Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA M\DATA\BM122316\
Data File : BM008605.D
Acq On : 23 Dec 2016 20:55
Operator : UM/SJ
Sample : H6069-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7J2

Manual Integrations APPROVED
sohil
12/26/2016 4:03:28 PM

Quant Time: Dec 24 00:19:37 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 23 23:37:39 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	451	0.40	ng/ul	-0.09
2) Naphthalene-d8	10.42	136	1581	0.40	ng/ul	-0.08
6) Acenaphthene-d10	14.28	164	1084	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	2107m	0.40	ng/ul	-0.05
16) Chrysene-d12	21.26	240	1679	0.40	ng/ul	-0.02
20) Perylene-d12	23.49	264	1234m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	1093	0.45	ng/ul	-0.07
14) Fluoranthene-d10	19.09	212	2651m	0.46	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.46	128	1097	0.25	ng/ul#	86
5) 2-Methylnaphthalene	12.10	142	1153	0.39	ng/ul	100
8) Acenaphthene	14.35	153	160	0.04	ng/ul#	85
12) Phenanthrene	17.07	178	2635	0.41	ng/ul	99
15) Fluoranthene	19.11	202	2097	0.27	ng/ul	95
17) Pyrene	19.48	202	2291	0.35	ng/ul#	92
18) Benzo(a)anthracene	21.24	228	937	0.17	ng/ul#	79
19) Chrysene	21.30	228	1096	0.18	ng/ul#	81
21) Benzo(b)fluoranthene	22.81	252	1394m	0.29	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	394m	0.08	ng/ul	
23) Benzo(a)pyrene	23.37	252	751m	0.17	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	585m	0.11	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	599m	0.13	ng/ul	

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

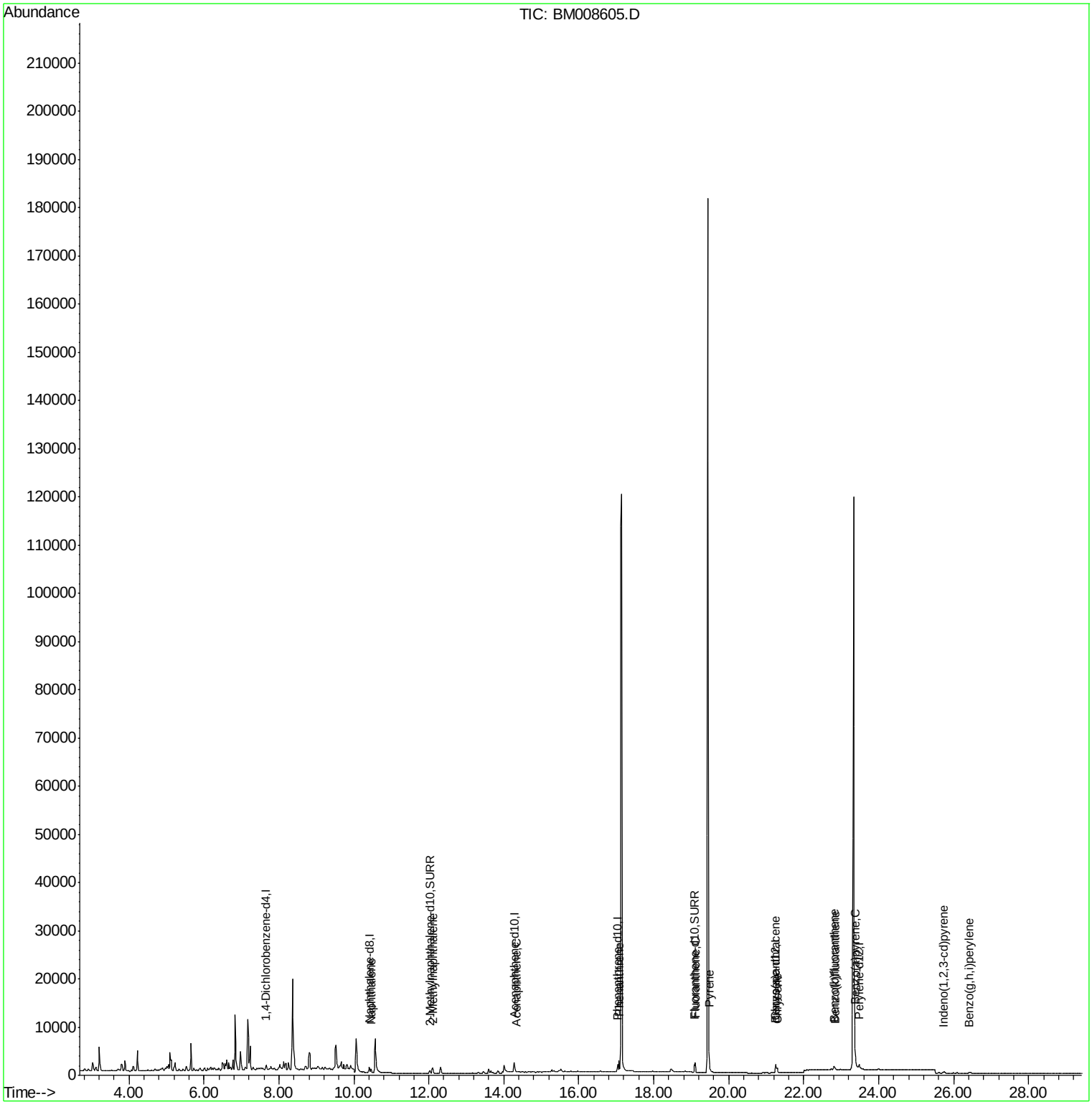
Quantitation Report (QT Reviewed)

