Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008546.D
Acq On : 22 Dec 2016 08:37
Operator : UM/SJ
Sample : H6069-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DA7H8

Manual Integrations APPROVED
Sohil
12/22/2016 12:36:44 PM

Quant Time: Dec 22 11:51:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	472	0.40	ng/ul	-0.05
2) Naphthalene-d8	10.42	136	1497	0.40	ng/ul	-0.06
6) Acenaphthene-d10	14.28	164	993	0.40	ng/ul	-0.03
10) Phenanthrene-d10	17.04	188	1879m	0.40	ng/ul	-0.03
16) Chrysene-d12	21.25	240	1601	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	1239m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	1076	0.47	ng/ul	-0.06
14) Fluoranthene-d10	19.08	212	2332m	0.45	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.46	128	2200	0.52	ng/ul#	94
5) 2-Methylnaphthalene	12.09	142	2031	0.72	ng/ul	99
7) Acenaphthylene	14.01	152	515	0.11	ng/ul#	56
8) Acenaphthene	14.35	153	333	0.10	ng/ul#	91
9) Fluorene	15.34	166	240	0.06	ng/ul#	56
12) Phenanthrene	17.07	178	6261	1.09	ng/ul	99
13) Anthracene	17.18	178	1440m	0.26	ng/ul	
15) Fluoranthene	19.11	202	4940	0.70	ng/ul	98
17) Pyrene	19.47	202	4081m	0.66	ng/ul	
18) Benzo(a)anthracene	21.23	228	3020	0.57	ng/ul#	91
19) Chrysene	21.28	228	3783m	0.66	ng/ul	
21) Benzo(b)fluoranthene	22.81	252	5297m	1.09	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	1594m	0.33	ng/ul	
23) Benzo(a)pyrene	23.37	252	2682m	0.59	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.72	276	2165m	0.40	ng/ul	
25) Dibenzo(a,h)anthracene	25.71	278	814m	0.19	ng/ul	
26) Benzo(g,h,i)perylene	26.40	276	2131m	0.46	ng/ul	

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

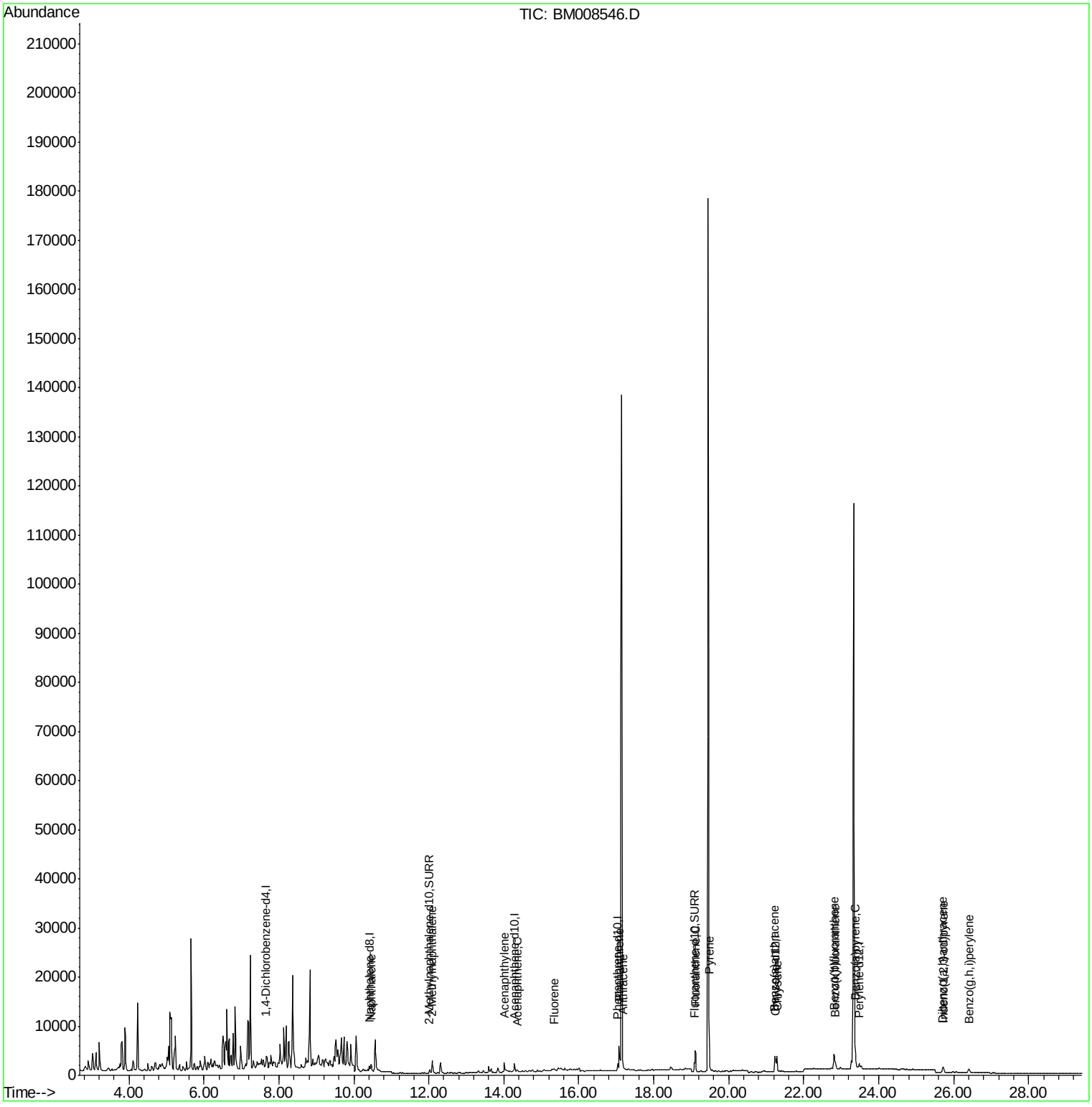
Quantitation Report (QT Reviewed)

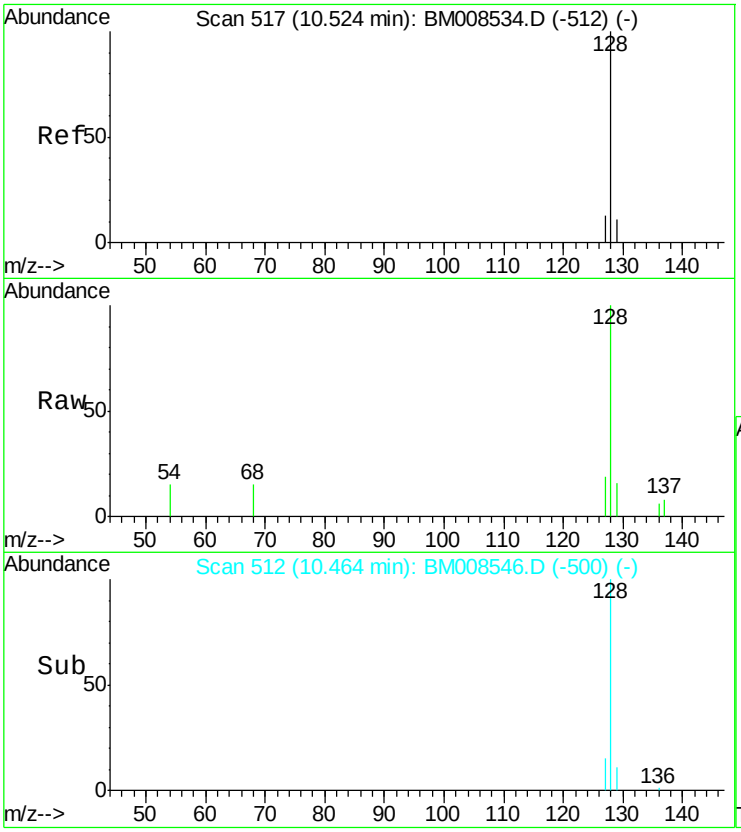
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM122116\
Data File : BM008546.D
Acq On : 22 Dec 2016 08:37
Operator : UM/SJ
Sample : H6069-02
Misc :
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Dec 22 11:51:37 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM121916.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Dec 22 02:22:34 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DA7H8

