Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002613.D
Acq On : 01 Sep 2015 05:45
Operator : UM/IZ
Sample : G3457-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
D9EA9

Manual Integrations APPROVED
MMDadoda
9/1/2015 2:58:37 PM

Quant Time: Sep 01 06:40:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 02:00:58 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	140703	20.00	ng/ul	0.00
2) Naphthalene-d8	11.65	136	630919	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.37	164	311239	20.00	ng/ul	0.00
12) Phenanthrene-d10	18.07	188	590289	20.00	ng/ul	0.00
17) Chrysene-d12	22.16	240	430709	20.00	ng/ul	0.00
22) Perylene-d12	24.79	264	432893	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	15.07	160	436126	13.71	ng/ul	0.00
10) Fluorene-d10	16.34	176	279550	12.51	ng/ul	0.00
14) Anthracene-d10	18.17	188	379152	13.32	ng/ul	0.00
18) Pyrene-d10	20.40	212	279113	14.62	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.61	264	206323	9.07	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthylene	15.10	152	47745	1.43	ng/ul	99
13) Phenanthrene	18.12	178	69615	2.04	ng/ul	99
15) Anthracene	18.21	178	48972	1.42	ng/ul	99
16) Fluoranthene	20.07	202	190418	4.93	ng/ul	96
19) Pyrene	20.43	202	217953	8.64	ng/ul	98
20) Benzo(a)anthracene	22.14	228	135724	5.27	ng/ul	97
21) Chrysene	22.20	228	150684m	6.25	ng/ul	
23) Benzo(b)fluoranthene	23.98	252	272755	10.42	ng/ul	98
24) Benzo(k)fluoranthene	24.02	252	94939m	3.83	ng/ul	
26) Benzo(a)pyrene	24.67	252	169623	6.79	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	27.55	276	116624	4.06	ng/ul	96
28) Dibenzo(a,h)anthracene	27.55	278	36533	1.52	ng/ul#	73
29) Benzo(g,h,i)perylene	28.41	276	89119	3.72	ng/ul	97

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

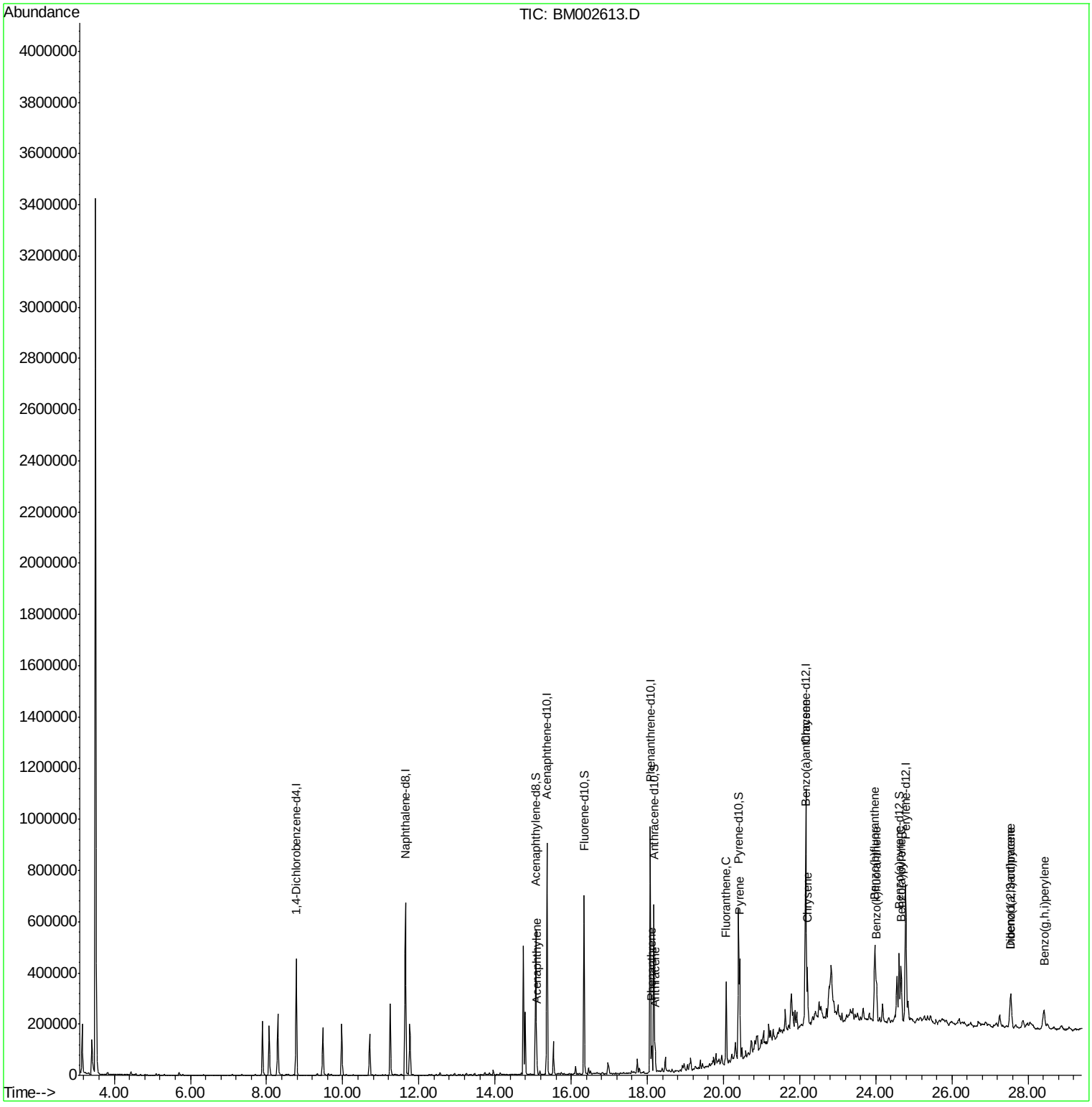
Quantitation Report (QT Reviewed)

