Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007450.D
Acq On : 07 Sep 2016 21:54
Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BD399

Manual Integrations APPROVED
umangi
9/8/2016 12:54:29 PM

Quant Time: Sep 08 05:07:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 08 03:10:54 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	278230	20.00	ng/ul	0.00
18) Naphthalene-d8	10.57	136	1369589	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.42	164	938394	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	2307174	20.00	ng/ul	0.00
75) Chrysene-d12	21.35	240	2832753	20.00	ng/ul	0.00
83) Perylene-d12	23.62	264	2578886	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	16030	2.94	ng/uL	0.00
5) Phenol-d5	6.96	99	419689	15.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	230933	16.72	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	320940	16.52	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	362796	15.83	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	173370	17.24	ng/ul	0.00
22) 2-Nitrophenol-d4	9.66	143	204684	17.43	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	398039	17.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	170515	5.85	ng/ul	0.00
43) Dimethylphthalate-d6	13.83	166	1378604	17.03	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1684114	17.95	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	175540	11.49	ng/ul	0.00
57) Fluorene-d10	15.42	176	1233896	17.62	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.54	200	220612	15.21	ng/ul	0.00
70) Anthracene-d10	17.26	188	1998635	18.54	ng/ul	0.00
76) Pyrene-d10	19.56	212	2406375	20.32	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.47	264	2145622	18.06	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.99	94	38844	1.42	ng/ul	91
28) Naphthalene	10.63	128	192964	2.83	ng/ul	98
34) 2-Methylnaphthalene	12.24	142	174639	3.13	ng/ul	97
44) Dimethylphthalate	13.88	163	906253	11.24	ng/ul	100
53) Dibenzofuran	14.82	168	173916	1.85	ng/ul	94
69) Phenanthrene	17.21	178	904426	7.30	ng/ul	99
71) Anthracene	17.30	178	144964	1.13	ng/ul	99
74) Fluoranthene	19.22	202	1205256	7.75	ng/ul	98
77) Pyrene	19.59	202	949705	6.25	ng/ul	99
80) Benzo(a)anthracene	21.33	228	595632m	3.57	ng/ul	
82) Chrysene	21.39	228	1376677m	9.10	ng/ul	
85) Benzo(b)fluoranthene	22.93	252	1306266	8.57	ng/ul	98
86) Benzo(k)fluoranthene	22.97	252	381007m	2.70	ng/ul	
88) Benzo(a)pyrene	23.52	252	322507	2.21	ng/ul#	97
89) Indeno(1,2,3-cd)pyrene	25.90	276	244591	1.37	ng/ul	99
91) Benzo(g,h,i)perylene	26.60	276	196807	1.29	ng/ul	98

