Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002221.D
Acq On : 04 Aug 2015 22:05
Operator : TP/UM
Sample : G3073-02RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C01L3RE

Manual Integrations APPROVED
MMDadoda
8/7/2015 4:42:43 PM

Quant Time: Aug 05 04:26:31 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:56:04 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.52	152	67049	20.00	ng/ul	0.00
18) Naphthalene-d8	10.31	136	275266	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.20	164	162818	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.95	188	363504	20.00	ng/ul	0.00
78) Chrysene-d12	21.17	240	403598	20.00	ng/ul	0.00
86) Perylene-d12	23.35	264	379833	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	2.97	96	3498	2.96	ng/uL	0.00
5) Phenol-d5	6.72	99	77703	15.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	41311	15.87	ng/ul	0.00
9) 2-Chlorophenol-d4	7.06	132	67332	15.82	ng/ul	0.00
13) 4-Methylphenol-d8	8.25	113	63194	15.28	ng/ul	0.00
19) Nitrobenzene-d5	8.69	128	31495	15.78	ng/ul	0.00
22) 2-Nitrophenol-d4	9.40	143	36174	15.37	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	67067	14.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.46	131	63013	12.64	ng/ul	0.00
44) Dimethylphthalate-d6	13.61	166	187046	15.79	ng/ul	0.00
47) Acenaphthylene-d8	13.89	160	228196	15.25	ng/ul	0.00
52) 4-Nitrophenol-d4	14.45	143	18943	12.35	ng/ul	0.00
58) Fluorene-d10	15.20	176	156711	14.98	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.35	200	13291	6.35	ng/ul	0.00
71) Anthracene-d10	17.05	188	234208	14.48	ng/ul	0.00
79) Pyrene-d10	19.36	212	247493	12.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.21	264	272112	14.75	ng/ul	0.00
Target Compounds						Qvalue
45) Dimethylphthalate	13.66	163	53493	4.53	ng/ul	99
48) Acenaphthylene	13.92	152	119624	7.84	ng/ul	100
59) Fluorene	15.25	166	20794	1.75	ng/ul#	96
70) Phenanthrene	17.00	178	323963	17.36	ng/ul	100
72) Anthracene	17.09	178	127173	6.67	ng/ul	98
77) Fluoranthene	19.03	202	1354040	66.29	ng/ul	99
80) Pyrene	19.39	202	1081638	43.60	ng/ul	99
83) Benzo(a)anthracene	21.15	228	755728	33.42	ng/ul	94
85) Chrysene	21.20	228	701787	33.71	ng/ul	98
88) Benzo(b)fluoranthene	22.70	252	1064587	49.74	ng/ul	98
89) Benzo(k)fluoranthene	22.74	252	331614m	16.00	ng/ul	
91) Benzo(a)pyrene	23.26	252	693709	33.94	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	25.54	276	492053	21.36	ng/ul	97
93) Dibenzo(a,h)anthracene	25.54	278	140156	7.14	ng/ul#	82
94) Benzo(g,h,i)perylene	26.22	276	414752	21.62	ng/ul	100

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

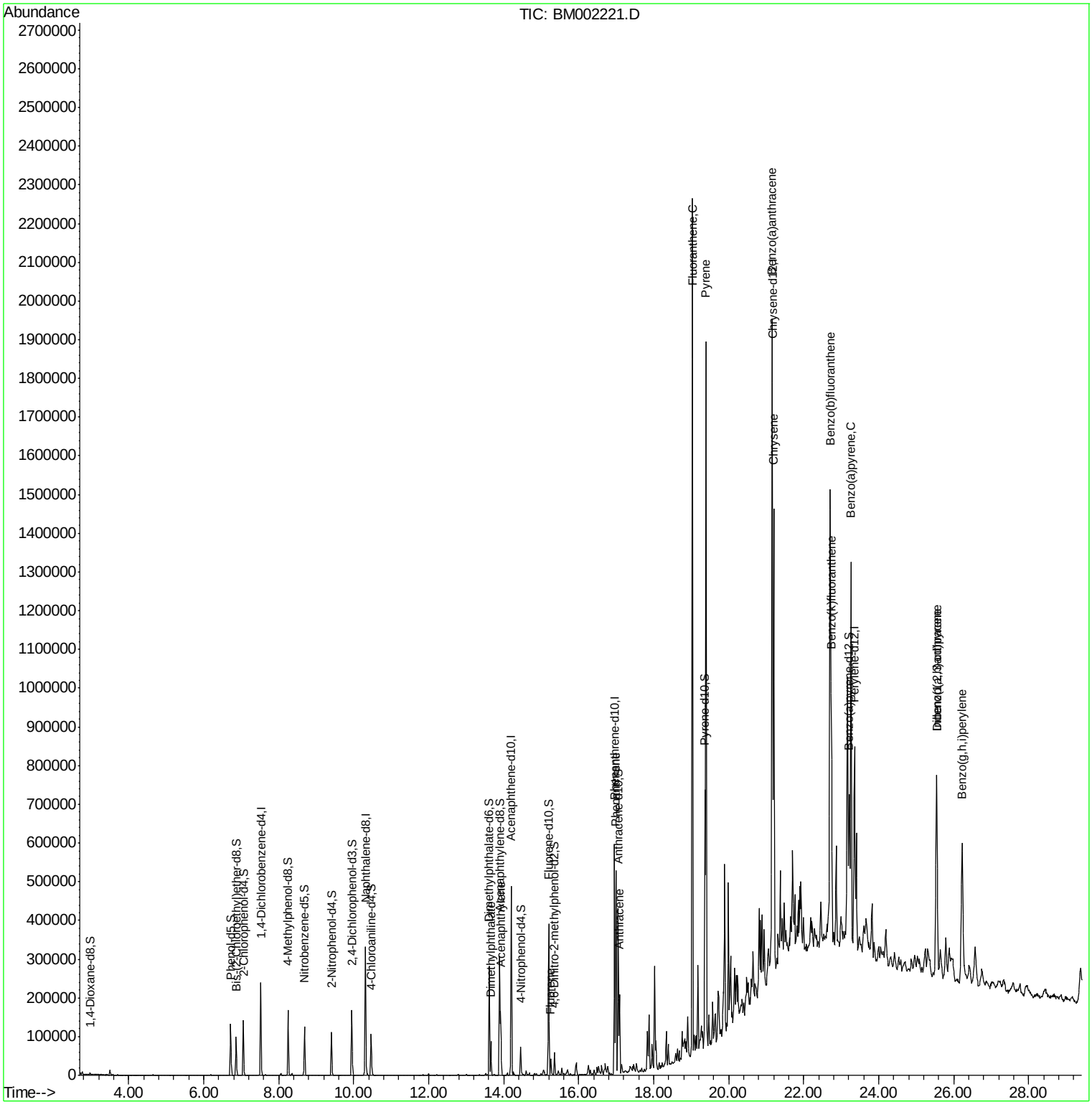
Quantitation Report (LSC Reviewed)