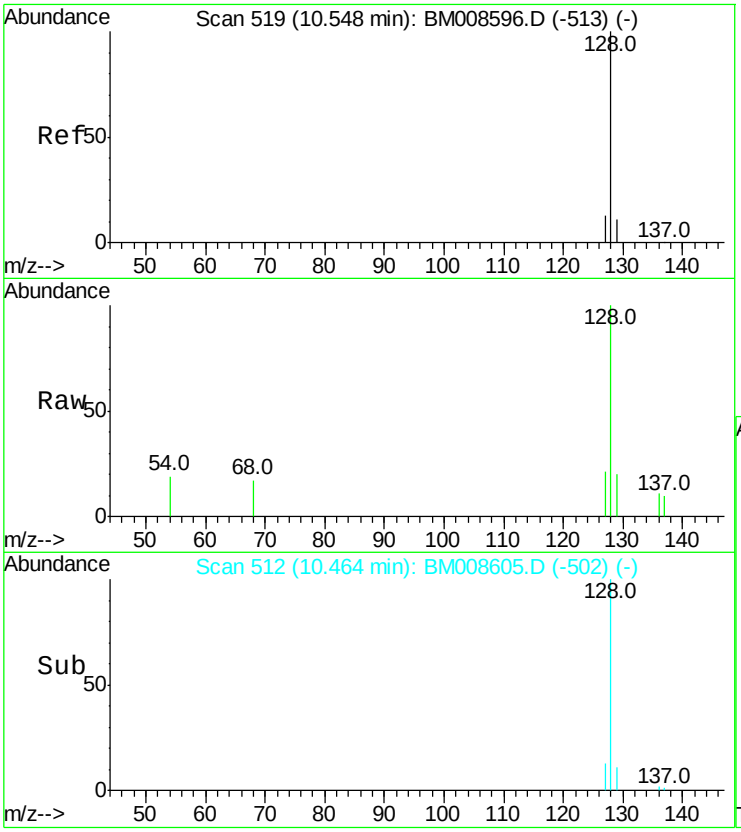
Data Path : Z:\HPCHEM1\BNA M\DATA\BM122316\
Data File : BM008605.D
Acq On : 23 Dec 2016 20:55
Operator : UM/SJ
Sample : H6069-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Dec 24 00:19:37 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 23 23:37:39 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7J2

Manual Integrations APPROVED
sohil
12/26/2016 4:03:28 PM

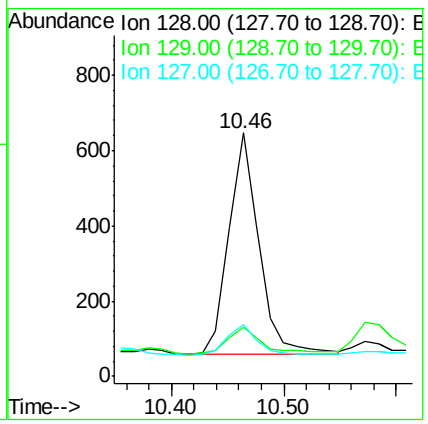




#3
Naphthalene
Concen: 0.25 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. -0.08 min
Lab File: BM008605.D
Acq: 23 Dec 2016 20:55

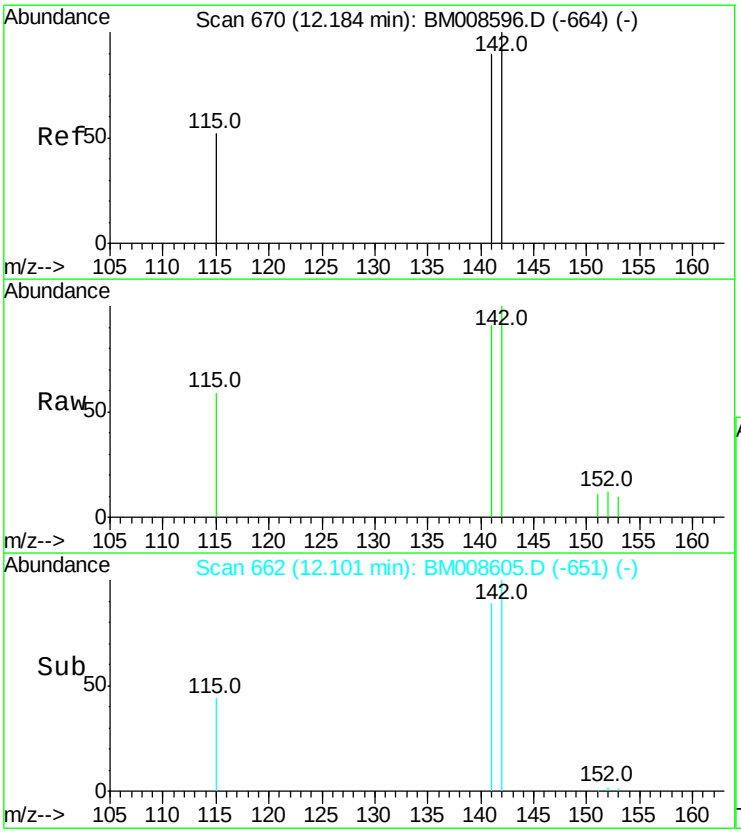
Tgt Ion:128 Resp: 1097

Ion	Ratio	Lower	Upper
128	100		
129	20.4	11.3	16.9#
127	21.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA7J2

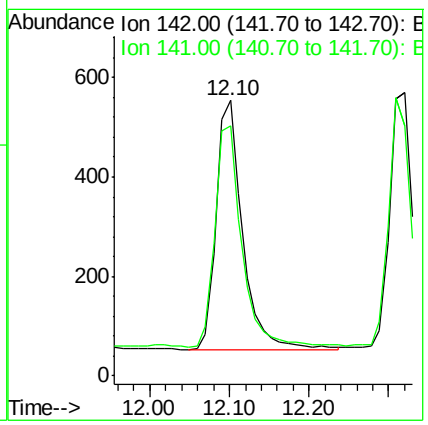
Manual Integrations APPROVED
sohil
12/26/2016 4:03:28 PM