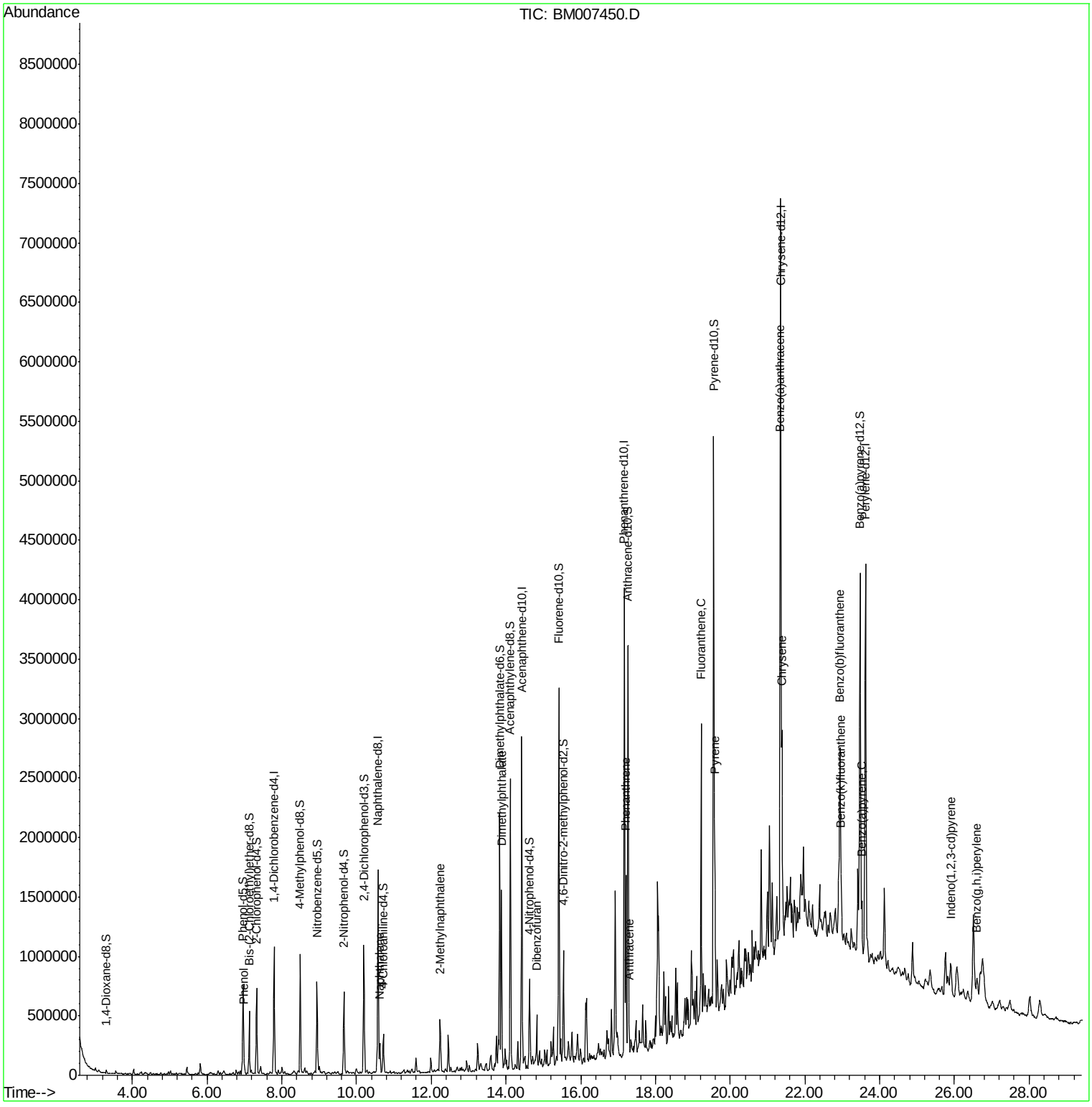
(#) = qualifier out of range (m) = manual integration (+) = signals summed

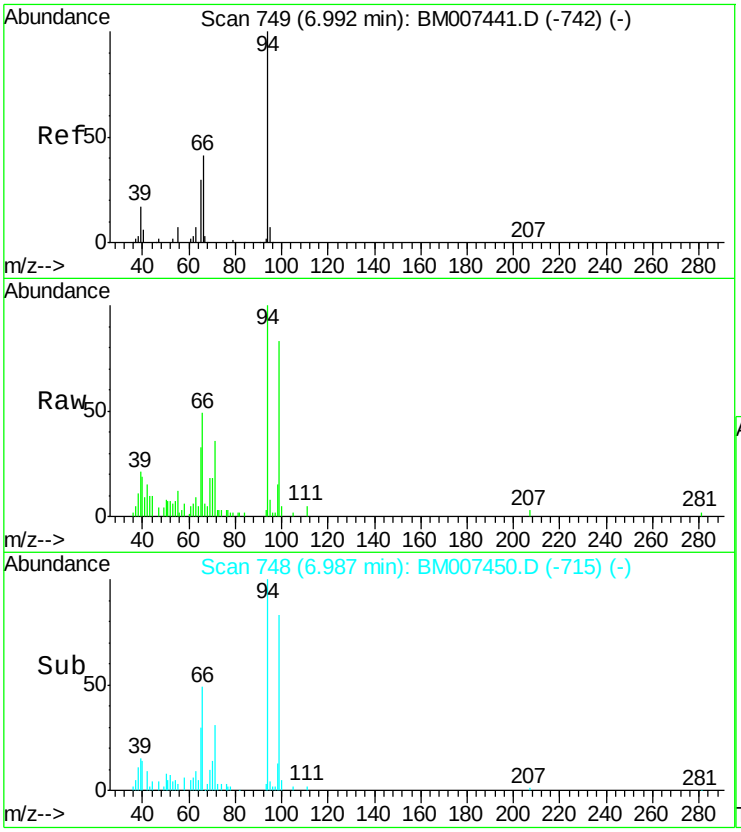
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM090716\
Data File : BM007450.D
Acq On : 07 Sep 2016 21:54
Operator : UM/SJ
Sample : H4666-01
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Sep 08 05:07:58 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM082316.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 08 03:10:54 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BD399