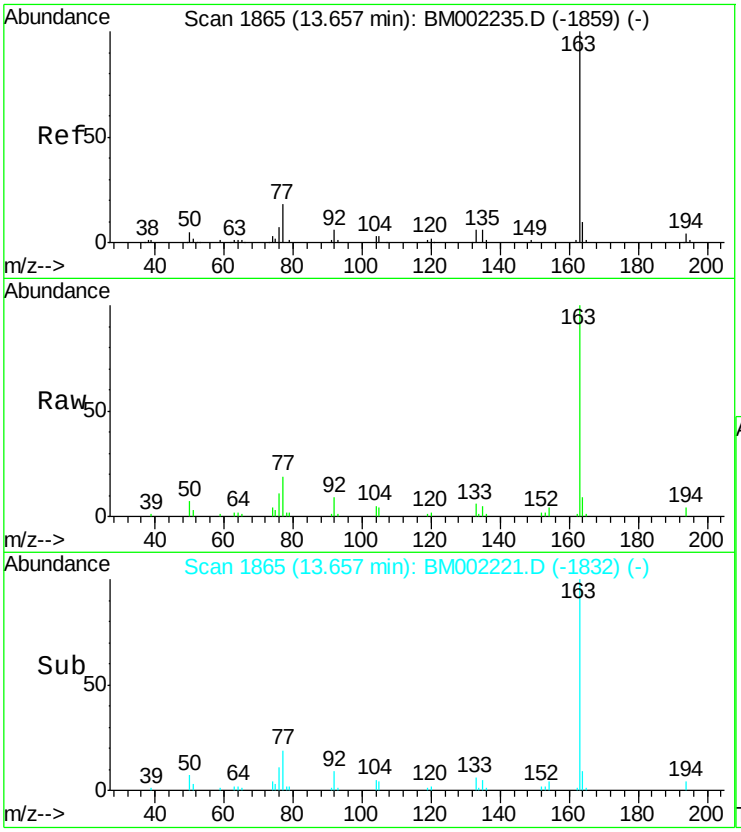
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080415\
Data File : BM002221.D
Acq On : 04 Aug 2015 22:05
Operator : TP/UM
Sample : G3073-02RE
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Aug 05 04:26:31 2015
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM080415.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Aug 05 02:56:04 2015
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C01L3RE

Manual Integrations APPROVED
MMDadoda
8/7/2015 4:42:43 PM

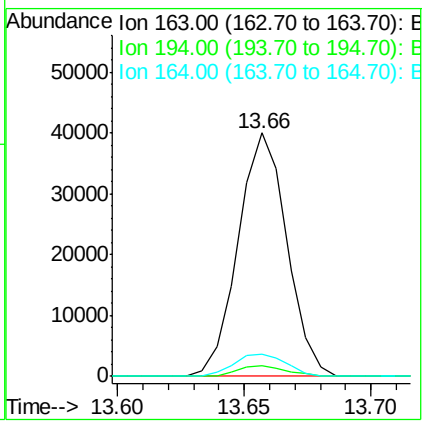




#45
Dimethylphthalate
Concen: 4.53 ng/ul
RT: 13.66 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

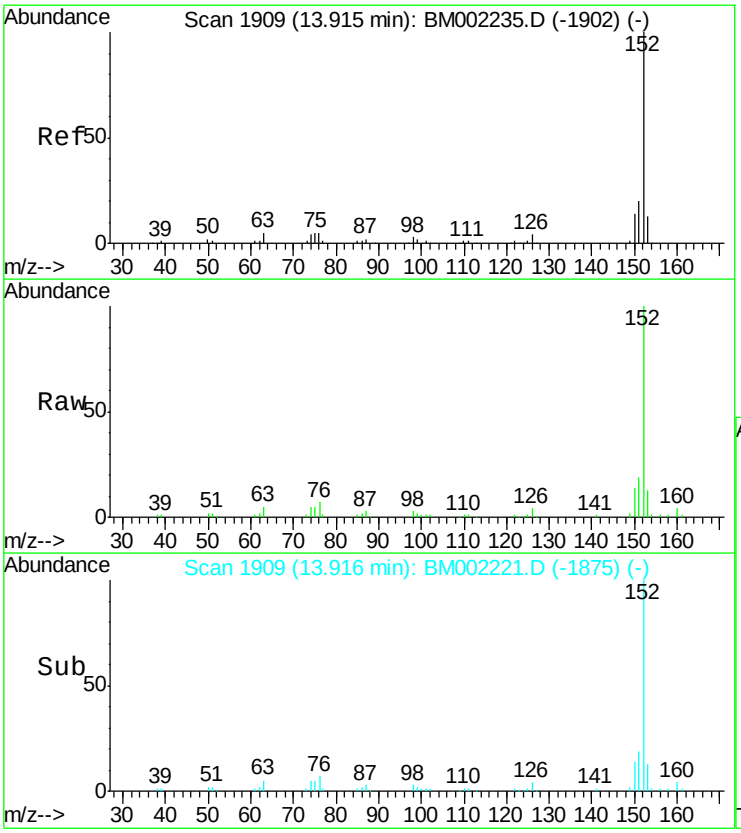
Tgt Ion:163 Resp: 53493

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.2
164	9.3	7.9	11.9



Instrument :
BNA_M
ClientSampleId :
C01L3RE

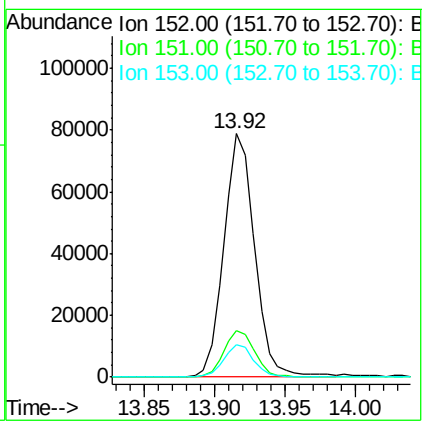
Manual Integrations APPROVED
MMDadoda
8/7/2015 4:42:43 PM