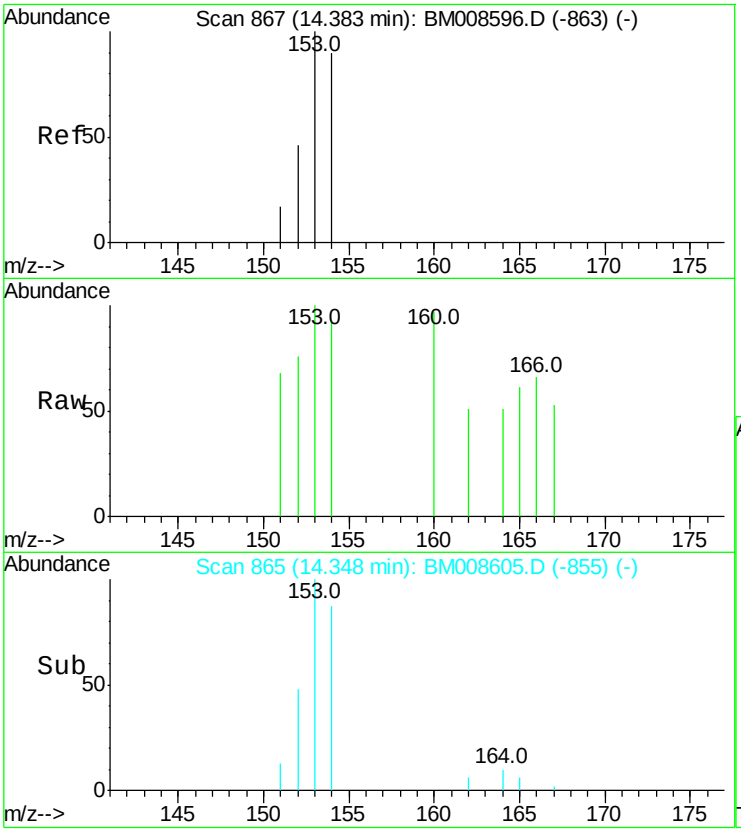


#5
2-Methylnaphthalene
Concen: 0.39 ng/ul
RT: 12.10 min Scan# 662
Delta R.T. -0.08 min
Lab File: BM008605.D
Acq: 23 Dec 2016 20:55

Tgt Ion:142 Resp: 1153

Ion	Ratio	Lower	Upper
142	100		
141	91.0	72.6	108.8

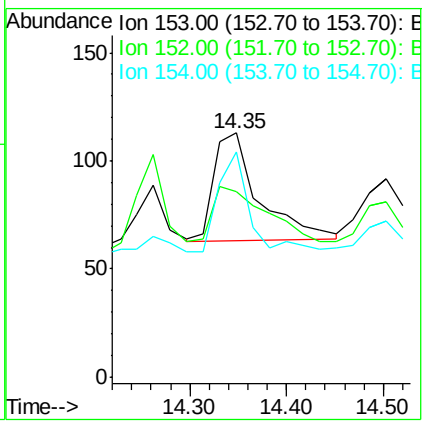




#8
Acenaphthene
Concen: 0.04 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.03 min
Lab File: BM008605.D
Acq: 23 Dec 2016 20:55

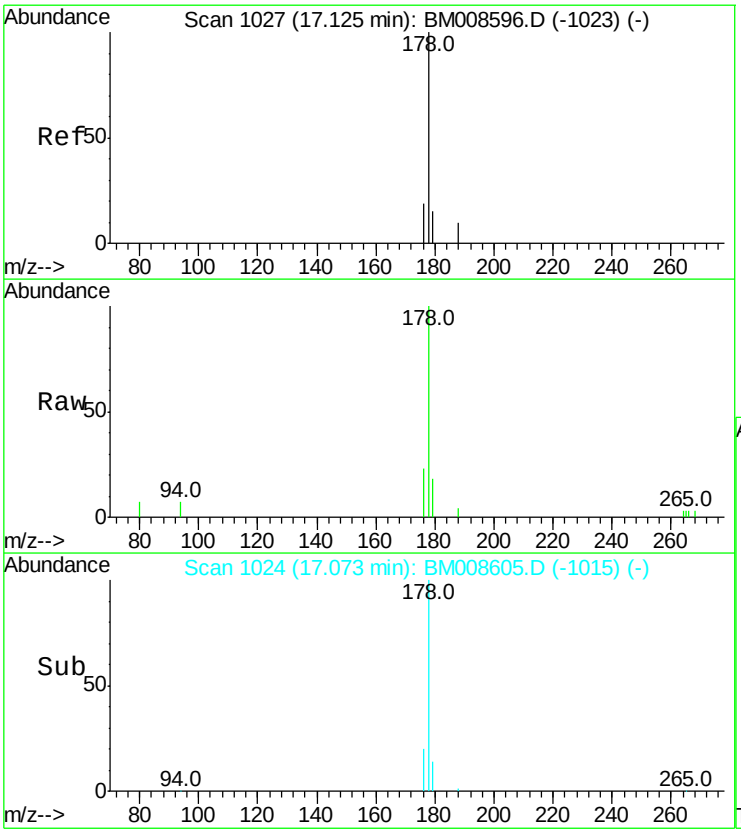
Tgt Ion:153 Resp: 160

Ion	Ratio	Lower	Upper
153	100		
152	76.1	40.3	60.5#
154	92.0	71.4	107.2



Instrument :
BNA_M
ClientSampleId :
DA7J2

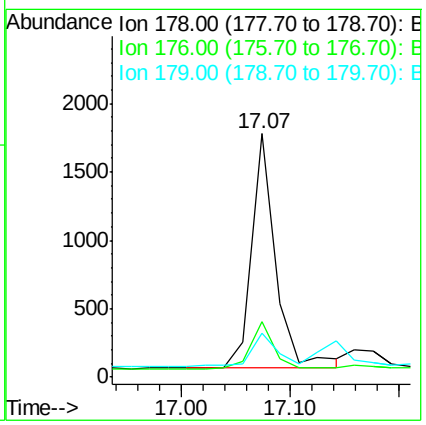
Manual Integrations APPROVED
sohil
12/26/2016 4:03:28 PM

