Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006051.D
Acq On : 26 Jun 2016 22:11
Operator : UM/SJ
Sample : H3670-15MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 27 06:05:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration

Instrument : BNA_M
ClientSampleId : D9Y98MS

Manual Integrations APPROVED
sohil
6/27/2016 8:06:07 PM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	317459	20.00	ng/ul	0.00
7) Naphthalene-d8	10.44	136	1538493	20.00	ng/ul	0.00
15) Acenaphthene-d10	14.31	164	916355	20.00	ng/ul	0.00
23) Phenanthrene-d10	17.06	188	2074330	20.00	ng/ul	0.00
29) Chrysene-d12	21.25	240	1940047	20.00	ng/ul	0.00
34) Perylene-d12	23.46	264	1592899	20.00	ng/ul	0.00
System Monitoring Compounds						
2) 1,4-Dioxane-d8	3.17	96	7468	1.05	ng/uL	0.00
3) Phenol-d5	6.83	99	403259	12.07	ng/ul	0.00
4) Bis-(2-Chloroethyl)ether-d	7.00	67	258387	13.91	ng/ul	0.00
5) 2-Chlorophenol-d4	7.19	132	312237	13.42	ng/ul	0.00
6) 4-Methylphenol-d8	8.36	113	281426	9.98	ng/ul	0.00
8) Nitrobenzene-d5	8.81	128	171837	14.67	ng/ul	0.00
9) 2-Nitrophenol-d4	9.53	143	190285	14.60	ng/ul	0.00
10) 2,4-Dichlorophenol-d3	10.06	165	351457	14.06	ng/ul	0.00
12) 4-Chloroaniline-d4	10.57	131	298954	11.02	ng/ul	0.00
16) Dimethylphthalate-d6	13.72	166	1119382	14.27	ng/ul	0.00
17) Acenaphthylene-d8	14.00	160	1442202	15.85	ng/ul	0.00
20) 4-Nitrophenol-d4	14.51	143	163672	9.78	ng/ul	0.00
21) Fluorene-d10	15.30	176	992842	14.82	ng/ul	0.00
24) 4,6-Dinitro-2-methylphenol	15.43	200	108679	9.44	ng/ul	0.00
26) Anthracene-d10	17.15	188	1513058	15.88	ng/ul	0.00
30) Pyrene-d10	19.45	212	1643894	19.34	ng/ul	0.00
37) Benzo(a)pyrene-d12	23.32	264	1150173	15.99	ng/ul	0.00
Target Compounds						Qvalue
11) Naphthalene	10.49	128	156517	2.04	ng/ul	98
13) 2-Methylnaphthalene	12.11	142	178539	2.89	ng/ul	96
14) 1-Methylnaphthalene	12.33	142	153178	2.59	ng/ul	99
19) Acenaphthene	14.37	153	895286	14.69	ng/ul	99
25) Phenanthrene	17.10	178	624736	5.60	ng/ul	100
28) Fluoranthene	19.12	202	893018	6.25	ng/ul	99
31) Pyrene	19.48	202	2589520	23.32	ng/ul	99
32) Benzo(a)anthracene	21.23	228	448145	3.89	ng/ul	95
33) Chrysene	21.29	228	512904	4.87	ng/ul	96
35) Benzo(b)fluoranthene	22.80	252	553998	5.99	ng/ul#	93
36) Benzo(k)fluoranthene	22.84	252	138045m	1.60	ng/ul	
38) Benzo(a)pyrene	23.37	252	316780	3.57	ng/ul	95
39) Indeno(1,2,3-cd)pyrene	25.67	276	215418	2.04	ng/ul	97
41) Benzo(g,h,i)perylene	26.36	276	217930	2.38	ng/ul	98

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

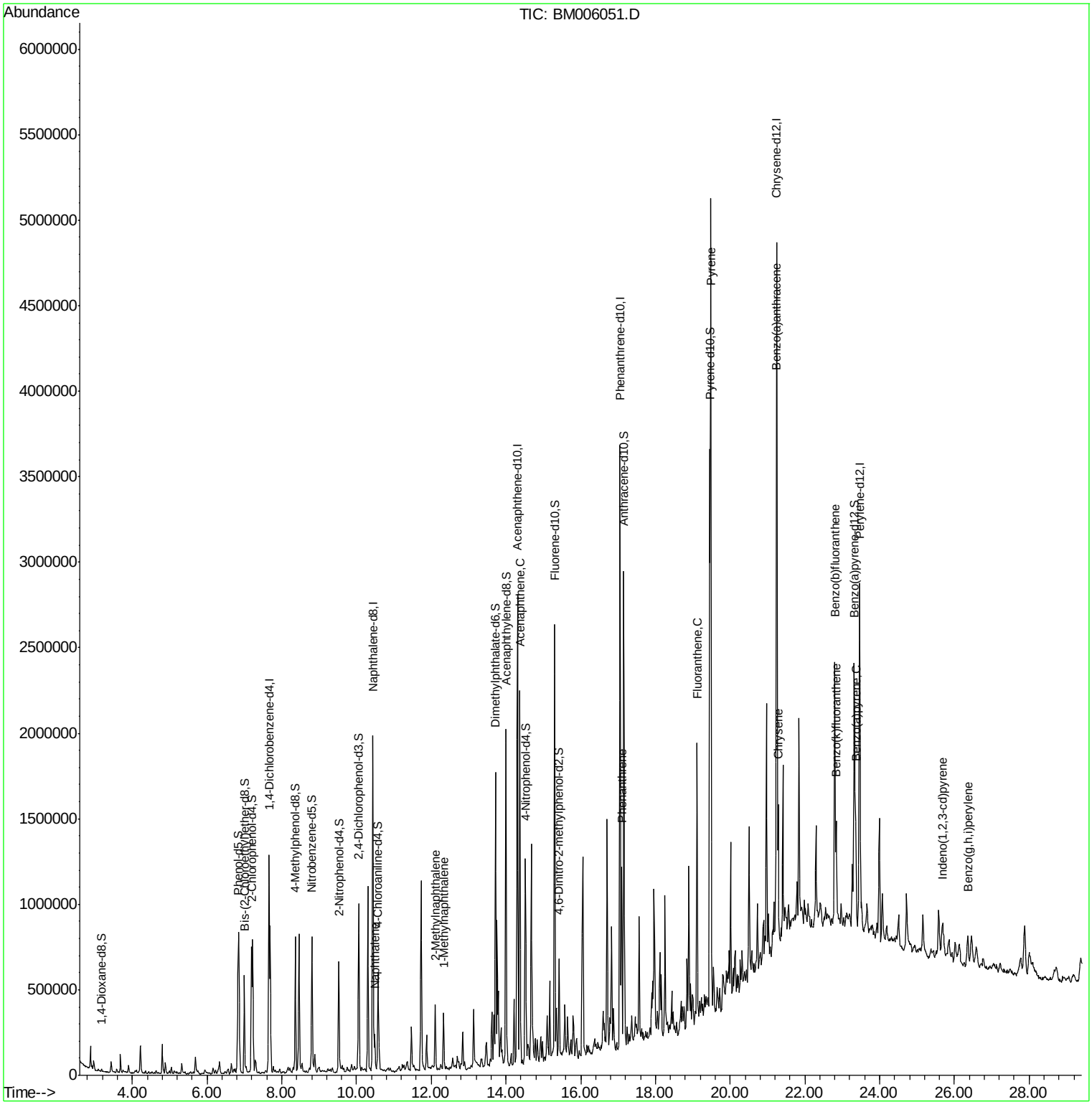
Quantitation Report (QT Reviewed)

