Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122916\
Data File : BM008717.D
Acq On : 29 Dec 2016 13:03
Operator : UM/SJ
Sample : H6067-10DL 5X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Manual Integrations APPROVED
Sohil
12/30/2016 8:42:40 AM

Quant Time: Dec 30 02:39:18 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 30 00:54:22 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	341m	0.40	ng/ul	-0.14
2) Naphthalene-d8	10.50	136	1019m	0.40	ng/ul	-0.05
6) Acenaphthene-d10	14.31	164	681m	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.07	188	1154m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.26	240	1283m	0.40	ng/ul	-0.02
20) Perylene-d12	23.48	264	1265m	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.14	152	64m	0.04	ng/ul	-0.01
14) Fluoranthene-d10	19.10	212	237m	0.07	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.56	128	253m	0.09	ng/ul	
7) Acenaphthylene	14.02	152	2811m	0.91	ng/ul	
9) Fluorene	15.39	166	229m	0.09	ng/ul	
12) Phenanthrene	17.11	178	599m	0.17	ng/ul	
13) Anthracene	17.21	178	2891m	0.84	ng/ul	
15) Fluoranthene	19.13	202	1841m	0.43	ng/ul	
17) Pyrene	19.48	202	3932m	0.79	ng/ul	
18) Benzo(a)anthracene	21.24	228	4697m	1.11	ng/ul	
19) Chrysene	21.29	228	12313m	2.67	ng/ul	
21) Benzo(b)fluoranthene	22.82	252	35981m	7.22	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	7140m	1.47	ng/ul	
23) Benzo(a)pyrene	23.39	252	23286m	5.04	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	23733m	4.31	ng/ul	
25) Dibenzo(a,h)anthracene	25.72	278	6215m	1.41	ng/ul	
26) Benzo(g,h,i)perylene	26.42	276	21389m	4.53	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122916\
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Acq On : 29 Dec 2016 13:03
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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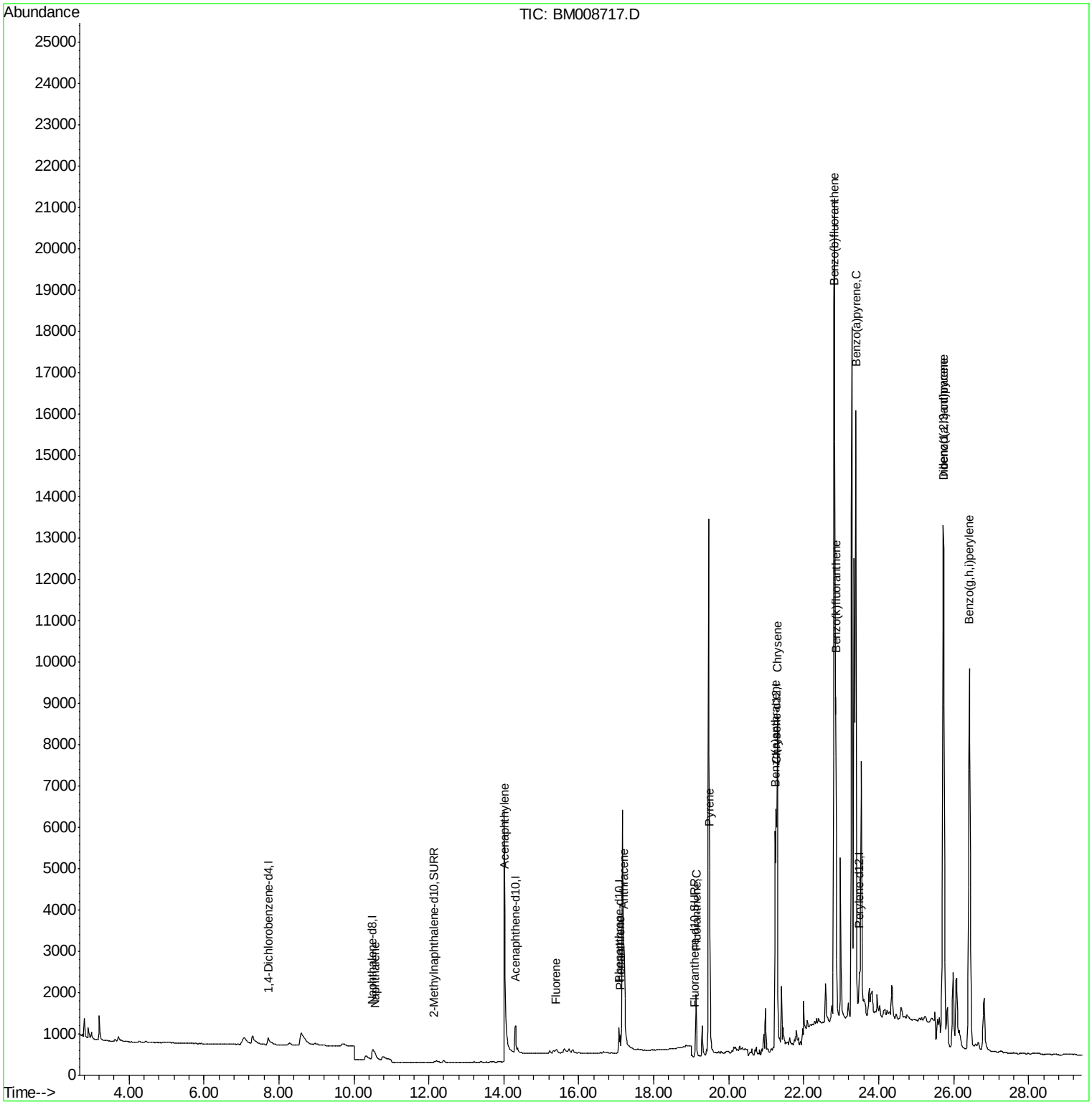
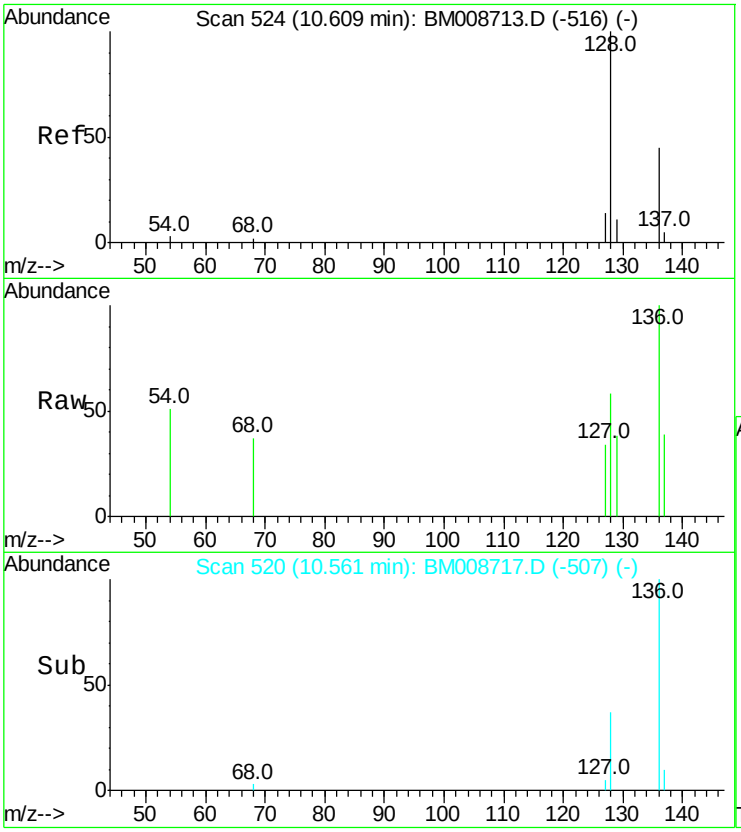
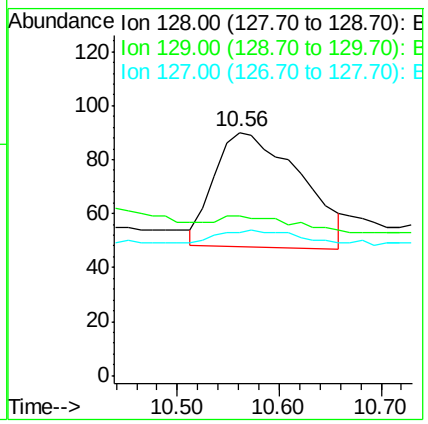