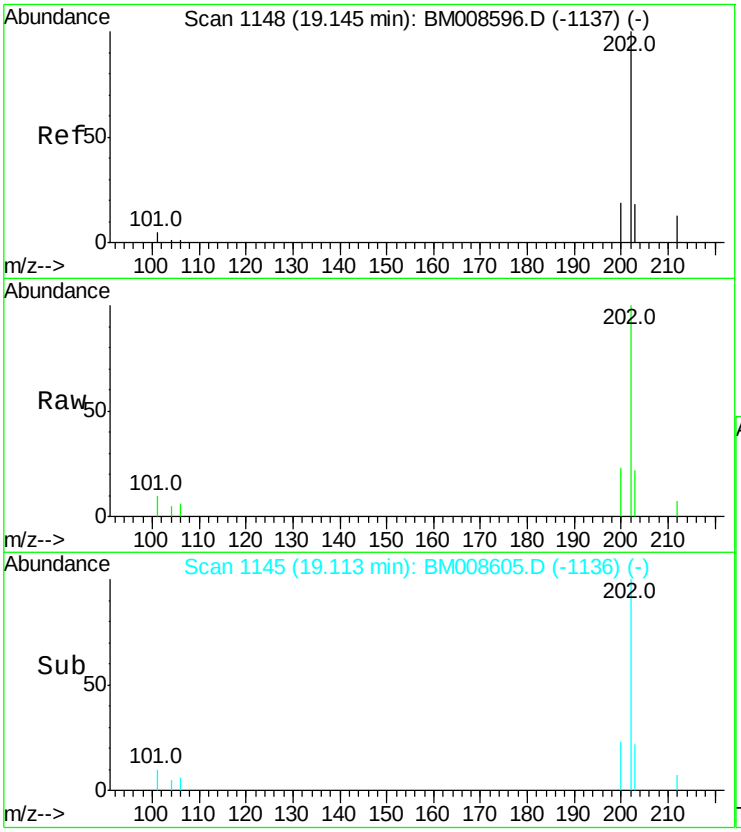


#12
Phenanthrene
Concen: 0.41 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.05 min
Lab File: BM008605.D
Acq: 23 Dec 2016 20:55

Tgt Ion:178 Resp: 2635

Ion	Ratio	Lower	Upper
178	100		
176	22.9	18.4	27.6
179	18.0	13.6	20.4

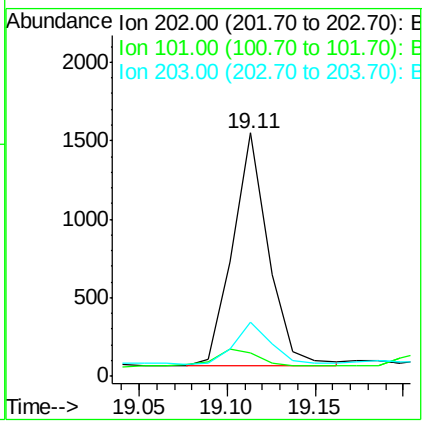




#15
Fluoranthene
Concen: 0.27 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. -0.03 min
Lab File: BM008605.D
Acq: 23 Dec 2016 20:55