Manual Integrations APPROVED
Sohil
12/22/2016 12:36:44 PM

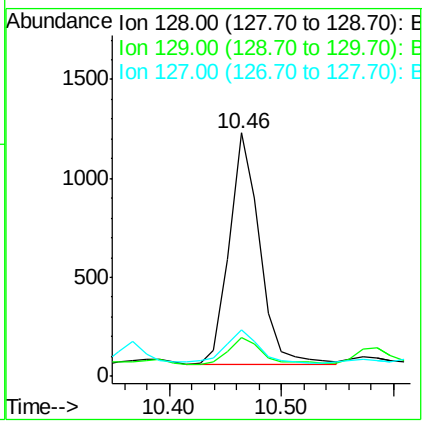




#3
Naphthalene
Concen: 0.52 ng/ul
RT: 10.46 min Scan# 512
Delta R.T. -0.06 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

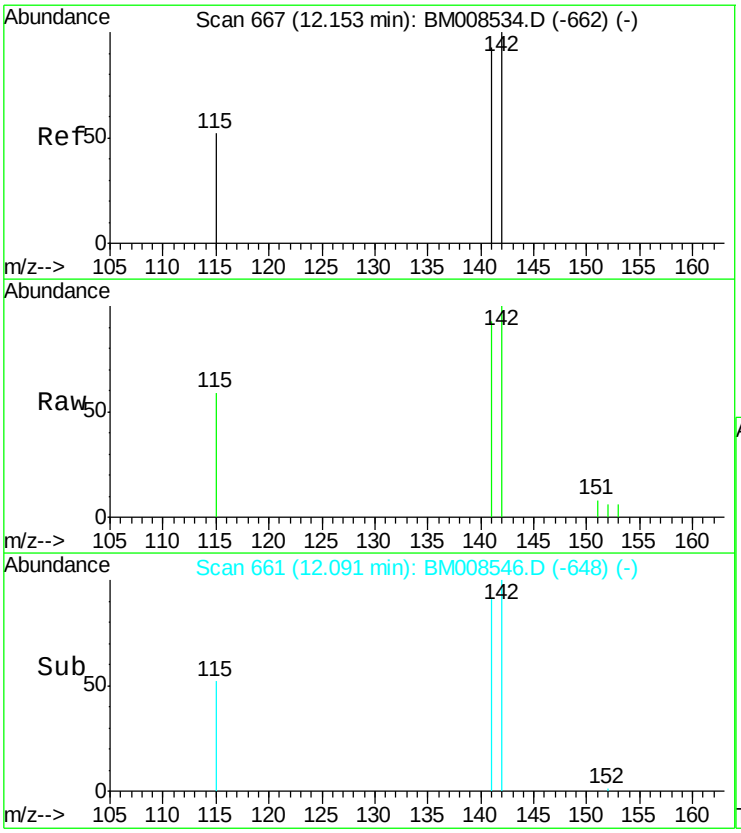
Tgt Ion:128 Resp: 2200

Ion	Ratio	Lower	Upper
128	100		
129	16.1	11.3	16.9
127	19.3	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA7H8

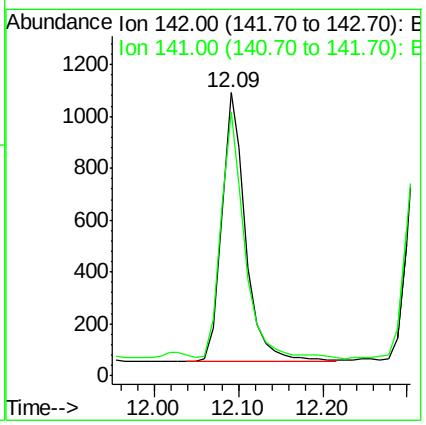
Manual Integrations APPROVED
Sohil
12/22/2016 12:36:44 PM

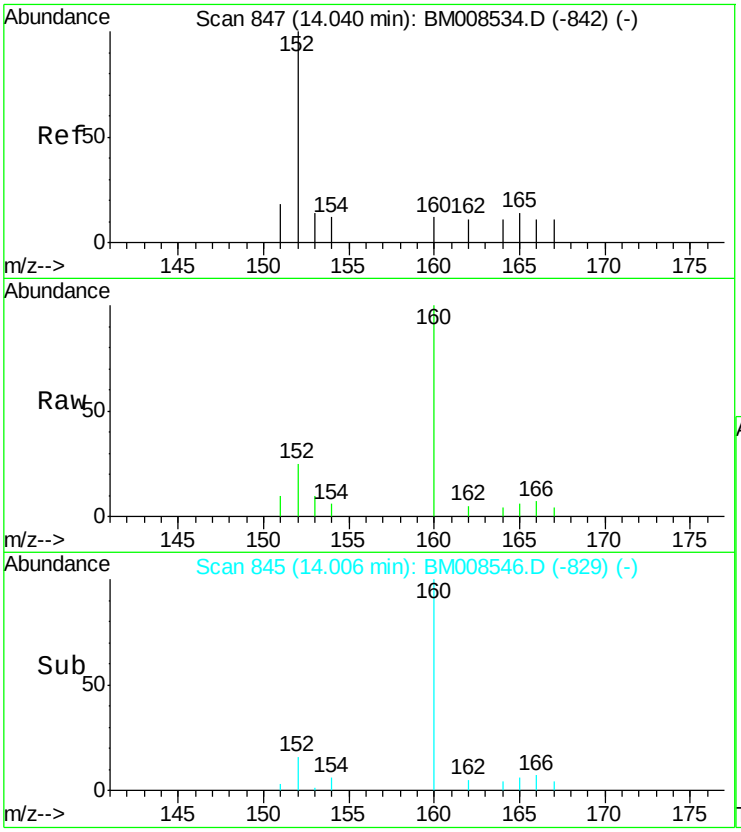


#5
2-Methylnaphthalene
Concen: 0.72 ng/ul
RT: 12.09 min Scan# 661
Delta R.T. -0.06 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