#3
Naphthalene
Concen: 0.09 ng/ul m
RT: 10.56 min Scan# 520
Delta R.T. -0.05 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:128 Resp: 253

Ion	Ratio	Lower	Upper
128	100		
129	65.6	11.3	16.9#
127	58.9	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA7G1DL

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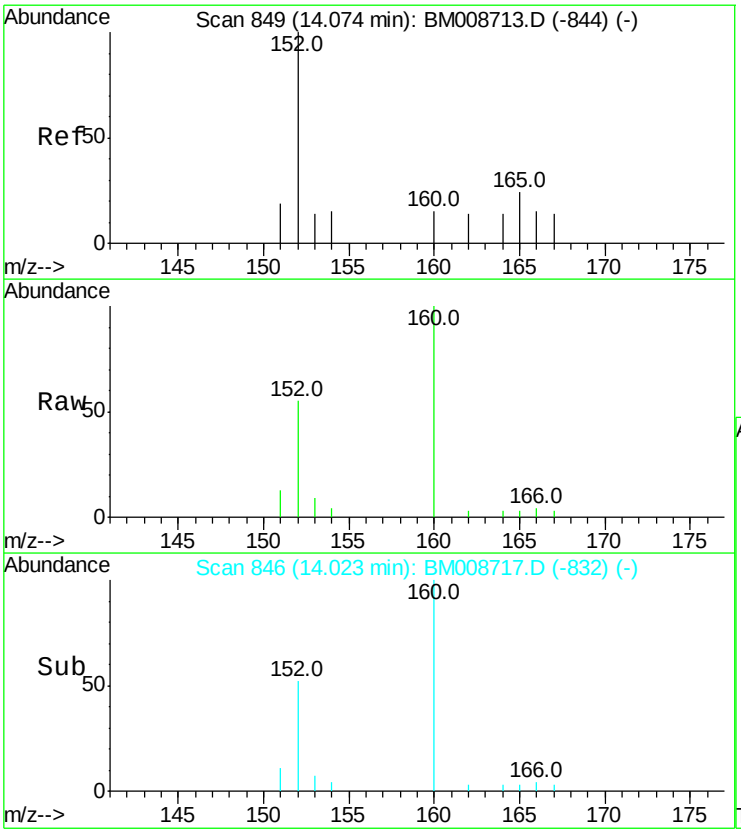
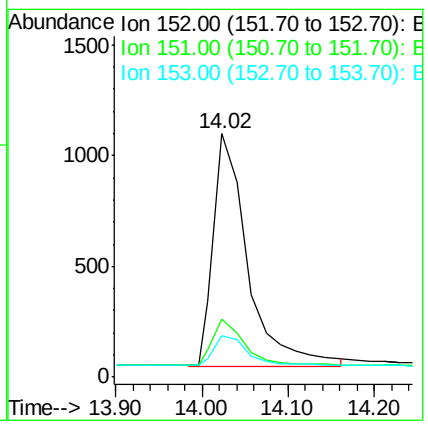
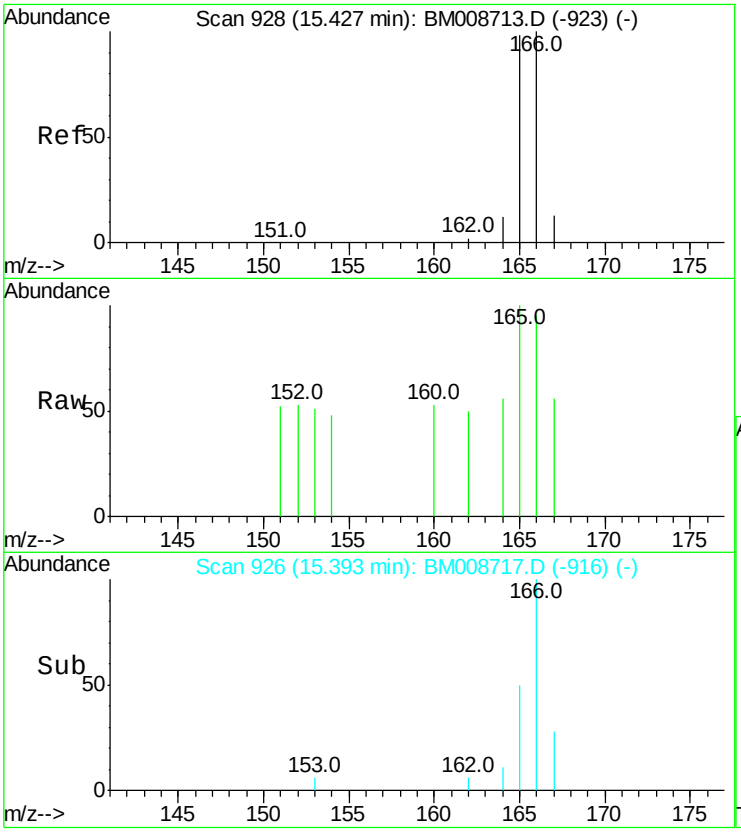