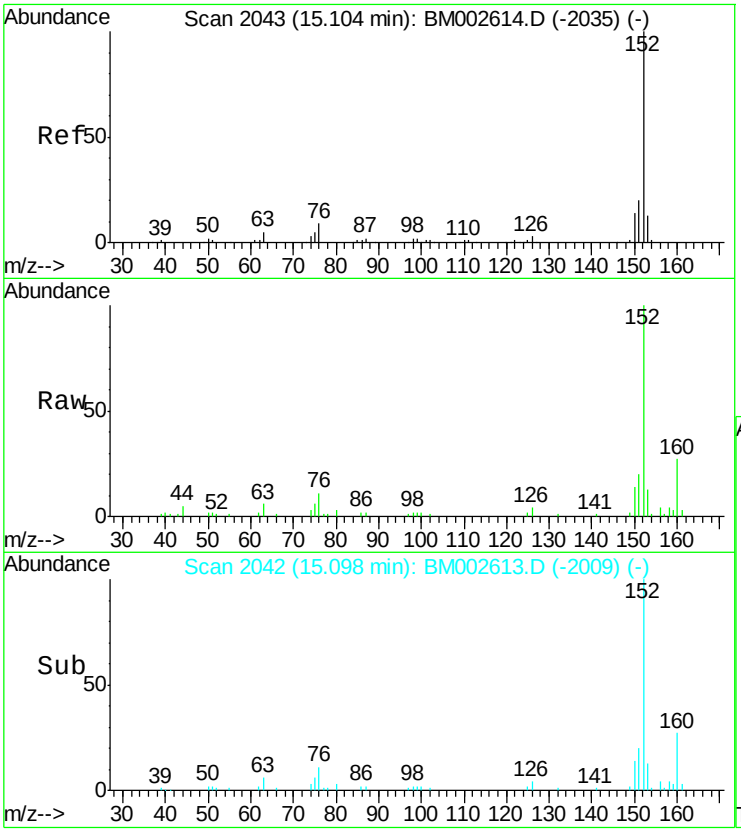
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM083115\
Data File : BM002613.D
Acq On : 01 Sep 2015 05:45
Operator : UM/IZ
Sample : G3457-05
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Sep 01 06:40:28 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM081415MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 01 02:00:58 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9EA9

Manual Integrations APPROVED
MMDadoda
9/1/2015 2:58:37 PM

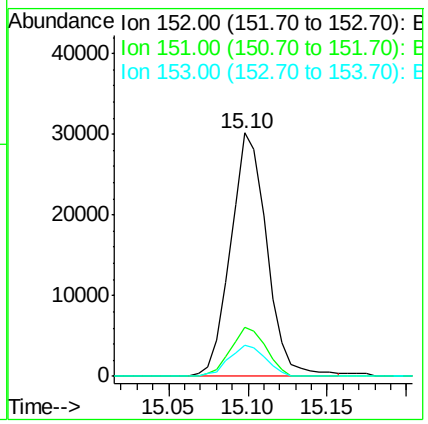




#8
Acenaphthylene
Concen: 1.43 ng/ul
RT: 15.10 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BM002613.D
Acq: 01 Sep 2015 05:45

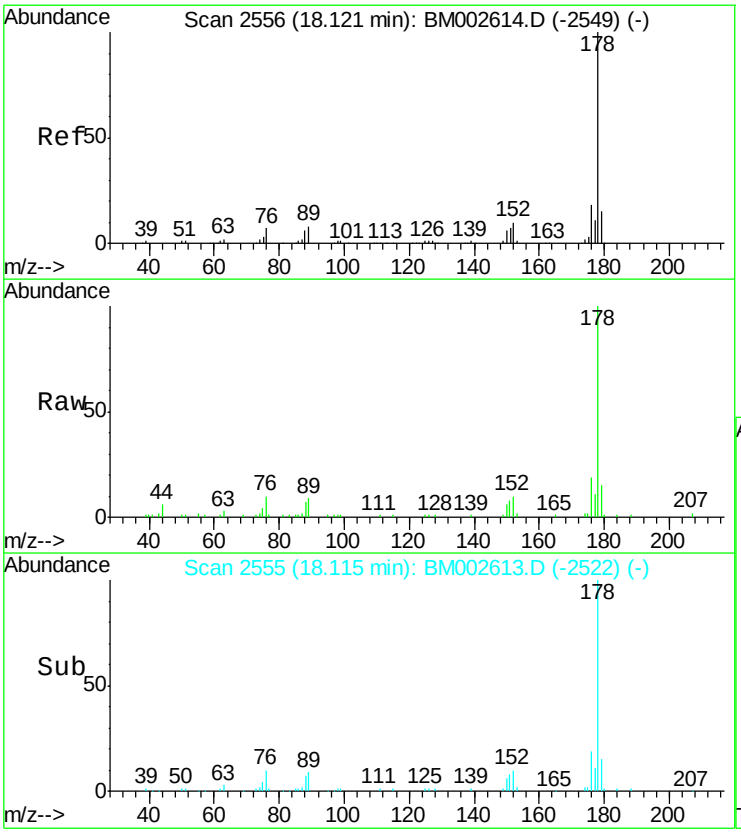
Tgt Ion:152 Resp: 47745

Ion	Ratio	Lower	Upper
152	100		
151	20.4	15.7	23.5
153	12.6	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
D9EA9