Tgt Ion:142 Resp: 2031

Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.6	108.8

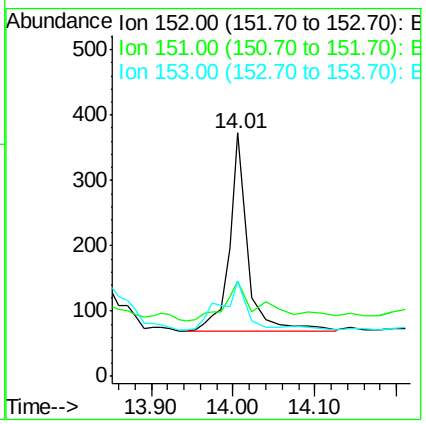




#7
Acenaphthylene
Concen: 0.11 ng/ul
RT: 14.01 min Scan# 845
Delta R.T. -0.03 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

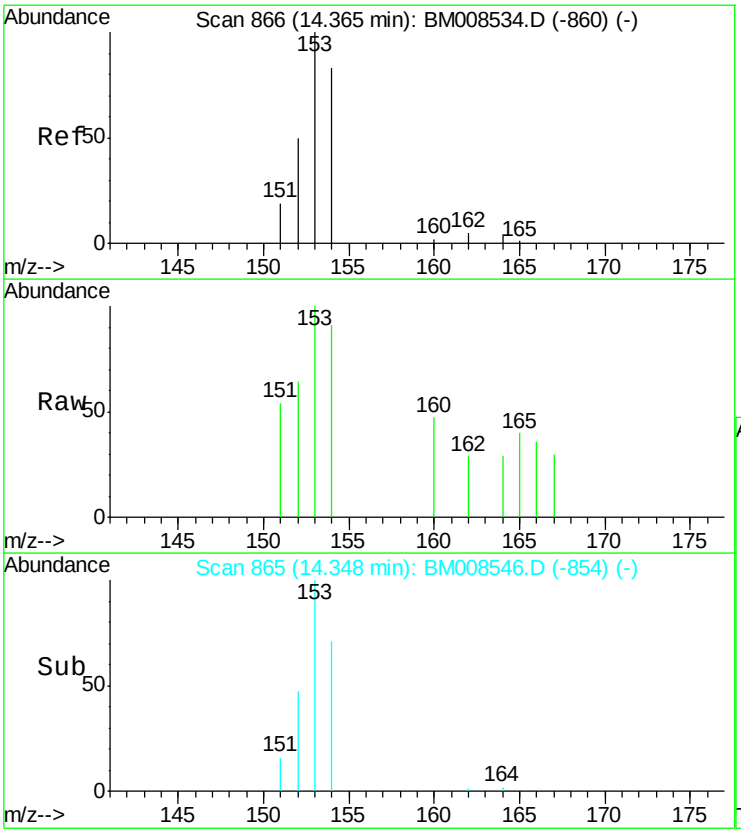
Tgt Ion:152 Resp: 515

Ion	Ratio	Lower	Upper
152	100		
151	38.9	17.1	25.7#
153	38.9	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
DA7H8

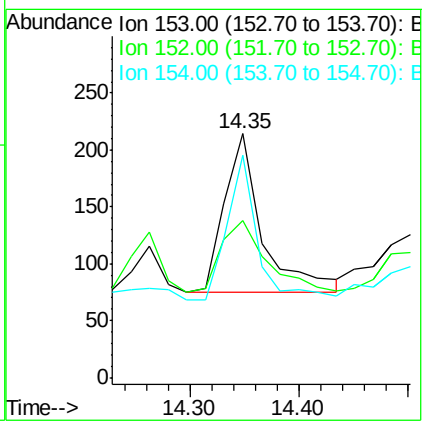
Manual Integrations APPROVED
Sohil
12/22/2016 12:36:44 PM

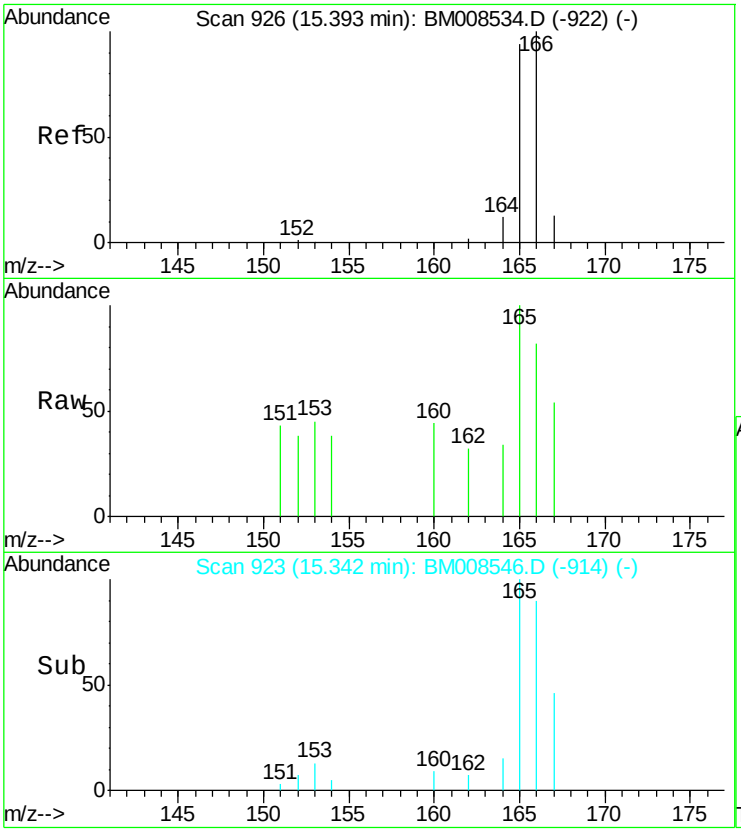


#8
Acenaphthene
Concen: 0.10 ng/ul
RT: 14.35 min Scan# 865
Delta R.T. -0.02 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

Tgt Ion:153 Resp: 333

Ion	Ratio	Lower	Upper
153	100		
152	64.5	40.3	60.5#
154	91.1	71.4	107.2

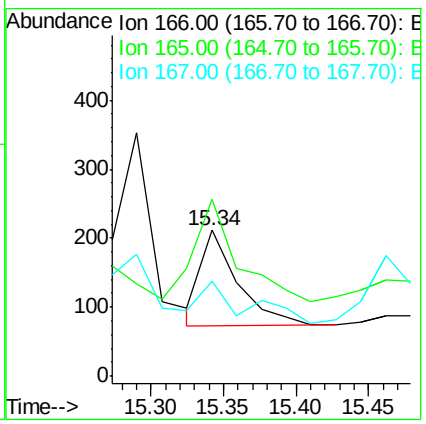




#9
Fluorene
Concen: 0.06 ng/ul
RT: 15.34 min Scan# 923
Delta R.T. -0.05 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

