Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
Data File : BM008658.D
Acq On : 25 Dec 2016 06:38
Operator : UM/SJ
Sample : H6040-02DL 10X
Misc :
ALS Vial : 73 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA8T7DL

Manual Integrations APPROVED
sohil
12/26/2016 6:28:23 PM

Quant Time: Dec 26 15:45:13 2016
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 26 00:55:42 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	379	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.44	136	1186	0.40	ng/ul	-0.04
6) Acenaphthene-d10	14.28	164	701	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1925m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1329	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	1454	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	44	0.02	ng/ul	-0.05
14) Fluoranthene-d10	19.08	212	280m	0.05	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.49	128	785	0.24	ng/ul#	74
5) 2-Methylnaphthalene	12.10	142	1333	0.59	ng/ul	99
7) Acenaphthylene	14.01	152	289	0.09	ng/ul#	38
8) Acenaphthene	14.35	153	252	0.11	ng/ul#	88
9) Fluorene	15.34	166	611	0.22	ng/ul#	63
12) Phenanthrene	17.07	178	2518m	0.43	ng/ul	
13) Anthracene	17.18	178	692m	0.12	ng/ul	
15) Fluoranthene	19.11	202	1552	0.22	ng/ul	80
17) Pyrene	19.48	202	2611	0.51	ng/ul#	90
18) Benzo(a)anthracene	21.23	228	945	0.22	ng/ul#	58
19) Chrysene	21.28	228	1107	0.23	ng/ul#	62
21) Benzo(b)fluoranthene	22.82	252	2375m	0.41	ng/ul	
22) Benzo(k)fluoranthene	22.84	252	795m	0.14	ng/ul	
23) Benzo(a)pyrene	23.38	252	1297	0.24	ng/ul#	82
24) Indeno(1,2,3-cd)pyrene	25.72	276	1278	0.20	ng/ul	94
25) Dibenzo(a,h)anthracene	25.71	278	312	0.06	ng/ul#	1
26) Benzo(g,h,i)perylene	26.41	276	1145	0.21	ng/ul#	79

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

Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122416\
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Sample : H6040-02DL 10X
Misc :
ALS Vial : 73 Sample Multiplier: 1

Quant Time: Dec 26 15:45:13 2016
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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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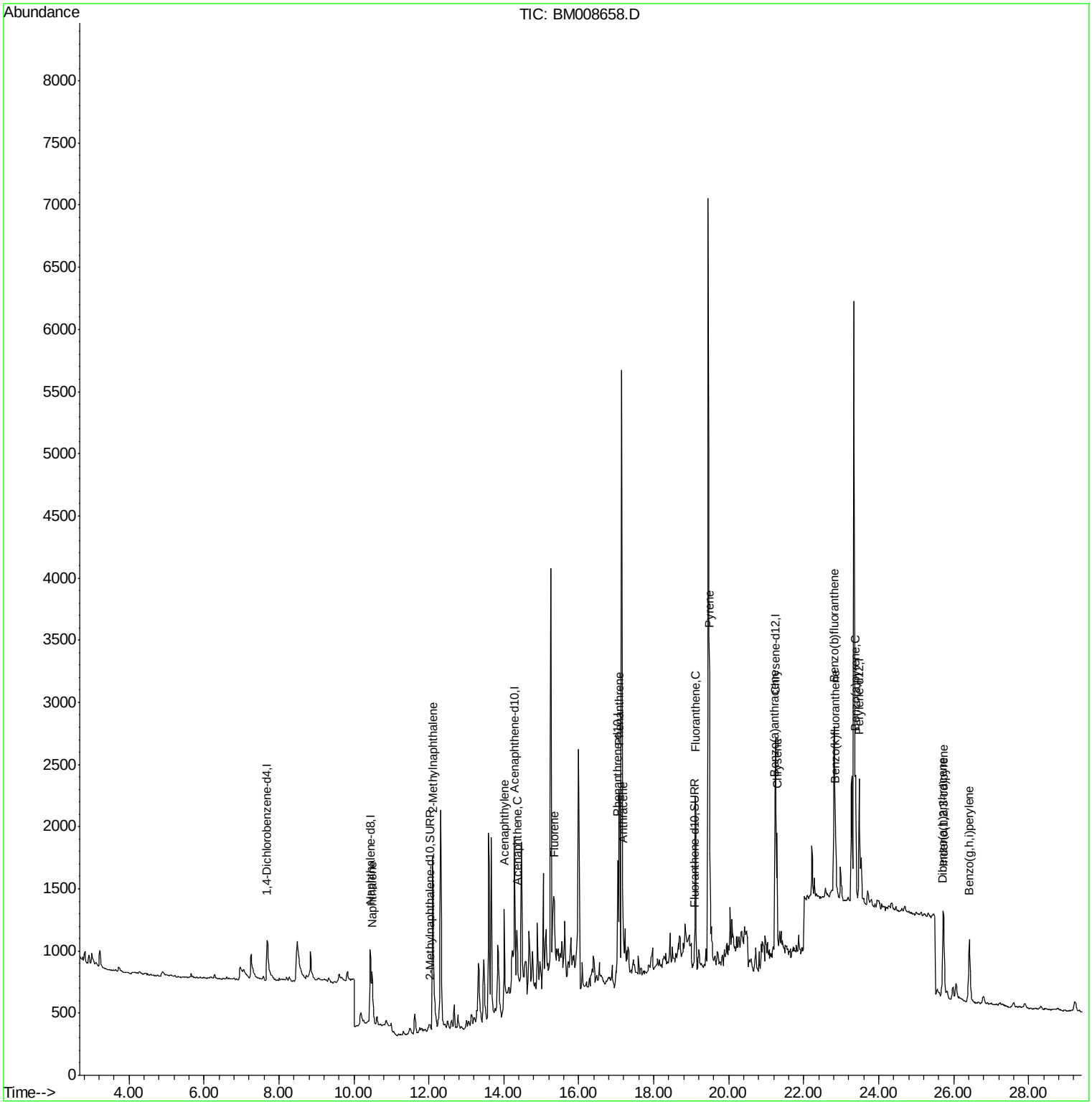
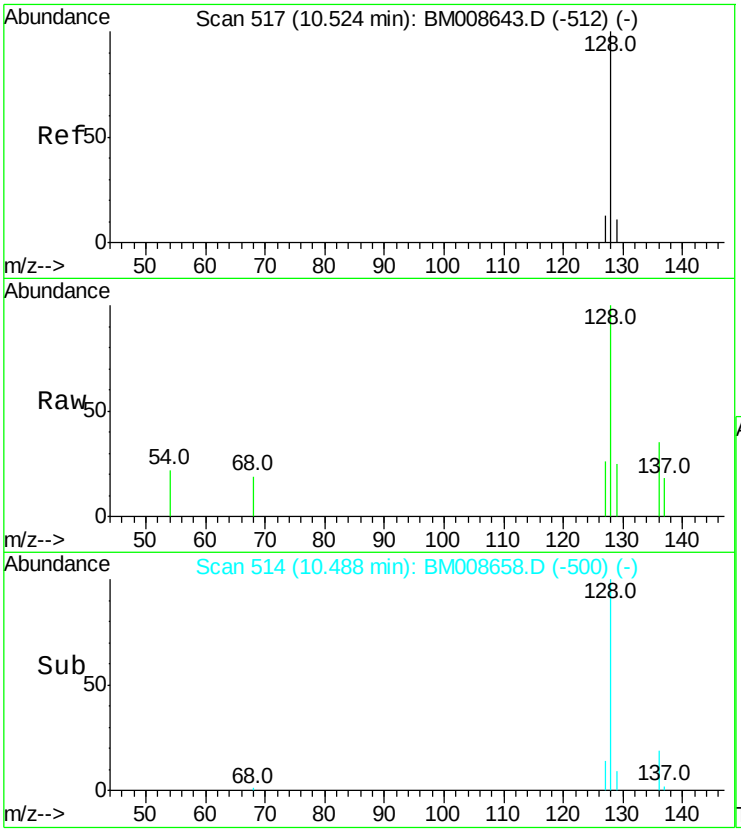
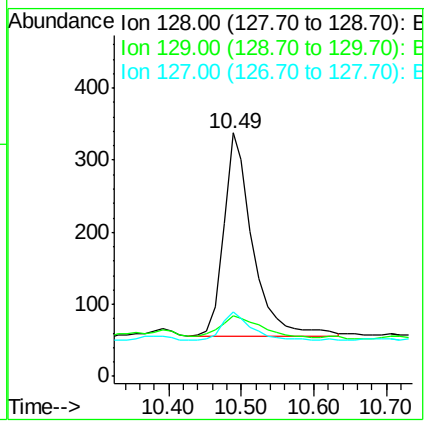