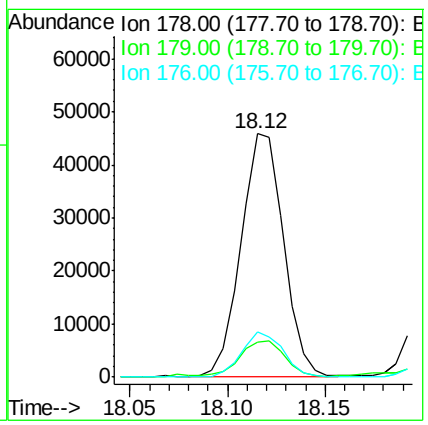
Manual Integrations APPROVED
MMDadoda
9/1/2015 2:58:37 PM

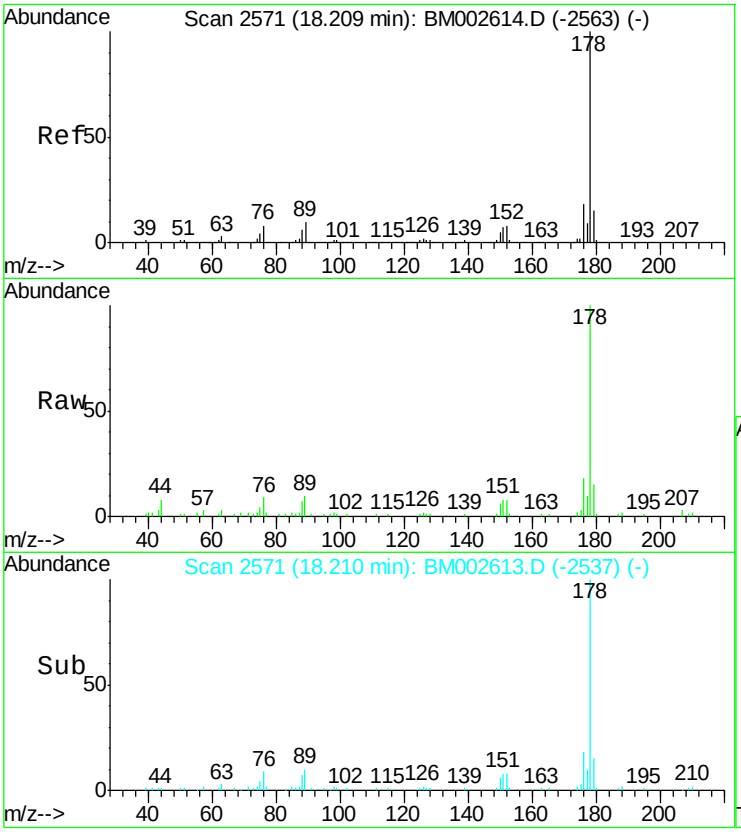


#13
Phenanthrene
Concen: 2.04 ng/ul
RT: 18.12 min Scan# 2555
Delta R.T. -0.01 min
Lab File: BM002613.D
Acq: 01 Sep 2015 05:45

Tgt Ion:178 Resp: 69615

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.4	18.6
176	18.7	15.1	22.7

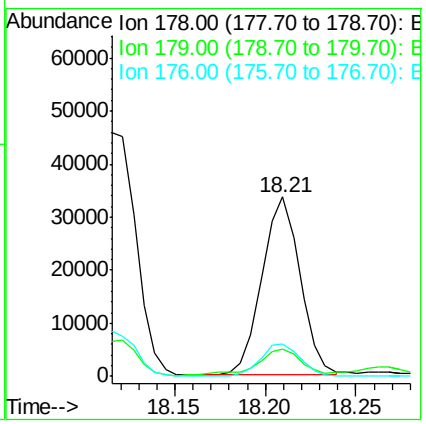




#15
Anthracene
Concen: 1.42 ng/ul
RT: 18.21 min Scan# 2571
Delta R.T. 0.00 min
Lab File: BM002613.D
Acq: 01 Sep 2015 05:45

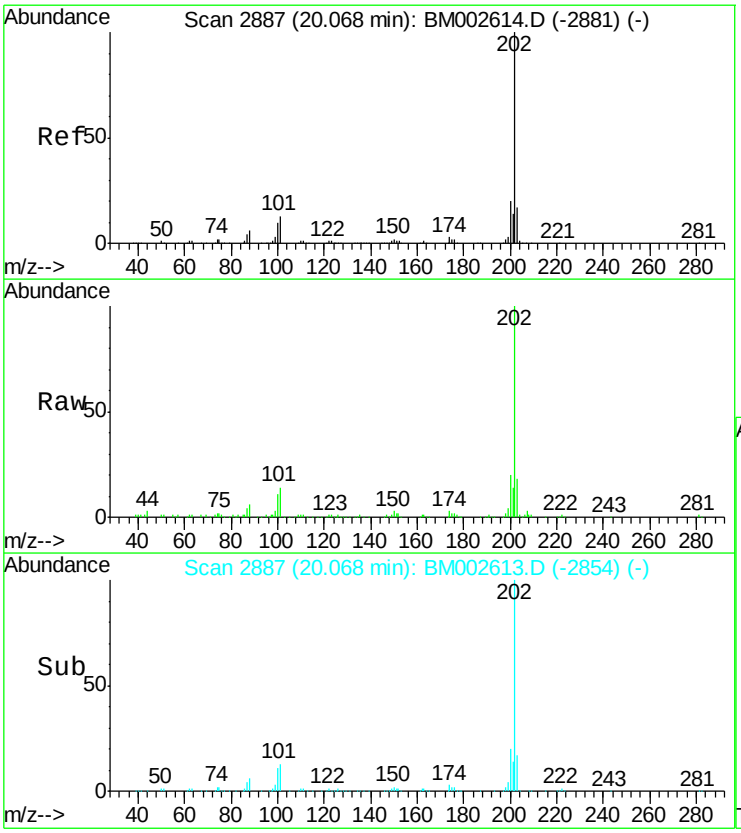
Tgt Ion:178 Resp: 48972

Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	18.8
176	18.0	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
D9EA9