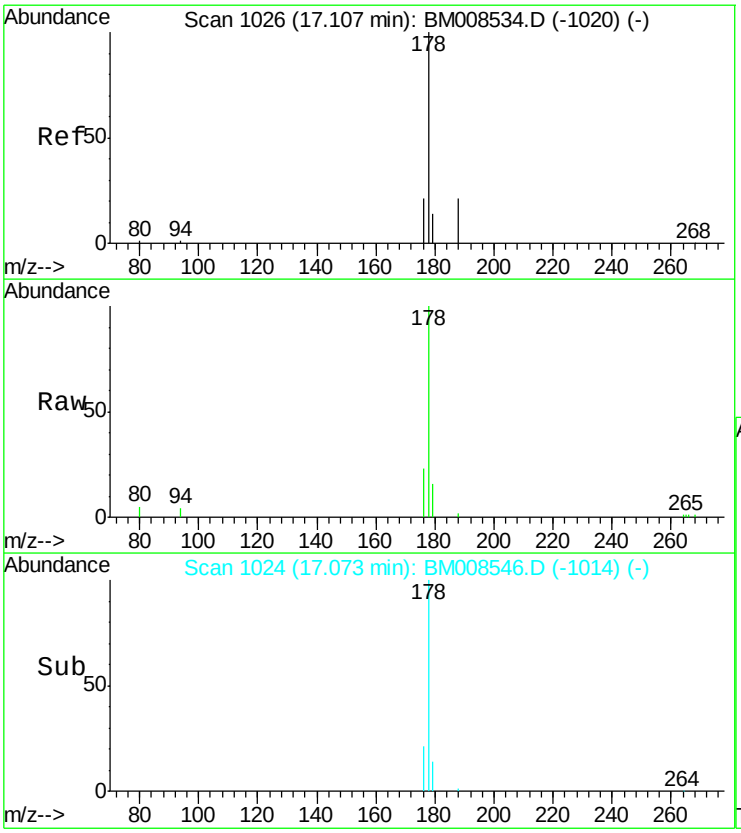
Tgt Ion:166 Resp: 240

Ion	Ratio	Lower	Upper
166	100		
165	121.8	73.4	110.2#
167	65.4	14.6	22.0#



Instrument :
BNA_M
ClientSampleId :
DA7H8

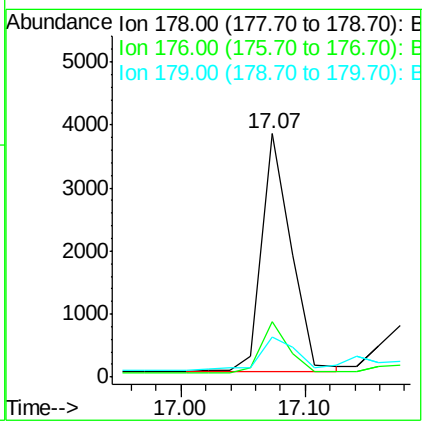
Manual Integrations APPROVED
Sohil
12/22/2016 12:36:44 PM

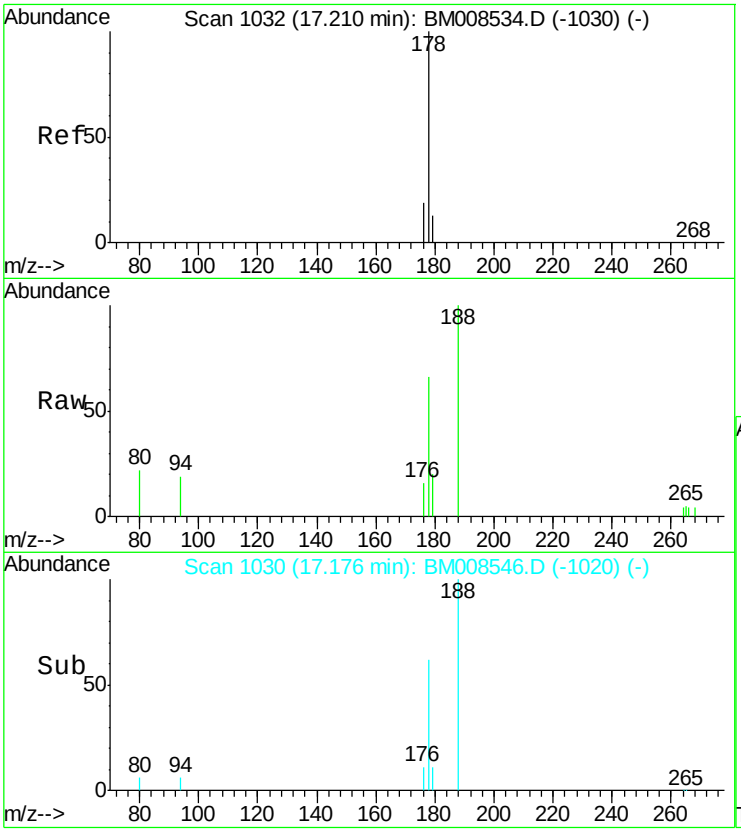


#12
Phenanthrene
Concen: 1.09 ng/ul
RT: 17.07 min Scan# 1024
Delta R.T. -0.03 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

Tgt Ion:178 Resp: 6261

Ion	Ratio	Lower	Upper
178	100		
176	22.5	18.4	27.6
179	16.4	13.6	20.4

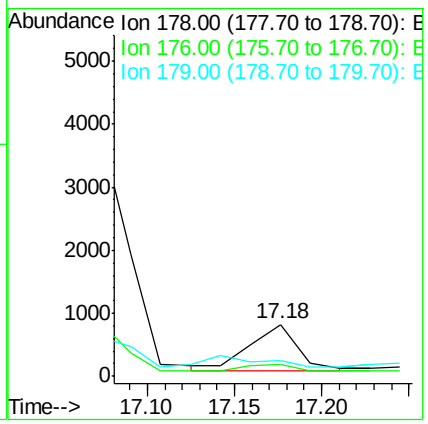




#13
Anthracene
Concen: 0.26 ng/ul m
RT: 17.18 min Scan# 1030
Delta R.T. -0.03 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

