Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
Data File : BM004626.D
Acq On : 16 Mar 2016 08:48
Operator : UM/SJ
Sample : H1779-20 20X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BCA19

Manual Integrations APPROVED
Sohil
3/16/2016 1:50:01 PM

Quant Time: Mar 16 12:59:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 16 07:32:20 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.85	152	56221	20.00	ng/ul	0.00
18) Naphthalene-d8	10.63	136	250778	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.47	164	145558	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.22	188	343980	20.00	ng/ul	0.00
78) Chrysene-d12	21.40	240	389578	20.00	ng/ul	0.00
86) Perylene-d12	23.70	264	383180	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.00	99	3704	0.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	2485	0.95	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	2855	0.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.54	113	2632	0.71	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	902	0.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.72	143	662	0.35	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	2057	0.56	ng/ul	0.00
29) 4-Chloroaniline-d4	10.77	131	3650	0.83	ng/ul	0.00
44) Dimethylphthalate-d6	13.89	166	9665	0.85	ng/ul	0.00
47) Acenaphthylene-d8	14.17	160	11048	0.79	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.47	176	10786	1.09	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	17.32	188	17015m	1.07	ng/ul	0.00
79) Pyrene-d10	19.61	212	19887	1.12	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.55	264	21024	1.23	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.69	128	34879	2.67	ng/ul	99
50) Acenaphthene	14.54	153	69178	6.86	ng/ul	98
54) Dibenzofuran	14.87	168	46888	3.26	ng/ul	93
59) Fluorene	15.52	166	64561	5.63	ng/ul	99
70) Phenanthrene	17.26	178	720603	36.67	ng/ul	99
72) Anthracene	17.35	178	258812	13.08	ng/ul	99
75) Carbazole	17.62	167	96866	5.47	ng/ul	99
77) Fluoranthene	19.28	202	1019888	46.99	ng/ul	99
80) Pyrene	19.64	202	912190	38.64	ng/ul	98
83) Benzo(a)anthracene	21.39	228	508624	22.37	ng/ul	99
85) Chrysene	21.44	228	415671	19.14	ng/ul	97
88) Benzo(b)fluoranthene	23.01	252	533657	23.36	ng/ul	98
89) Benzo(k)fluoranthene	23.05	252	199784m	9.20	ng/ul	
91) Benzo(a)pyrene	23.60	252	424740	19.40	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	26.03	276	227458	9.24	ng/ul	95
93) Dibenzo(a,h)anthracene	26.04	278	61238	3.01	ng/ul#	96
94) Benzo(g,h,i)perylene	26.74	276	210202	10.08	ng/ul	99

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

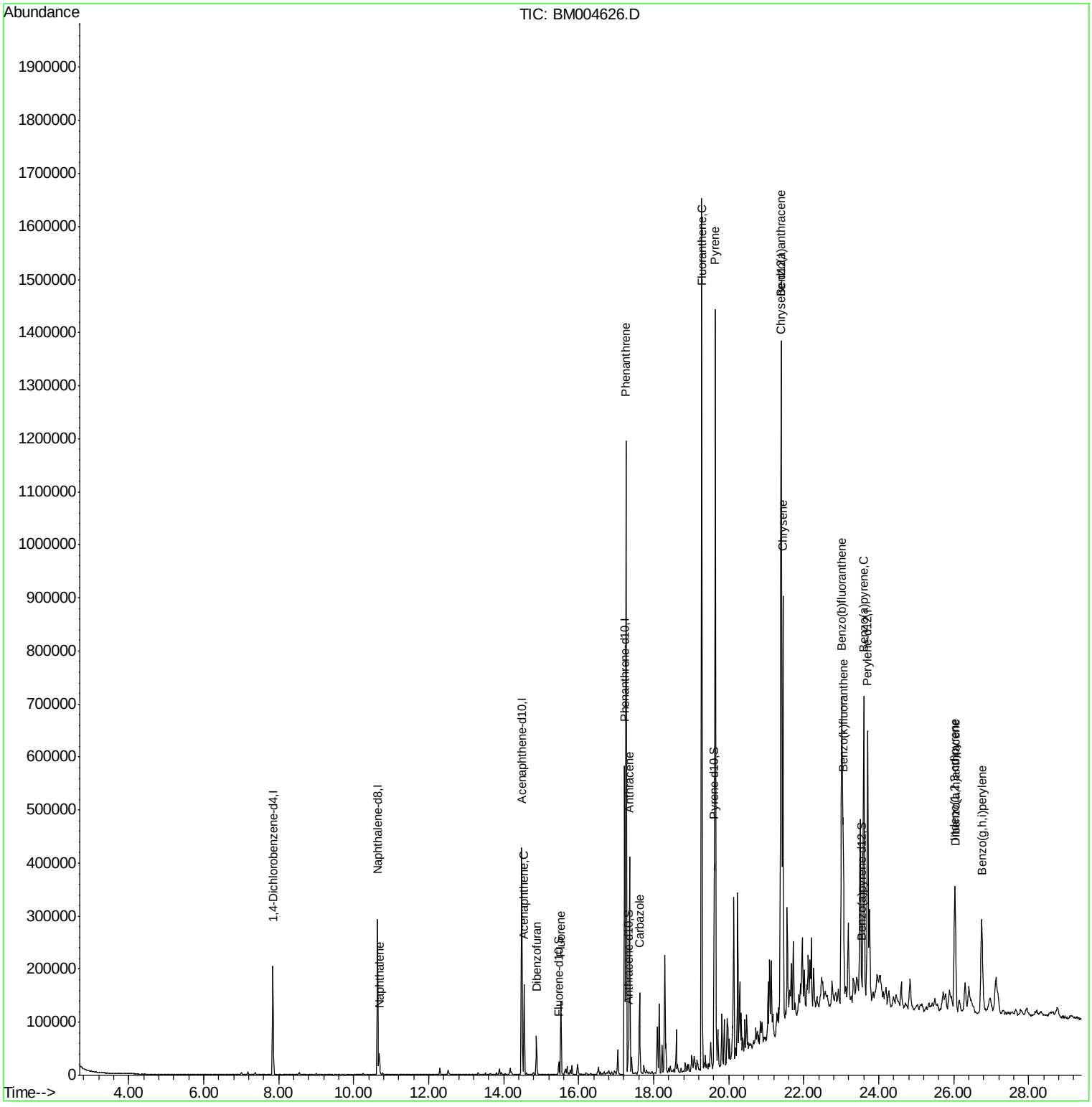
Quantitation Report (QT/LSC Reviewed)