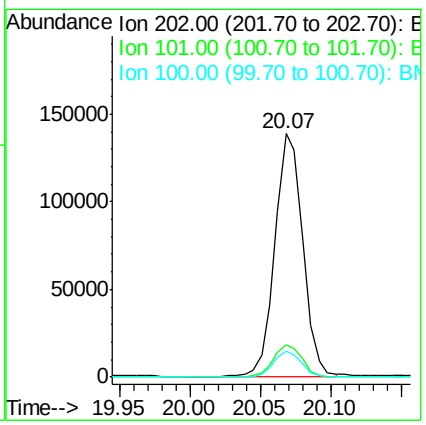
Manual Integrations APPROVED
MMDadoda
9/1/2015 2:58:37 PM

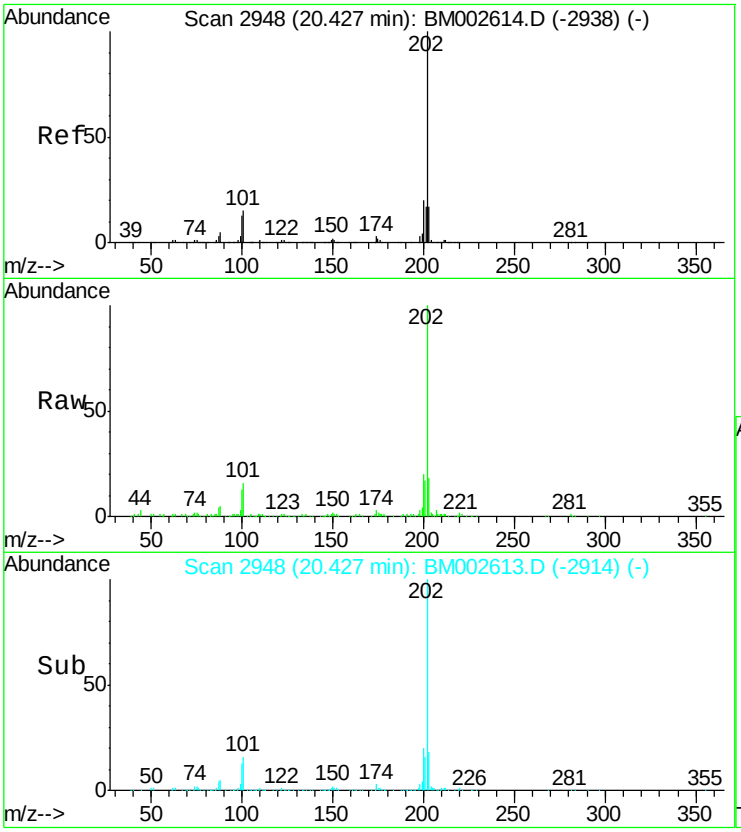


#16
Fluoranthene
Concen: 4.93 ng/ul
RT: 20.07 min Scan# 2887
Delta R.T. -0.01 min
Lab File: BM002613.D
Acq: 01 Sep 2015 05:45

Tgt Ion:202 Resp: 190418

Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.7	14.5
100	10.6	7.4	11.2

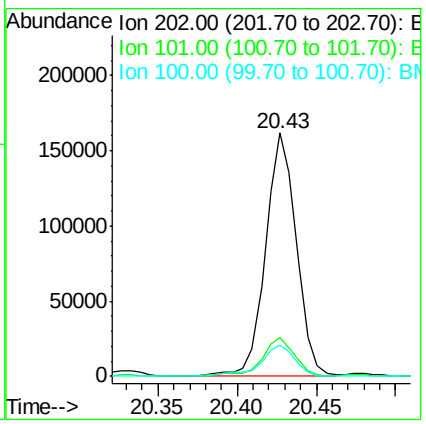




#19
Pyrene
Concen: 8.64 ng/ul
RT: 20.43 min Scan# 2948
Delta R.T. 0.00 min
Lab File: BM002613.D
Acq: 01 Sep 2015 05:45