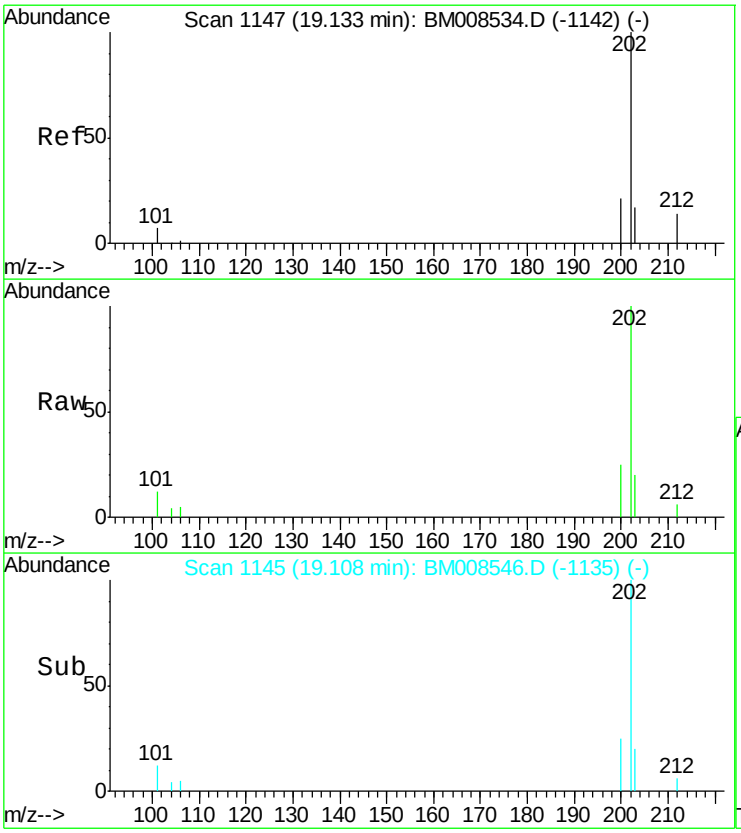
Tgt Ion:178 Resp: 1440

Ion	Ratio	Lower	Upper
178	100		
176	24.1	18.1	27.1
179	29.4	14.7	22.1#



Instrument :
BNA_M
ClientSampleId :
DA7H8

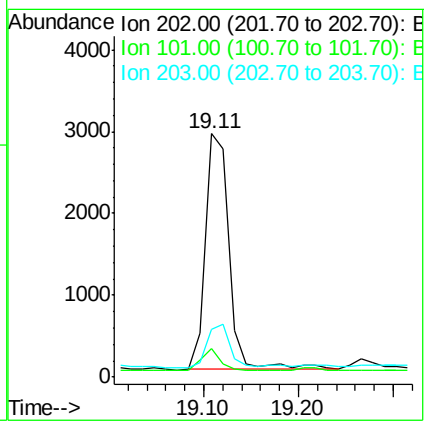
Manual Integrations APPROVED
Sohil
12/22/2016 12:36:44 PM

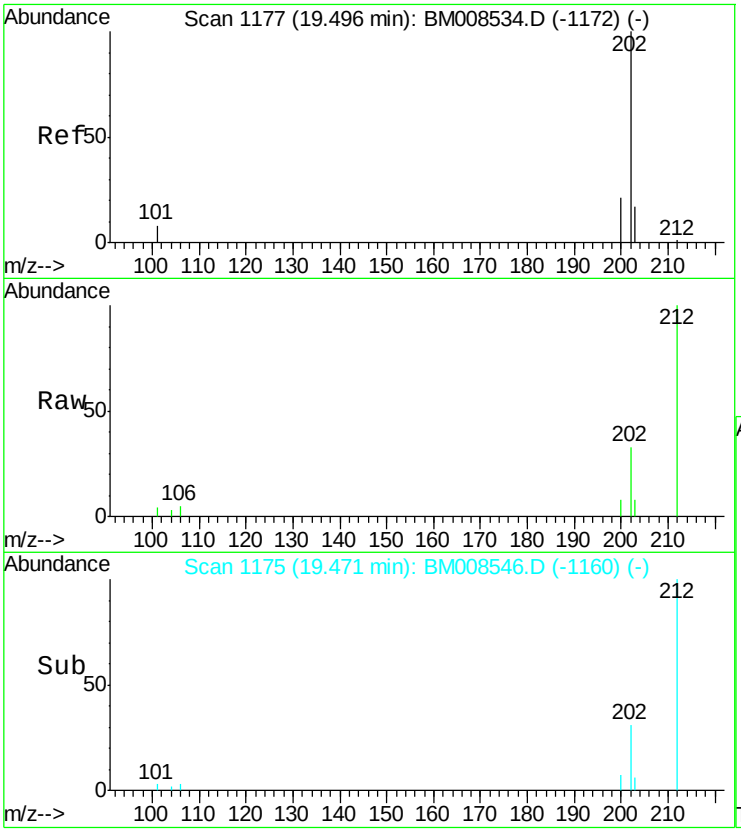


#15
Fluoranthene
Concen: 0.70 ng/ul
RT: 19.11 min Scan# 1145
Delta R.T. -0.02 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

Tgt Ion:202 Resp: 4940

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	30.3
203	19.8	0.0	39.5





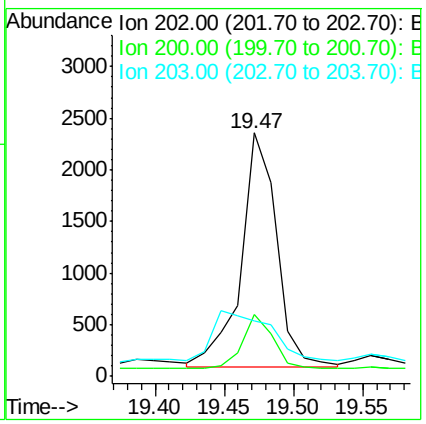
#17
Pyrene
Concen: 0.66 ng/ul m
RT: 19.47 min Scan# 1175
Delta R.T. -0.02 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

