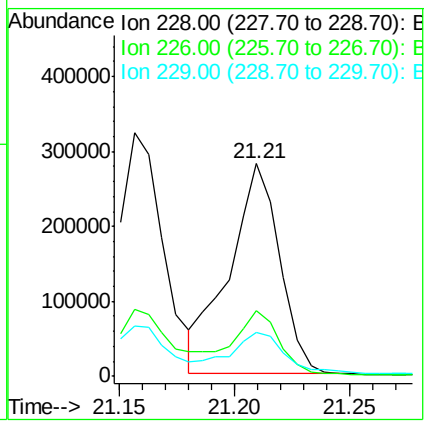




#33
Chrysene
Concen: 5.39 ng/ul
RT: 21.21 min Scan# 3166
Delta R.T. -0.01 min
Lab File: BM006966.D
Acq: 07 Aug 2016 08:42

Tgt Ion:228 Resp: 426592

Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.6
229	20.5	15.1	22.7



Instrument :
BNA_M
ClientSampleId :
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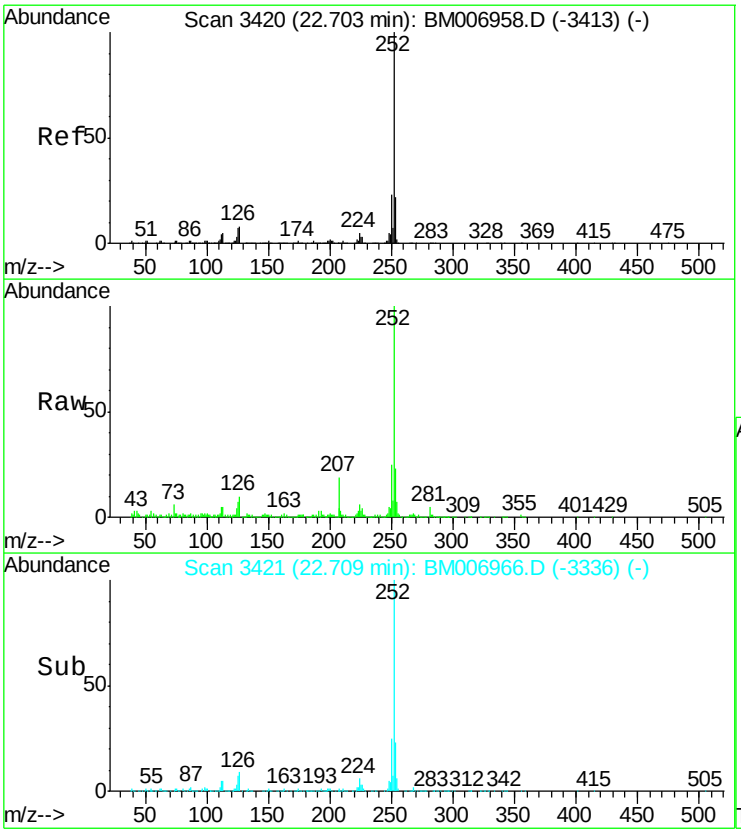
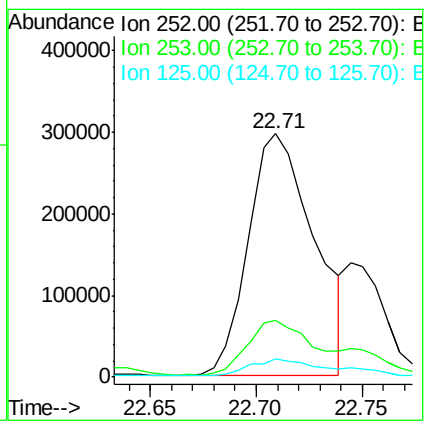
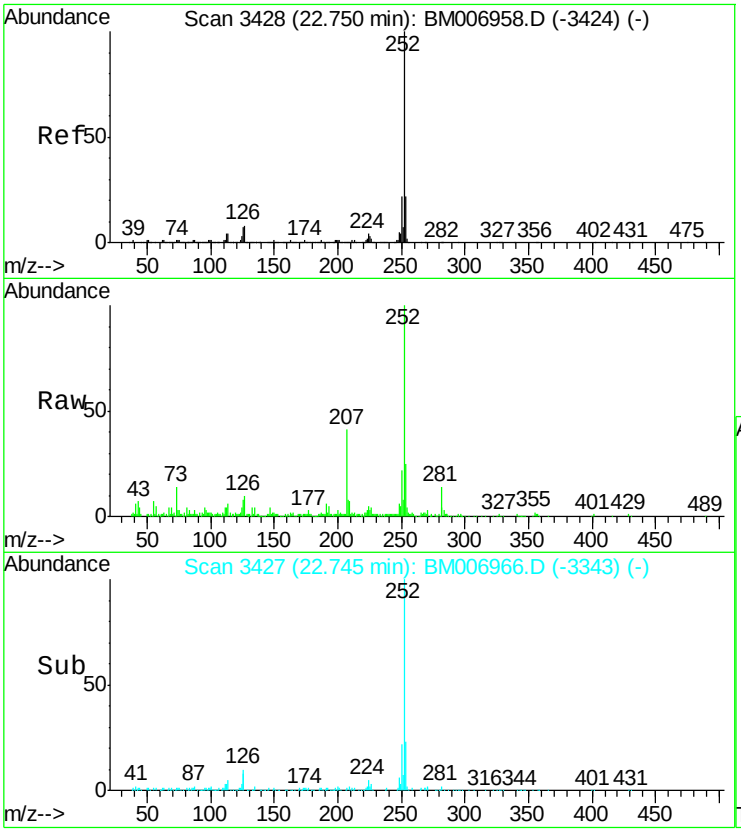