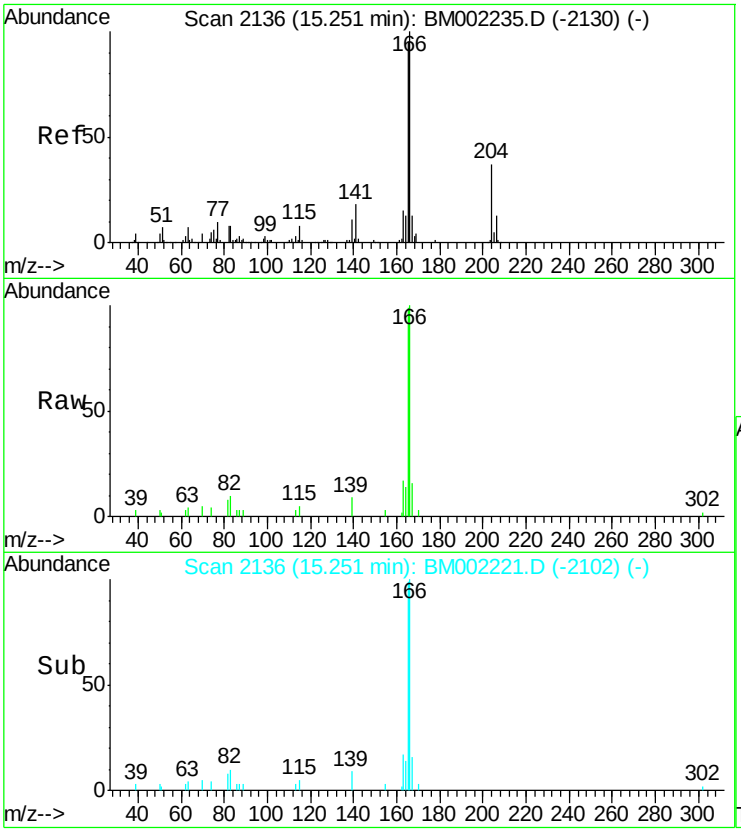


#48
Acenaphthylene
Concen: 7.84 ng/ul
RT: 13.92 min Scan# 1909
Delta R.T. 0.00 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

Tgt Ion:152 Resp: 119624

Ion	Ratio	Lower	Upper
152	100		
151	18.9	15.2	22.8
153	13.2	10.3	15.5

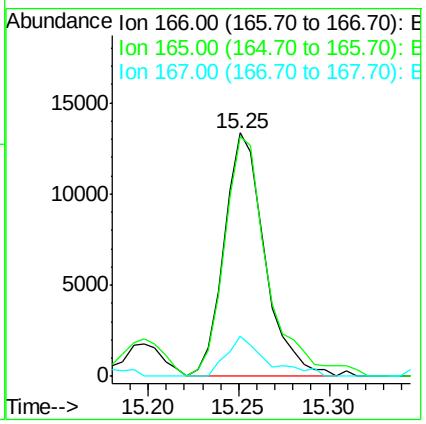




#59
Fluorene
Concen: 1.75 ng/ul
RT: 15.25 min Scan# 2136
Delta R.T. 0.00 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

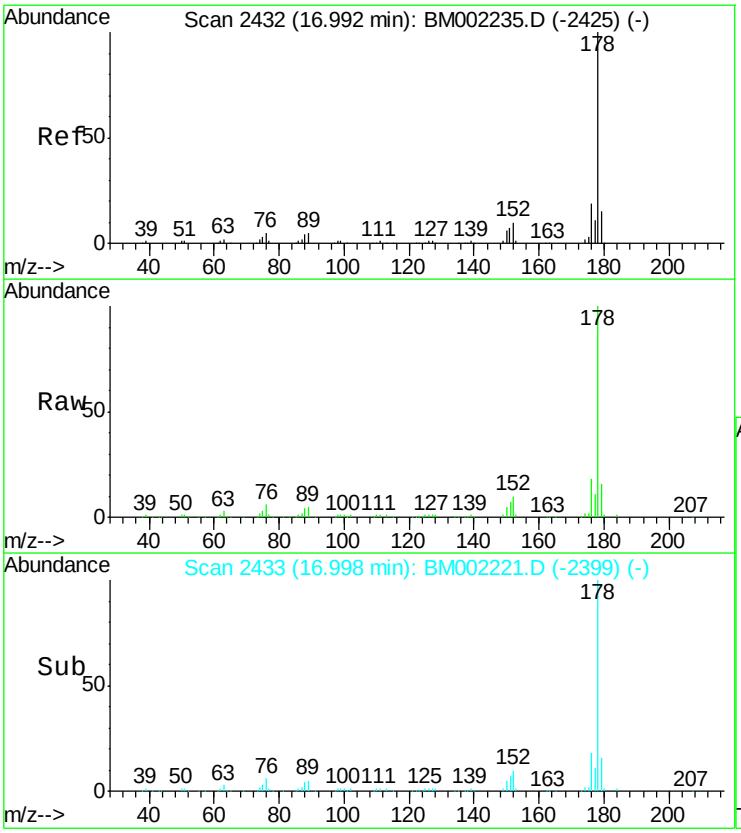
Tgt Ion:166 Resp: 20794

Ion	Ratio	Lower	Upper
166	100		
165	98.7	76.0	114.0
167	16.3	10.5	15.7#



Instrument :
BNA_M
ClientSampleId :
C01L3RE

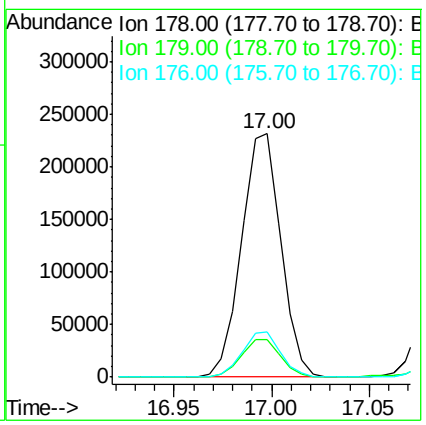
Manual Integrations APPROVED
MMDadoda
8/7/2015 4:42:43 PM