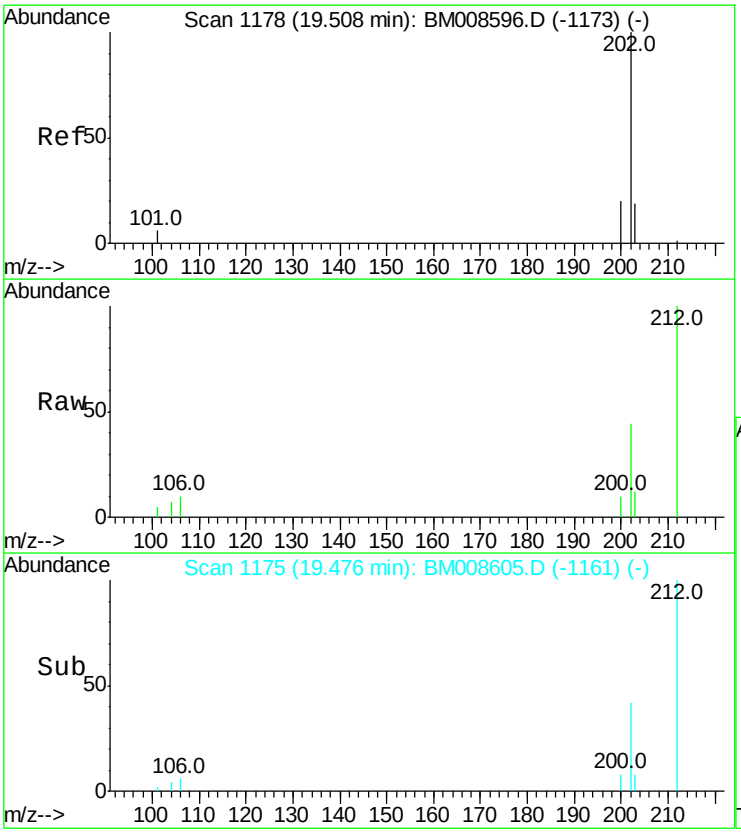
Tgt Ion:202 Resp: 2097

Ion	Ratio	Lower	Upper
202	100		
101	9.5	0.0	30.3
203	22.2	0.0	39.5



Instrument :
BNA_M
ClientSampleId :
DA7J2

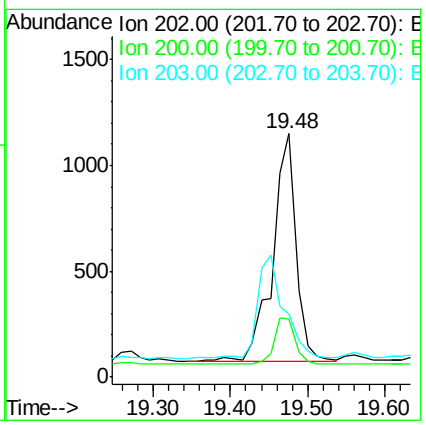
Manual Integrations APPROVED
sohil
12/26/2016 4:03:28 PM

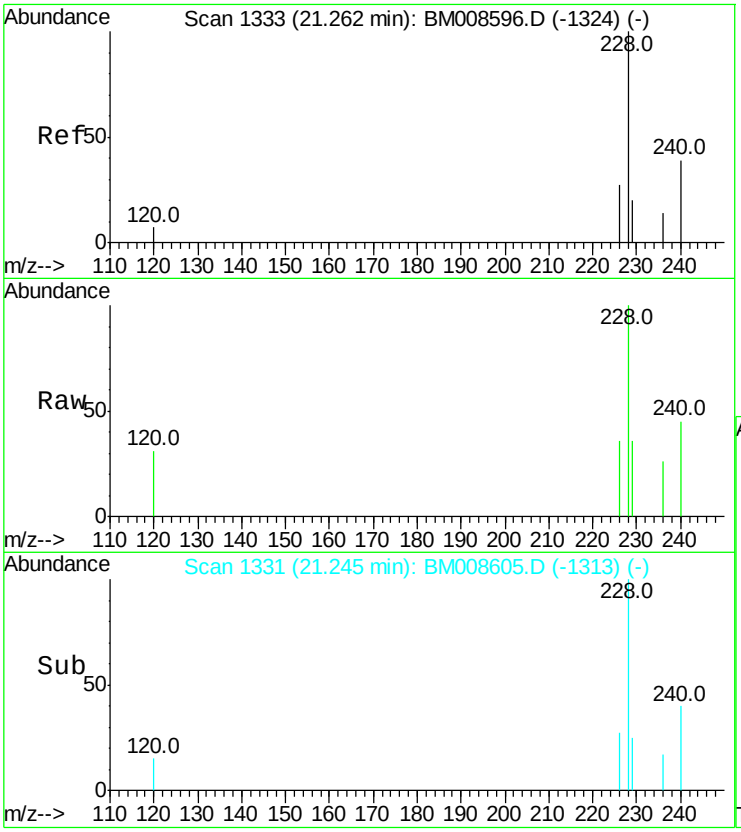


#17
Pyrene
Concen: 0.35 ng/ul
RT: 19.48 min Scan# 1175
Delta R.T. -0.03 min
Lab File: BM008605.D
Acq: 23 Dec 2016 20:55

Tgt Ion:202 Resp: 2291

Ion	Ratio	Lower	Upper
202	100		
200	23.5	18.2	27.4
203	26.2	15.6	23.4#





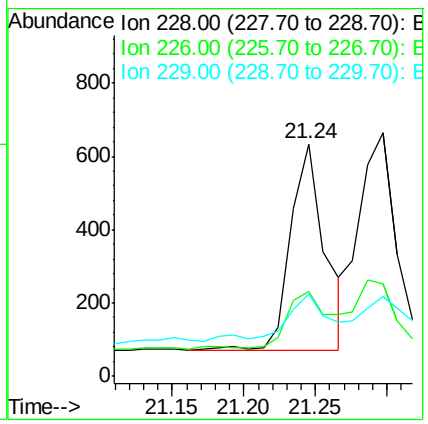
#18
Benzo(a)anthracene
Concen: 0.17 ng/ul
RT: 21.24 min Scan# 1331
Delta R.T. -0.02 min
Lab File: BM008605.D
Acq: 23 Dec 2016 20:55

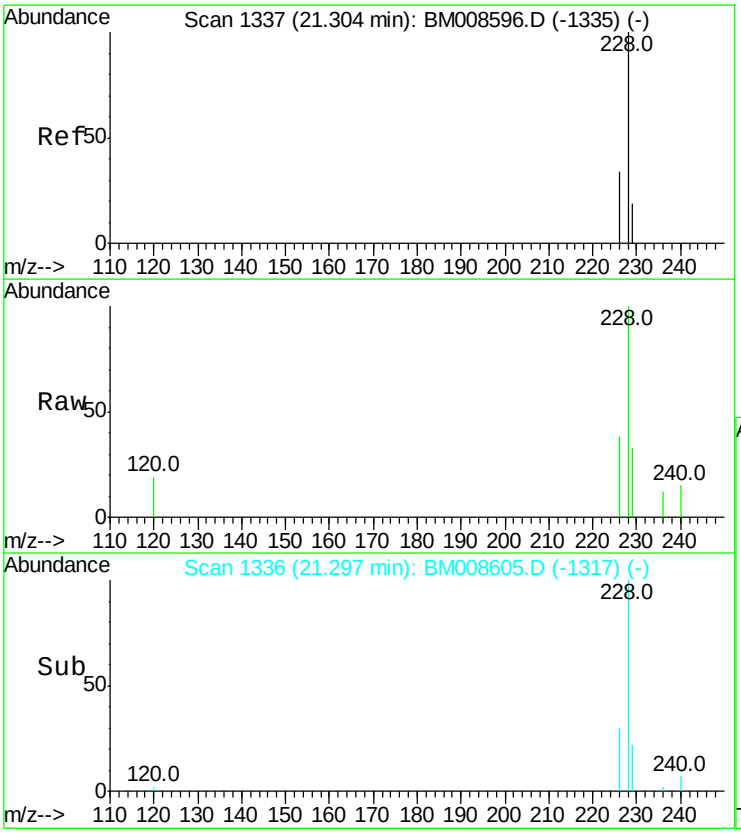
Instrument :
BNA_M
ClientSampleId :
DA7J2