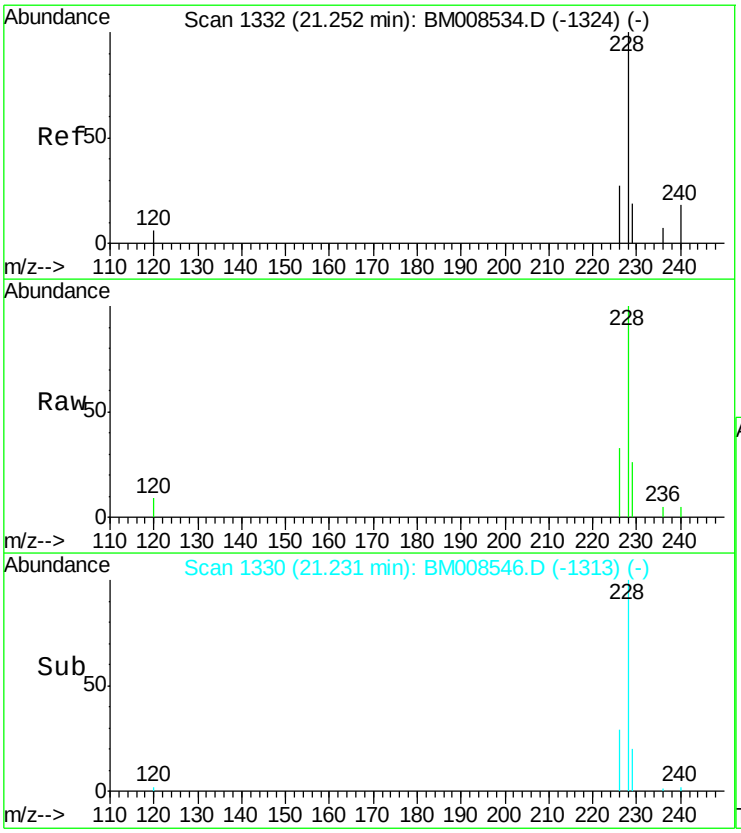
Tgt Ion:202 Resp: 4081

Ion	Ratio	Lower	Upper
202	100		
200	25.2	18.2	27.4
203	22.9	15.6	23.4

Instrument :
BNA_M
ClientSampleId :
DA7H8

Manual Integrations APPROVED
Sohil
12/22/2016 12:36:44 PM

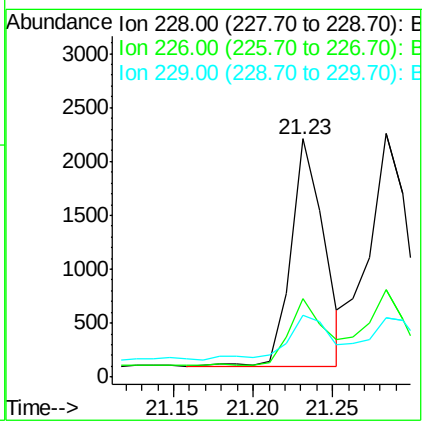


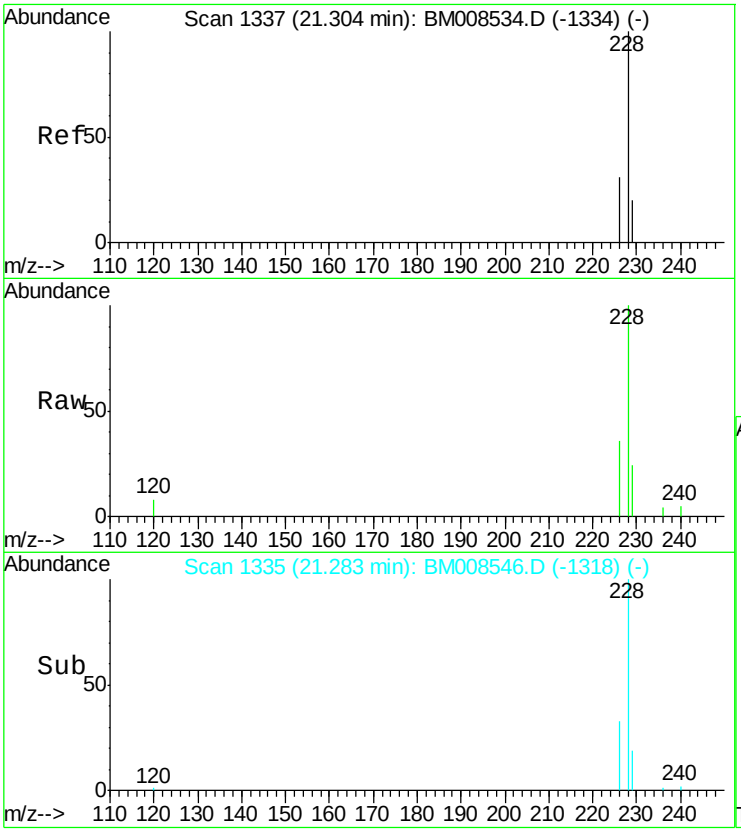


#18
Benzo(a)anthracene
Concen: 0.57 ng/ul
RT: 21.23 min Scan# 1330
Delta R.T. -0.02 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

Tgt Ion:228 Resp: 3020

Ion	Ratio	Lower	Upper
228	100		
226	32.8	22.8	34.2
229	25.8	17.0	25.6#

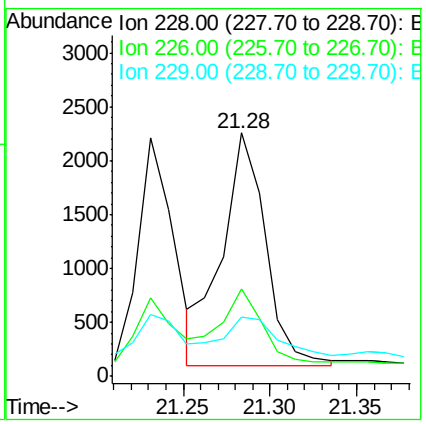




#19
Chrysene
Concen: 0.66 ng/ul m
RT: 21.28 min Scan# 1335
Delta R.T. -0.02 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

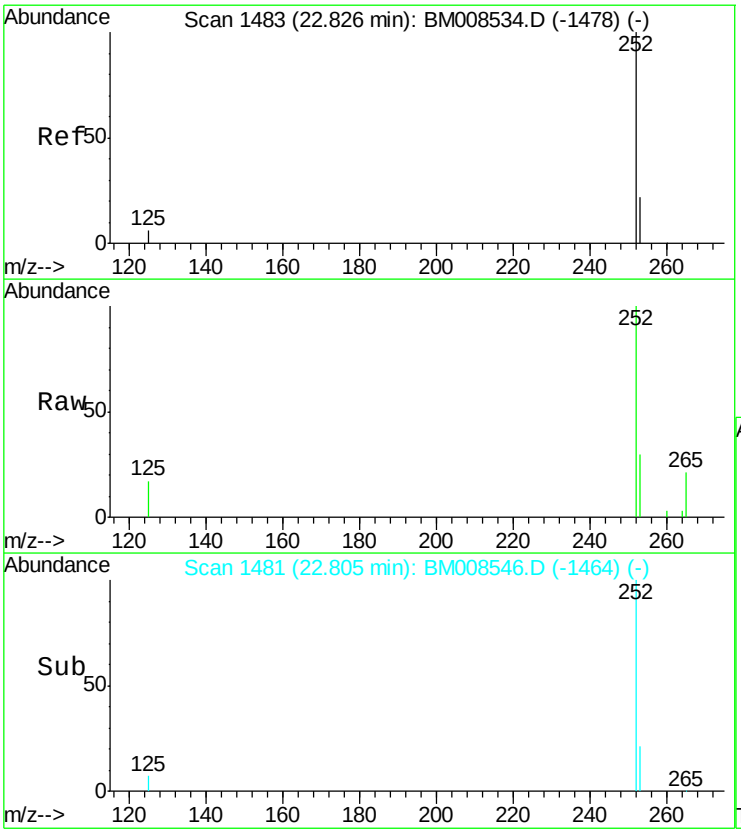
Tgt Ion:228 Resp: 3783

Ion	Ratio	Lower	Upper
228	100		
226	36.1	23.4	35.0#
229	24.4	17.7	26.5



Instrument :
BNA_M
ClientSampleId :
DA7H8

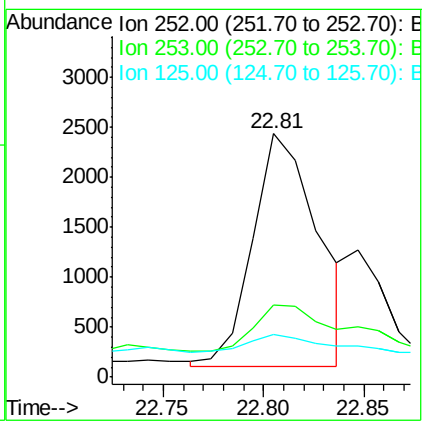
Manual Integrations APPROVED
Sohil
12/22/2016 12:36:44 PM

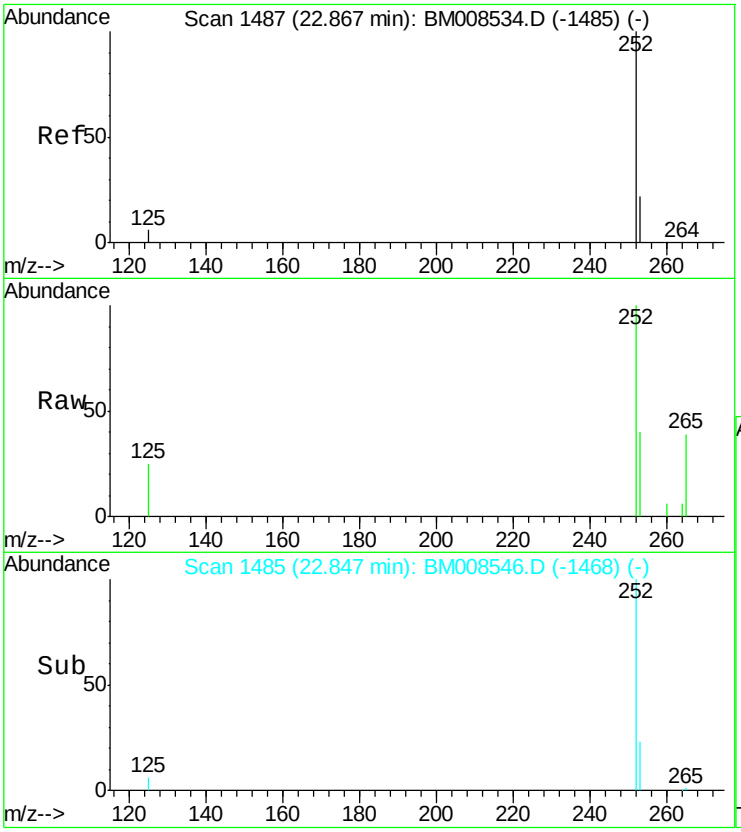


#21
Benzo(b)fluoranthene
Concen: 1.09 ng/ul m
RT: 22.81 min Scan# 1481
Delta R.T. -0.02 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