#7
Acenaphthylene
Concen: 0.91 ng/ul m
RT: 14.02 min Scan# 846
Delta R.T. -0.05 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:152 Resp: 2811

Ion	Ratio	Lower	Upper
152	100		
151	23.8	17.1	25.7
153	17.1	12.8	19.2

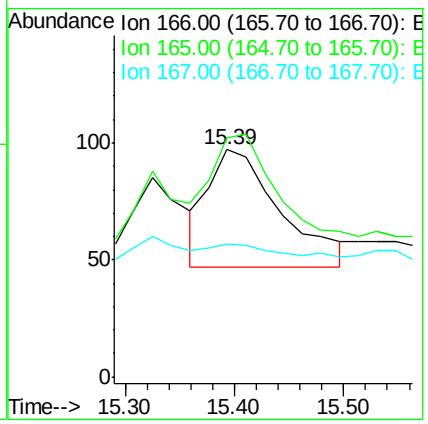




#9
Fluorene
Concen: 0.09 ng/ul m
RT: 15.39 min Scan# 926
Delta R.T. -0.03 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:166 Resp: 229

Ion	Ratio	Lower	Upper
166	100		
165	105.2	73.4	110.2
167	58.8	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
DA7G1DL

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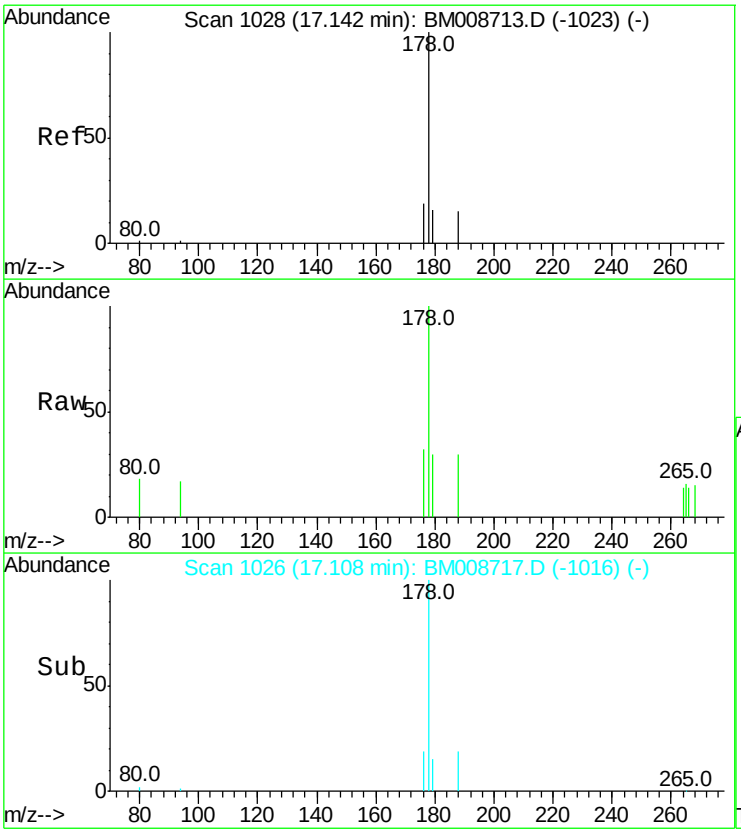
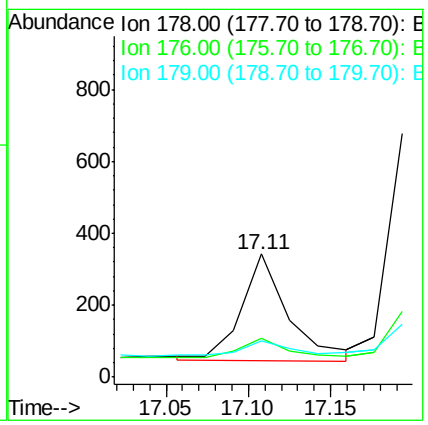
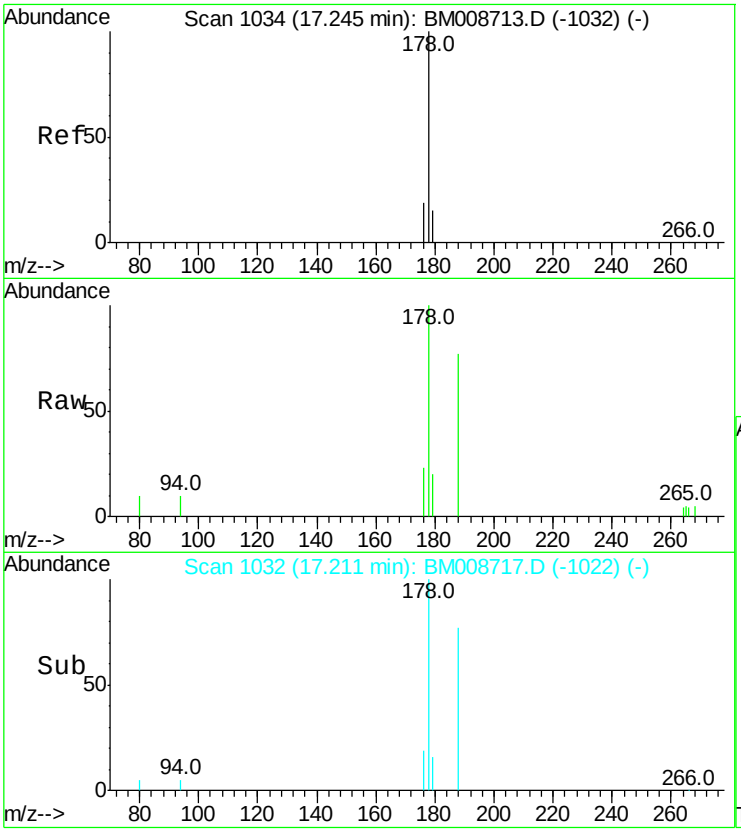