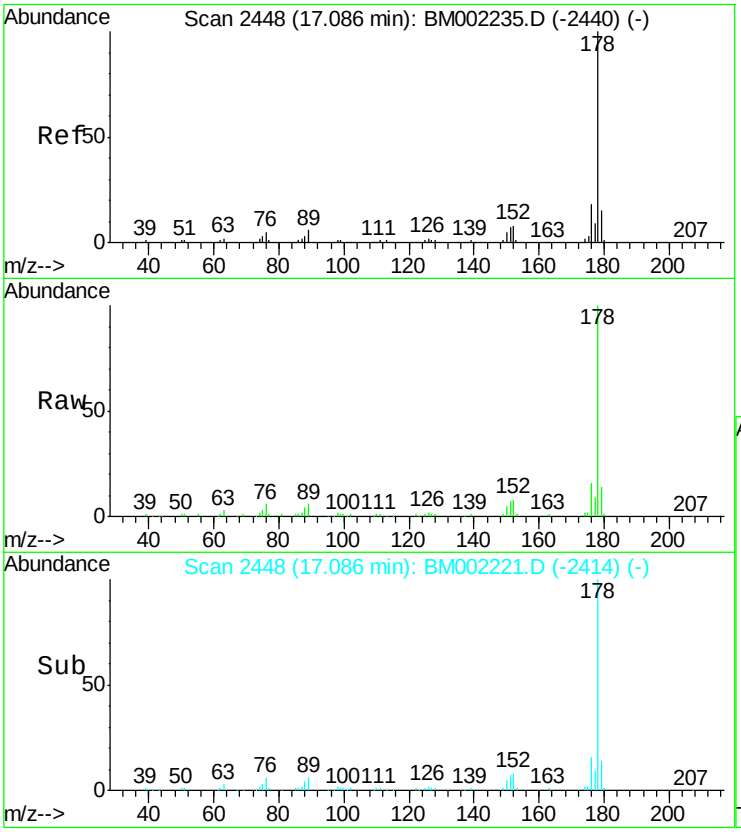


#70
Phenanthrene
Concen: 17.36 ng/ul
RT: 17.00 min Scan# 2433
Delta R.T. 0.00 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

Tgt Ion:178 Resp: 323963

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.3	14.6	21.8

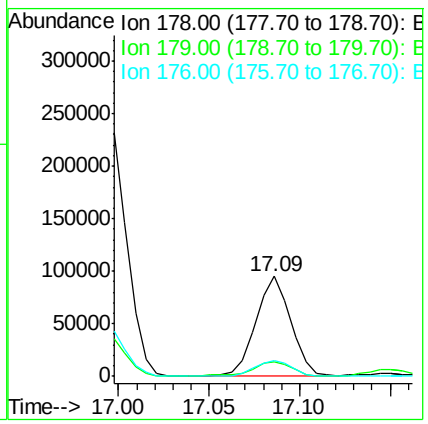




#72
Anthracene
Concen: 6.67 ng/ul
RT: 17.09 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

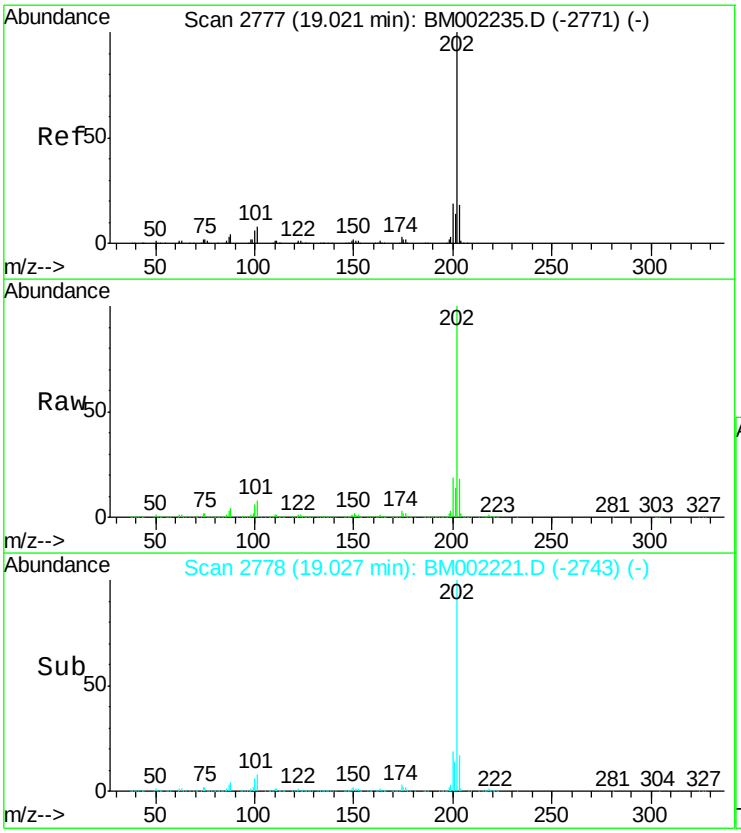
Tgt Ion:178 Resp: 127173

Ion	Ratio	Lower	Upper
178	100		
179	14.5	12.2	18.2
176	16.0	13.8	20.6



Instrument :
BNA_M
ClientSampleId :
C01L3RE

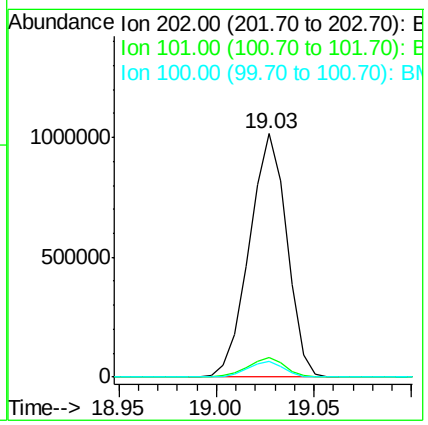
Manual Integrations APPROVED
MMDadoda
8/7/2015 4:42:43 PM

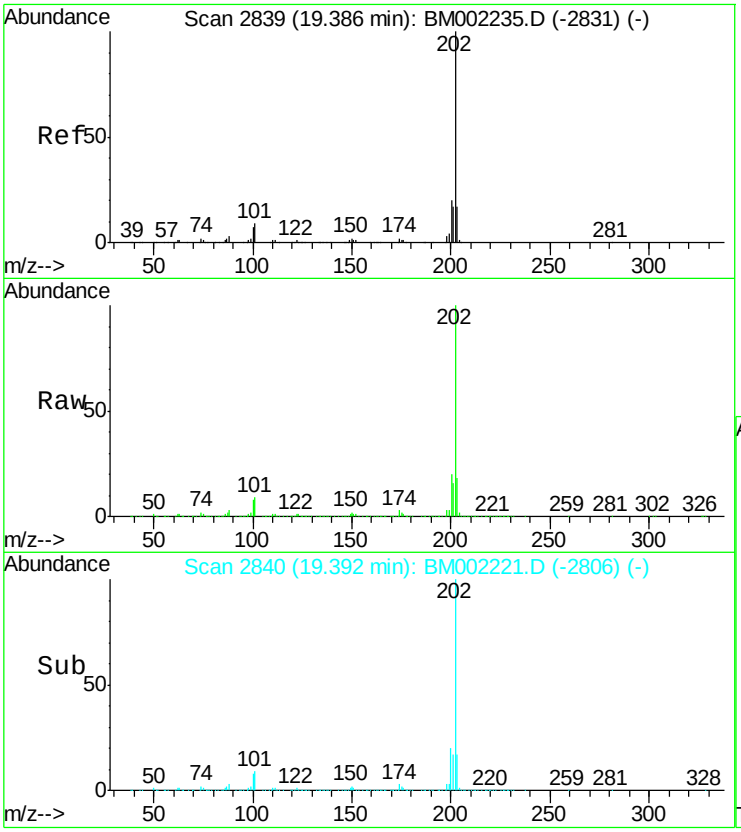


#77
Fluoranthene
Concen: 66.29 ng/ul
RT: 19.03 min Scan# 2778
Delta R.T. 0.01 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