Manual Integrations APPROVED
sohil
12/26/2016 4:03:28 PM

Tgt Ion:228 Resp: 937

Ion	Ratio	Lower	Upper
228	100		
226	36.3	22.8	34.2#
229	35.6	17.0	25.6#

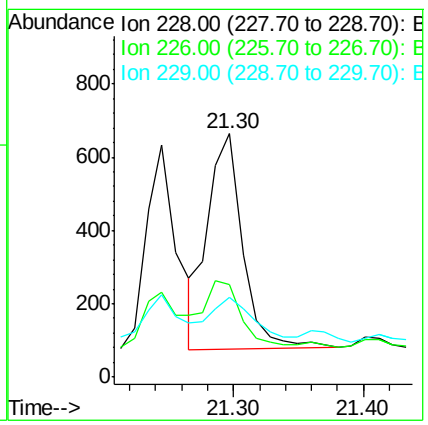


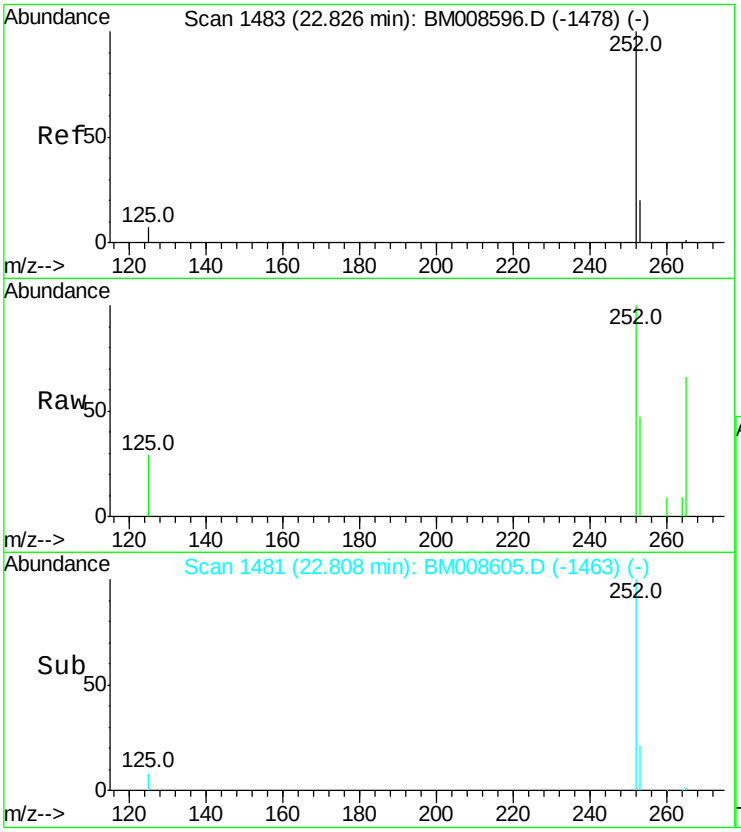


#19
Chrysene
Concen: 0.18 ng/ul
RT: 21.30 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BM008605.D
Acq: 23 Dec 2016 20:55

Tgt Ion:228 Resp: 1096

Ion	Ratio	Lower	Upper
228	100		
226	38.0	23.4	35.0#
229	33.0	17.7	26.5#

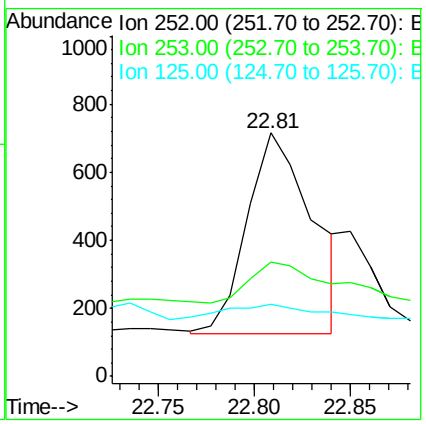




#21
Benzo(b)fluoranthene
Concen: 0.29 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BM008605.D
Acq: 23 Dec 2016 20:55