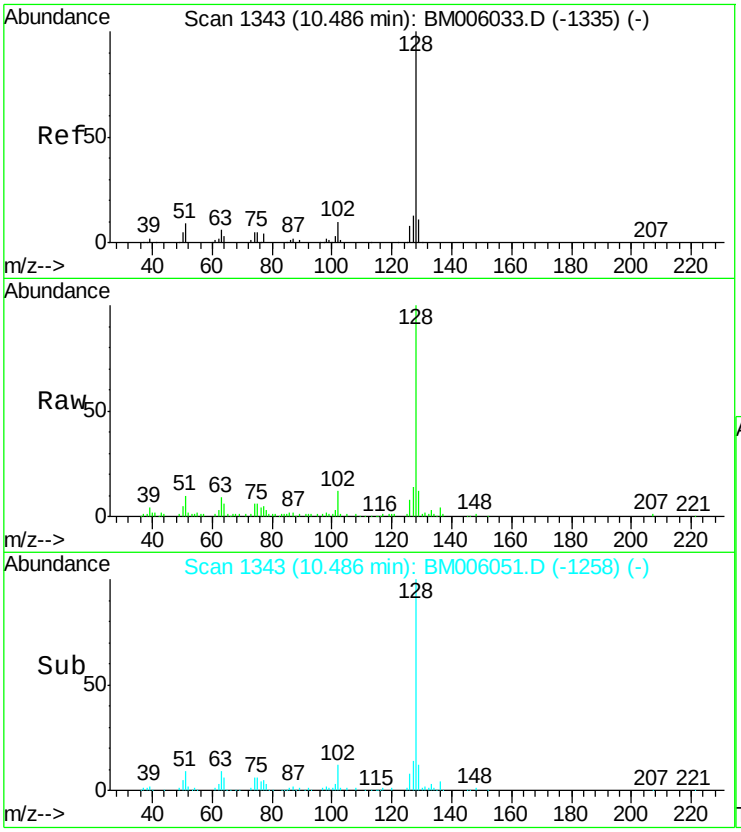
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM062616\
Data File : BM006051.D
Acq On : 26 Jun 2016 22:11
Operator : UM/SJ
Sample : H3670-15MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Jun 27 06:05:18 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM062516.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 27 05:15:31 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
D9Y98MS

Manual Integrations APPROVED
sohil
6/27/2016 8:06:07 PM

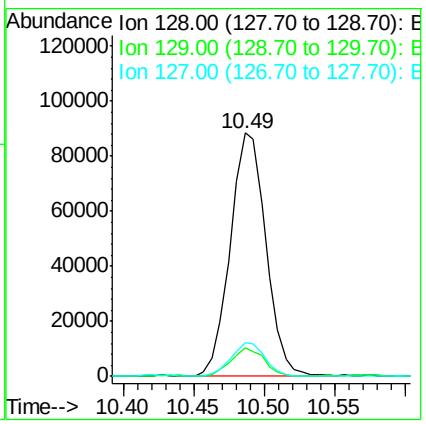




#11
Naphthalene
Concen: 2.04 ng/ul
RT: 10.49 min Scan# 1343
Delta R.T. -0.00 min
Lab File: BM006051.D
Acq: 26 Jun 2016 22:11

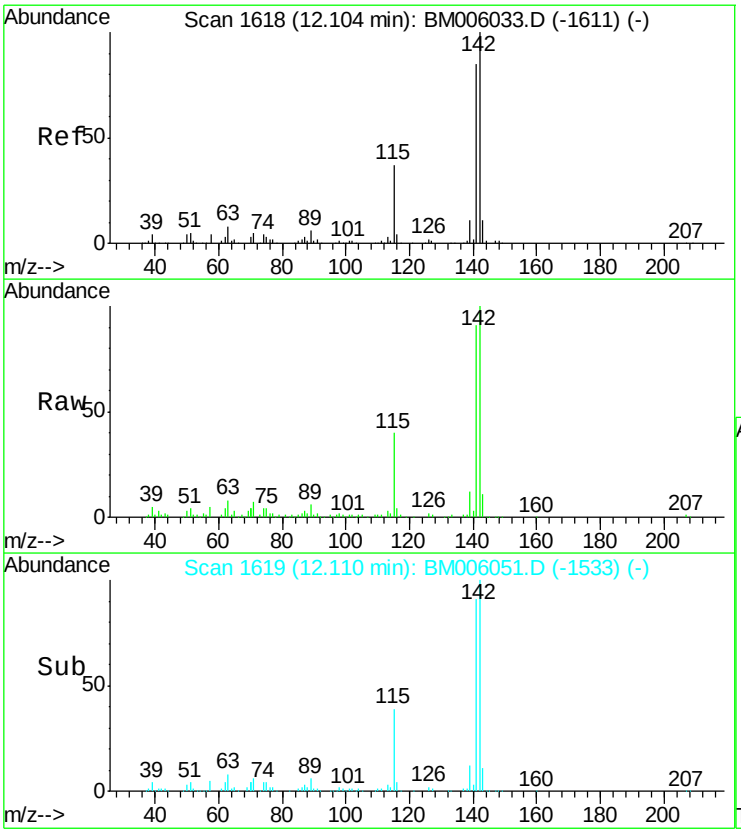
Tgt Ion:128 Resp: 156517

Ion	Ratio	Lower	Upper
128	100		
129	11.7	8.6	13.0
127	13.7	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
D9Y98MS