#35
Benzo(b)fluoranthene
Concen: 8.33 ng/ul
RT: 22.71 min Scan# 3421
Delta R.T. 0.00 min
Lab File: BM006966.D
Acq: 07 Aug 2016 08:42

Tgt Ion:252 Resp: 644427

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.6	26.4
125	7.4	5.1	7.7

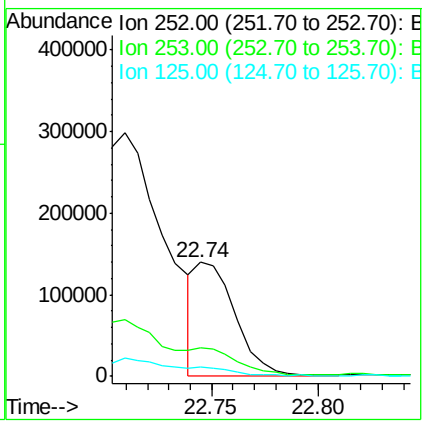




#36
Benzo(k)fluoranthene
Concen: 2.47 ng/ul m
RT: 22.74 min Scan# 3427
Delta R.T. -0.01 min
Lab File: BM006966.D
Acq: 07 Aug 2016 08:42

Tgt Ion:252 Resp: 184312

Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	8.3	5.1	7.7#



Instrument :
BNA_M
ClientSampleId :
DA0G5

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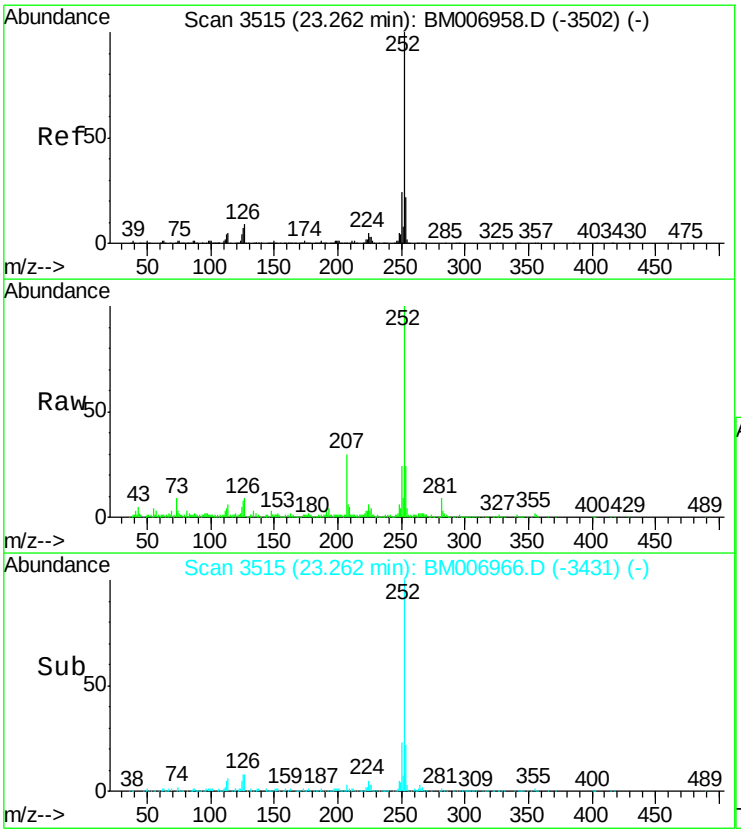
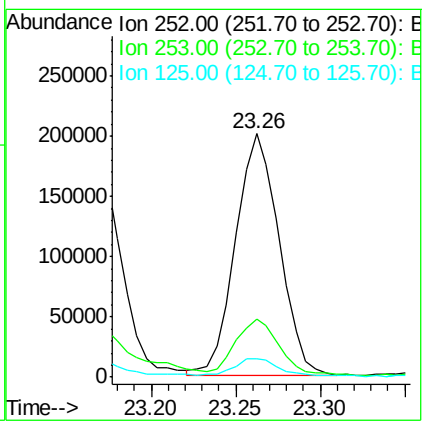
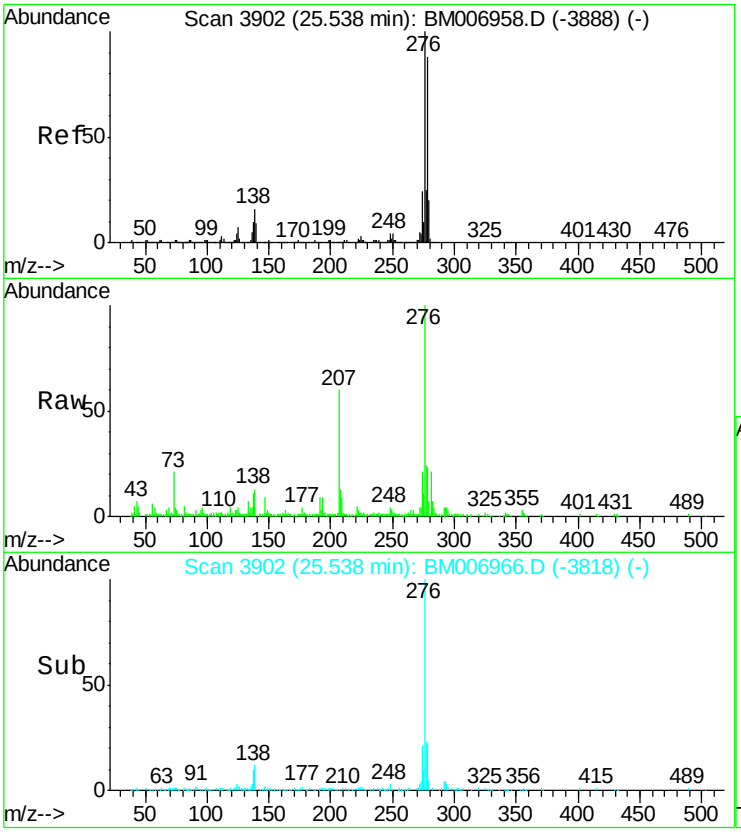