#3
Naphthalene
Concen: 0.24 ng/ul
RT: 10.49 min Scan# 514
Delta R.T. -0.04 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:128 Resp: 785

Ion	Ratio	Lower	Upper
128	100		
129	25.1	11.3	16.9#
127	26.3	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA8T7DL

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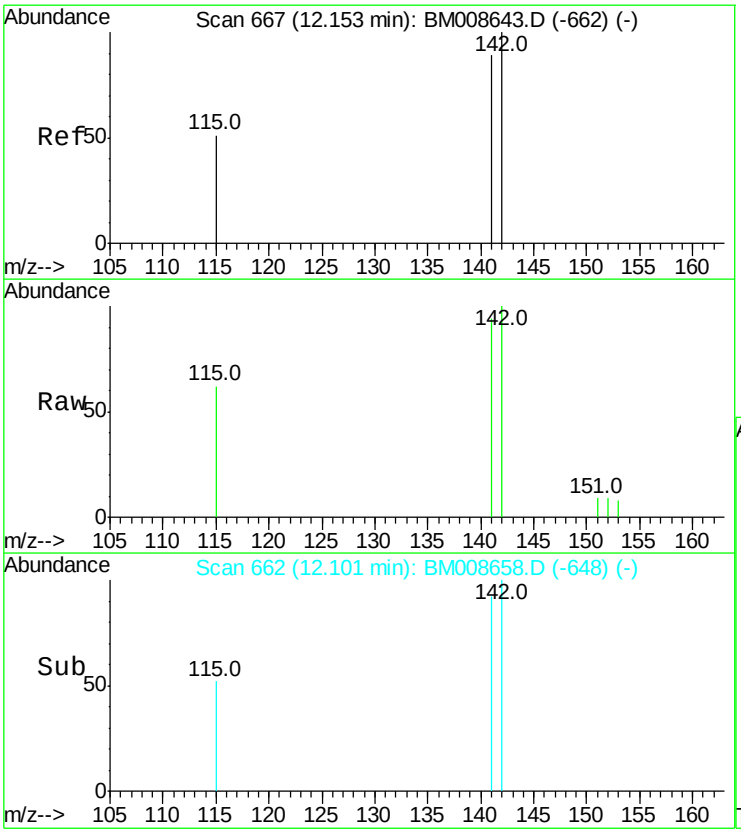
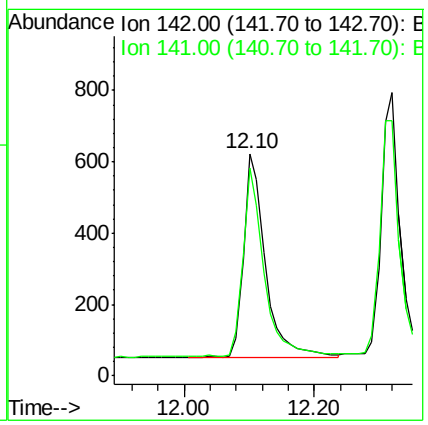
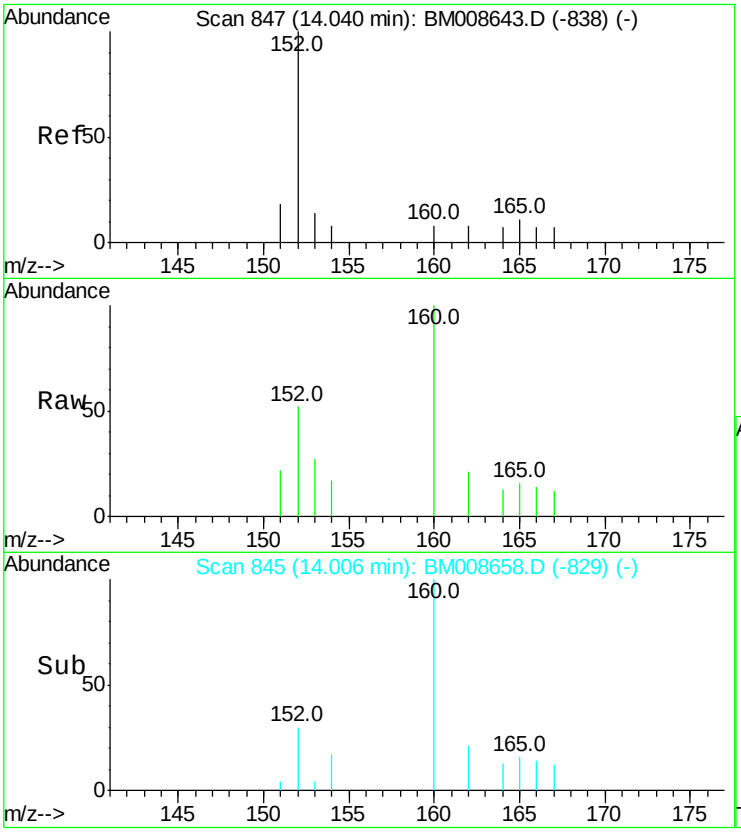


#5
2-Methylnaphthalene
Concen: 0.59 ng/ul
RT: 12.10 min Scan# 662
Delta R.T. -0.05 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:142 Resp: 1333