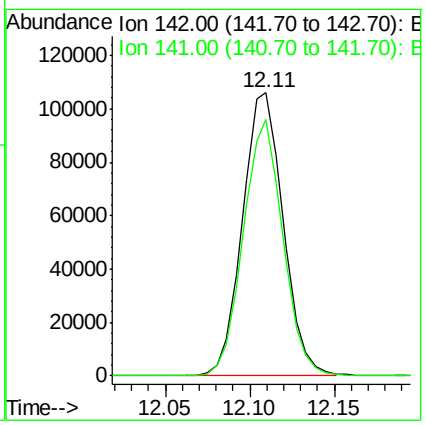
Manual Integrations APPROVED
sohil
6/27/2016 8:06:07 PM

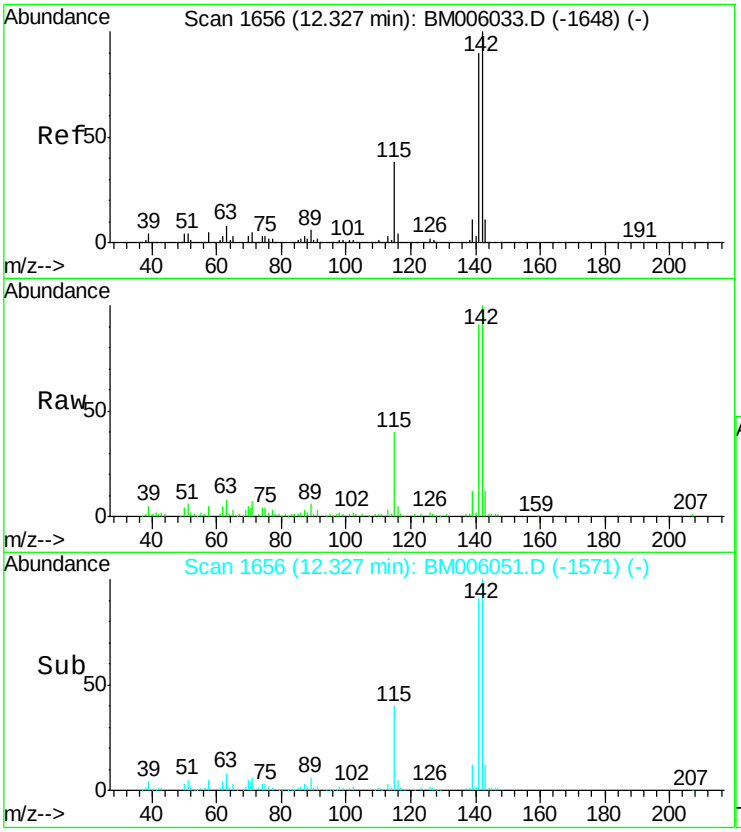


#13
2-Methylnaphthalene
Concen: 2.89 ng/ul
RT: 12.11 min Scan# 1619
Delta R.T. 0.01 min
Lab File: BM006051.D
Acq: 26 Jun 2016 22:11

Tgt Ion:142 Resp: 178539

Ion	Ratio	Lower	Upper
142	100		
141	90.7	69.4	104.2

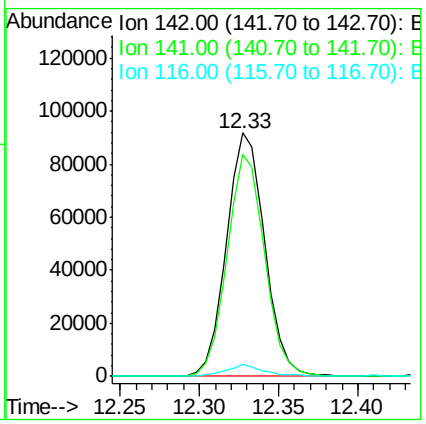




#14
1-Methylnaphthalene
Concen: 2.59 ng/ul
RT: 12.33 min Scan# 1656
Delta R.T. -0.00 min
Lab File: BM006051.D
Acq: 26 Jun 2016 22:11

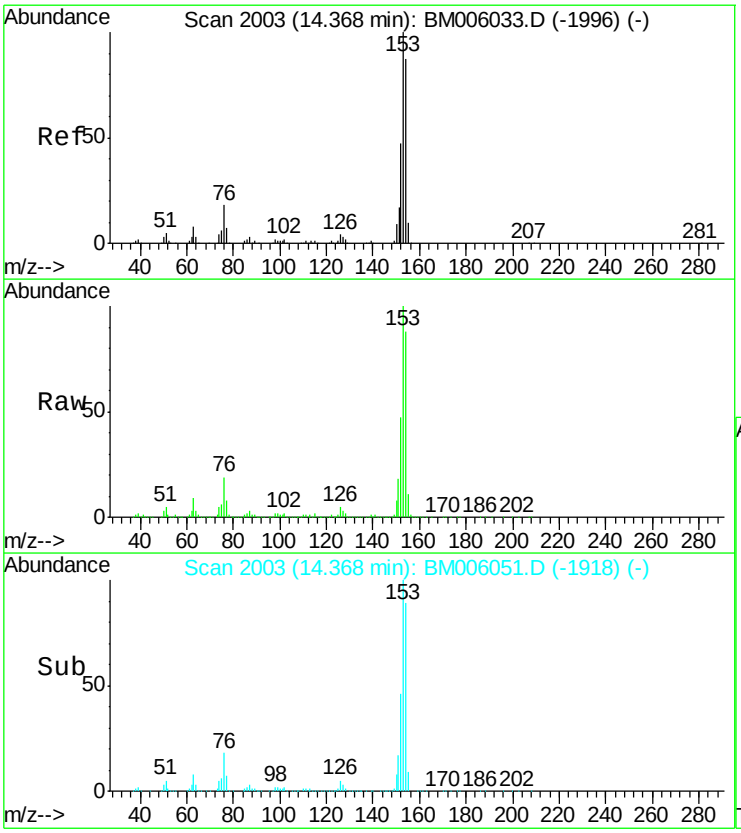
Tgt Ion:142 Resp: 153178

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.3	108.5
116	4.8	3.4	5.0



Instrument :
BNA_M
ClientSampleId :
D9Y98MS

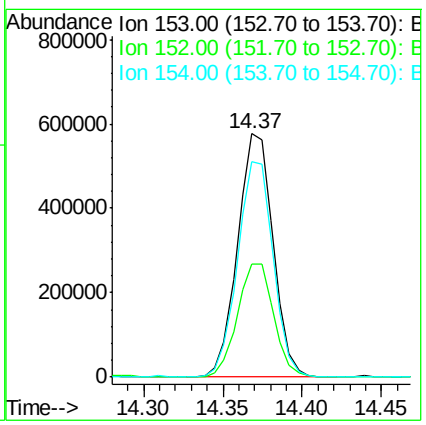
Manual Integrations APPROVED
sohil
6/27/2016 8:06:07 PM