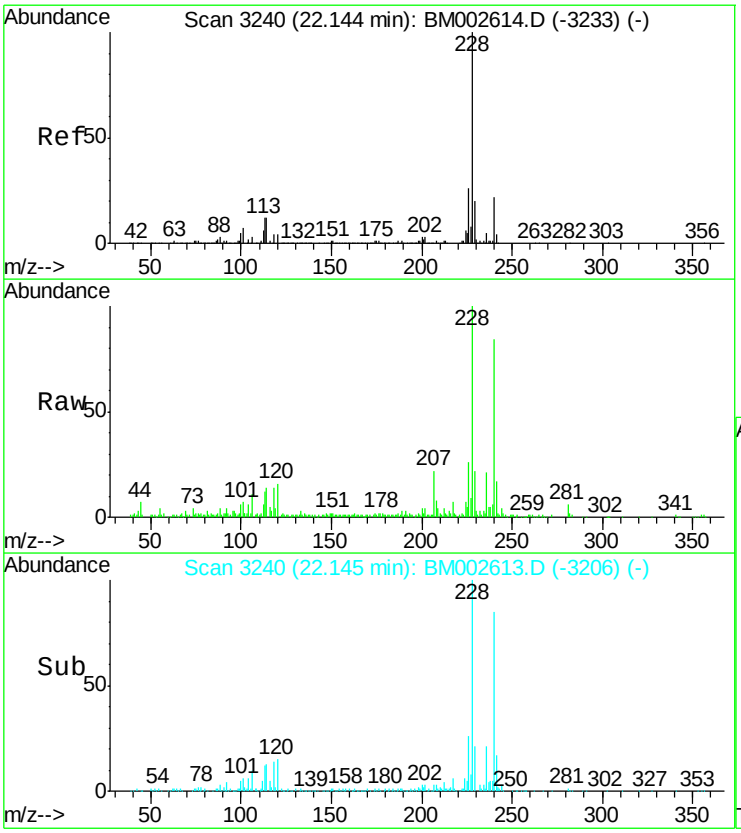
Tgt Ion:202 Resp: 217953

Ion	Ratio	Lower	Upper
202	100		
101	15.9	12.0	18.0
100	12.7	9.7	14.5



Instrument :
BNA_M
ClientSampleId :
D9EA9

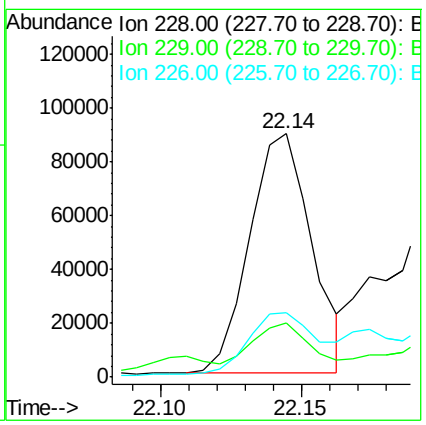
Manual Integrations APPROVED
MMDadoda
9/1/2015 2:58:37 PM

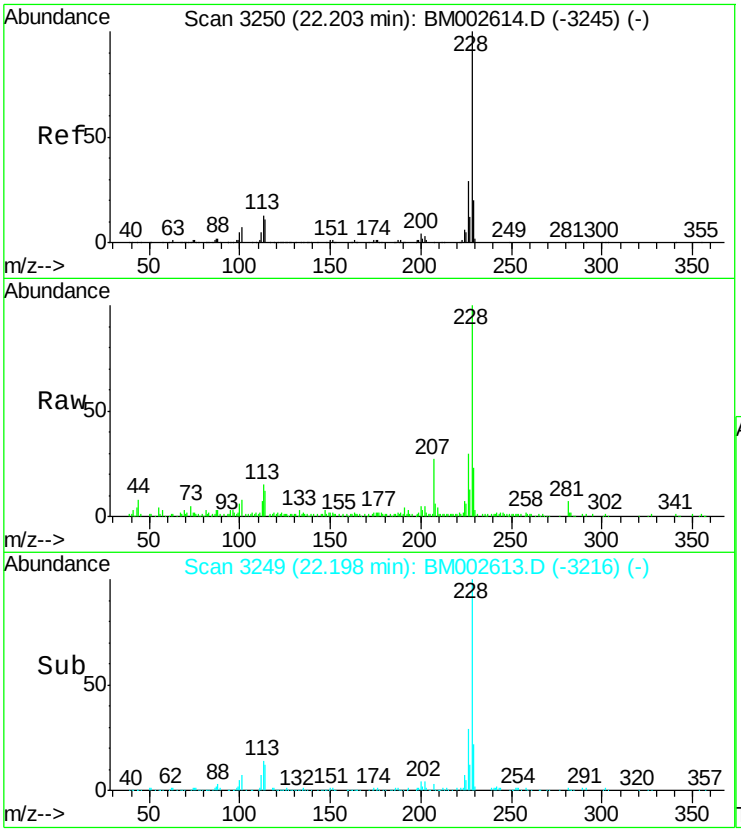


#20
Benzo(a)anthracene
Concen: 5.27 ng/ul
RT: 22.14 min Scan# 3240
Delta R.T. 0.00 min
Lab File: BM002613.D
Acq: 01 Sep 2015 05:45

Tgt Ion:228 Resp: 135724

Ion	Ratio	Lower	Upper
228	100		
229	22.4	15.8	23.6
226	26.3	21.1	31.7

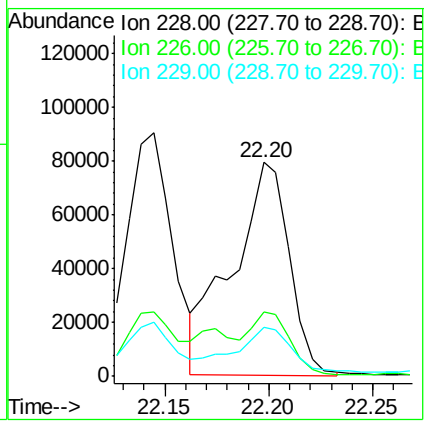




#21
Chrysene
Concen: 6.25 ng/ul m
RT: 22.20 min Scan# 3249
Delta R.T. -0.01 min
Lab File: BM002613.D
Acq: 01 Sep 2015 05:45