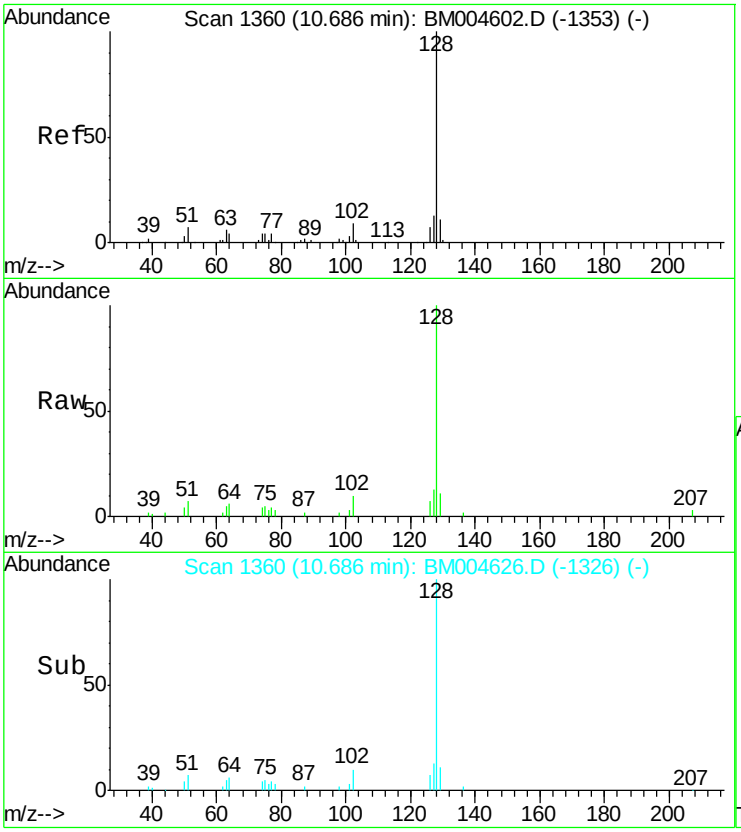
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031516\
Data File : BM004626.D
Acq On : 16 Mar 2016 08:48
Operator : UM/SJ
Sample : H1779-20 20X
Misc :
ALS Vial : 34 Sample Multiplier: 1

Quant Time: Mar 16 12:59:17 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Mar 16 07:32:20 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BCA19

Manual Integrations APPROVED
Sohil
3/16/2016 1:50:01 PM

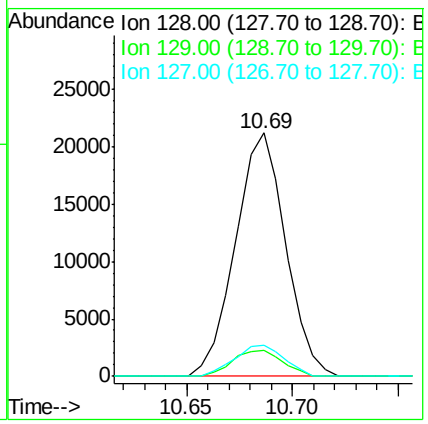




#28
Naphthalene
Concen: 2.67 ng/ul
RT: 10.69 min Scan# 1360
Delta R.T. -0.00 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

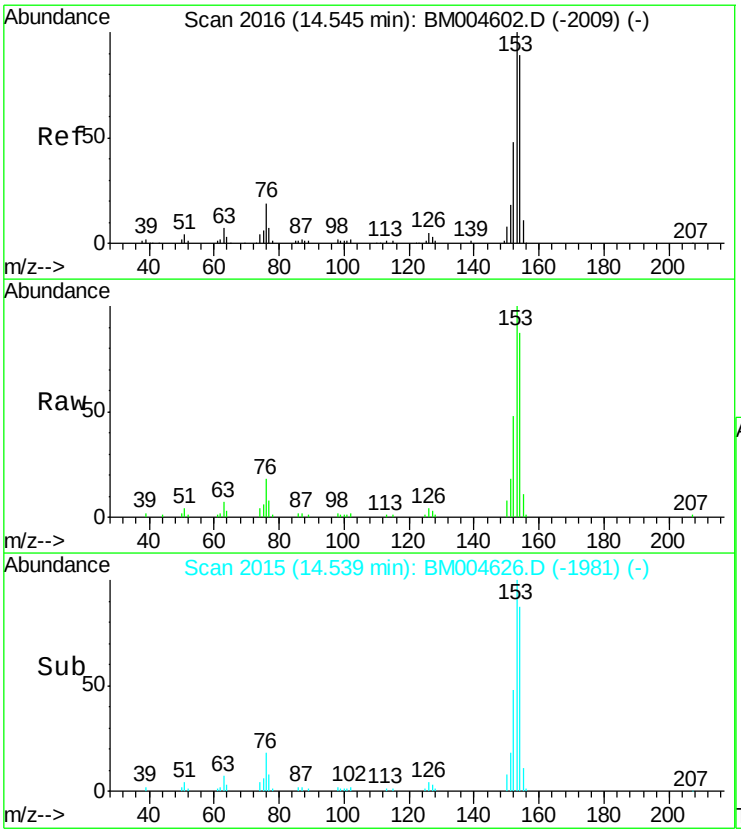
Tgt Ion:128 Resp: 34879

Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	12.7	10.5	15.7



Instrument :
BNA_M
ClientSampleId :
BCA19

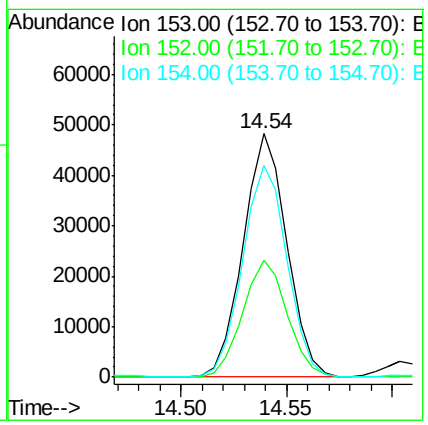
Manual Integrations APPROVED
Sohil
3/16/2016 1:50:01 PM

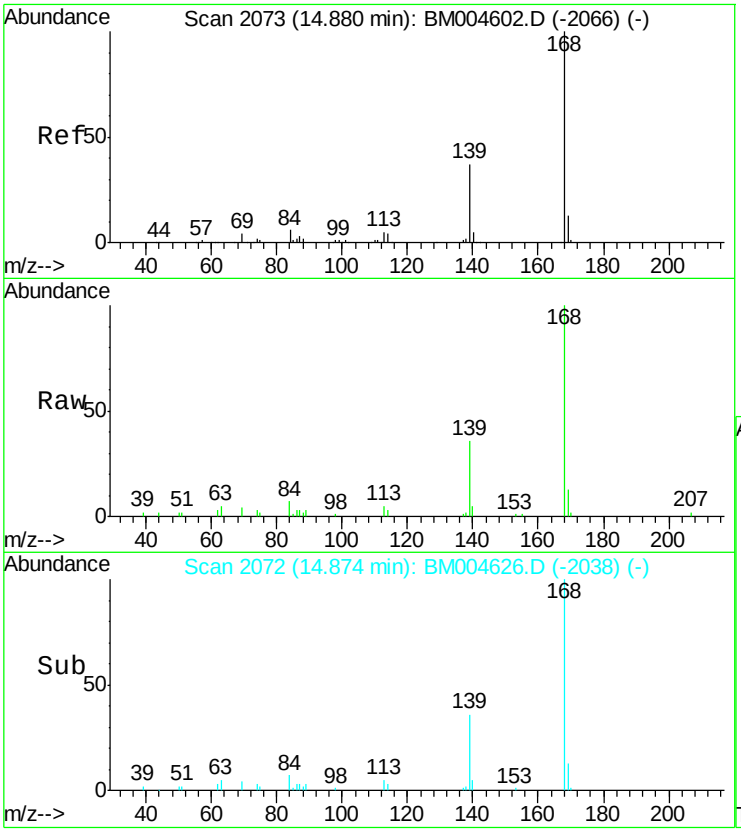


#50
Acenaphthene
Concen: 6.86 ng/ul
RT: 14.54 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