Tgt Ion:202 Resp: 1354040

Ion	Ratio	Lower	Upper
202	100		
101	8.0	6.2	9.2
100	6.3	4.8	7.2

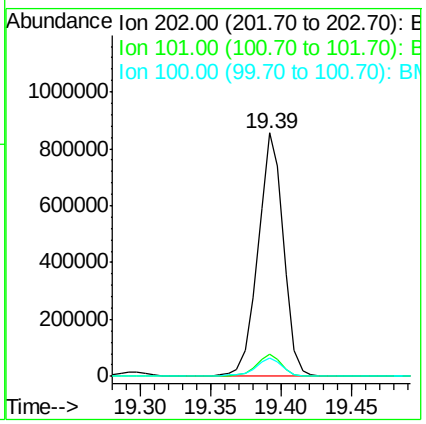




#80
Pyrene
Concen: 43.60 ng/ul
RT: 19.39 min Scan# 2840
Delta R.T. 0.00 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

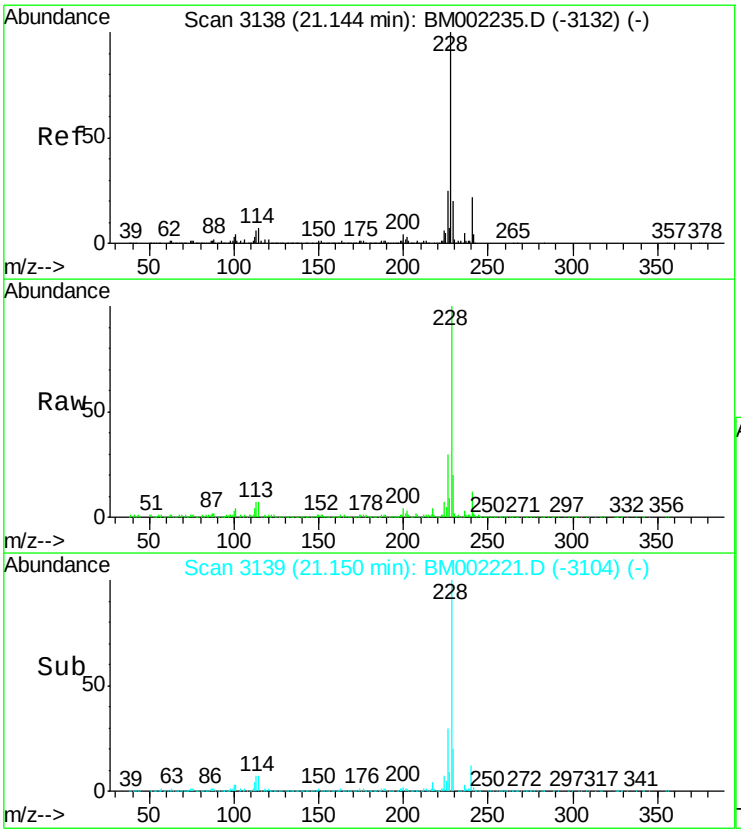
Tgt Ion:202 Resp: 1081638

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.0	10.6
100	7.7	5.8	8.8



Instrument :
BNA_M
ClientSampleId :
C01L3RE

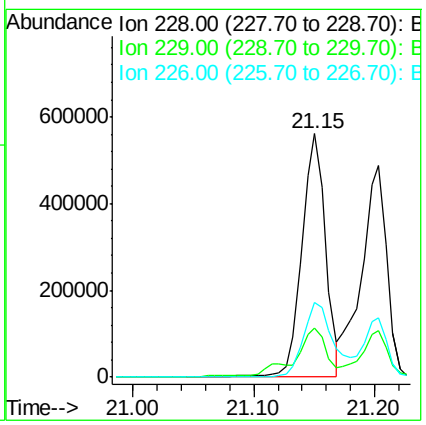
Manual Integrations APPROVED
MMDadoda
8/7/2015 4:42:43 PM

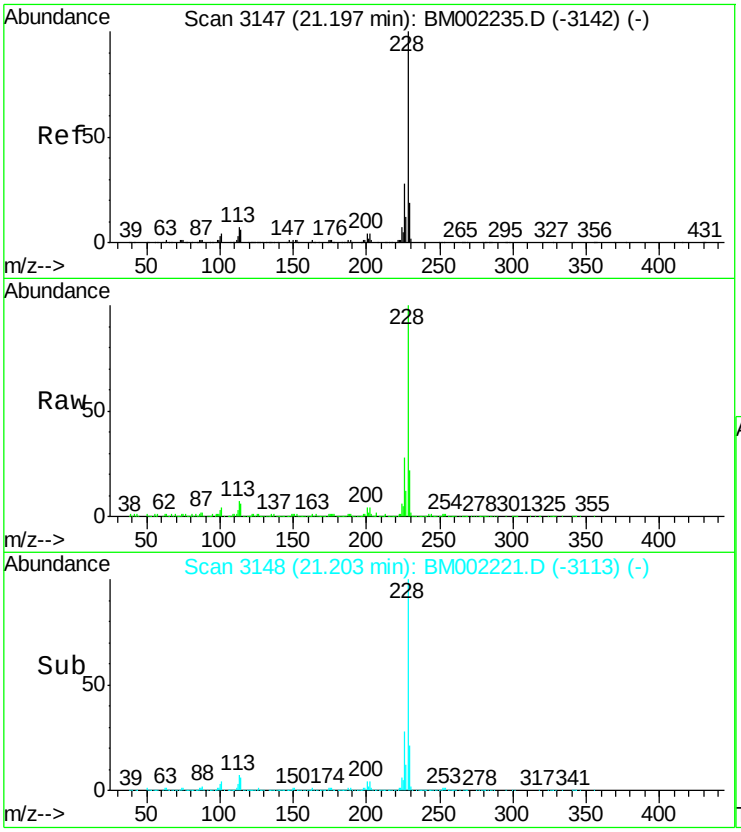


#83
Benzo(a)anthracene
Concen: 33.42 ng/ul
RT: 21.15 min Scan# 3139
Delta R.T. 0.01 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