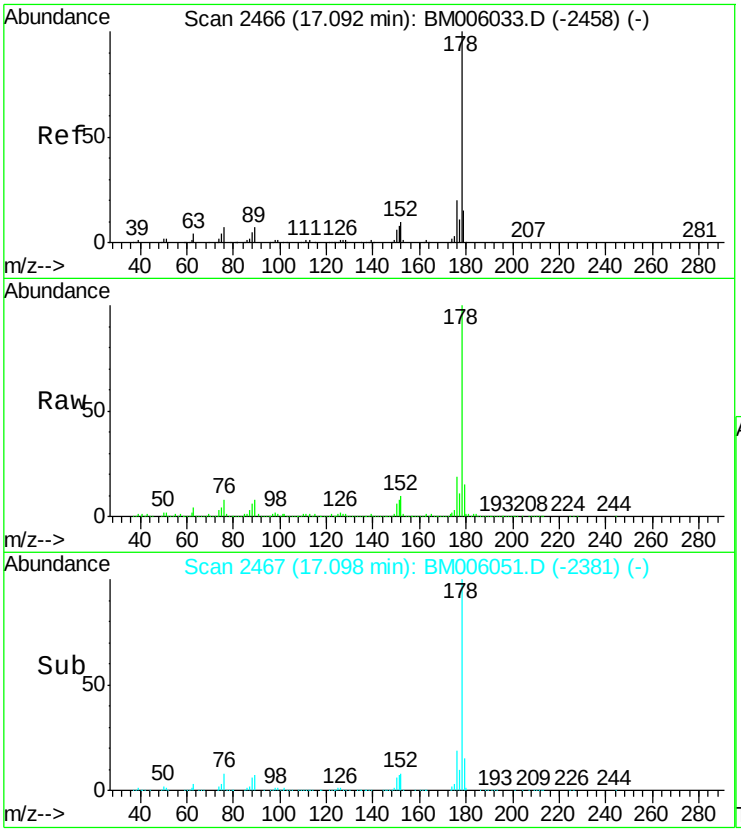


#19
Acenaphthene
Concen: 14.69 ng/ul
RT: 14.37 min Scan# 2003
Delta R.T. -0.00 min
Lab File: BM006051.D
Acq: 26 Jun 2016 22:11

Tgt Ion:153 Resp: 895286

Ion	Ratio	Lower	Upper
153	100		
152	46.6	38.6	57.8
154	88.5	70.7	106.1

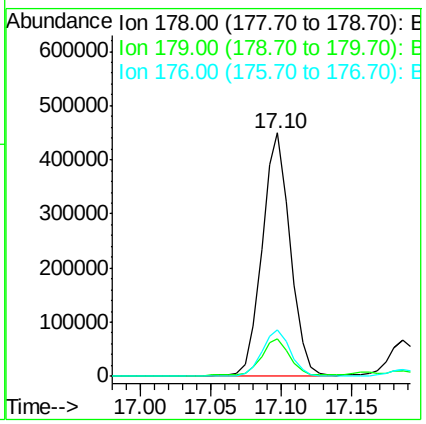




#25
Phenanthrene
Concen: 5.60 ng/ul
RT: 17.10 min Scan# 2467
Delta R.T. 0.01 min
Lab File: BM006051.D
Acq: 26 Jun 2016 22:11

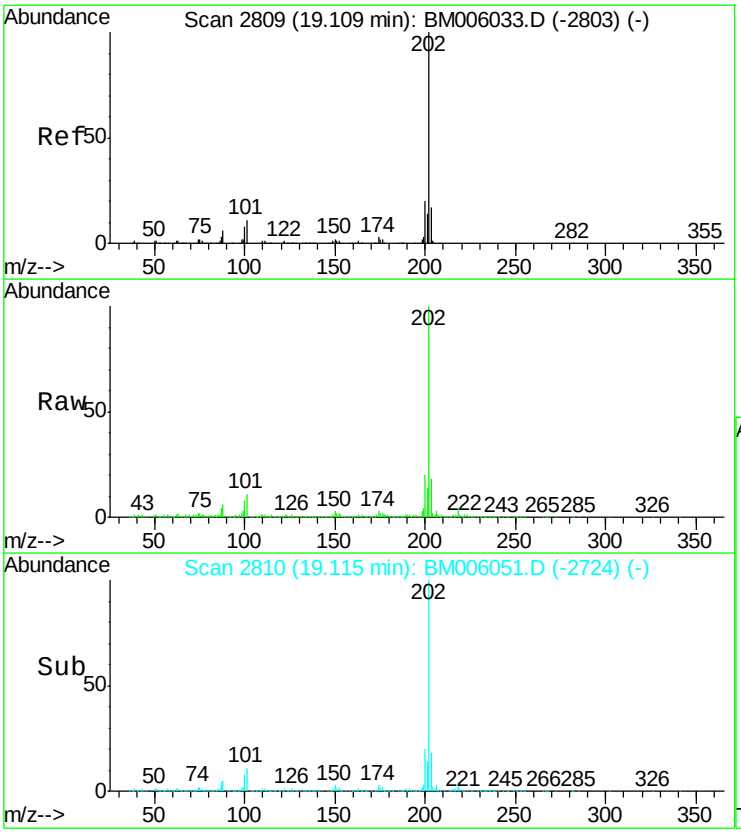
Tgt Ion:178 Resp: 624736

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	19.1	15.4	23.0



Instrument :
BNA_M
ClientSampleId :
D9Y98MS

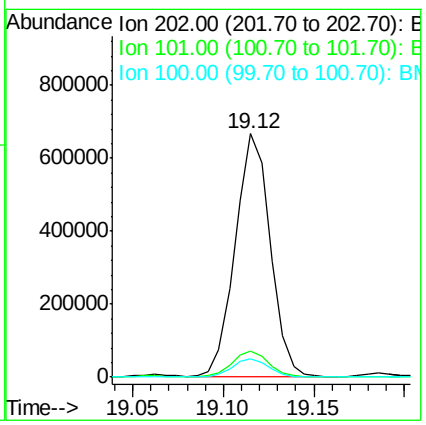
Manual Integrations APPROVED
sohil
6/27/2016 8:06:07 PM