Tgt Ion:153 Resp: 69178

Ion	Ratio	Lower	Upper
153	100		
152	47.9	38.3	57.5
154	87.1	71.8	107.8





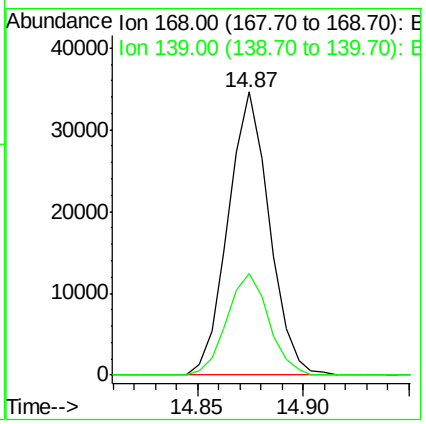
#54
Dibenzofuran
Concen: 3.26 ng/ul
RT: 14.87 min Scan# 2072
Delta R.T. -0.00 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

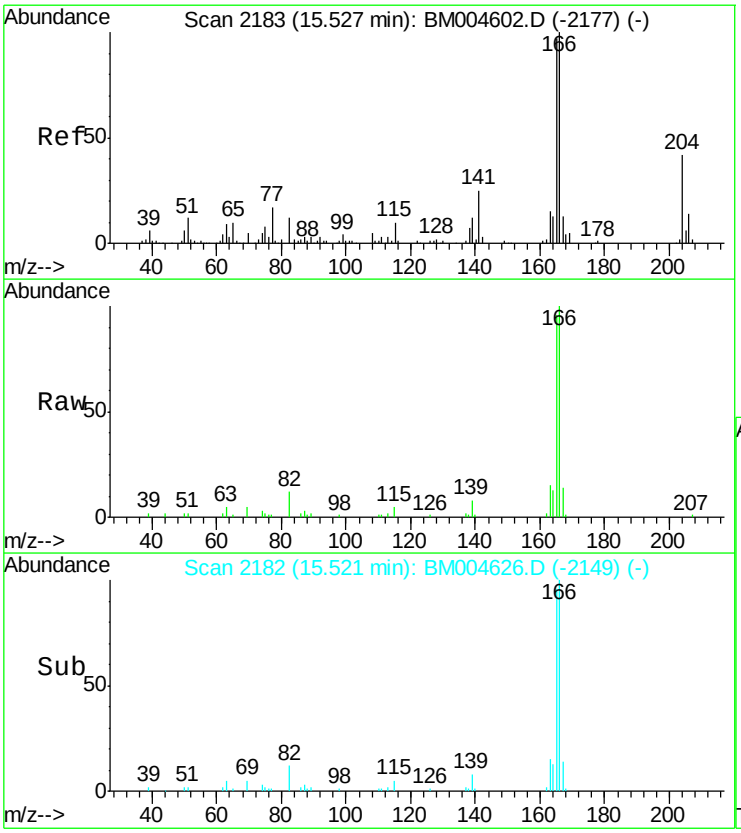
Tgt Ion:168 Resp: 46888

Ion	Ratio	Lower	Upper
168	100		
139	35.8	32.2	48.2

Instrument :
BNA_M
ClientSampleId :
BCA19

Manual Integrations APPROVED
Sohil
3/16/2016 1:50:01 PM

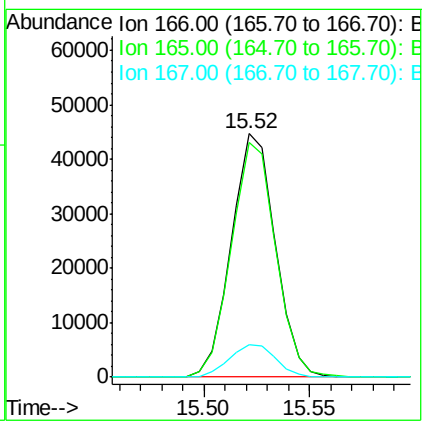


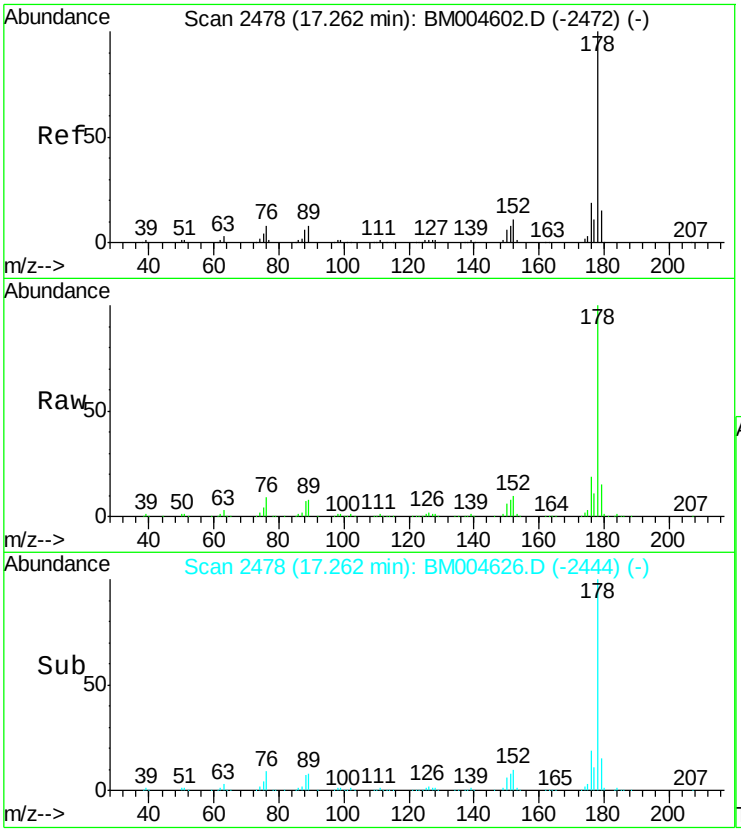


#59
Fluorene
Concen: 5.63 ng/ul
RT: 15.52 min Scan# 2182
Delta R.T. -0.01 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

Tgt Ion:166 Resp: 64561

Ion	Ratio	Lower	Upper
166	100		
165	96.5	78.5	117.7
167	13.5	10.7	16.1

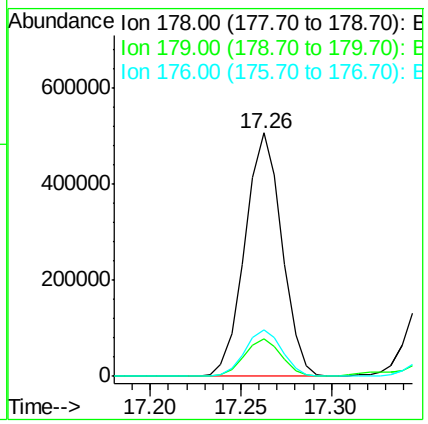




#70
Phenanthrene
Concen: 36.67 ng/ul
RT: 17.26 min Scan# 2478
Delta R.T. -0.00 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