Tgt Ion:228 Resp: 755728

Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.9	23.9
226	30.5	20.6	31.0

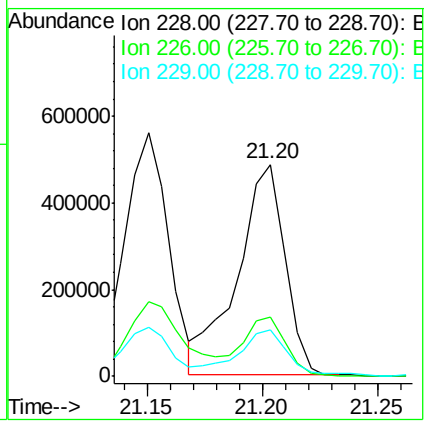




#85
Chrysene
Concen: 33.71 ng/ul
RT: 21.20 min Scan# 3148
Delta R.T. 0.01 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

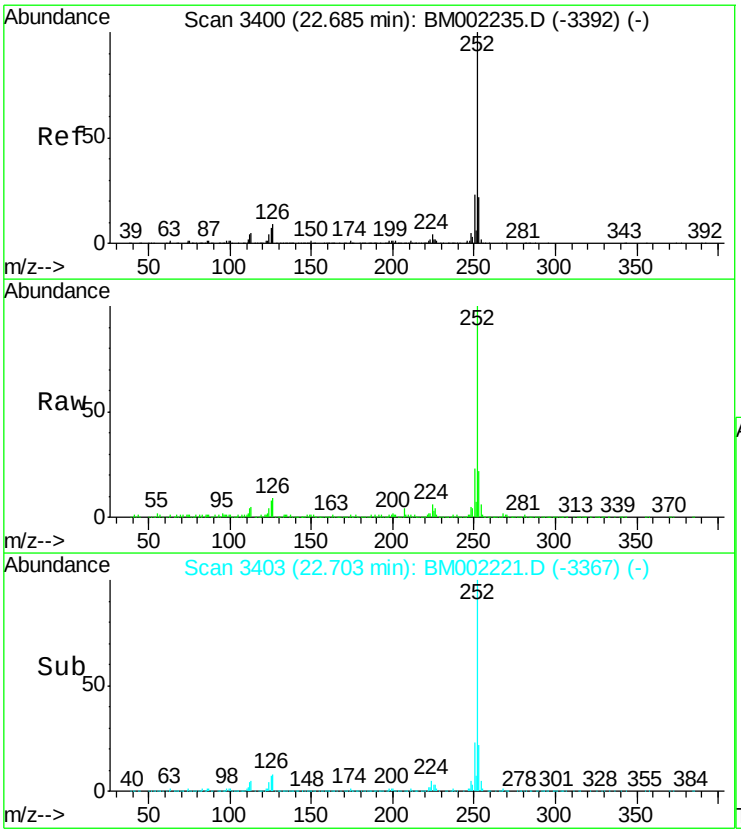
Tgt Ion:228 Resp: 701787

Ion	Ratio	Lower	Upper
228	100		
226	28.1	22.2	33.4
229	21.7	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
C01L3RE

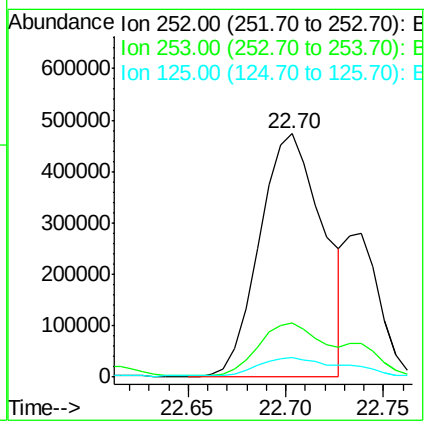
Manual Integrations APPROVED
MMDadoda
8/7/2015 4:42:43 PM

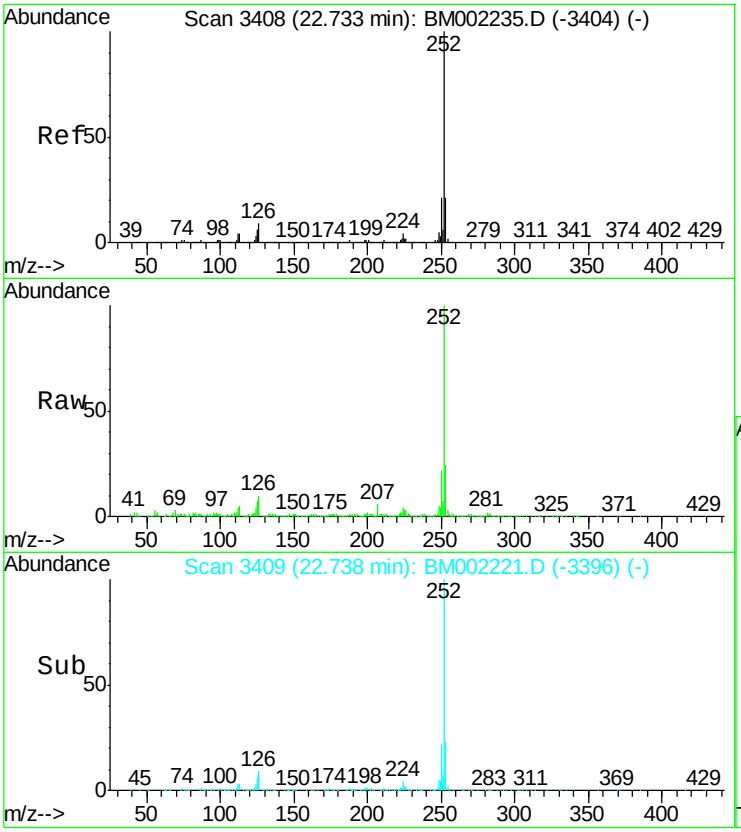


#88
Benzo(b)fluoranthene
Concen: 49.74 ng/ul
RT: 22.70 min Scan# 3403
Delta R.T. 0.01 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