Ion	Ratio	Lower	Upper
142	100		
141	89.6	72.6	108.8

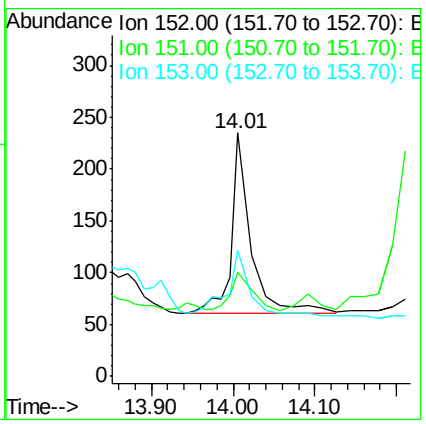




#7
Acenaphthylene
Concen: 0.09 ng/ul
RT: 14.01 min Scan# 845
Delta R.T. -0.03 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:152 Resp: 289

Ion	Ratio	Lower	Upper
152	100		
151	43.0	17.1	25.7#
153	51.9	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA8T7DL

Manual Integrations APPROVED
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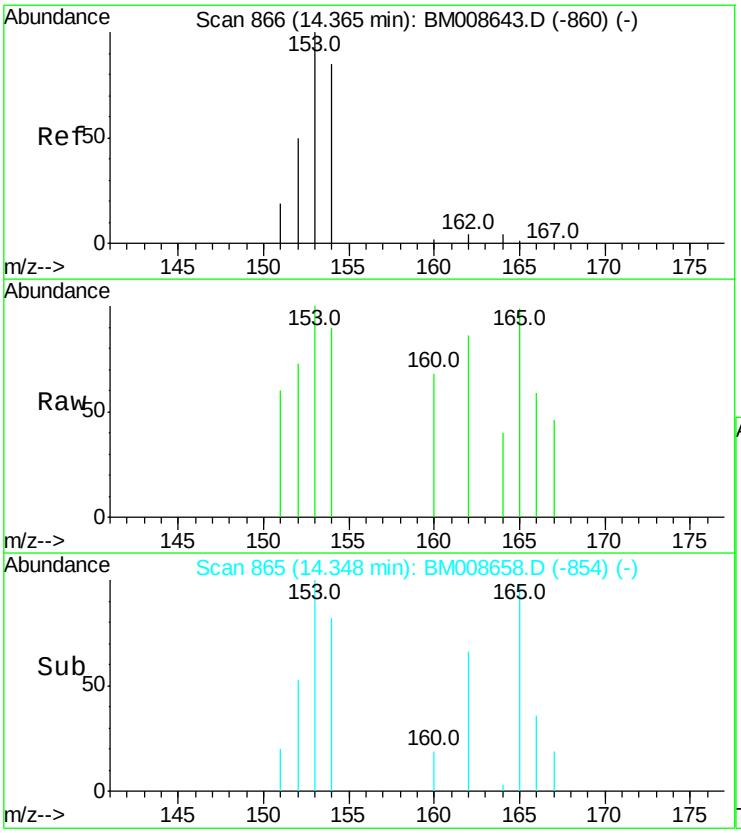
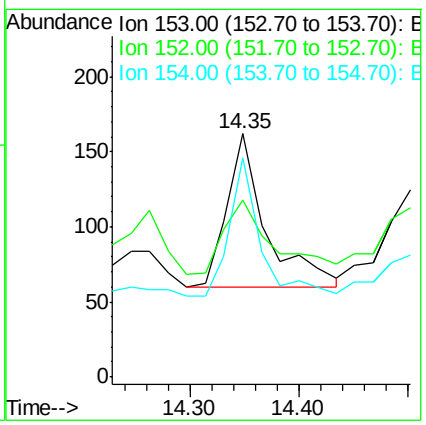
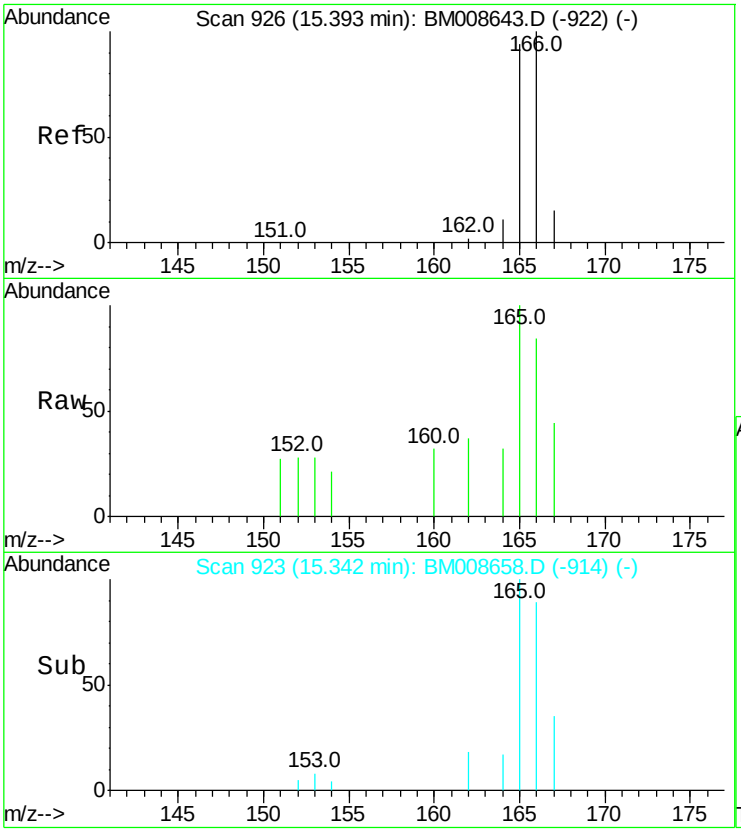


#8
Acenaphthene
Concen: 0.11 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:153 Resp: 252

Ion	Ratio	Lower	Upper
153	100		
152	72.8	40.3	60.5#
154	90.1	71.4	107.2

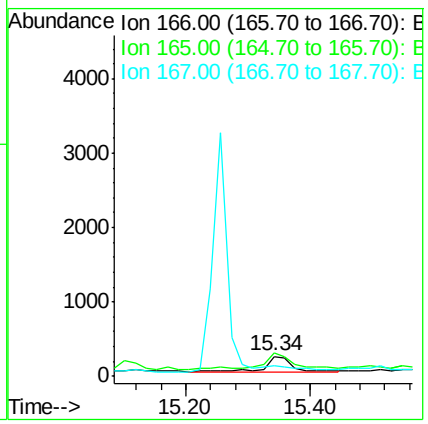




#9
Fluorene
Concen: 0.22 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.05 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:166 Resp: 611

Ion	Ratio	Lower	Upper
166	100		
165	119.3	73.4	110.2#
167	52.0	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
DA8T7DL