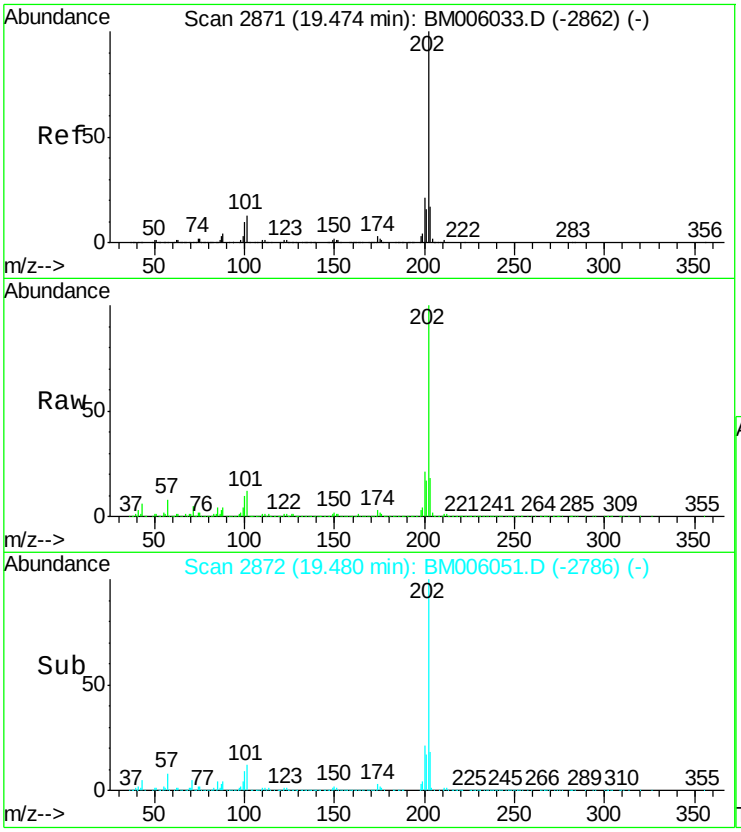


#28
Fluoranthene
Concen: 6.25 ng/ul
RT: 19.12 min Scan# 2810
Delta R.T. 0.01 min
Lab File: BM006051.D
Acq: 26 Jun 2016 22:11

Tgt Ion:202 Resp: 893018

Ion	Ratio	Lower	Upper
202	100		
101	10.9	8.2	12.4
100	7.8	6.3	9.5





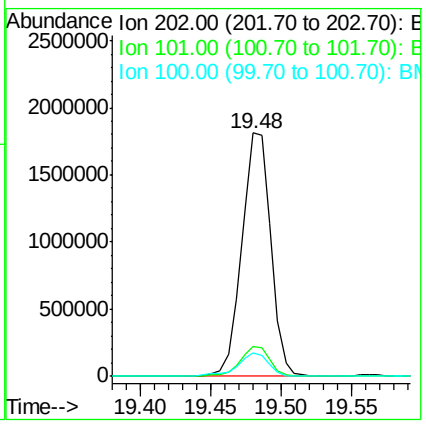
#31
Pyrene
Concen: 23.32 ng/ul
RT: 19.48 min Scan# 2872
Delta R.T. 0.01 min
Lab File: BM006051.D
Acq: 26 Jun 2016 22:11