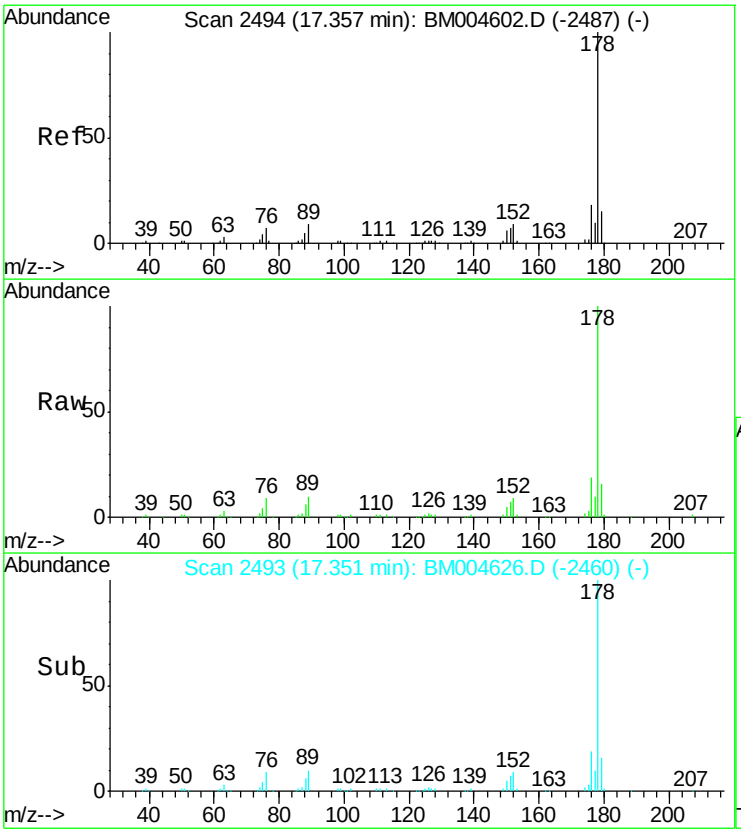
Tgt Ion:178 Resp: 720603

Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.2	18.4
176	18.9	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
BCA19

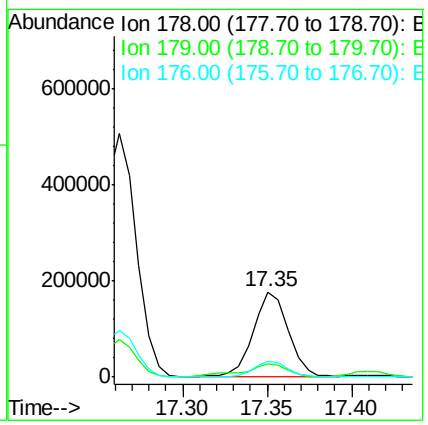
Manual Integrations APPROVED
Sohil
3/16/2016 1:50:01 PM

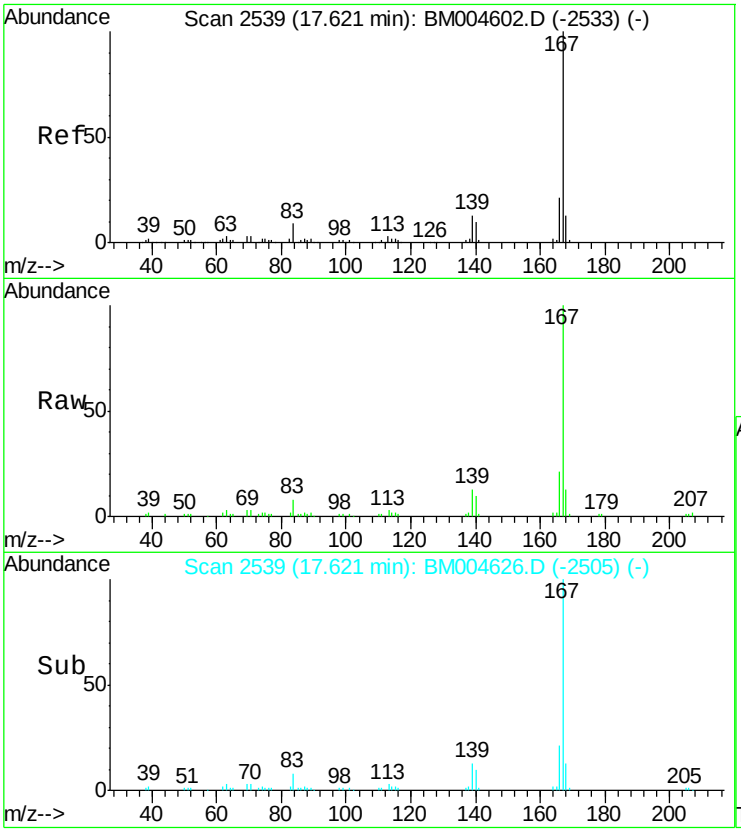


#72
Anthracene
Concen: 13.08 ng/ul
RT: 17.35 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

Tgt Ion:178 Resp: 258812

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.1	18.1
176	18.5	14.8	22.2

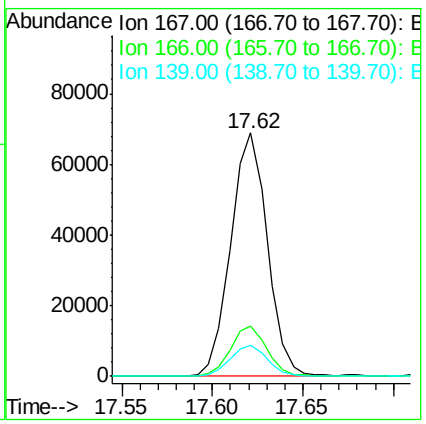




#75
Carbazole
Concen: 5.47 ng/ul
RT: 17.62 min Scan# 2539
Delta R.T. -0.00 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