Manual Integrations APPROVED
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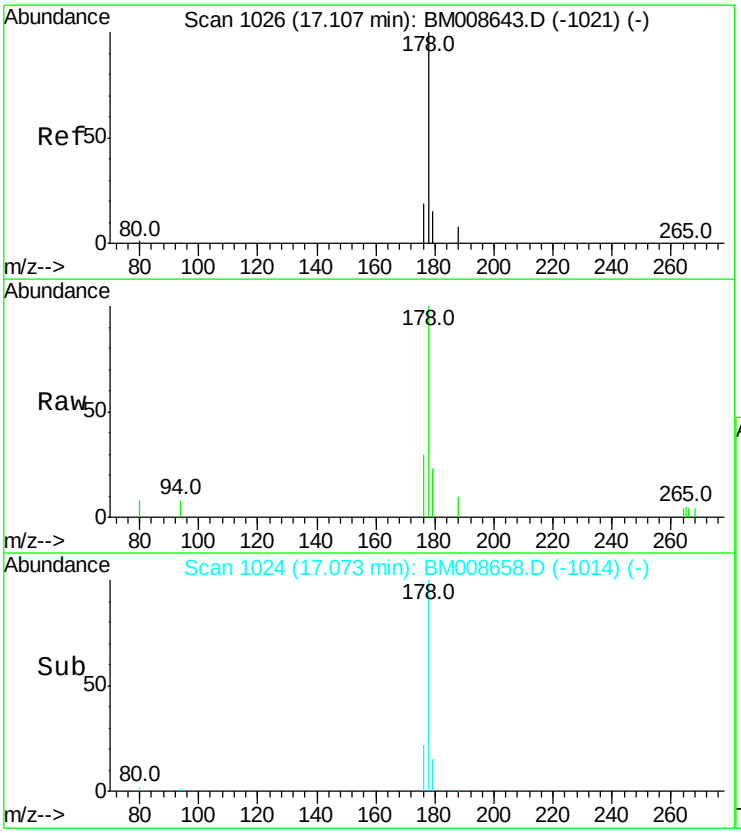
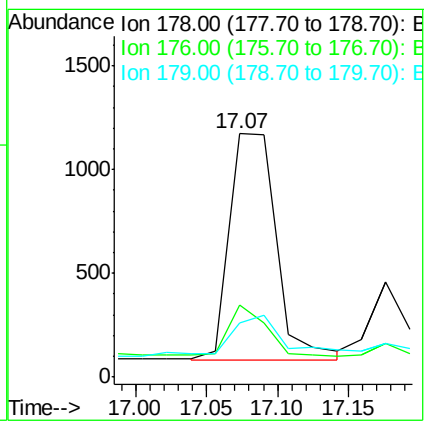
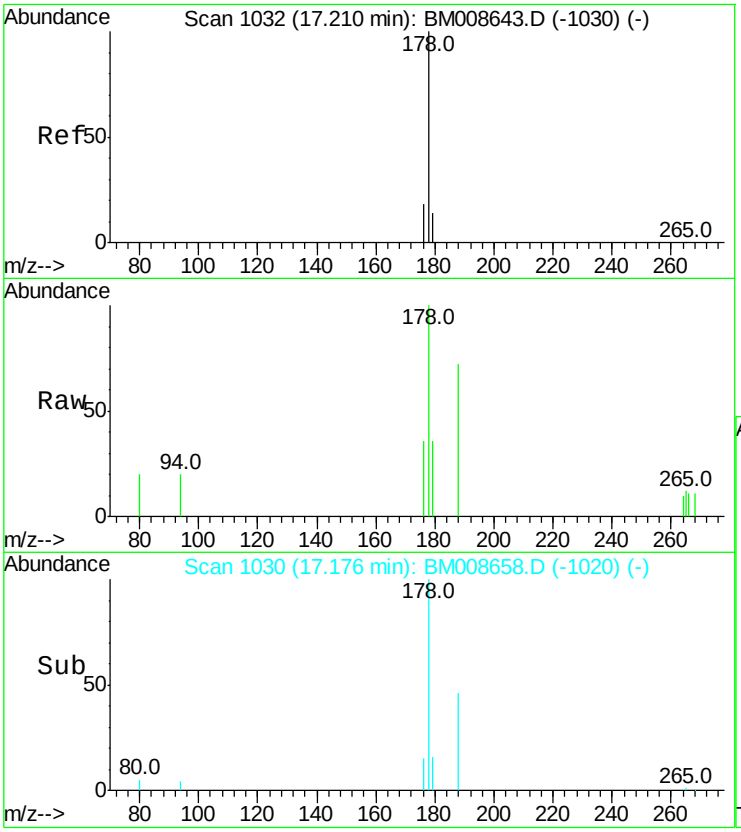


#12
Phenanthrene
Concen: 0.43 ng/ul m
RT: 17.07 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:178 Resp: 2518

Ion	Ratio	Lower	Upper
178	100		
176	29.8	18.4	27.6#
179	22.5	13.6	20.4#

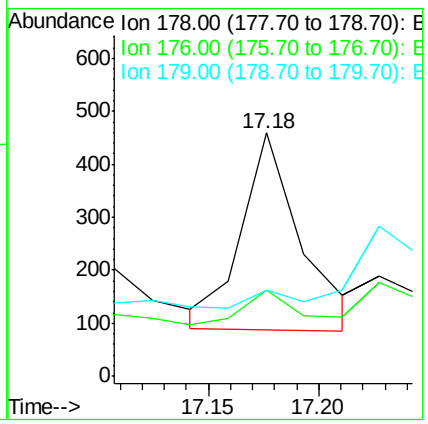




#13
Anthracene
Concen: 0.12 ng/ul m
RT: 17.18 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:178 Resp: 692