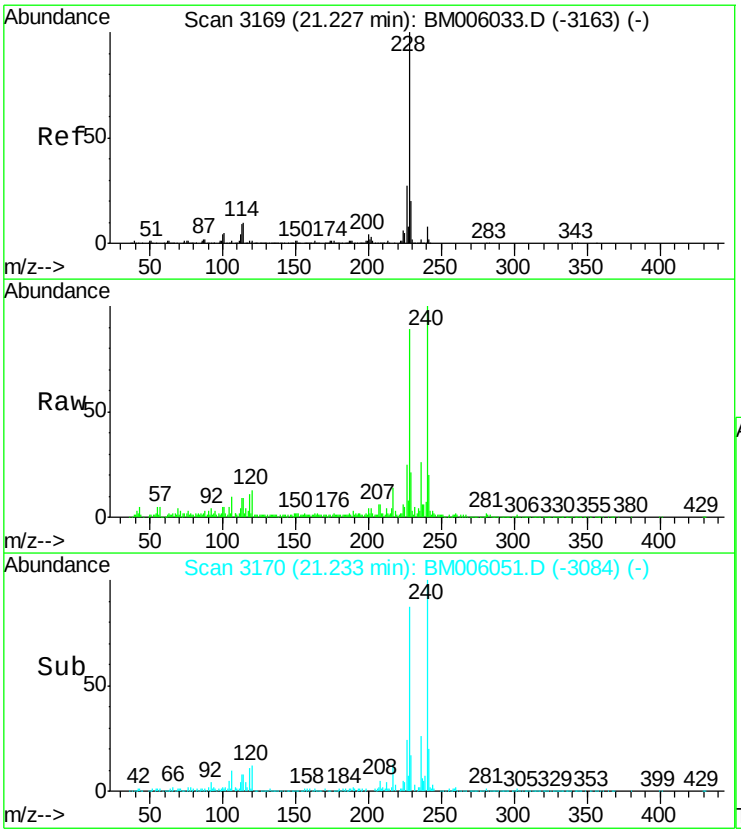
Tgt Ion:202 Resp: 2589520

Ion	Ratio	Lower	Upper
202	100		
101	12.2	9.8	14.6
100	9.5	8.2	12.2

Instrument :
BNA_M
ClientSampleId :
D9Y98MS

Manual Integrations APPROVED
sohil
6/27/2016 8:06:07 PM

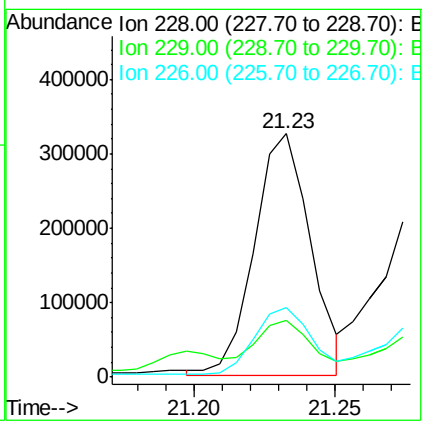


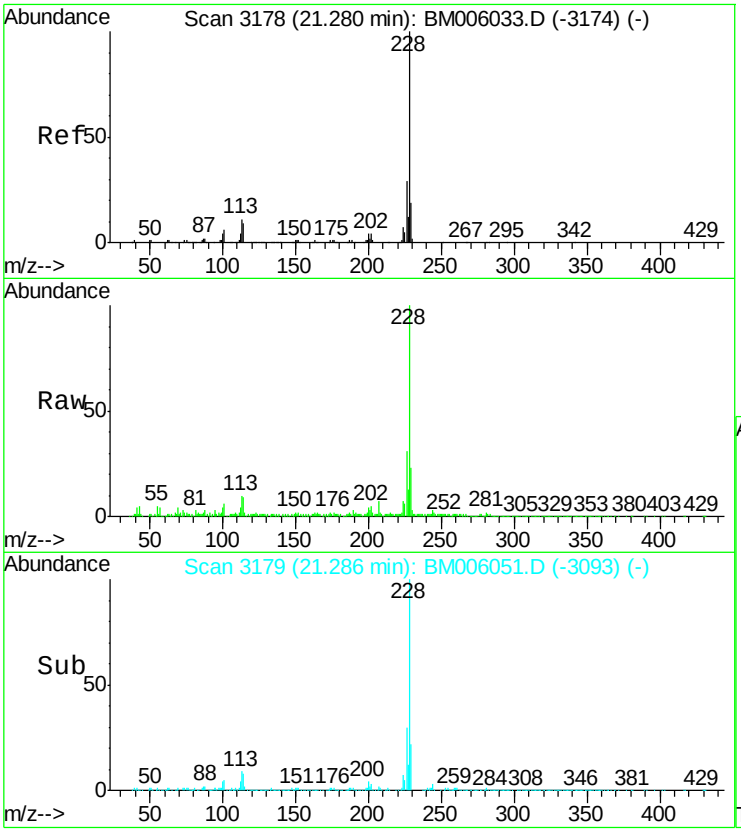


#32
Benzo(a)anthracene
Concen: 3.89 ng/ul
RT: 21.23 min Scan# 3170
Delta R.T. 0.01 min
Lab File: BM006051.D
Acq: 26 Jun 2016 22:11

Tgt Ion:228 Resp: 448145

Ion	Ratio	Lower	Upper
228	100		
229	23.4	15.8	23.6
226	28.4	21.5	32.3





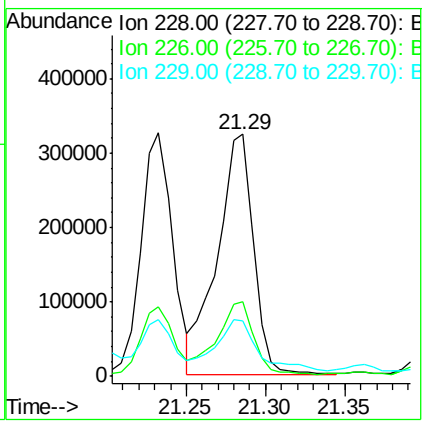
#33
Chrysene
Concen: 4.87 ng/ul
RT: 21.29 min Scan# 3179
Delta R.T. 0.01 min
Lab File: BM006051.D
Acq: 26 Jun 2016 22:11