#12
Phenanthrene
Concen: 0.17 ng/ul m
RT: 17.11 min Scan# 1026
Delta R.T. -0.03 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:178 Resp: 599

Ion	Ratio	Lower	Upper
178	100		
176	32.2	18.4	27.6#
179	29.8	13.6	20.4#

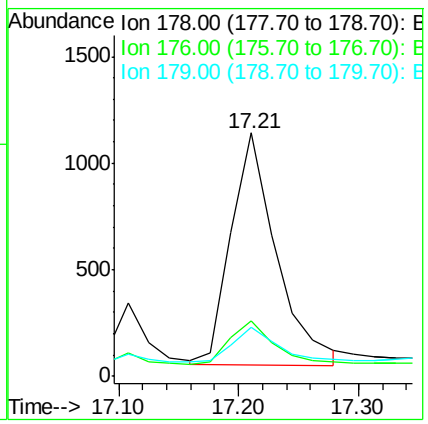




#13
Anthracene
Concen: 0.84 ng/ul m
RT: 17.21 min Scan# 1032
Delta R.T. -0.03 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:178 Resp: 2891

Ion	Ratio	Lower	Upper
178	100		
176	22.7	18.1	27.1
179	20.1	14.7	22.1



Instrument :
BNA_M
ClientSampleId :
DA7G1DL

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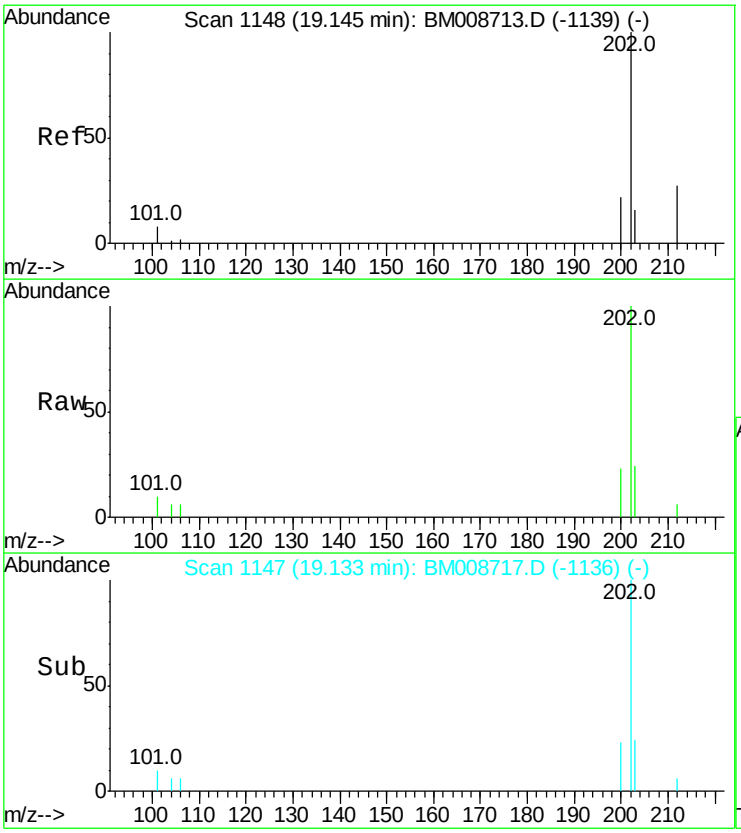
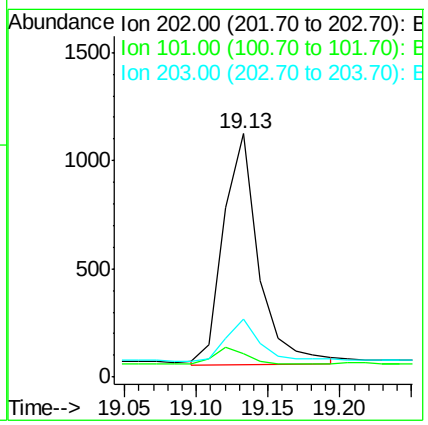
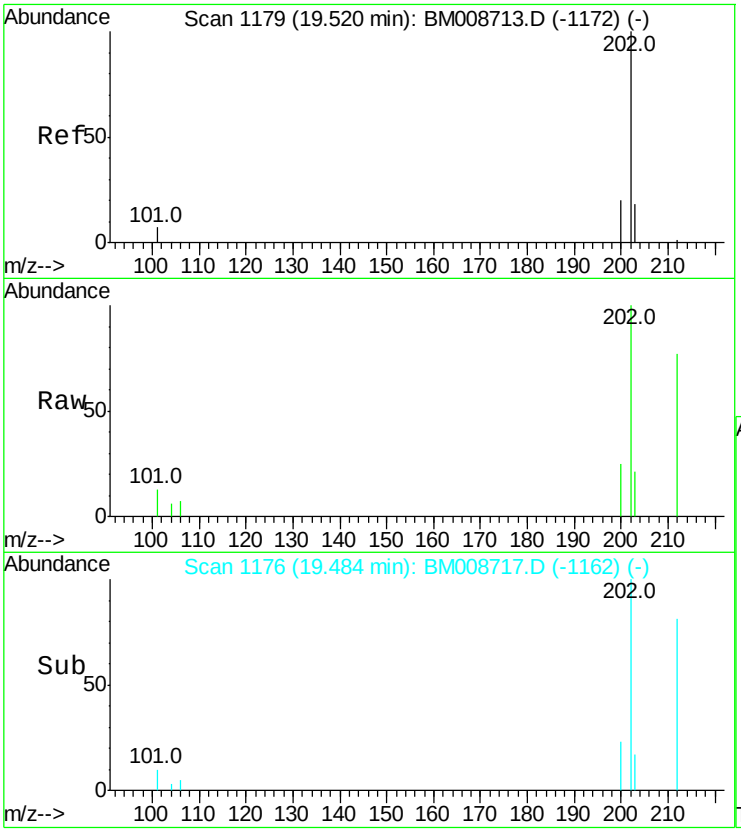