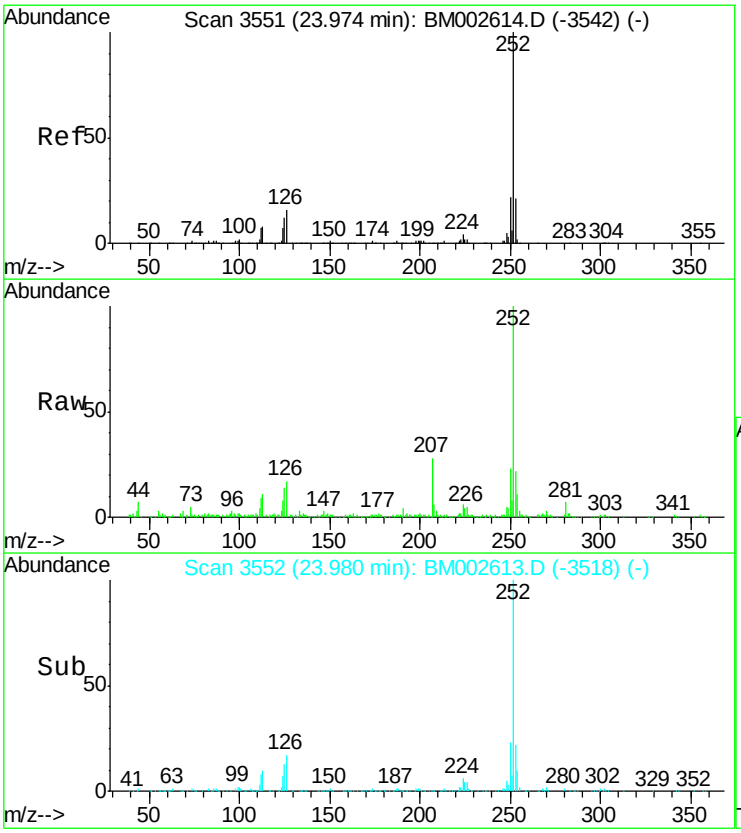
Tgt Ion:228 Resp: 150684

Ion	Ratio	Lower	Upper
228	100		
226	29.9	23.4	35.2
229	22.9	15.7	23.5



Instrument :
BNA_M
ClientSampleId :
D9EA9

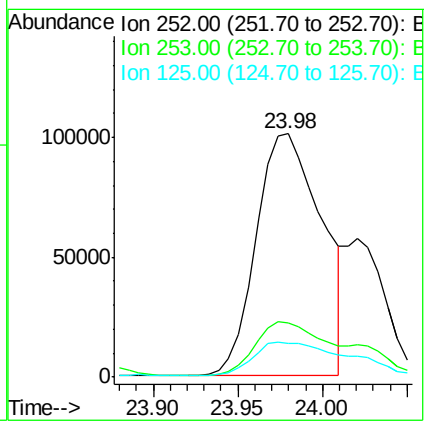
Manual Integrations APPROVED
MMDadoda
9/1/2015 2:58:37 PM

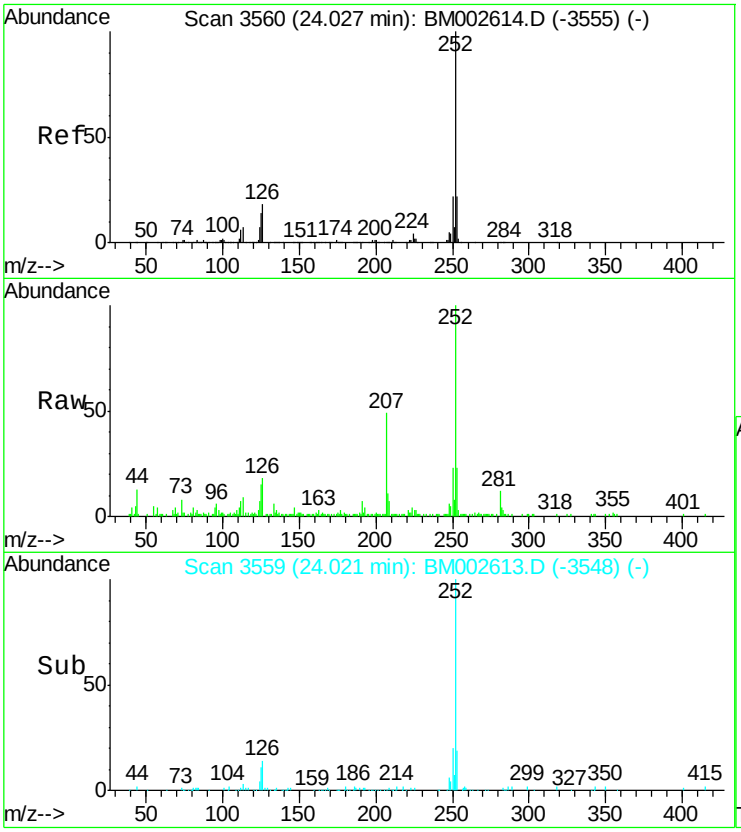


#23
Benzo(b)fluoranthene
Concen: 10.42 ng/ul
RT: 23.98 min Scan# 3552
Delta R.T. 0.00 min
Lab File: BM002613.D
Acq: 01 Sep 2015 05:45

Tgt Ion:252 Resp: 272755

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.4	26.0
125	13.9	10.0	15.0

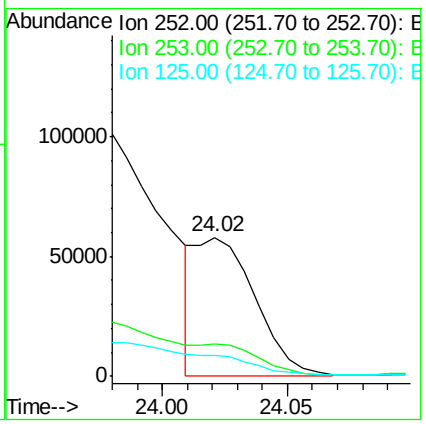




#24
Benzo(k)fluoranthene
Concen: 3.83 ng/ul m
RT: 24.02 min Scan# 3559
Delta R.T. -0.01 min
Lab File: BM002613.D
Acq: 01 Sep 2015 05:45