#38
Benzo(a)pyrene
Concen: 5.14 ng/ul
RT: 23.26 min Scan# 3515
Delta R.T. -0.01 min
Lab File: BM006966.D
Acq: 07 Aug 2016 08:42

Tgt Ion:252 Resp: 360589

Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.2	27.2
125	7.8	5.6	8.4

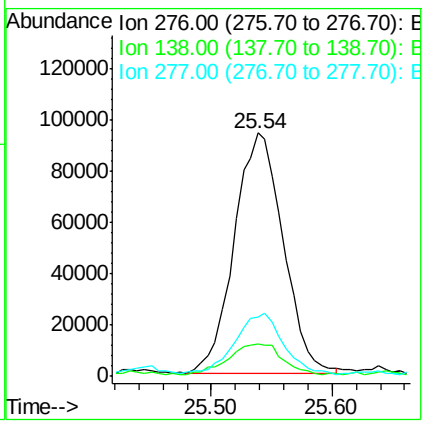




#39
Indeno(1,2,3-cd)pyrene
Concen: 3.71 ng/ul
RT: 25.54 min Scan# 3902
Delta R.T. -0.01 min
Lab File: BM006966.D
Acq: 07 Aug 2016 08:42

Tgt Ion:276 Resp: 263768

Ion	Ratio	Lower	Upper
276	100		
138	13.2	12.6	19.0
277	24.3	20.3	30.5



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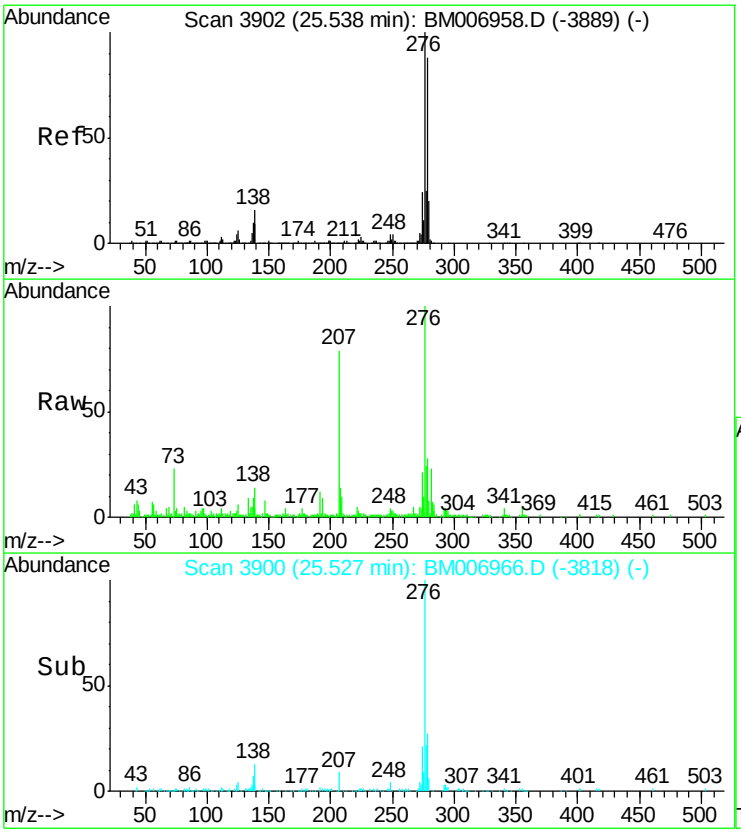
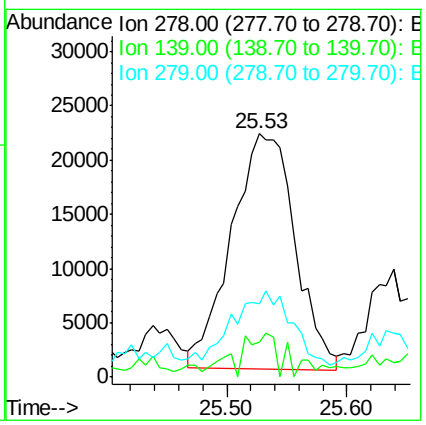