#15
Fluoranthene
Concen: 0.43 ng/ul m
RT: 19.13 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:202 Resp: 1841

Ion	Ratio	Lower	Upper
202	100		
101	9.7	0.0	30.3
203	23.8	0.0	39.5

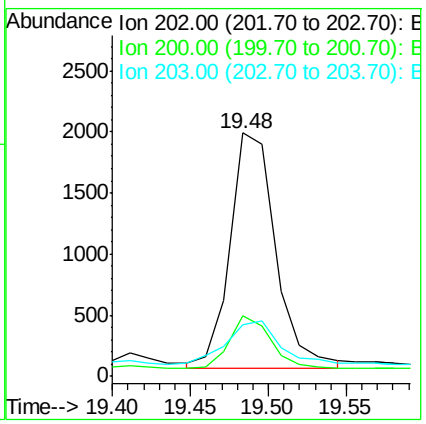




#17
Pyrene
Concen: 0.79 ng/ul m
RT: 19.48 min Scan# 1176
Delta R.T. -0.04 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:202 Resp: 3932

Ion	Ratio	Lower	Upper
202	100		
200	25.0	18.2	27.4
203	21.2	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
DA7G1DL

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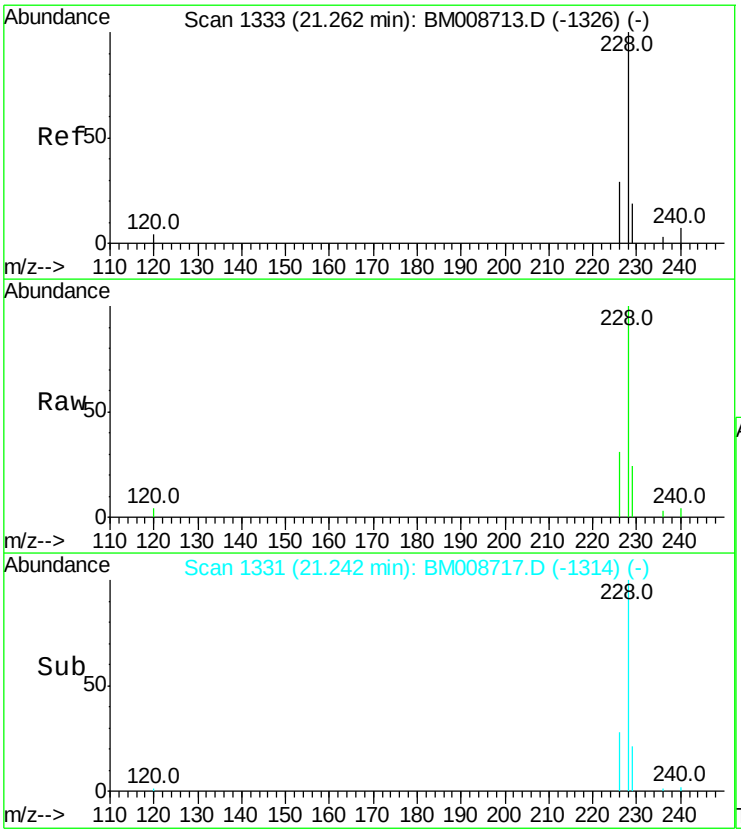
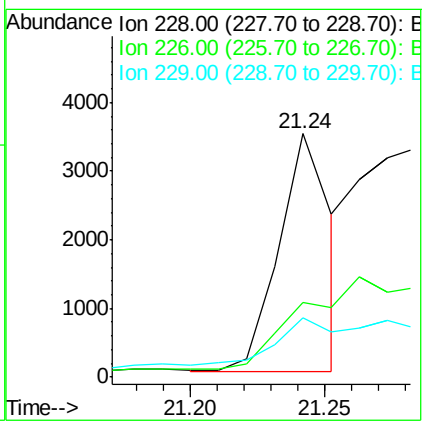
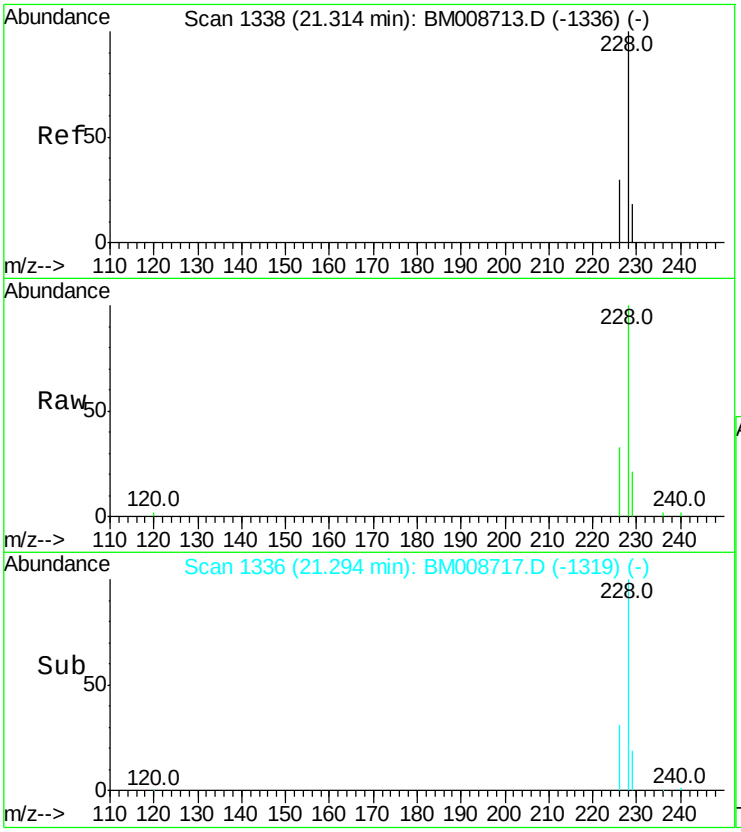


#18
Benzo(a)anthracene
Concen: 1.11 ng/ul m
RT: 21.24 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:228 Resp: 4697