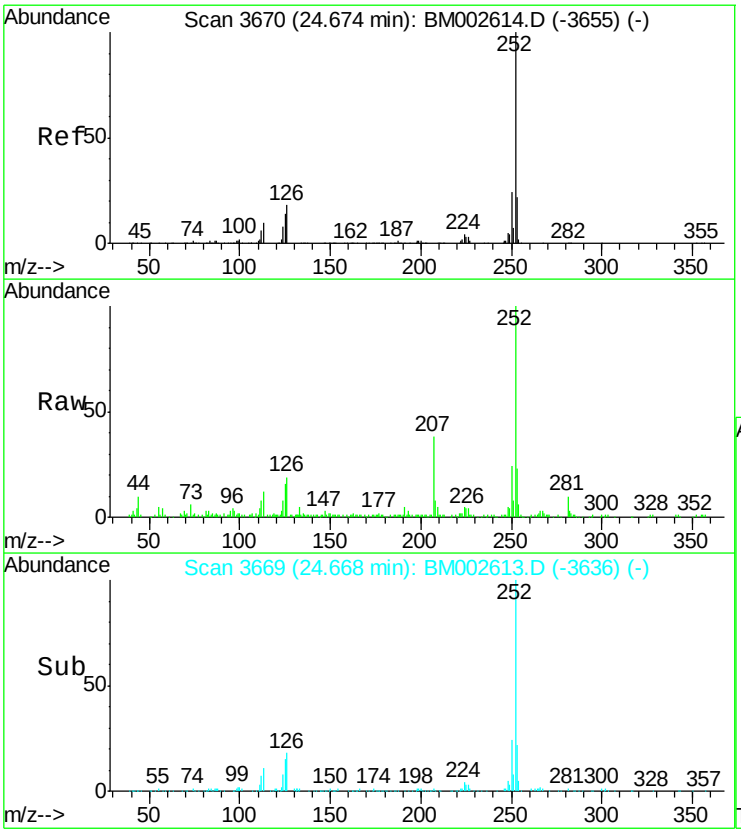
Tgt Ion:252 Resp: 94939

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	15.1	9.8	14.8#



Instrument :
BNA_M
ClientSampleId :
D9EA9

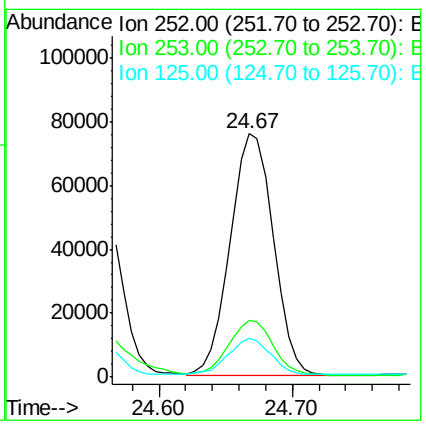
Manual Integrations APPROVED
MMDadoda
9/1/2015 2:58:37 PM

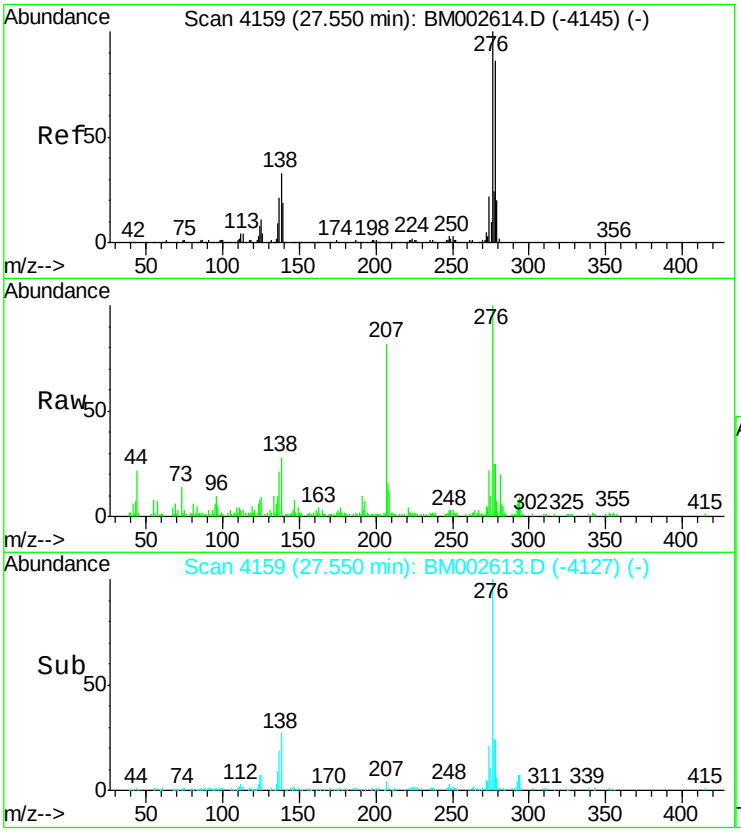


#26
Benzo(a)pyrene
Concen: 6.79 ng/ul
RT: 24.67 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BM002613.D
Acq: 01 Sep 2015 05:45

Tgt Ion:252 Resp: 169623

Ion	Ratio	Lower	Upper
252	100		
253	23.3	17.6	26.4
125	15.7	10.7	16.1

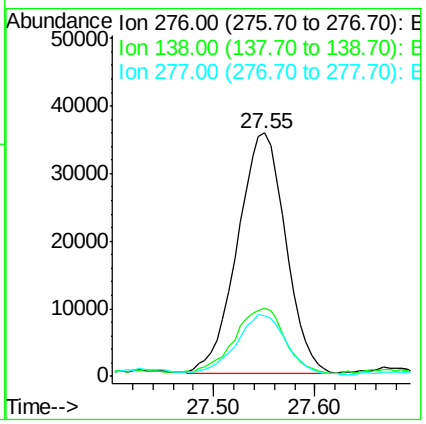




#27
Indeno(1,2,3-cd)pyrene
Concen: 4.06 ng/ul
RT: 27.55 min Scan# 4159
Delta R.T. -0.01 min
Lab File: BM002613.D
Acq: 01 Sep 2015 05:45