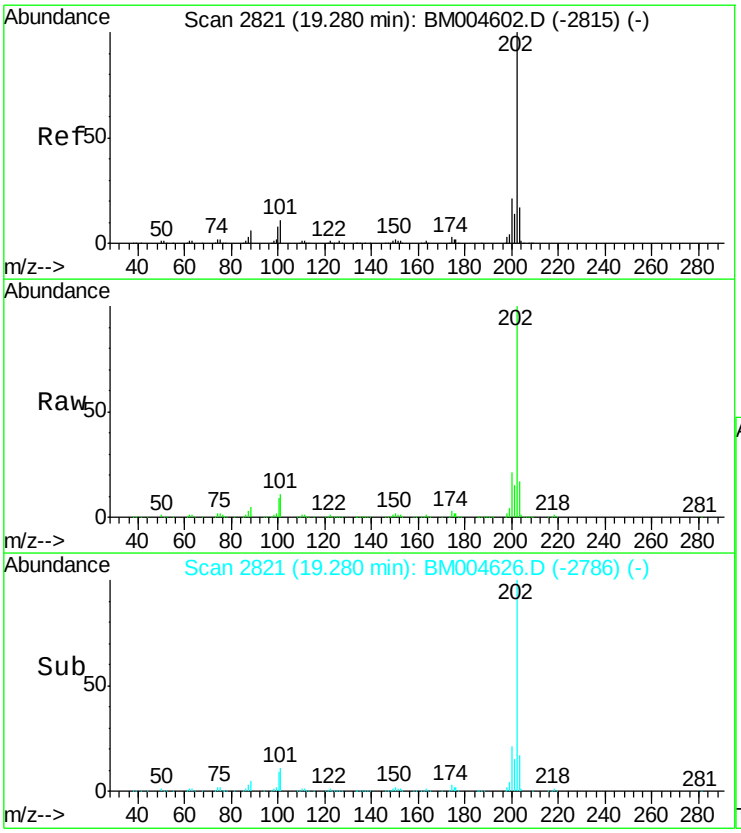
Tgt Ion:167 Resp: 96866

Ion	Ratio	Lower	Upper
167	100		
166	20.8	17.0	25.6
139	12.9	11.0	16.4



Instrument :
BNA_M
ClientSampleId :
BCA19

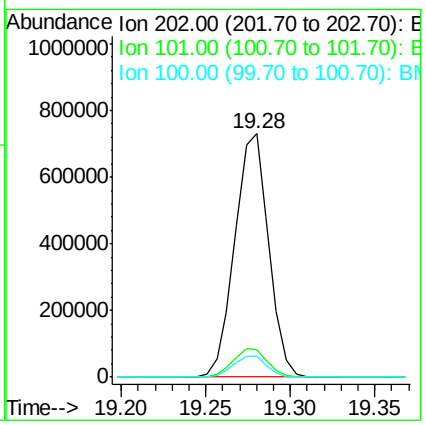
Manual Integrations APPROVED
Sohil
3/16/2016 1:50:01 PM

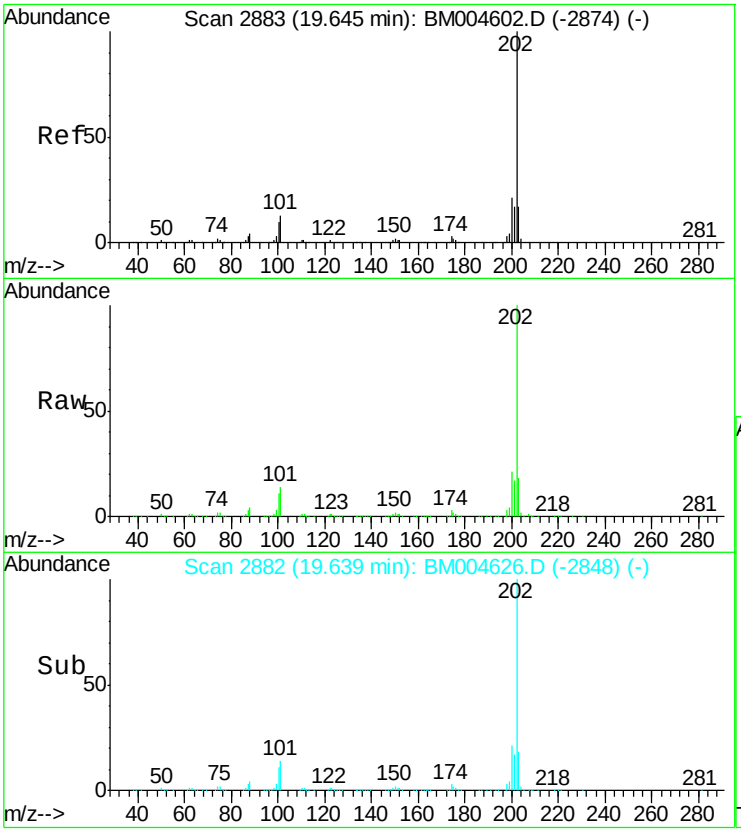


#77
Fluoranthene
Concen: 46.99 ng/ul
RT: 19.28 min Scan# 2821
Delta R.T. 0.01 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

Tgt Ion:202 Resp: 1019888

Ion	Ratio	Lower	Upper
202	100		
101	11.3	8.8	13.2
100	8.6	6.6	9.8

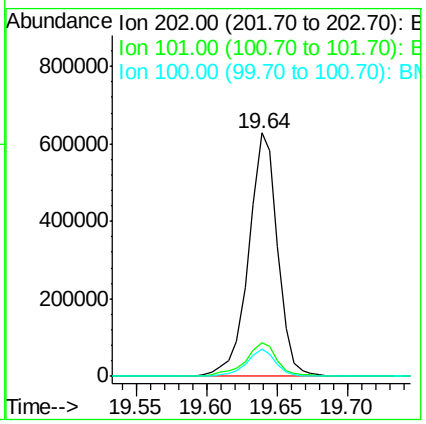




#80
Pyrene
Concen: 38.64 ng/ul
RT: 19.64 min Scan# 2882
Delta R.T. -0.00 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

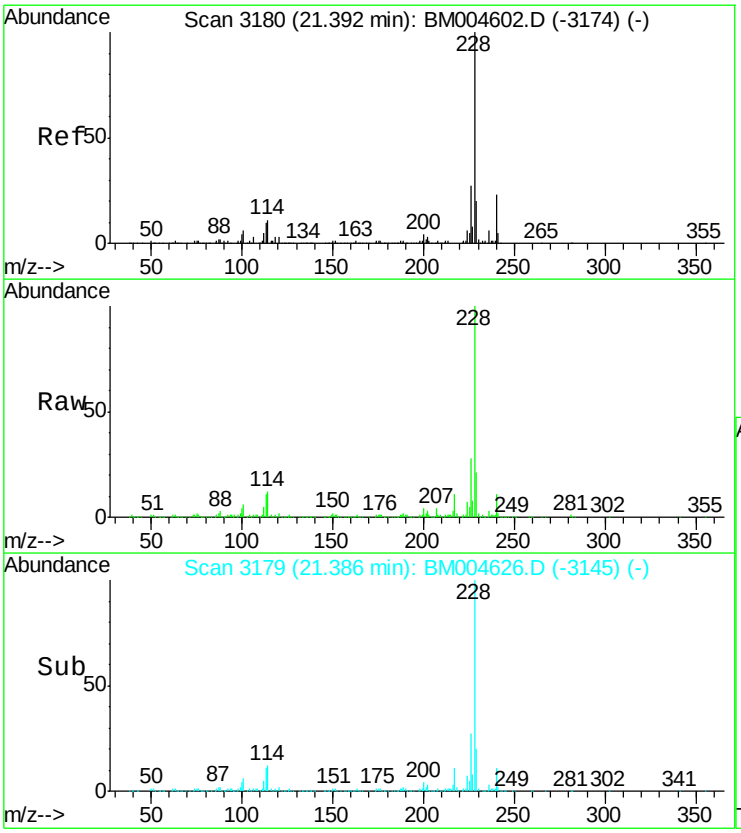
Tgt Ion:202 Resp: 912190

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.2	15.2
100	11.2	8.5	12.7



Instrument :
BNA_M
ClientSampleId :
BCA19

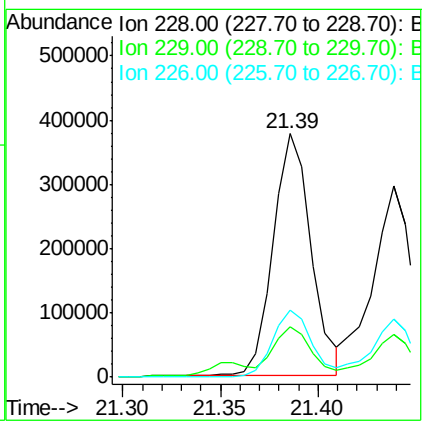
Manual Integrations APPROVED
Sohil
3/16/2016 1:50:01 PM