Ion	Ratio	Lower	Upper
228	100		
226	30.5	22.8	34.2
229	24.4	17.0	25.6

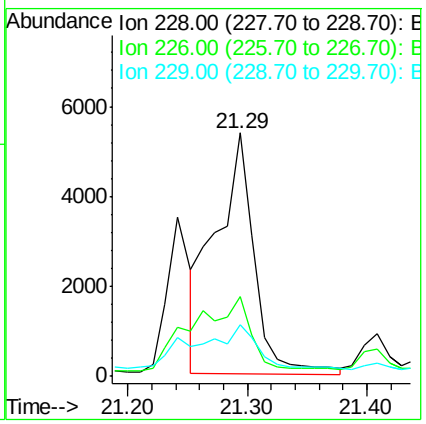




#19
Chrysene
Concen: 2.67 ng/ul m
RT: 21.29 min Scan# 1336
Delta R.T. -0.02 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:228 Resp: 12313

Ion	Ratio	Lower	Upper
228	100		
226	32.7	23.4	35.0
229	21.3	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Manual Integrations APPROVED
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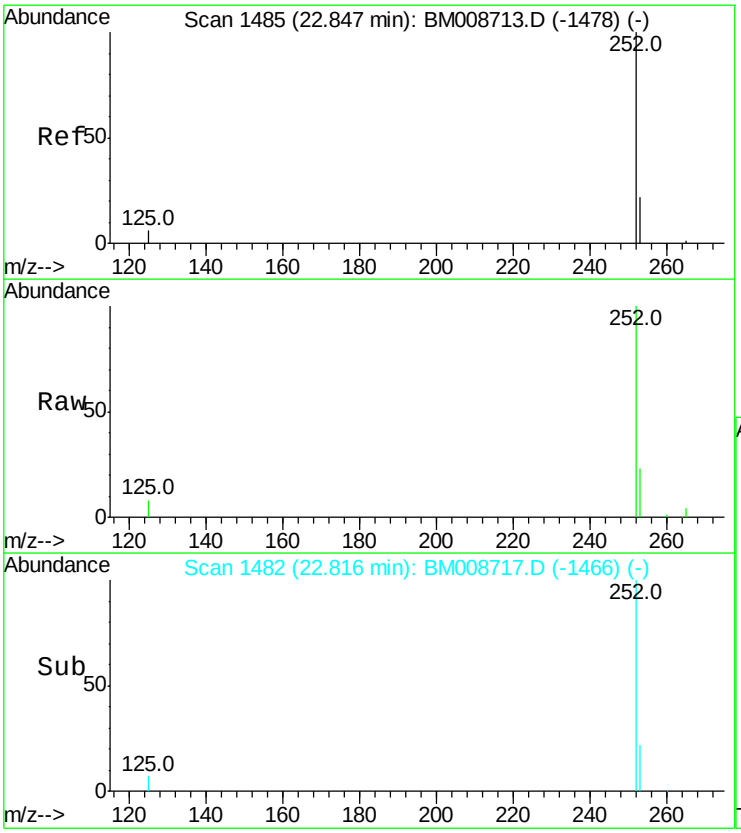
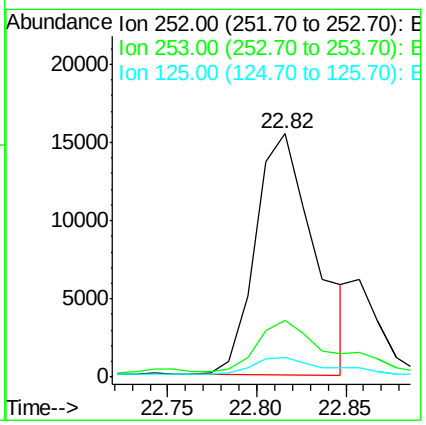
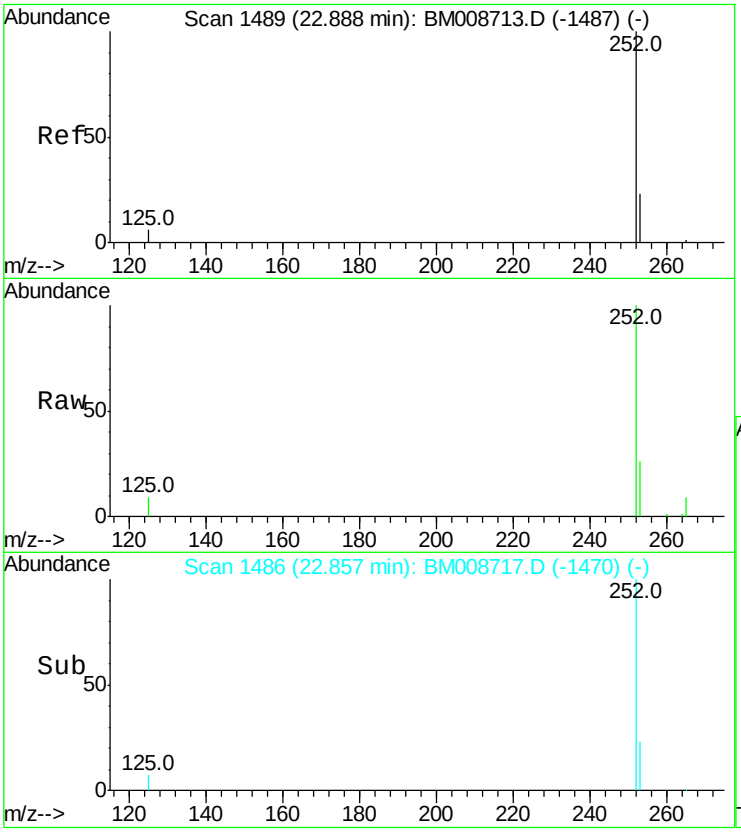


#21
Benzo(b)fluoranthene
Concen: 7.22 ng/ul m
RT: 22.82 min Scan# 1482
Delta R.T. -0.03 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:252 Resp: 35981

Ion	Ratio	Lower	Upper
252	100		
253	23.4	0.0	64.2
125	8.2	0.0	35.0





#22
Benzo(k)fluoranthene
Concen: 1.47 ng/ul m
RT: 22.86 min Scan# 1486
Delta R.T. -0.03 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:252 Resp: 7140