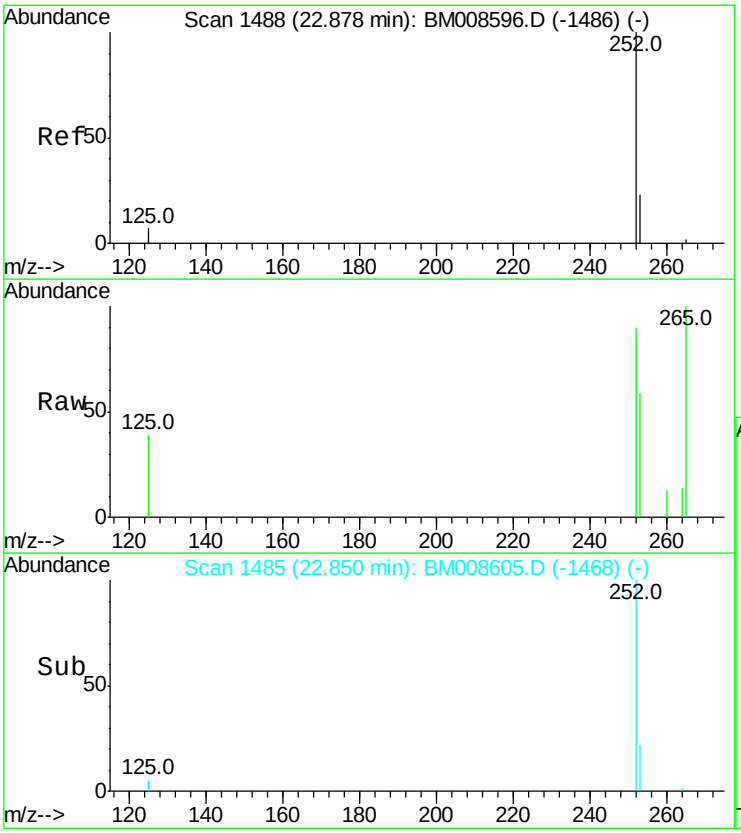
Tgt Ion:252 Resp: 1394

Ion	Ratio	Lower	Upper
252	100		
253	46.9	0.0	64.2
125	29.5	0.0	35.0



Instrument :
BNA_M
ClientSampleId :
DA7J2

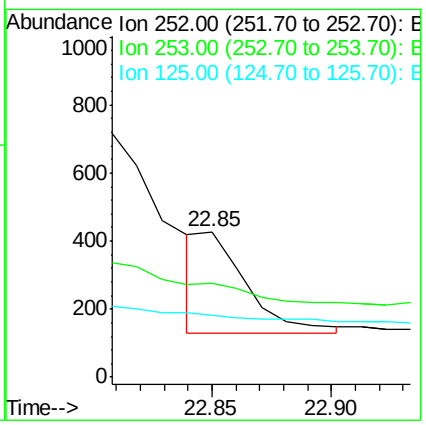
Manual Integrations APPROVED
sohil
12/26/2016 4:03:28 PM

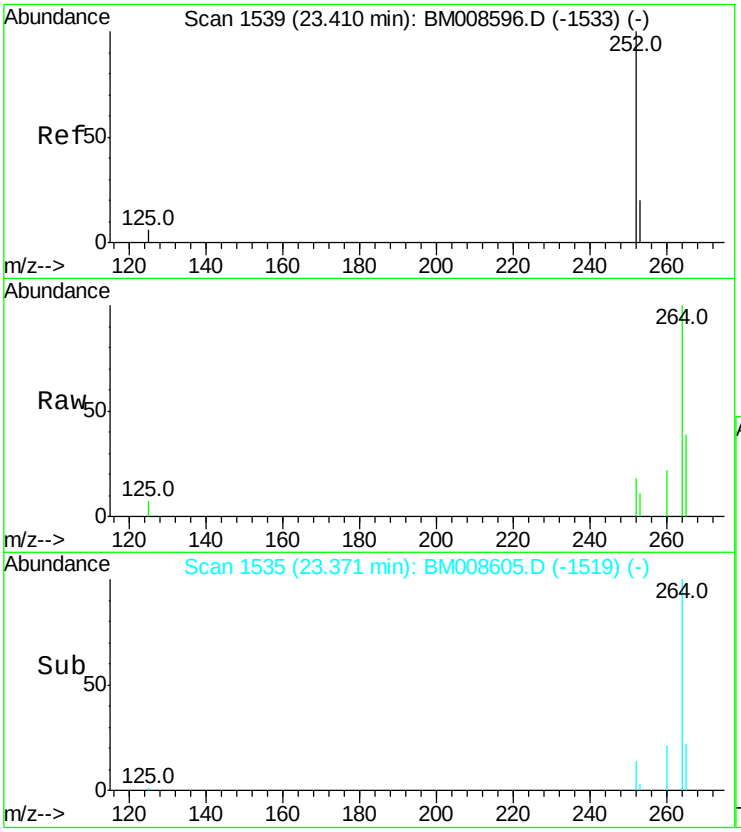


#22
Benzo(k)fluoranthene
Concen: 0.08 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.03 min
Lab File: BM008605.D
Acq: 23 Dec 2016 20:55

Tgt Ion:252 Resp: 394

Ion	Ratio	Lower	Upper
252	100		
253	64.9	24.5	36.7#
125	43.1	13.7	20.5#

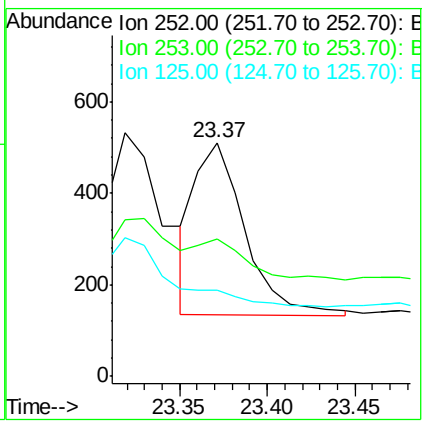




#23
Benzo(a)pyrene
Concen: 0.17 ng/ul m
RT: 23.37 min Scan# 1535
Delta R.T. -0.04 min
Lab File: BM008605.D
Acq: 23 Dec 2016 20:55