Ion	Ratio	Lower	Upper
178	100		
176	35.5	18.1	27.1#
179	35.5	14.7	22.1#



Instrument :
BNA_M
ClientSampleId :
DA8T7DL

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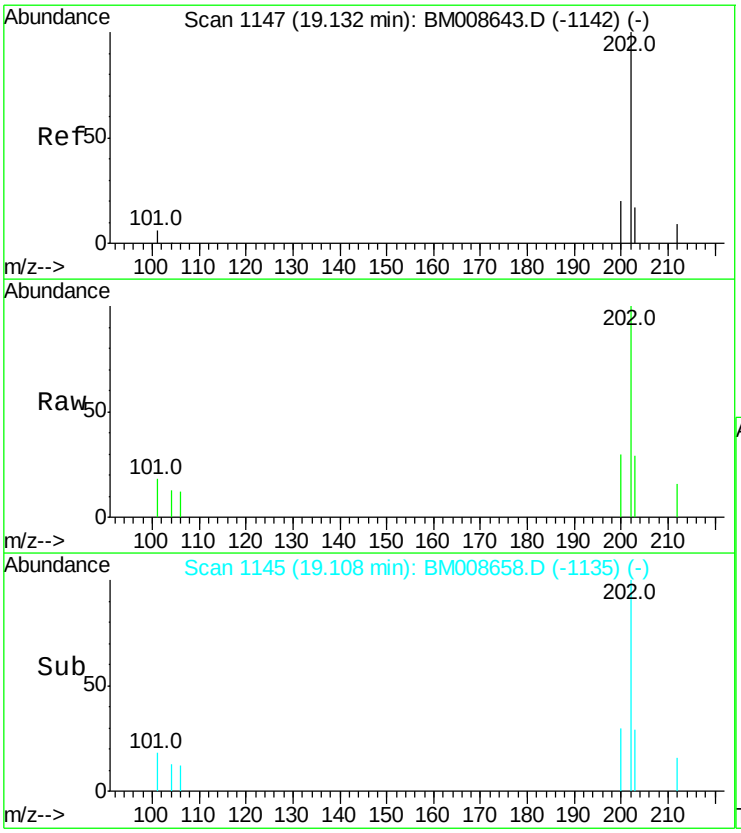
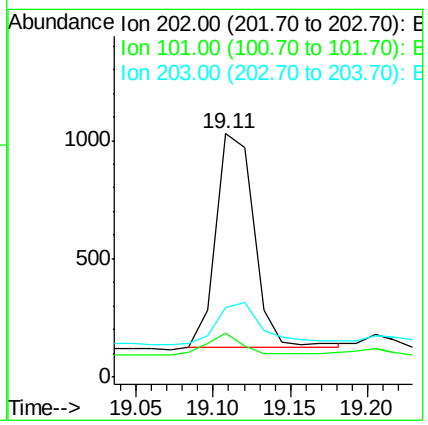
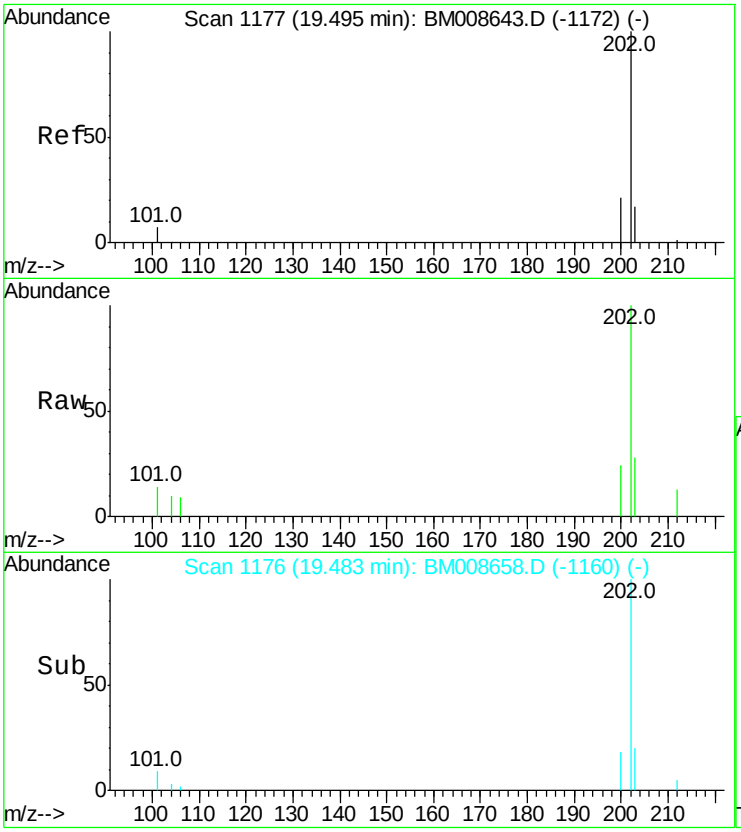


#15
Fluoranthene
Concen: 0.22 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:202 Resp: 1552

Ion	Ratio	Lower	Upper
202	100		
101	17.9	0.0	30.3
203	28.7	0.0	39.5

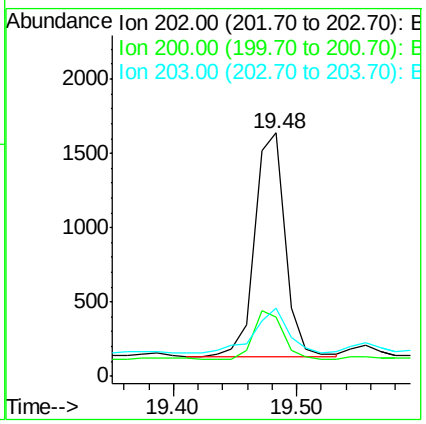




#17
Pyrene
Concen: 0.51 ng/ul
RT: 19.48 min Scan# 1176
Delta R.T. -0.01 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:202 Resp: 2611

Ion	Ratio	Lower	Upper
202	100		
200	24.1	18.2	27.4
203	27.8	15.6	23.4#



Instrument :
BNA_M
ClientSampleId :
DA8T7DL

Manual Integrations APPROVED
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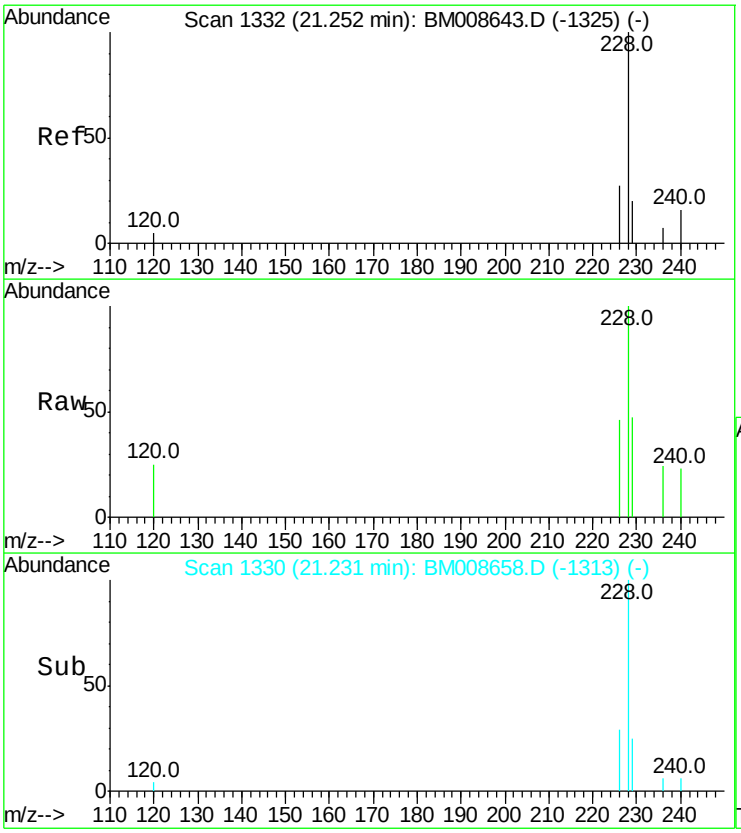
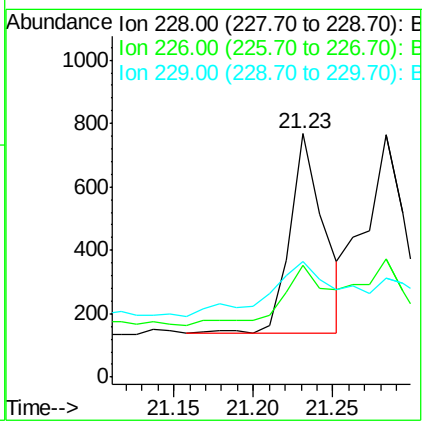
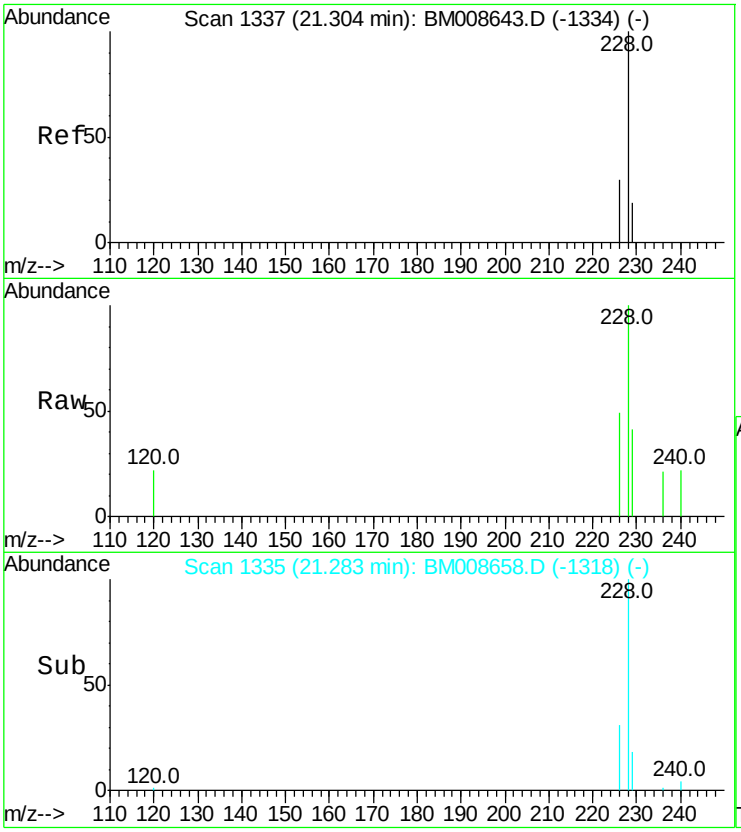