Ion	Ratio	Lower	Upper
252	100		
253	25.8	24.5	36.7
125	9.0	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Manual Integrations APPROVED
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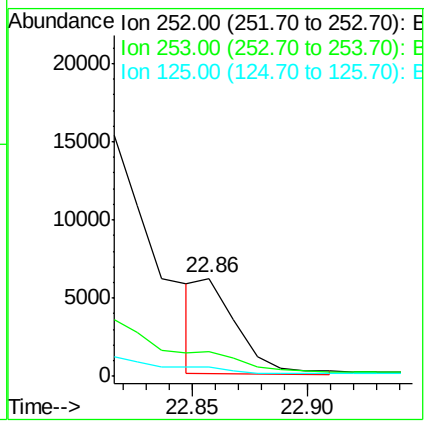
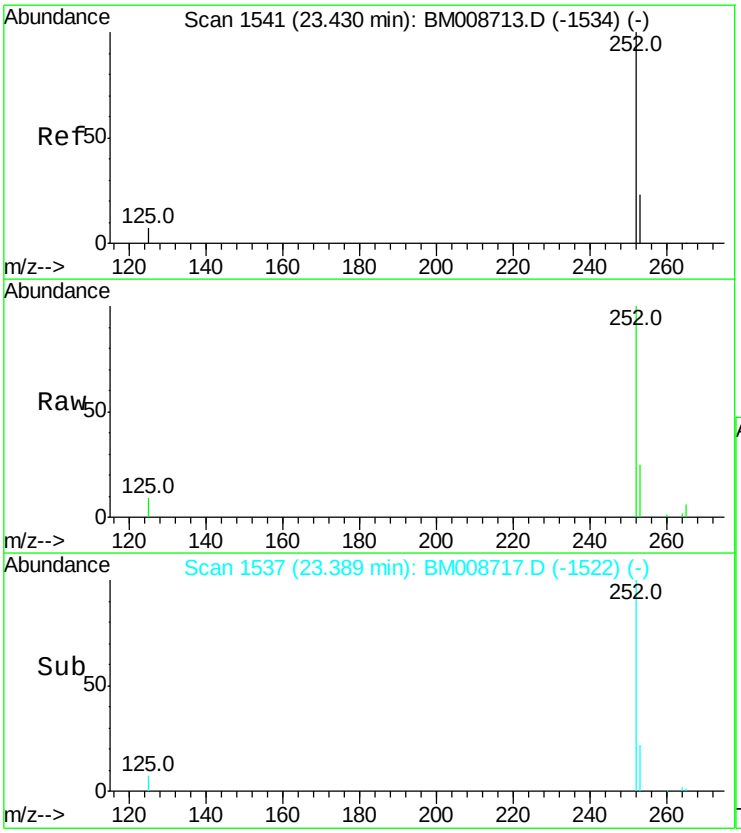
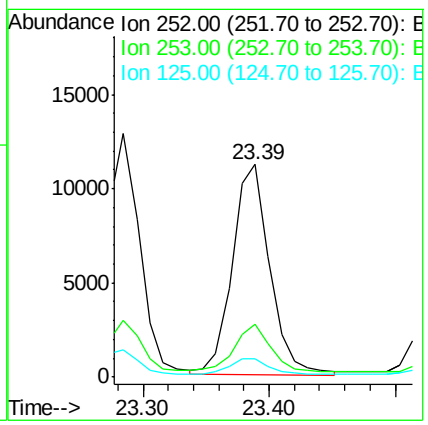


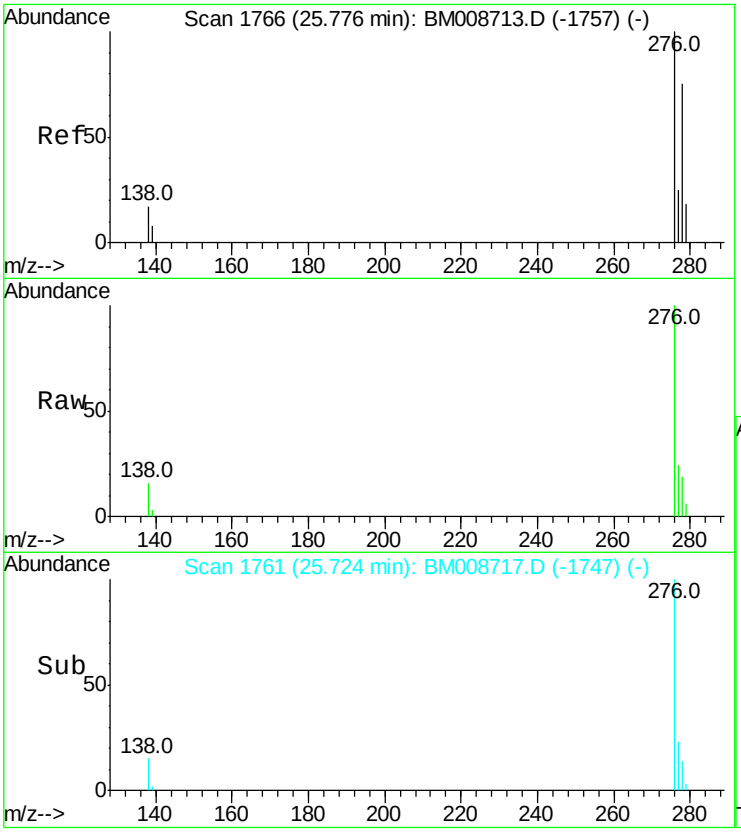


#23
Benzo(a)pyrene
Concen: 5.04 ng/ul m
RT: 23.39 min Scan# 1537
Delta R.T. -0.04 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:252 Resp: 23286

Ion	Ratio	Lower	Upper
252	100		
253	24.7	28.5	42.7#
125	8.6	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 4.31 ng/ul m
RT: 25.72 min Scan# 1761
Delta R.T. -0.05 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:276 Resp: 23733