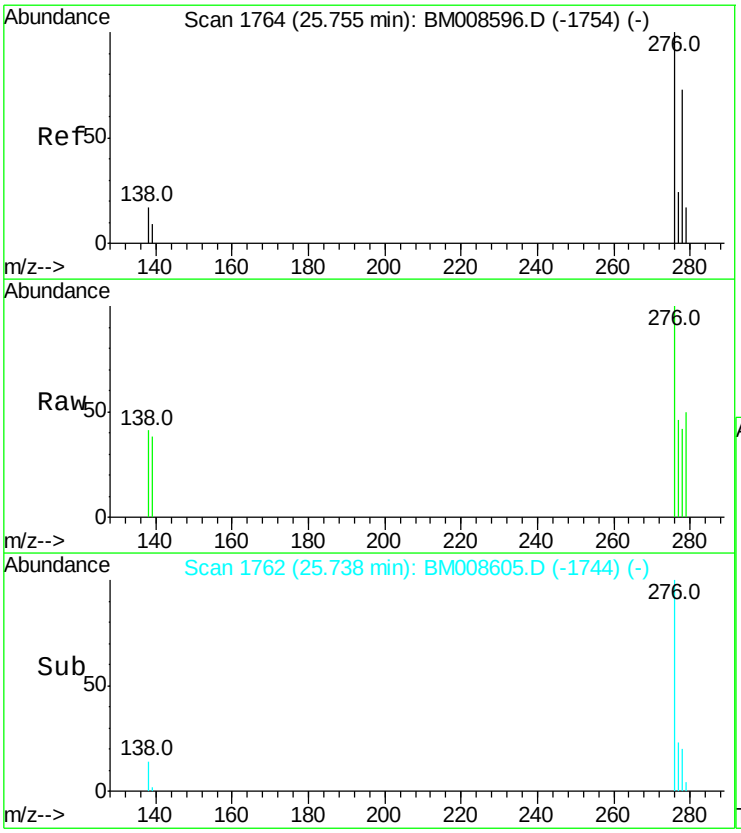
Tgt Ion:252 Resp: 751

Ion	Ratio	Lower	Upper
252	100		
253	58.5	28.5	42.7#
125	36.6	18.1	27.1#



Instrument :
BNA_M
ClientSampleId :
DA7J2

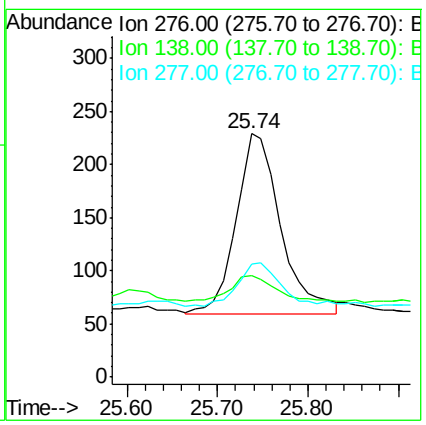
Manual Integrations APPROVED
sohil
12/26/2016 4:03:28 PM

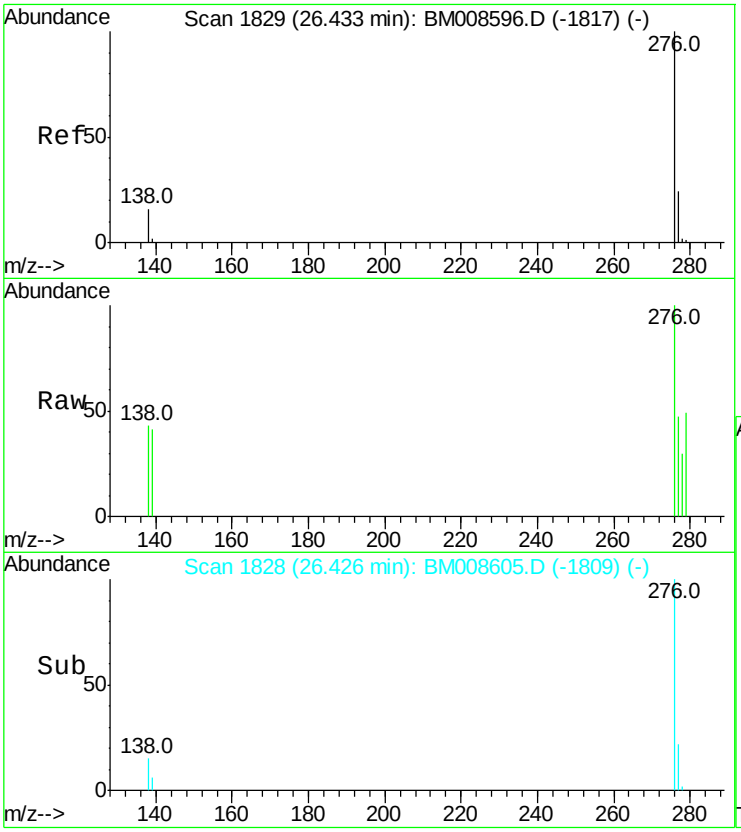


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.11 ng/ul m
RT: 25.74 min Scan# 1762
Delta R.T. -0.02 min
Lab File: BM008605.D
Acq: 23 Dec 2016 20:55

Tgt Ion:276 Resp: 585

Ion	Ratio	Lower	Upper
276	100		
138	0.0	19.1	28.7#
277	71.5	19.6	29.4#

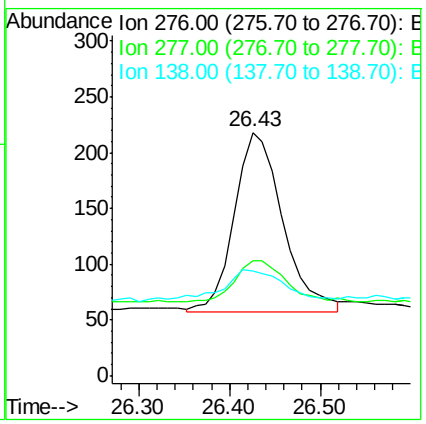




#26
Benzo(g,h,i)perylene
Concen: 0.13 ng/ul m
RT: 26.43 min Scan# 1828
Delta R.T. -0.01 min
Lab File: BM008605.D
Acq: 23 Dec 2016 20:55

Tgt Ion:276 Resp: 599

Ion	Ratio	Lower	Upper
276	100		
277	47.2	21.8	32.8#
138	43.1	20.5	30.7#



Instrument :
BNA_M
ClientSampleId :
DA7J2

Manual Integrations APPROVED
sohil
12/26/2016 4:03:28 PM