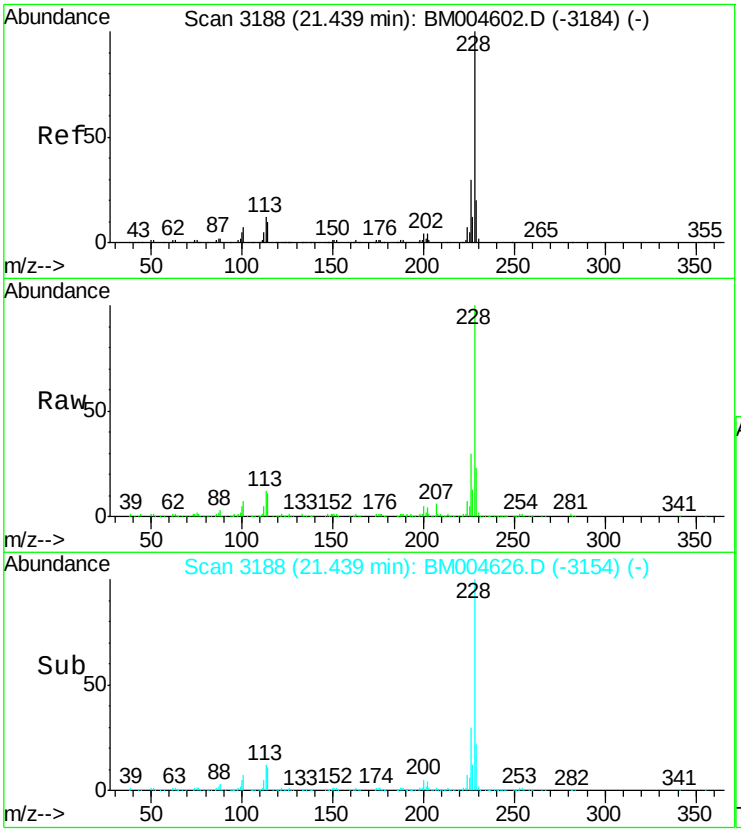


#83
Benzo(a)anthracene
Concen: 22.37 ng/ul
RT: 21.39 min Scan# 3179
Delta R.T. -0.00 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

Tgt Ion:228 Resp: 508624

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.6	21.8	32.6

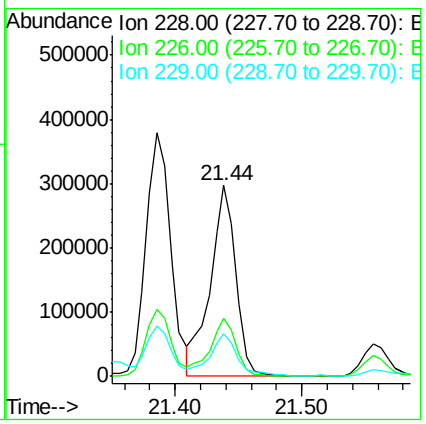




#85
Chrysene
Concen: 19.14 ng/ul
RT: 21.44 min Scan# 3188
Delta R.T. -0.00 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

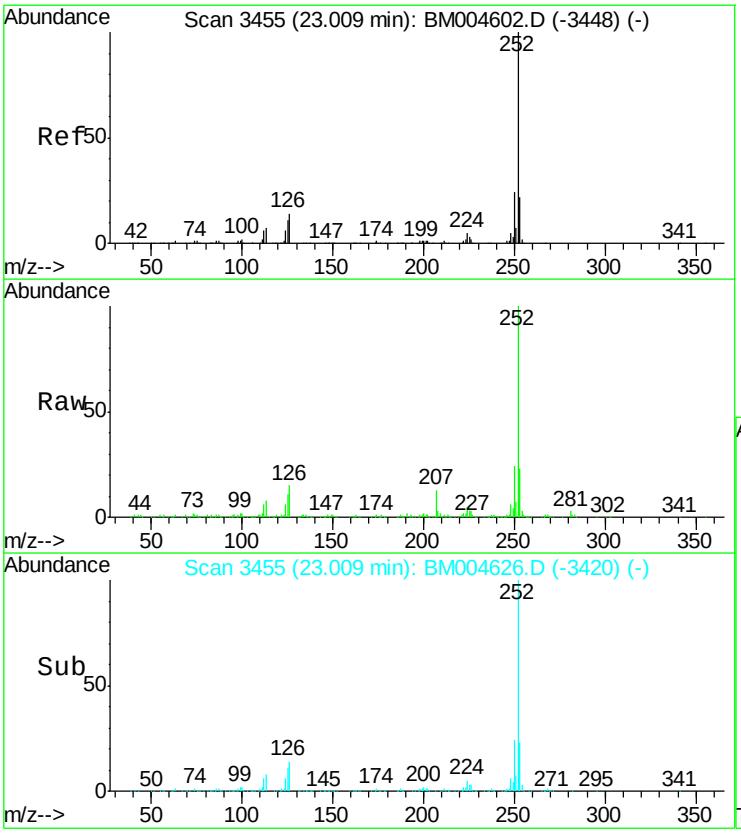
Tgt Ion:228 Resp: 415671

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	22.5	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
BCA19

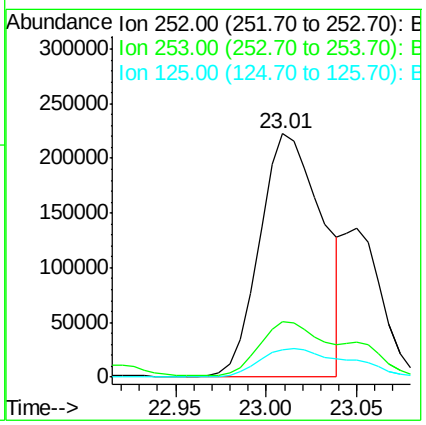
Manual Integrations APPROVED
Sohil
3/16/2016 1:50:01 PM