#18
Benzo(a)anthracene
Concen: 0.22 ng/ul
RT: 21.23 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:228 Resp: 945

Ion	Ratio	Lower	Upper
228	100		
226	46.0	22.8	34.2#
229	47.3	17.0	25.6#





#19
Chrysene
Concen: 0.23 ng/ul
RT: 21.28 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:228 Resp: 1107

Ion	Ratio	Lower	Upper
228	100		
226	48.6	23.4	35.0#
229	41.1	17.7	26.5#

Instrument :
BNA_M
ClientSampleId :
DA8T7DL

Manual Integrations APPROVED
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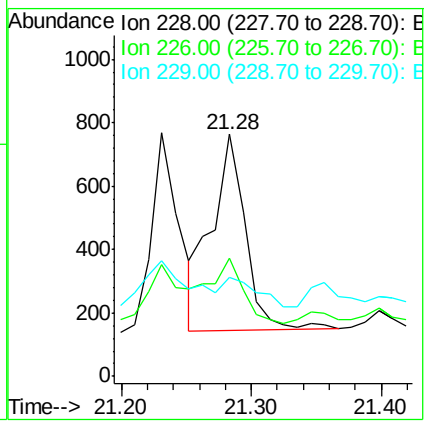
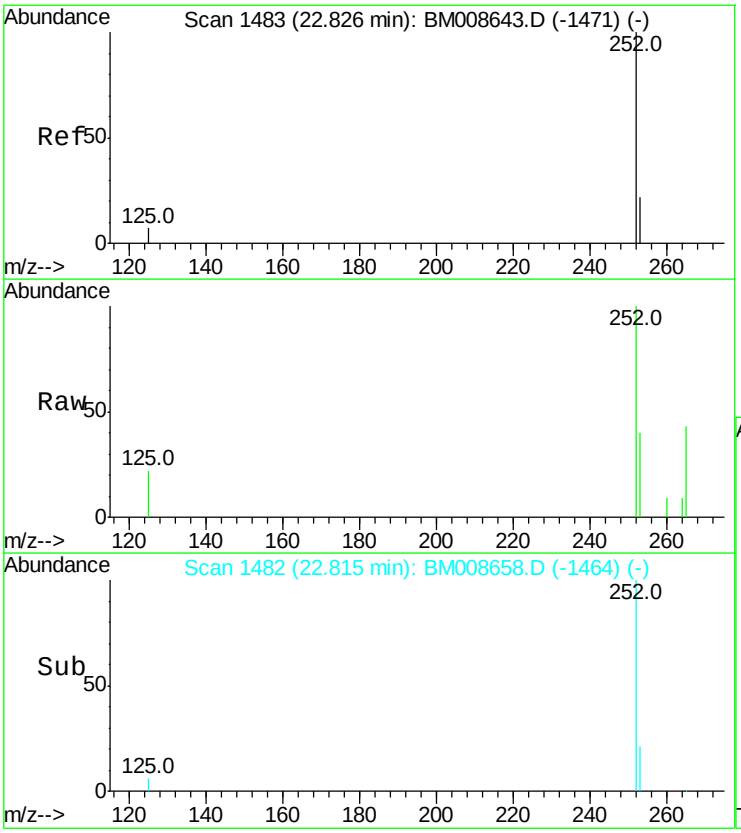
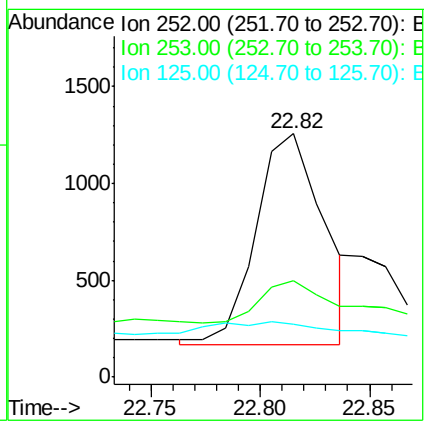


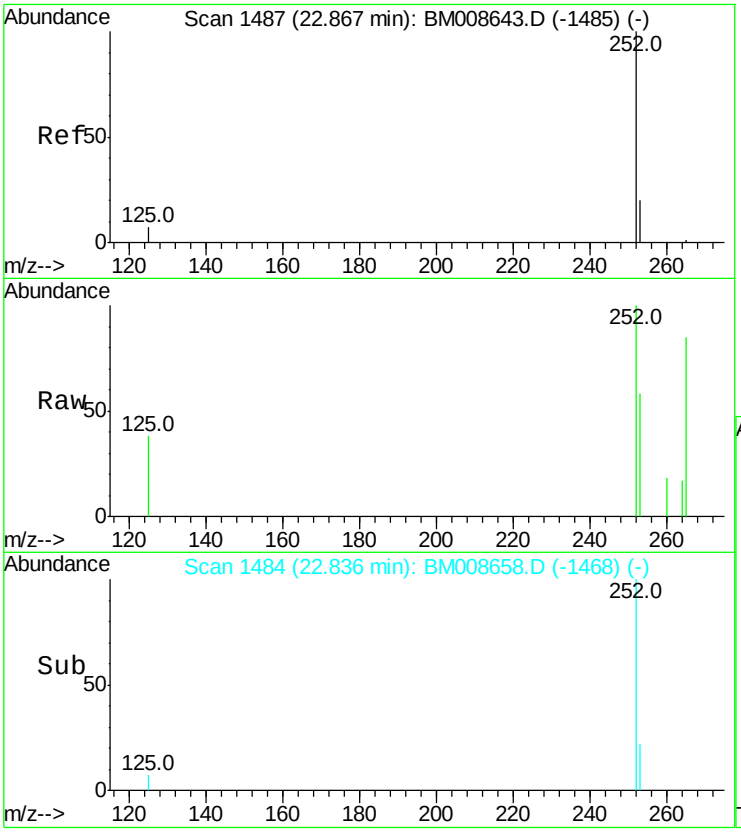


#21
Benzo(b)fluoranthene
Concen: 0.41 ng/ul m
RT: 22.82 min Scan# 1482
Delta R.T. -0.01 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:252 Resp: 2375