Tgt Ion:252 Resp: 1064587

Ion	Ratio	Lower	Upper
252	100		
253	22.4	17.4	26.0
125	7.9	5.4	8.2

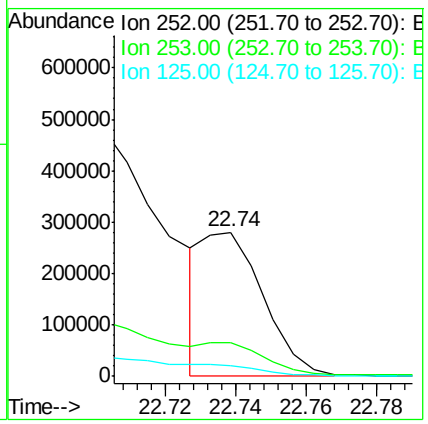




#89
Benzo(k)fluoranthene
Concen: 16.00 ng/ul m
RT: 22.74 min Scan# 3409
Delta R.T. 0.01 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

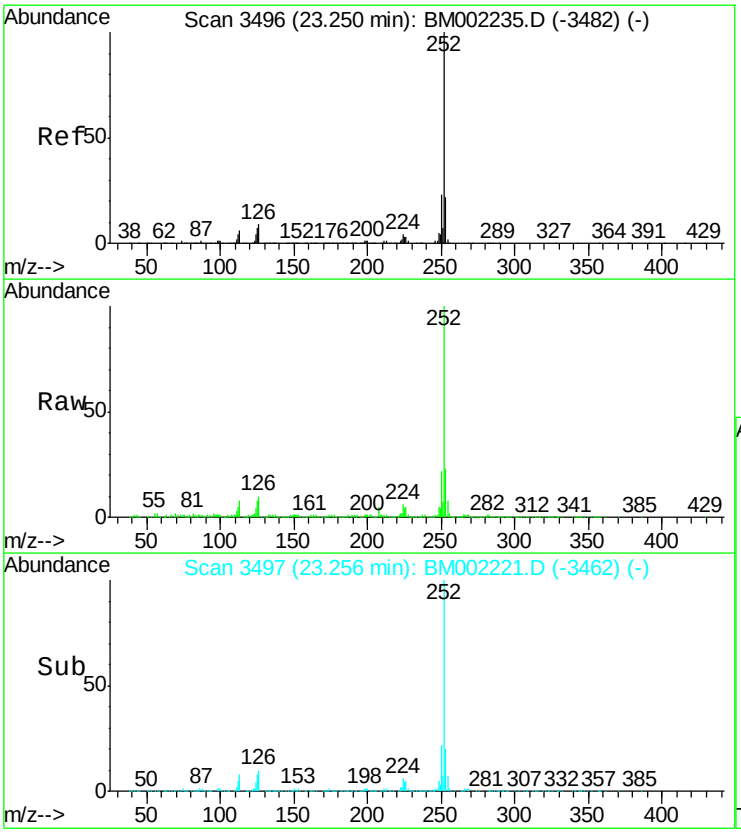
Tgt Ion:252 Resp: 331614

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.4	26.2
125	7.4	5.6	8.4



Instrument :
BNA_M
ClientSampleId :
C01L3RE

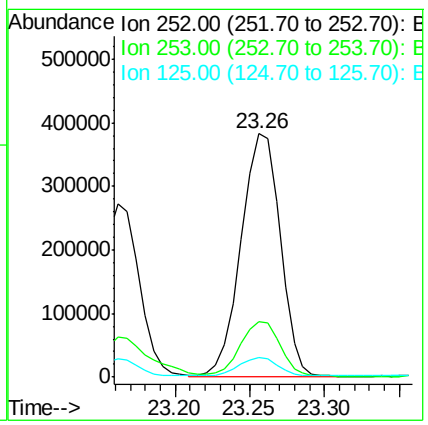
Manual Integrations APPROVED
MMDadoda
8/7/2015 4:42:43 PM

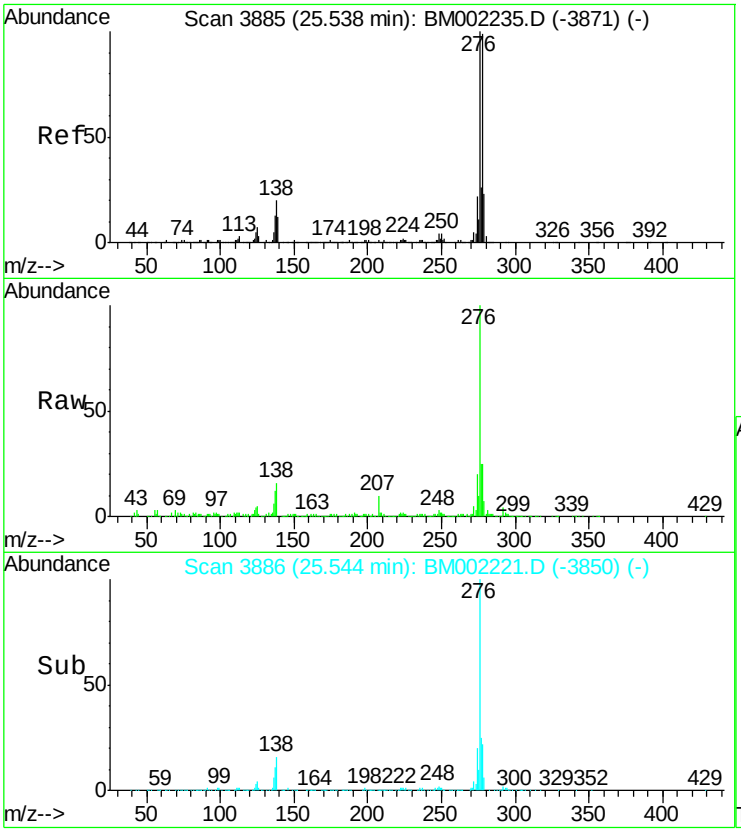


#91
Benzo(a)pyrene
Concen: 33.94 ng/ul
RT: 23.26 min Scan# 3497
Delta R.T. 0.01 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

Tgt Ion:252 Resp: 693709

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.4	26.0
125	8.3	6.1	9.1

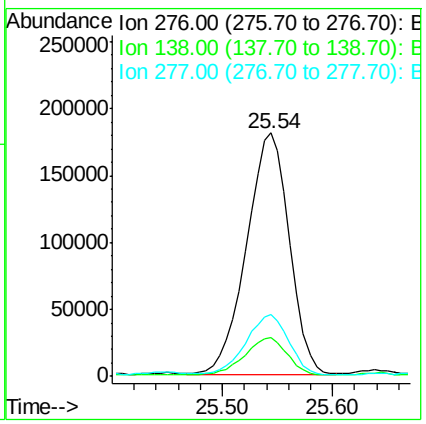




#92
Indeno(1,2,3-cd)pyrene
Concen: 21.36 ng/ul
RT: 25.54 min Scan# 3886
Delta R.T. 0.01 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