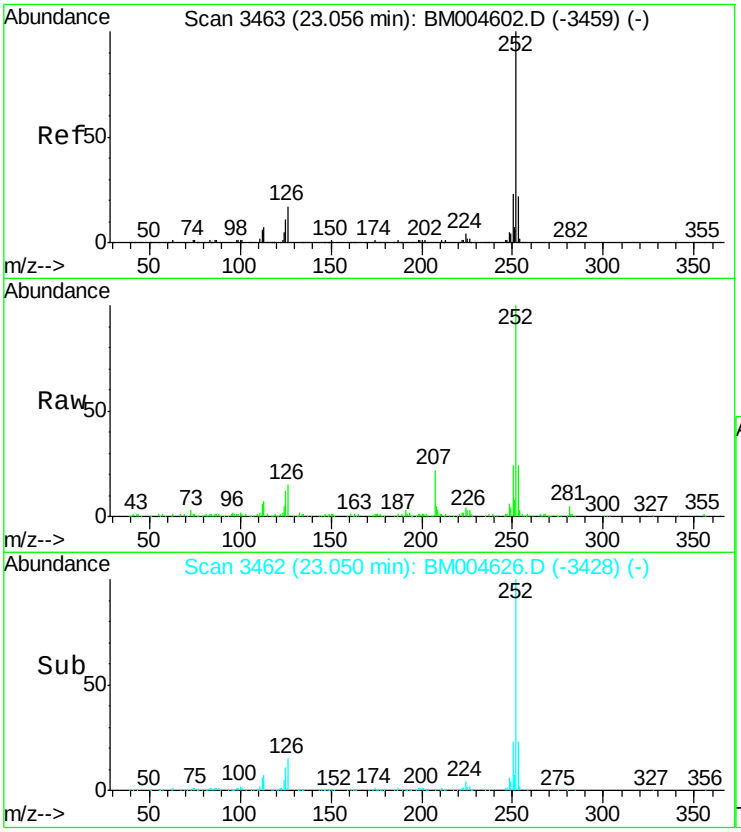


#88
Benzo(b)fluoranthene
Concen: 23.36 ng/ul
RT: 23.01 min Scan# 3455
Delta R.T. 0.01 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

Tgt Ion:252 Resp: 533657

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.5	26.3
125	11.3	8.5	12.7

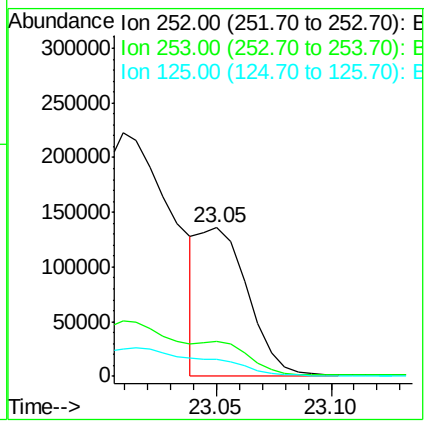




#89
Benzo(k)fluoranthene
Concen: 9.20 ng/ul m
RT: 23.05 min Scan# 3462
Delta R.T. -0.00 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

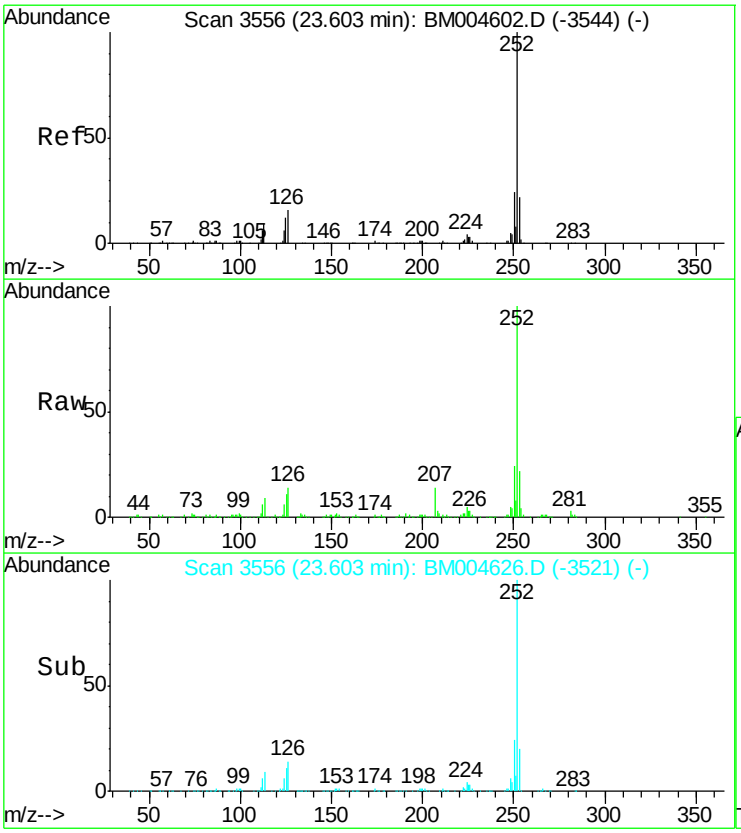
Tgt Ion:252 Resp: 199784

Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.3	25.9
125	11.7	8.2	12.2



Instrument :
BNA_M
ClientSampleId :
BCA19

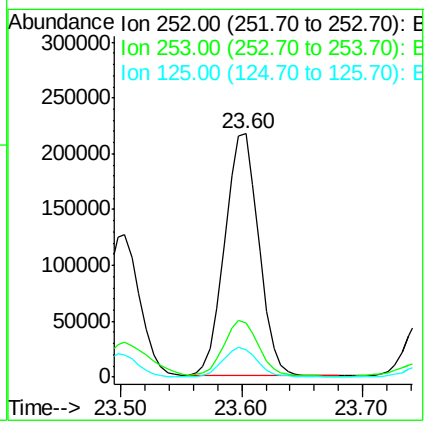
Manual Integrations APPROVED
Sohil
3/16/2016 1:50:01 PM

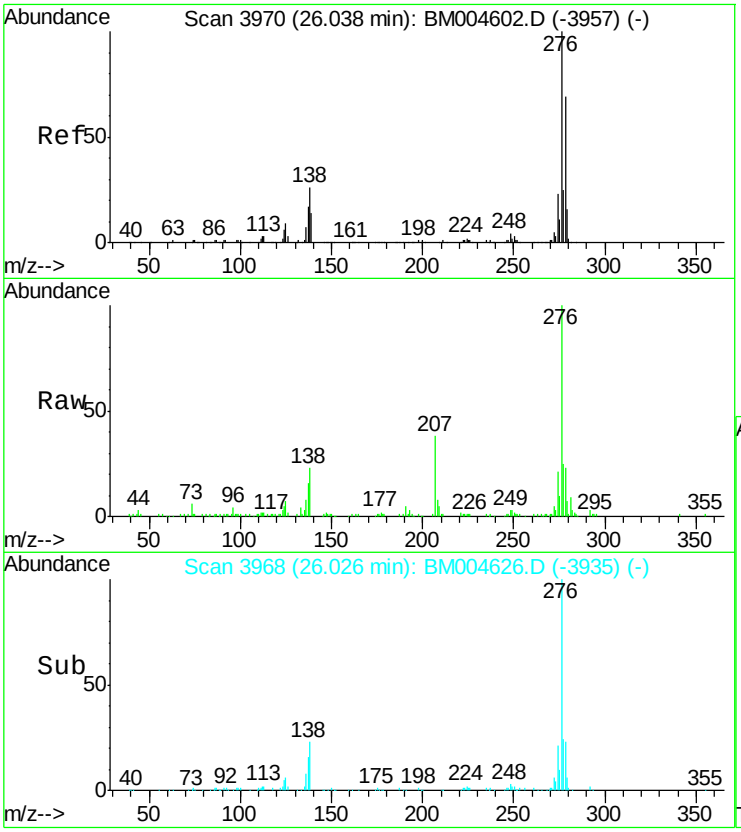


#91
Benzo(a)pyrene
Concen: 19.40 ng/ul
RT: 23.60 min Scan# 3556
Delta R.T. 0.01 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