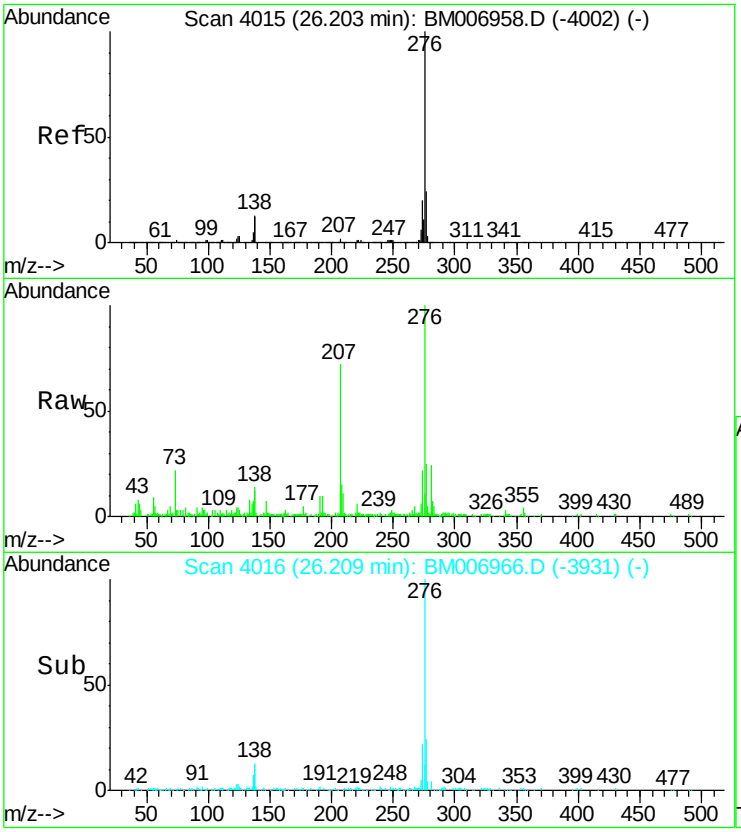


#40
Dibenzo(a,h)anthracene
Concen: 1.33 ng/ul m
RT: 25.53 min Scan# 3900
Delta R.T. -0.02 min
Lab File: BM006966.D
Acq: 07 Aug 2016 08:42

Tgt Ion:278 Resp: 79923

Ion	Ratio	Lower	Upper
278	100		
139	14.3	7.5	11.3#
279	30.3	19.0	28.4#

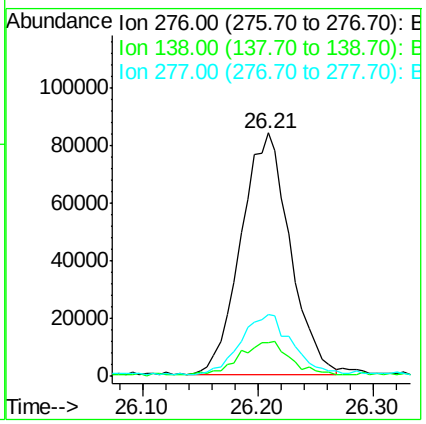




#41
Benzo(g,h,i)perylene
Concen: 4.41 ng/ul
RT: 26.21 min Scan# 4016
Delta R.T. 0.00 min
Lab File: BM006966.D
Acq: 07 Aug 2016 08:42

Tgt Ion:276 Resp: 247146

Ion	Ratio	Lower	Upper
276	100		
138	13.8	10.9	16.3
277	25.5	18.6	27.8



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