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	0.0	19.6	29.4#

Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Manual Integrations APPROVED
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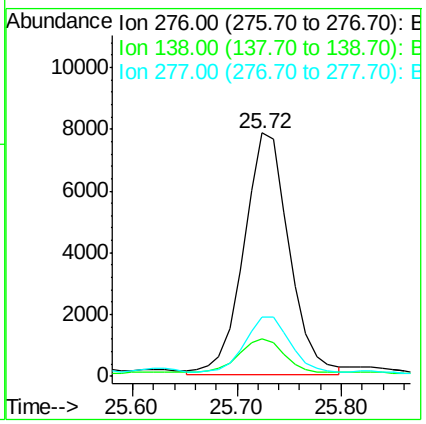
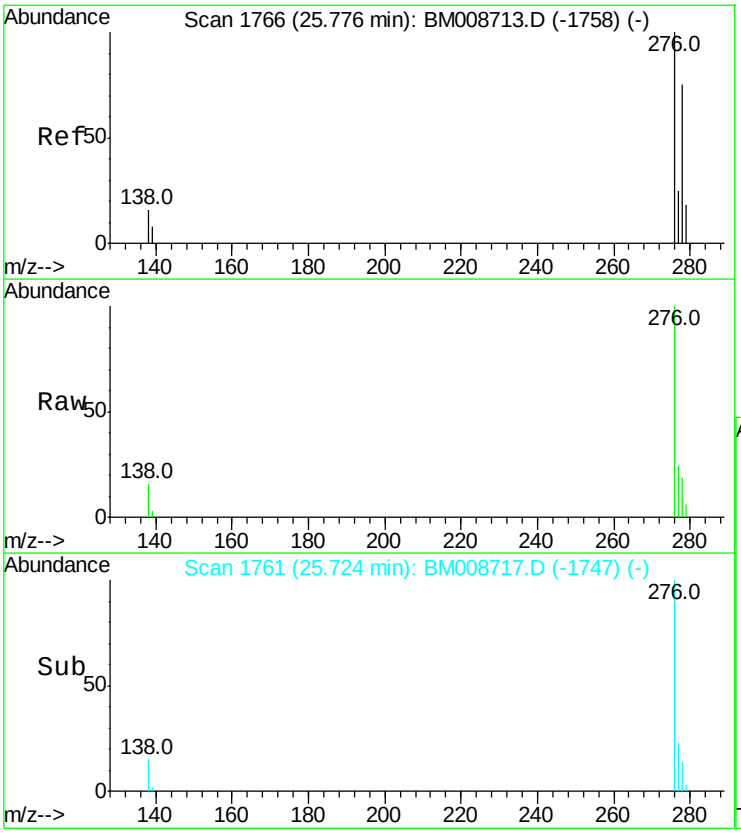
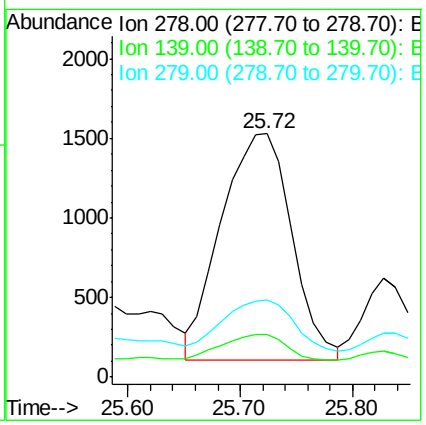


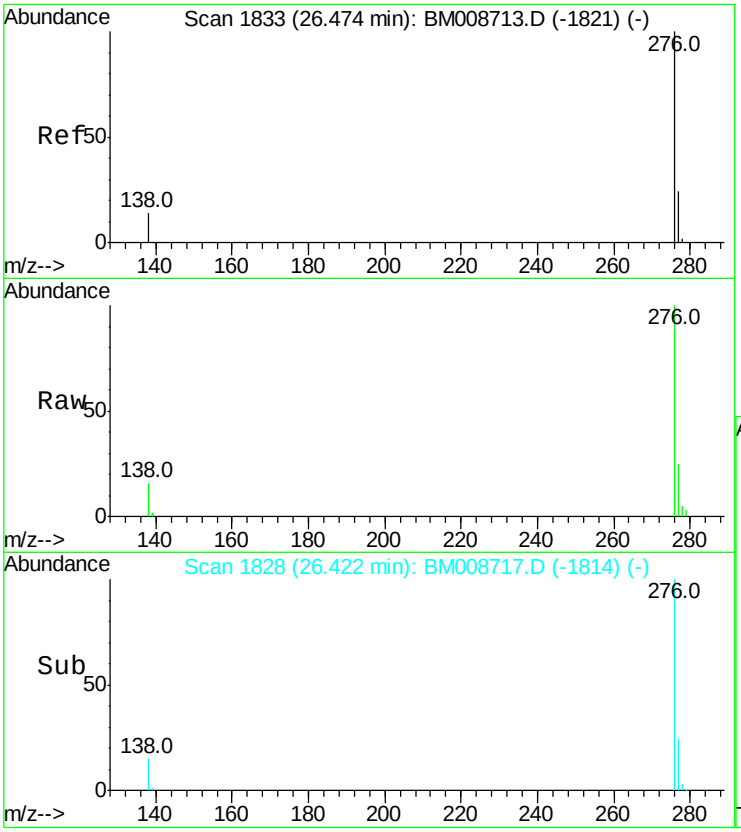


#25
Dibenzo(a,h)anthracene
Concen: 1.41 ng/ul m
RT: 25.72 min Scan# 1761
Delta R.T. -0.05 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:278 Resp: 6215

Ion	Ratio	Lower	Upper
278	100		
139	17.6	17.4	26.0
279	31.6	25.9	38.9

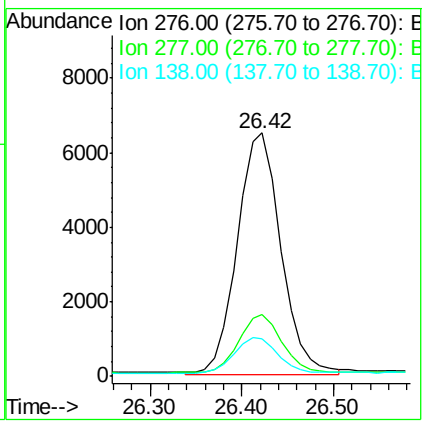




#26
Benzo(g,h,i)perylene
Concen: 4.53 ng/ul m
RT: 26.42 min Scan# 1828
Delta R.T. -0.05 min
Lab File: BM008717.D
Acq: 29 Dec 2016 13:03

Tgt Ion:276 Resp: 21389

Ion	Ratio	Lower	Upper
276	100		
277	25.2	21.8	32.8
138	15.6	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
DA7G1DL

Manual Integrations APPROVED
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12/30/2016 8:42:40 AM