Tgt Ion:252 Resp: 424740

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.2	25.8
125	11.4	9.0	13.6

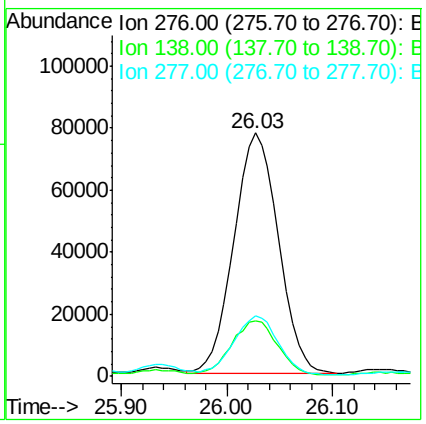




#92
Indeno(1,2,3-cd)pyrene
Concen: 9.24 ng/ul
RT: 26.03 min Scan# 3968
Delta R.T. -0.01 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

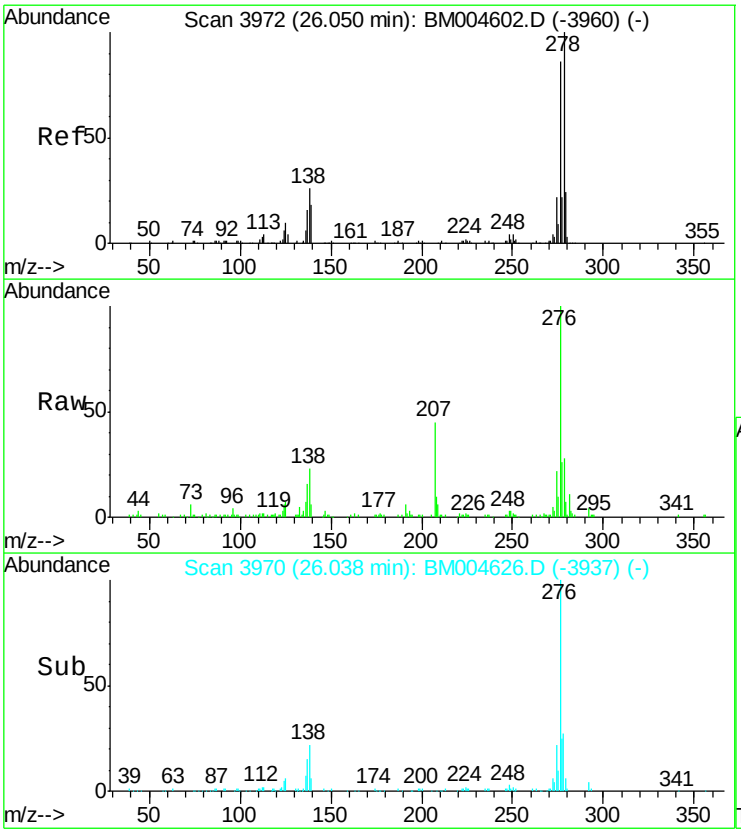
Tgt Ion:276 Resp: 227458

Ion	Ratio	Lower	Upper
276	100		
138	23.0	22.3	33.5
277	24.9	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
BCA19

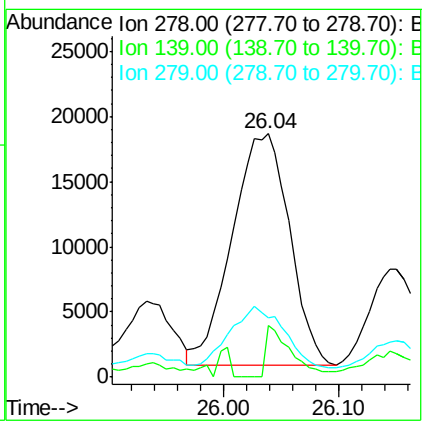
Manual Integrations APPROVED
Sohil
3/16/2016 1:50:01 PM

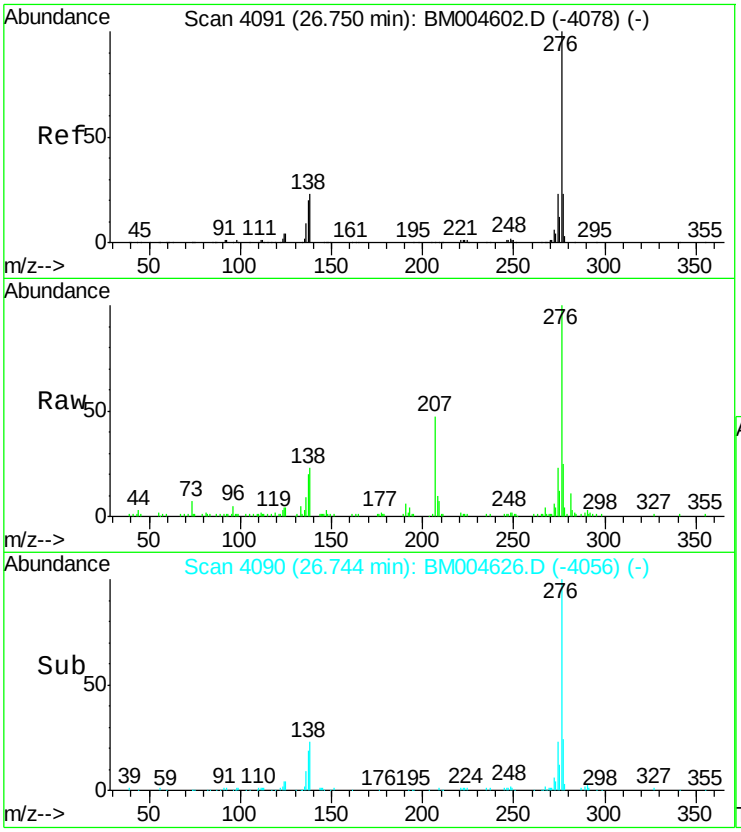


#93
Dibenzo(a,h)anthracene
Concen: 3.01 ng/ul
RT: 26.04 min Scan# 3970
Delta R.T. -0.01 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

Tgt Ion:278 Resp: 61238

Ion	Ratio	Lower	Upper
278	100		
139	21.0	13.9	20.9#
279	24.3	19.0	28.4

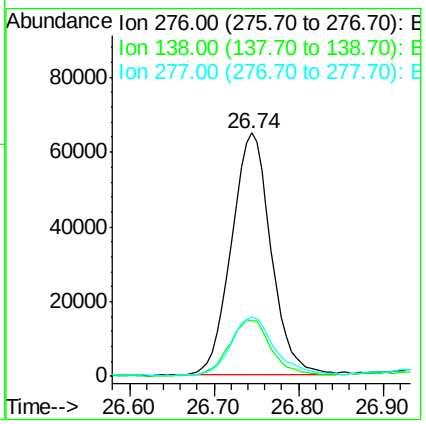




#94
Benzo(g,h,i)perylene
Concen: 10.08 ng/ul
RT: 26.74 min Scan# 4090
Delta R.T. -0.00 min
Lab File: BM004626.D
Acq: 16 Mar 2016 08:48

Tgt Ion:276 Resp: 210202

Ion	Ratio	Lower	Upper
276	100		
138	22.9	18.9	28.3
277	24.5	19.2	28.8



Instrument :
BNA_M
ClientSampleId :
BCA19

Manual Integrations APPROVED
Sohil
3/16/2016 1:50:01 PM