Ion	Ratio	Lower	Upper
252	100		
253	39.7	0.0	64.2
125	21.8	0.0	35.0

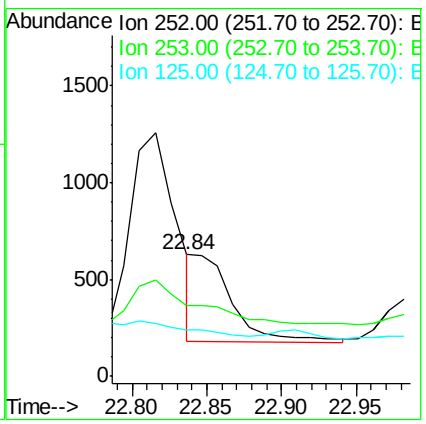




#22
Benzo(k)fluoranthene
Concen: 0.14 ng/ul m
RT: 22.84 min Scan# 1484
Delta R.T. -0.03 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:252 Resp: 795

Ion	Ratio	Lower	Upper
252	100		
253	58.3	24.5	36.7#
125	37.7	13.7	20.5#



Instrument :
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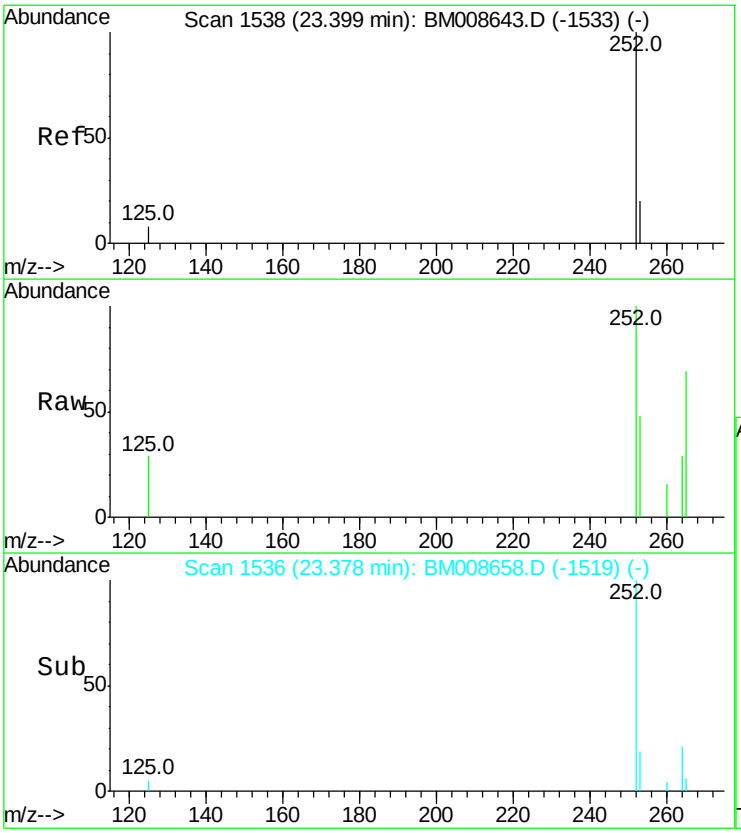
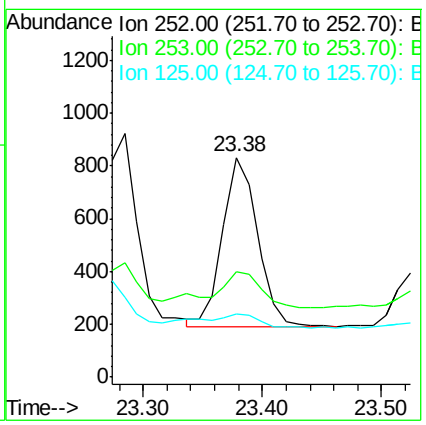
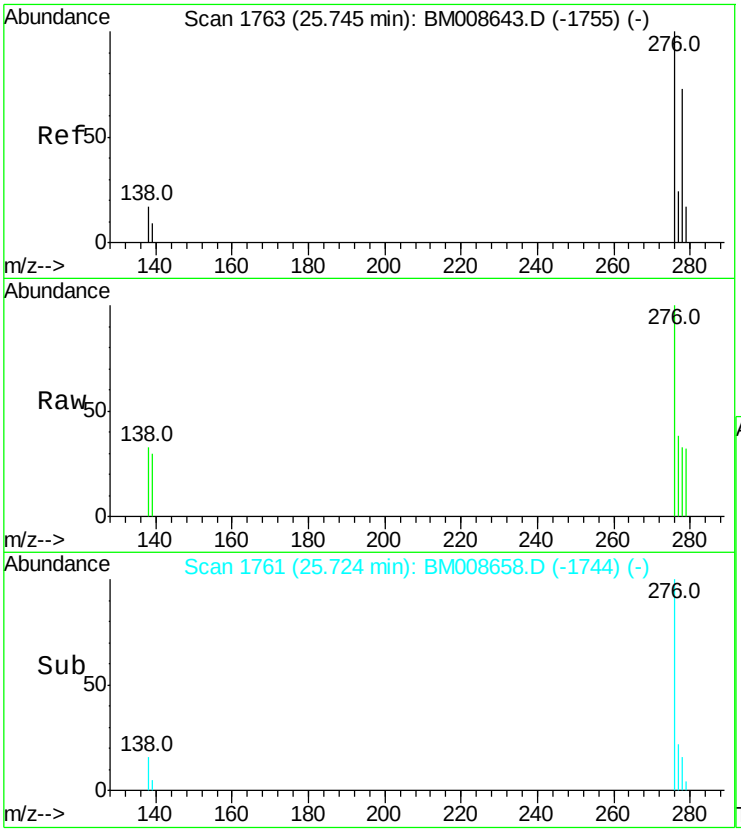


#23
Benzo(a)pyrene
Concen: 0.24 ng/ul
RT: 23.38 min Scan# 1536
Delta R.T. -0.02 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:252 Resp: 1297

Ion	Ratio	Lower	Upper
252	100		
253	48.1	28.5	42.7#
125	28.8	18.1	27.1#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.20 ng/ul
RT: 25.72 min Scan# 1761
Delta R.T. -0.02 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:276 Resp: 1278