Tgt Ion:252 Resp: 5297

Ion	Ratio	Lower	Upper
252	100		
253	29.8	0.0	64.2
125	17.5	0.0	35.0





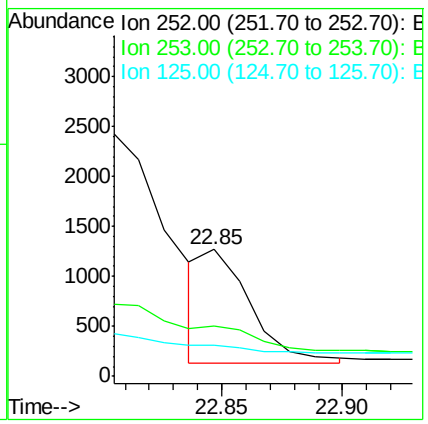
#22
Benzo(k)fluoranthene
Concen: 0.33 ng/ul m
RT: 22.85 min Scan# 1485
Delta R.T. -0.02 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

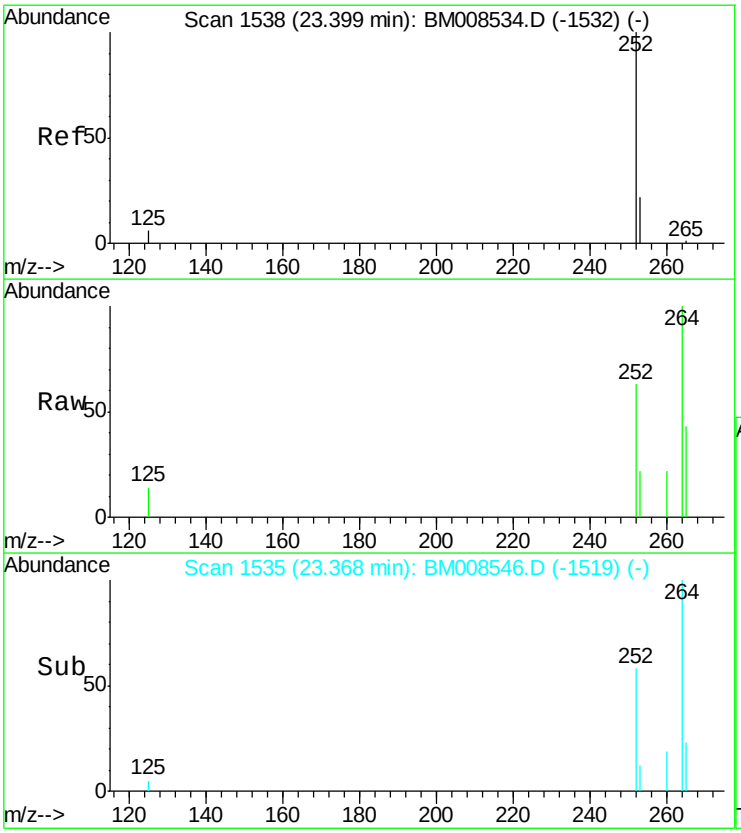
Tgt Ion:252 Resp: 1594

Ion	Ratio	Lower	Upper
252	100		
253	39.8	24.5	36.7#
125	24.9	13.7	20.5#

Instrument :
BNA_M
ClientSampleId :
DA7H8

Manual Integrations APPROVED
Sohil
12/22/2016 12:36:44 PM

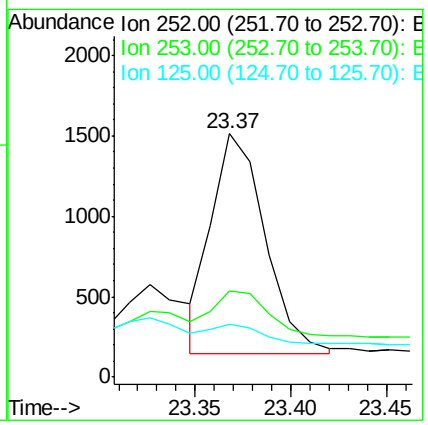


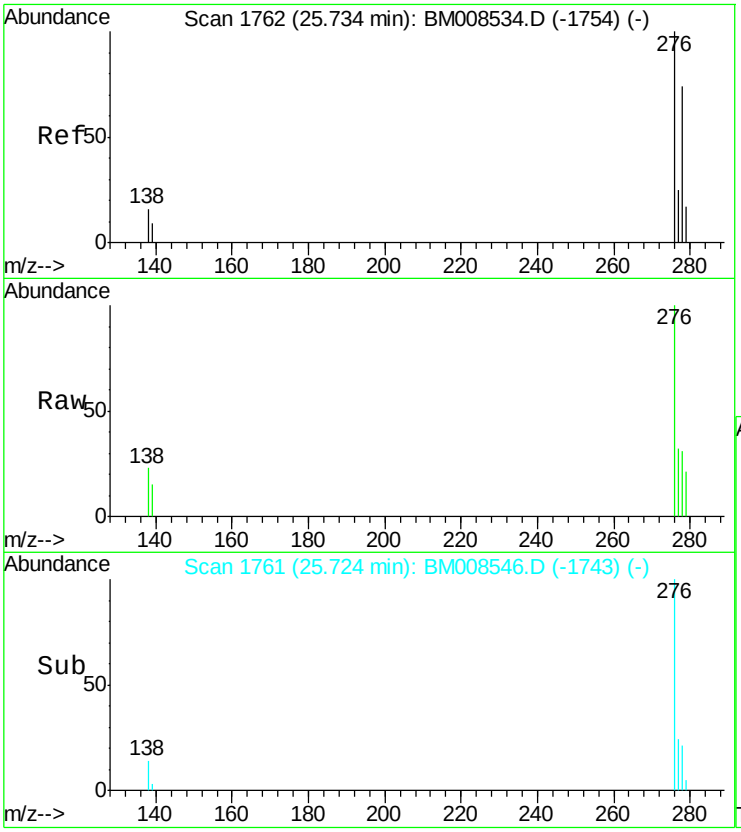


#23
Benzo(a)pyrene
Concen: 0.59 ng/ul m
RT: 23.37 min Scan# 1535
Delta R.T. -0.03 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