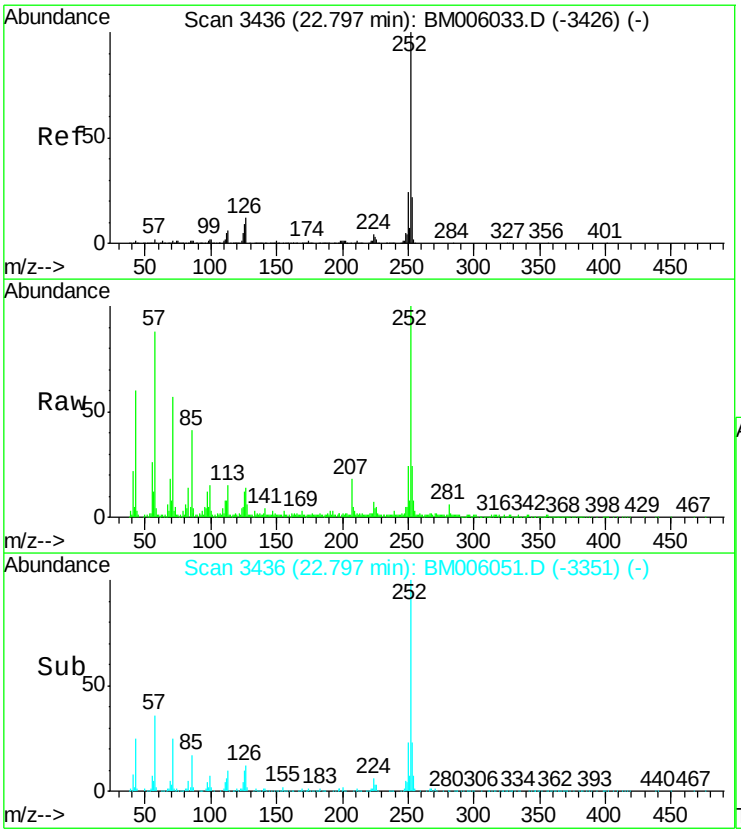
Tgt Ion:228 Resp: 512904

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.3	36.5
229	23.1	15.4	23.2

Instrument :
BNA_M
ClientSampleId :
D9Y98MS

Manual Integrations APPROVED
sohil
6/27/2016 8:06:07 PM

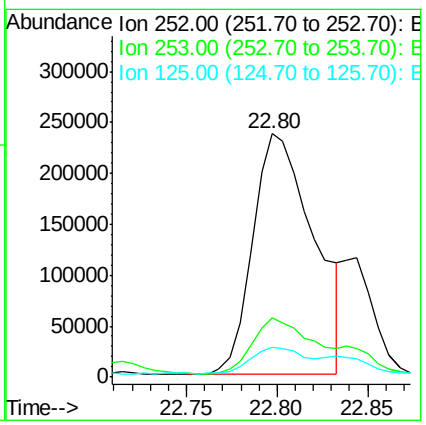


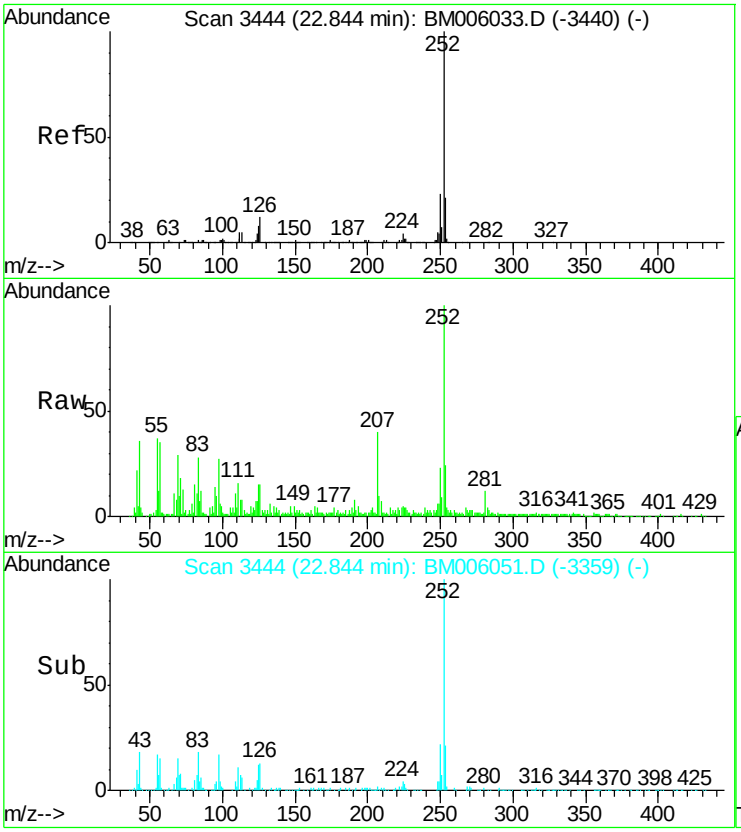


#35
Benzo(b)fluoranthene
Concen: 5.99 ng/ul
RT: 22.80 min Scan# 3436
Delta R.T. -0.00 min
Lab File: BM006051.D
Acq: 26 Jun 2016 22:11

Tgt Ion:252 Resp: 553998

Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.2	25.8
125	12.5	6.8	10.2#

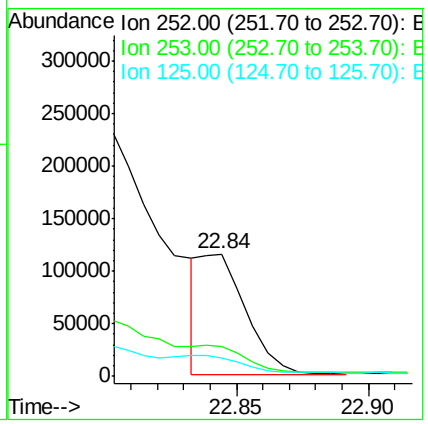




#36
Benzo(k)fluoranthene
Concen: 1.60 ng/ul m
RT: 22.84 min Scan# 3444
Delta R.T. -0.00 min
Lab File: BM006051.D
Acq: 26 Jun 2016 22:11

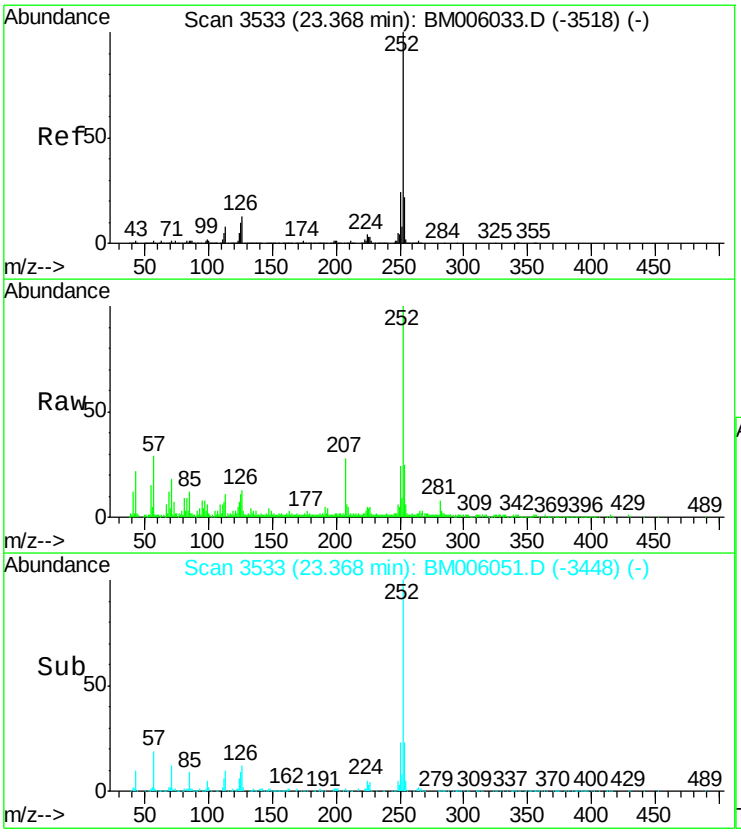
Tgt Ion:252 Resp: 138045

Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.3	25.9
125	15.2	7.0	10.4#



Instrument :
BNA_M
ClientSampleId :
D9Y98MS

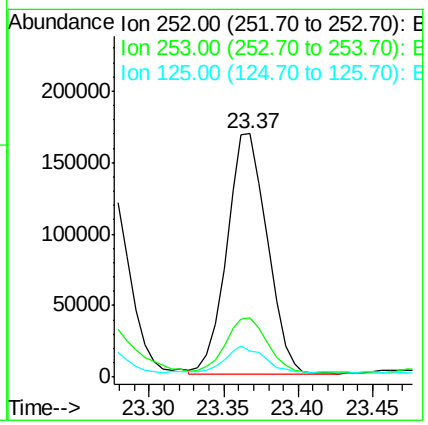
Manual Integrations APPROVED
sohil
6/27/2016 8:06:07 PM