Ion	Ratio	Lower	Upper
276	100		
138	19.8	19.1	28.7
277	26.6	19.6	29.4

Instrument :
BNA_M
ClientSampleId :
DA8T7DL

Manual Integrations APPROVED
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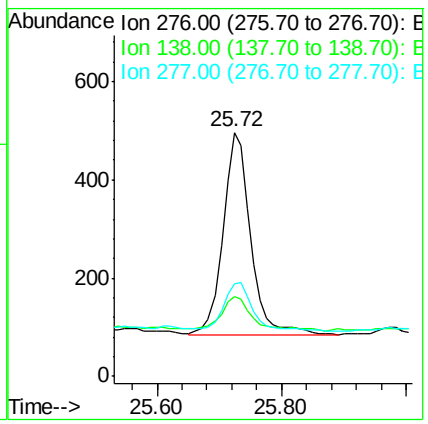
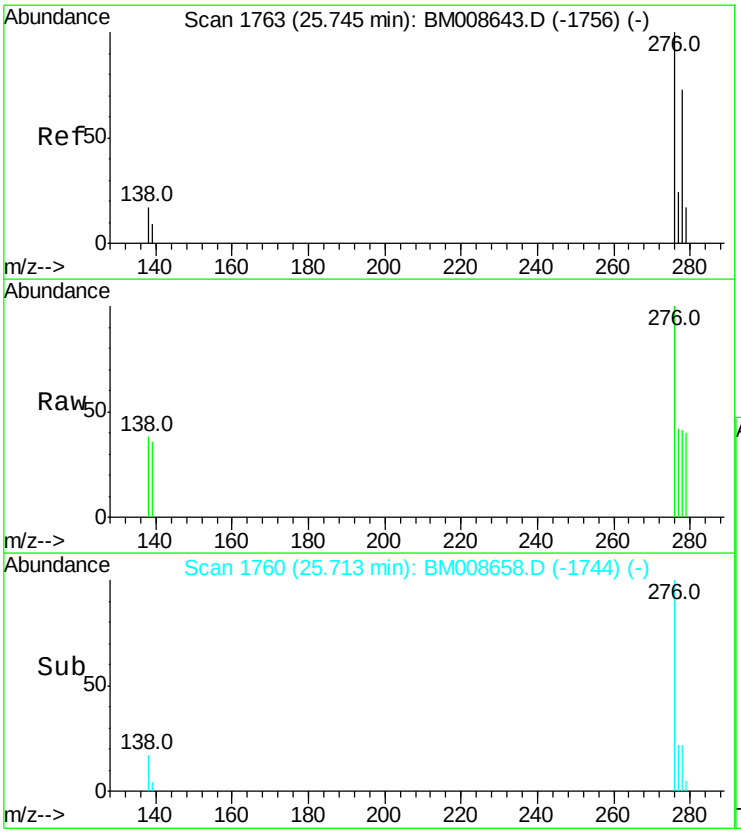
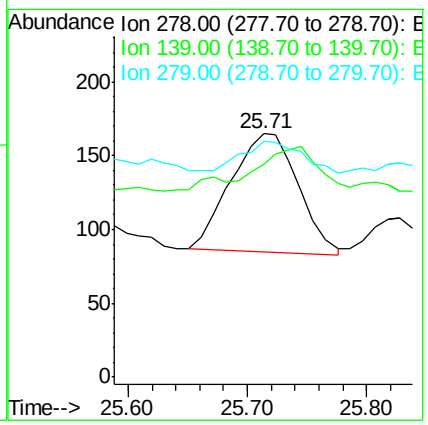


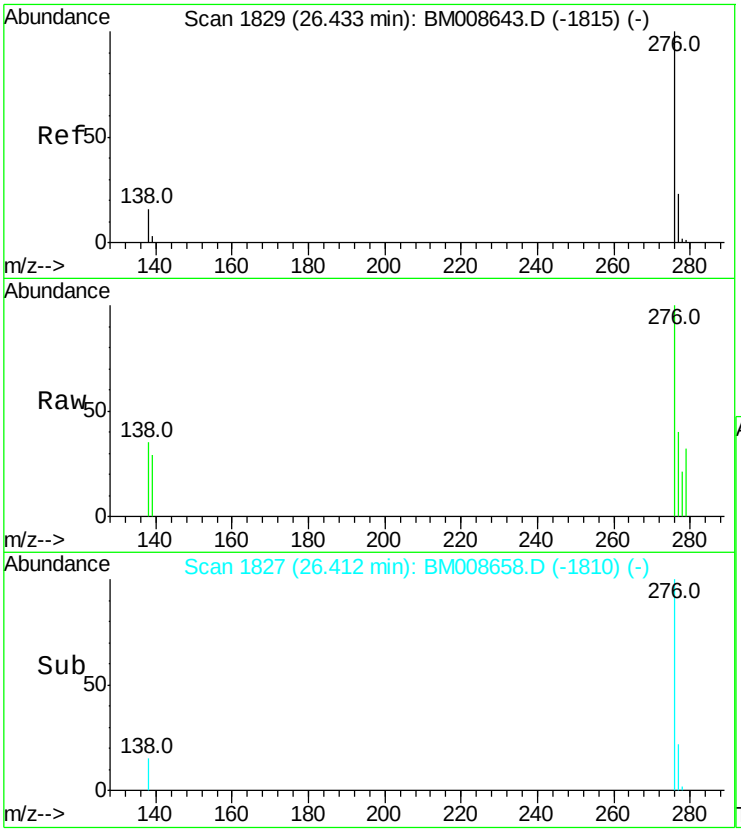


#25
Dibenzo(a,h)anthracene
Concen: 0.06 ng/ul
RT: 25.71 min Scan# 1760
Delta R.T. -0.03 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:278 Resp: 312

Ion	Ratio	Lower	Upper
278	100		
139	87.3	17.4	26.0#
279	97.0	25.9	38.9#

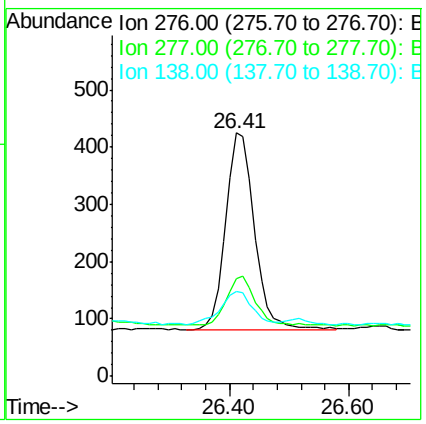




#26
Benzo(g,h,i)perylene
Concen: 0.21 ng/ul
RT: 26.41 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BM008658.D
Acq: 25 Dec 2016 06:38

Tgt Ion:276 Resp: 1145

Ion	Ratio	Lower	Upper
276	100		
277	40.0	21.8	32.8#
138	34.6	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
DA8T7DL

Manual Integrations APPROVED
sohil
12/26/2016 6:28:23 PM