Tgt Ion:252 Resp: 2682

Ion	Ratio	Lower	Upper
252	100		
253	35.3	28.5	42.7
125	21.7	18.1	27.1





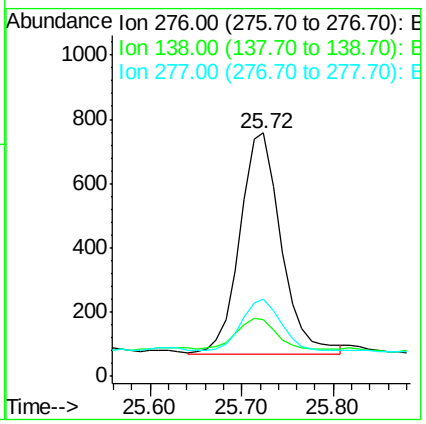
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.40 ng/ul m
RT: 25.72 min Scan# 1761
Delta R.T. -0.01 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

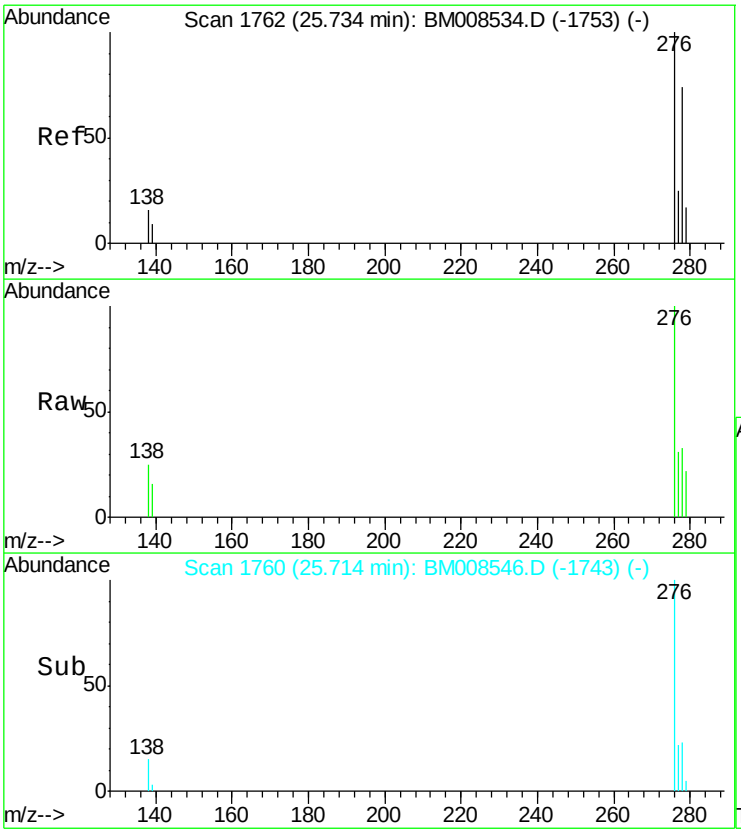
Instrument :
BNA_M
ClientSampleId :
DA7H8

Manual Integrations APPROVED
Sohil
12/22/2016 12:36:44 PM

Tgt Ion:276 Resp: 2165

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

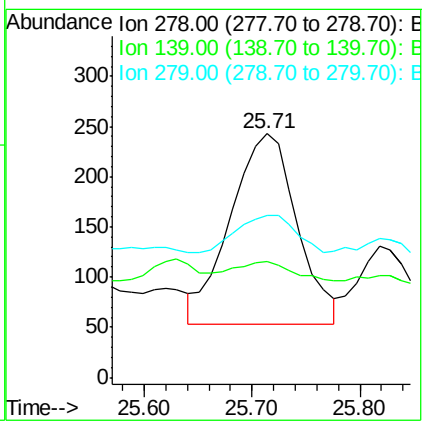


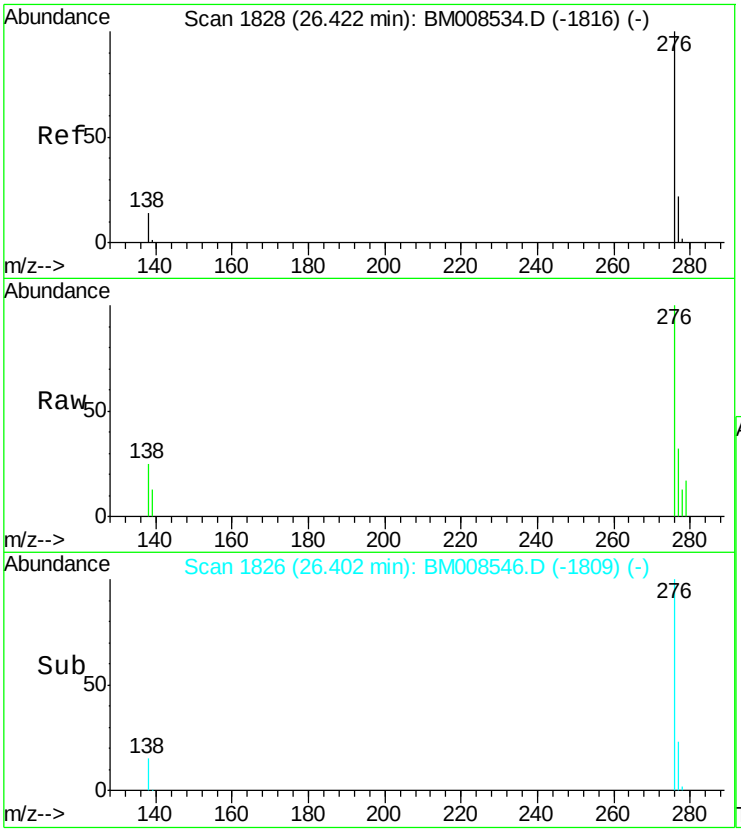


#25
Dibenzo(a,h)anthracene
Concen: 0.19 ng/ul m
RT: 25.71 min Scan# 1760
Delta R.T. -0.02 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

Tgt Ion:278 Resp: 814

Ion	Ratio	Lower	Upper
278	100		
139	47.7	17.4	26.0#
279	66.3	25.9	38.9#

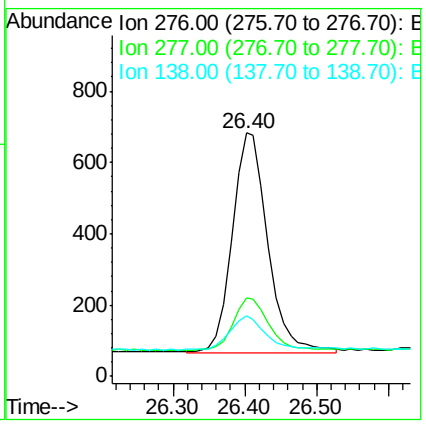




#26
Benzo(g,h,i)perylene
Concen: 0.46 ng/ul m
RT: 26.40 min Scan# 1826
Delta R.T. -0.02 min
Lab File: BM008546.D
Acq: 22 Dec 2016 08:37

Tgt Ion:276 Resp: 2131

Ion	Ratio	Lower	Upper
276	100		
277	32.1	21.8	32.8
138	24.9	20.5	30.7



Instrument :
BNA_M
ClientSampleId :
DA7H8

Manual Integrations APPROVED
Sohil
12/22/2016 12:36:44 PM