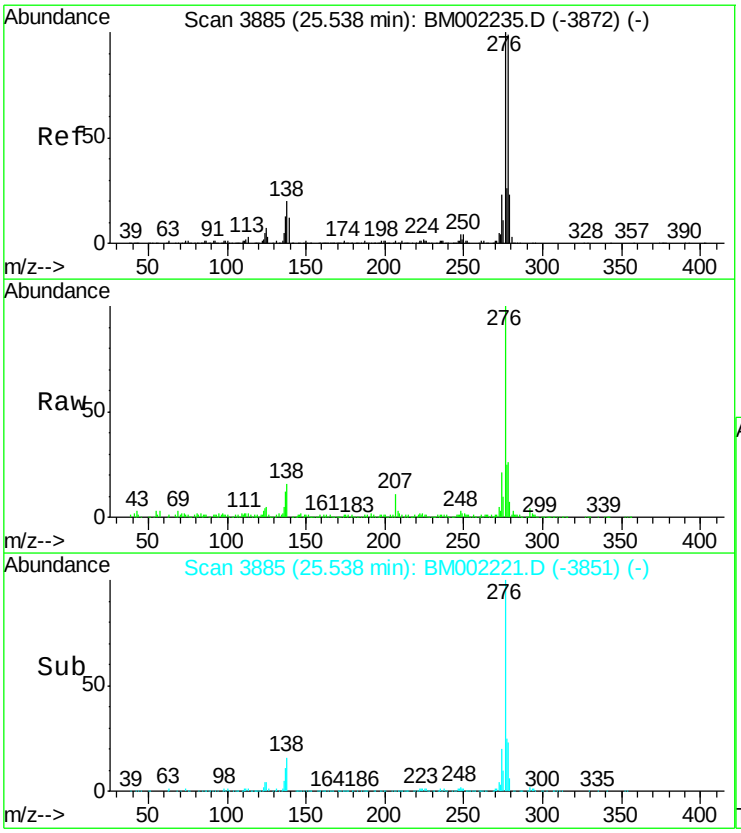
Tgt Ion:276 Resp: 492053

Ion	Ratio	Lower	Upper
276	100		
138	16.1	15.4	23.0
277	25.3	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
C01L3RE

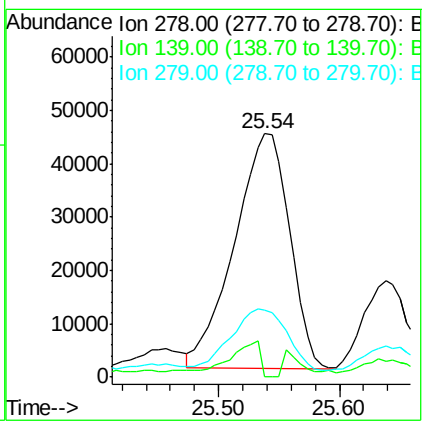
Manual Integrations APPROVED
MMDadoda
8/7/2015 4:42:43 PM

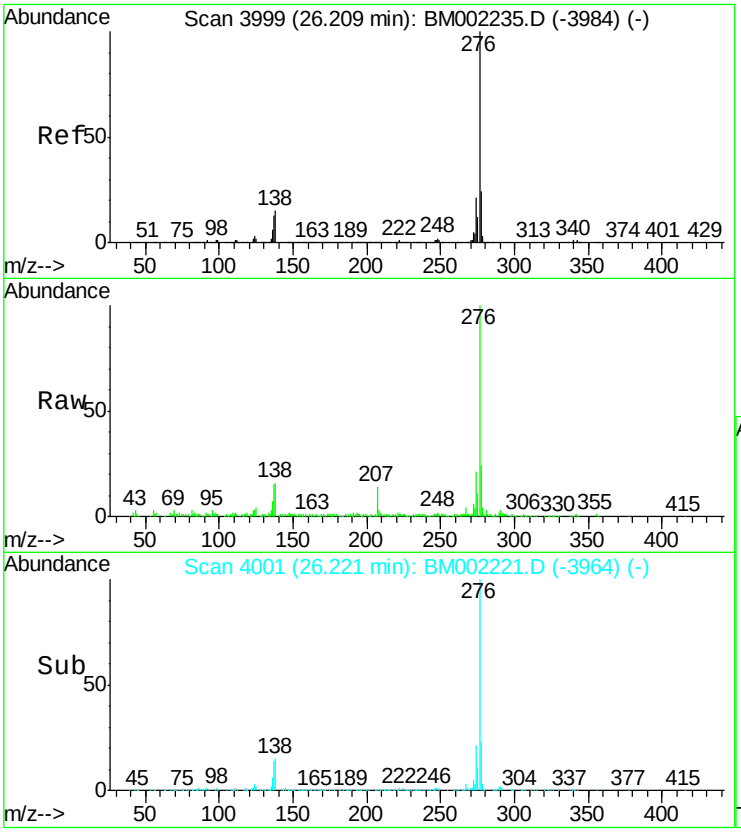


#93
Dibenzo(a,h)anthracene
Concen: 7.14 ng/ul
RT: 25.54 min Scan# 3885
Delta R.T. 0.00 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

Tgt Ion:278 Resp: 140156

Ion	Ratio	Lower	Upper
278	100		
139	0.0	10.4	15.6#
279	27.3	17.9	26.9#

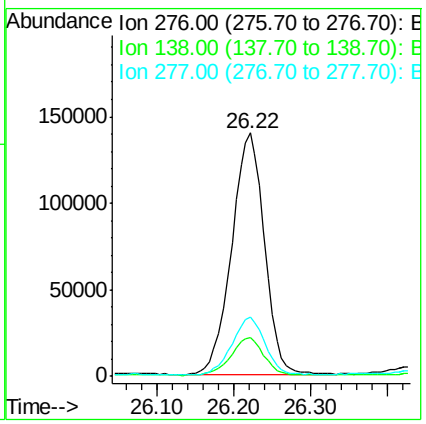




#94
Benzo(g,h,i)perylene
Concen: 21.62 ng/ul
RT: 26.22 min Scan# 4001
Delta R.T. 0.02 min
Lab File: BM002221.D
Acq: 04 Aug 2015 22:05

Tgt Ion:276 Resp: 414752

Ion	Ratio	Lower	Upper
276	100		
138	15.7	12.5	18.7
277	24.2	19.4	29.0



Instrument :
BNA_M
ClientSampleId :
C01L3RE

Manual Integrations APPROVED
MMDadoda
8/7/2015 4:42:43 PM