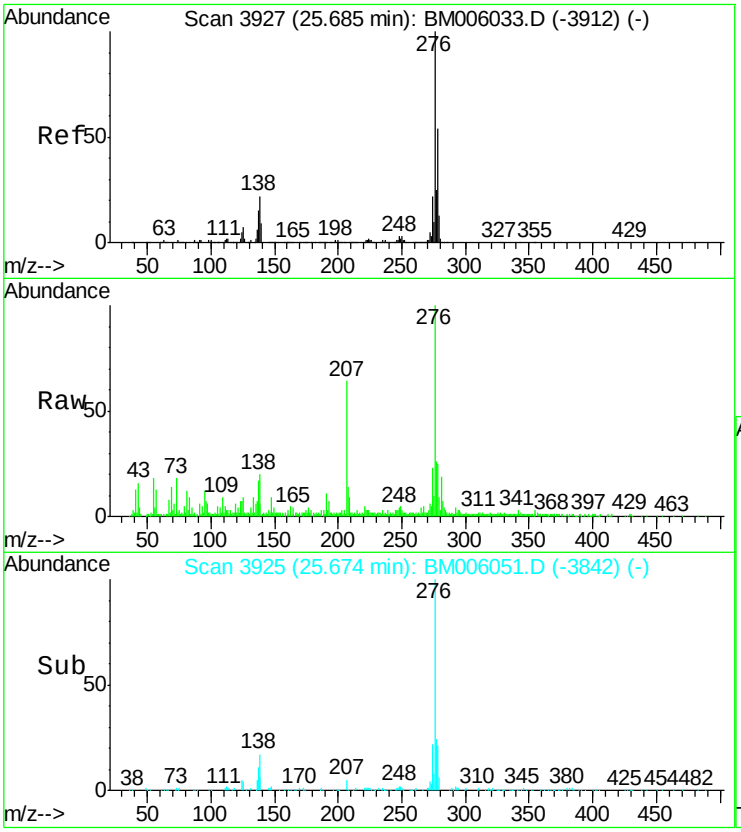


#38
Benzo(a)pyrene
Concen: 3.57 ng/ul
RT: 23.37 min Scan# 3533
Delta R.T. -0.00 min
Lab File: BM006051.D
Acq: 26 Jun 2016 22:11

Tgt Ion:252 Resp: 316780

Ion	Ratio	Lower	Upper
252	100		
253	24.6	17.6	26.4
125	10.8	7.8	11.6

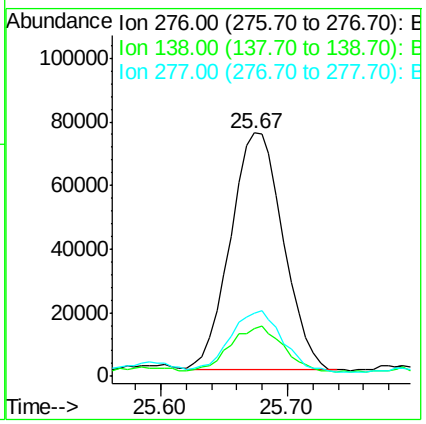




#39
Indeno(1,2,3-cd)pyrene
Concen: 2.04 ng/ul
RT: 25.67 min Scan# 3925
Delta R.T. -0.01 min
Lab File: BM006051.D
Acq: 26 Jun 2016 22:11

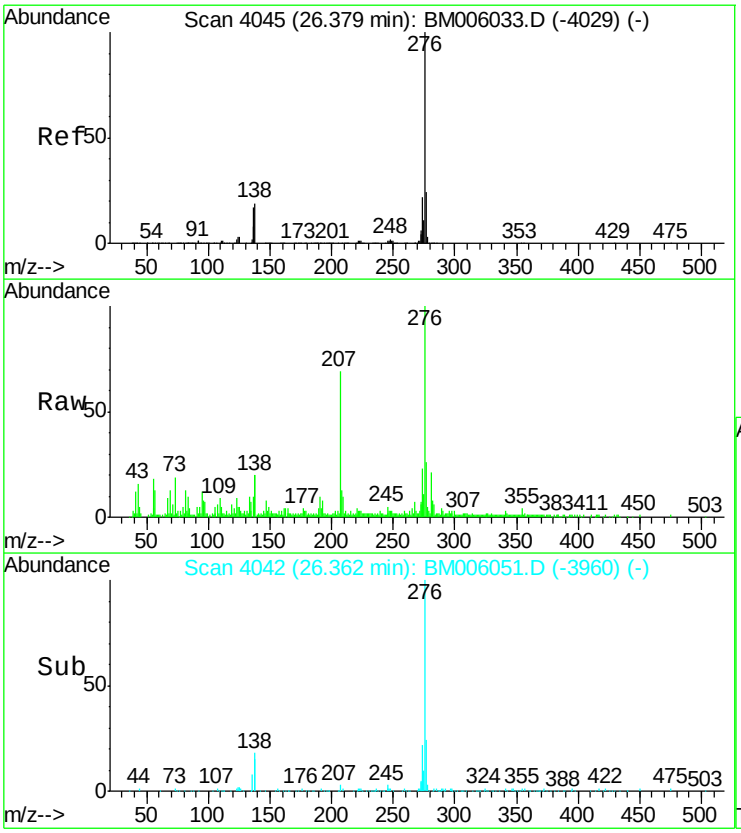
Tgt Ion:276 Resp: 215418

Ion	Ratio	Lower	Upper
276	100		
138	19.7	16.6	25.0
277	26.2	19.6	29.4



Instrument :
BNA_M
ClientSampleId :
D9Y98MS

Manual Integrations APPROVED
sohil
6/27/2016 8:06:07 PM



#41
Benzo(g,h,i)perylene
Concen: 2.38 ng/ul
RT: 26.36 min Scan# 4042
Delta R.T. -0.02 min
Lab File: BM006051.D
Acq: 26 Jun 2016 22:11

Tgt Ion:276 Resp: 217930

Ion	Ratio	Lower	Upper
276	100		
138	20.0	15.9	23.9
277	26.0	19.2	28.8