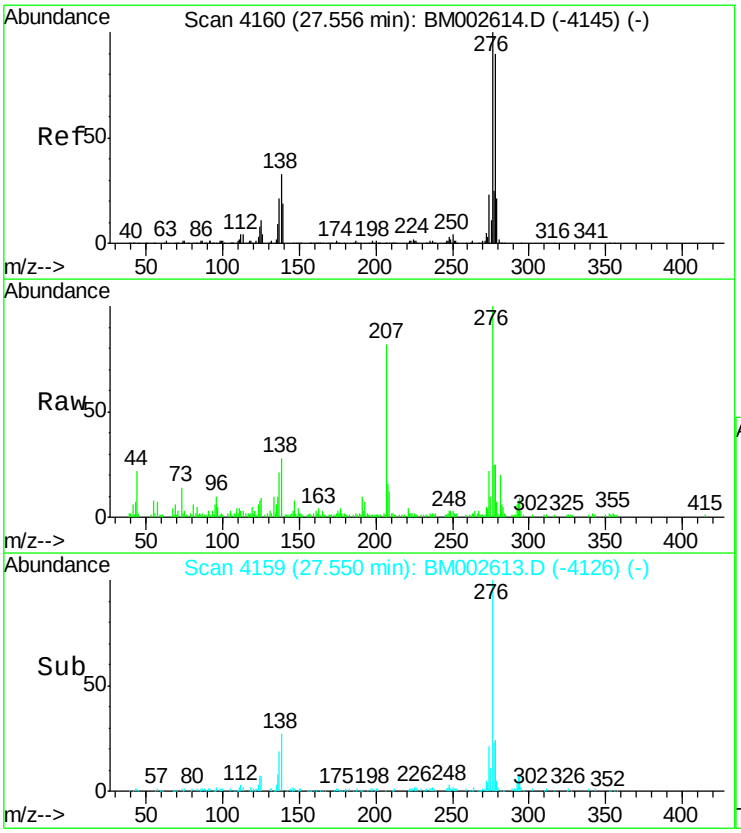
Tgt Ion:276 Resp: 116624

Ion	Ratio	Lower	Upper
276	100		
138	28.2	25.3	37.9
277	25.0	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
D9EA9

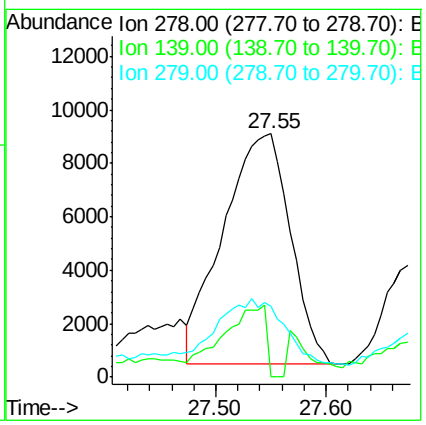
Manual Integrations APPROVED
MMDadoda
9/1/2015 2:58:37 PM

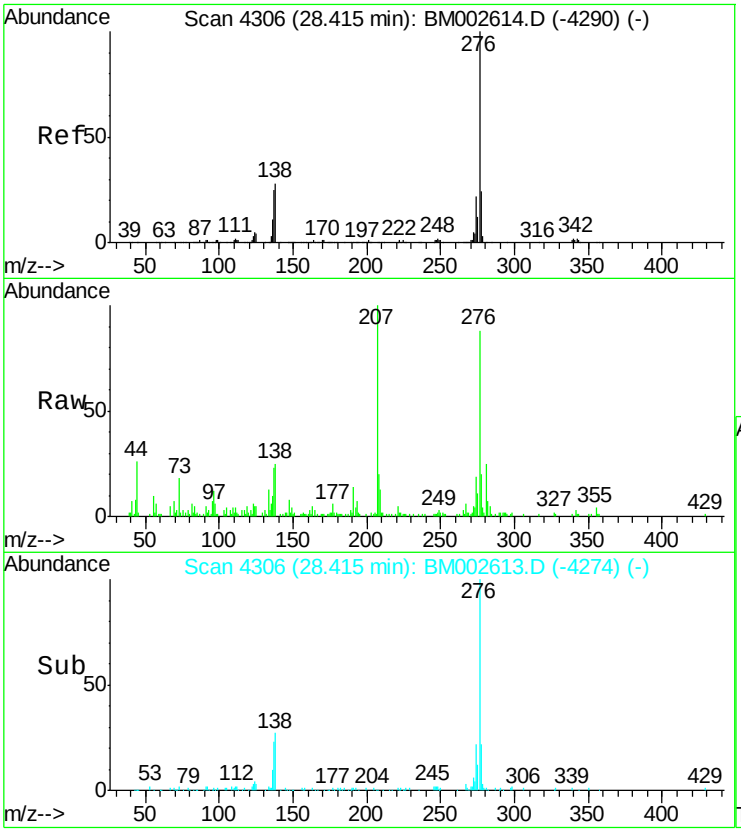


#28
Dibenzo(a,h)anthracene
Concen: 1.52 ng/ul
RT: 27.55 min Scan# 4159
Delta R.T. -0.01 min
Lab File: BM002613.D
Acq: 01 Sep 2015 05:45

Tgt Ion:278 Resp: 36533

Ion	Ratio	Lower	Upper
278	100		
139	0.0	16.5	24.7#
279	29.3	18.8	28.2#

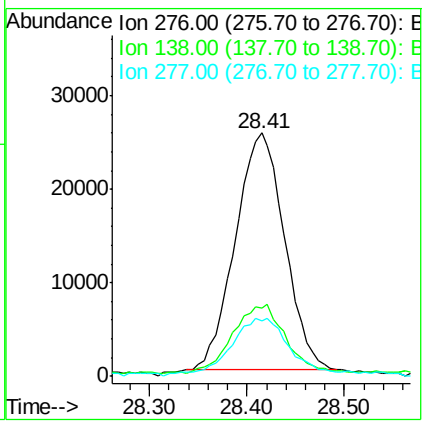




#29
Benzo(g,h,i)perylene
Concen: 3.72 ng/ul
RT: 28.41 min Scan# 4306
Delta R.T. -0.01 min
Lab File: BM002613.D
Acq: 01 Sep 2015 05:45

Tgt Ion:276 Resp: 89119

Ion	Ratio	Lower	Upper
276	100		
138	28.0	21.0	31.6
277	22.9	19.2	28.8



Instrument :
BNA_M
ClientSampleId :
D9EA9

Manual Integrations APPROVED
MMDadoda
9/1/2015 2:58:37 PM