Manual Integrations APPROVED
umangi
9/8/2016 12:54:29 PM

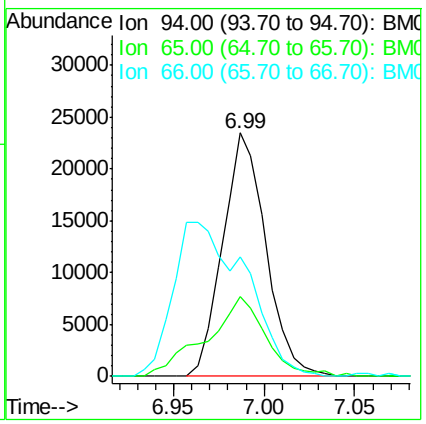




#6
Phenol
Concen: 1.42 ng/ul
RT: 6.99 min Scan# 748
Delta R.T. -0.01 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

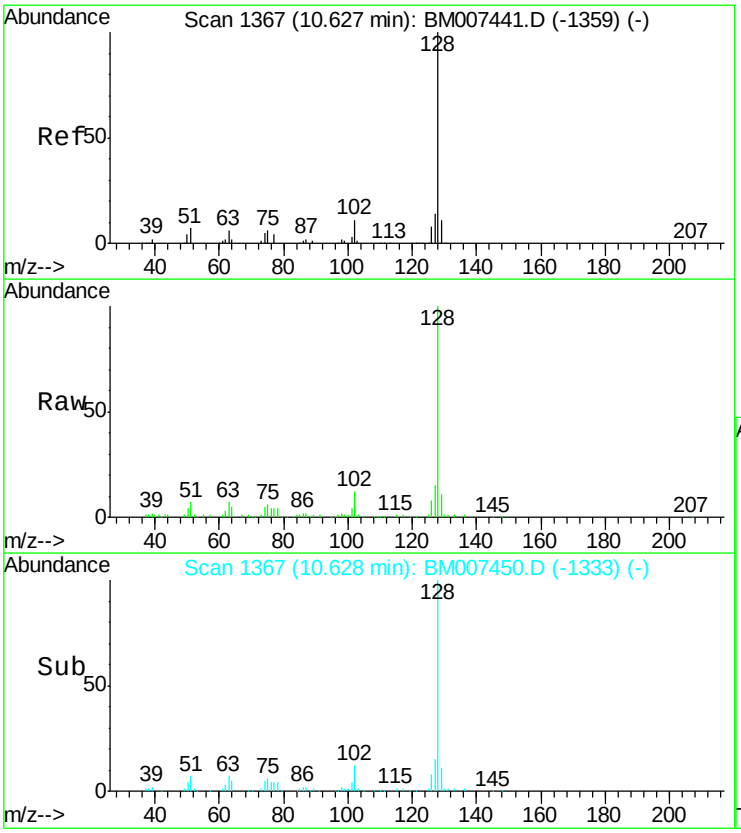
Tgt Ion: 94 Resp: 38844

Ion	Ratio	Lower	Upper
94	100		
65	32.7	23.9	35.9
66	49.1	33.5	50.3



Instrument :
BNA_M
ClientSampleId :
BD399

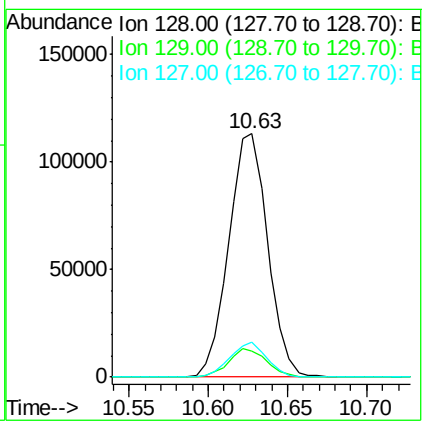
Manual Integrations APPROVED
umangi
9/8/2016 12:54:29 PM

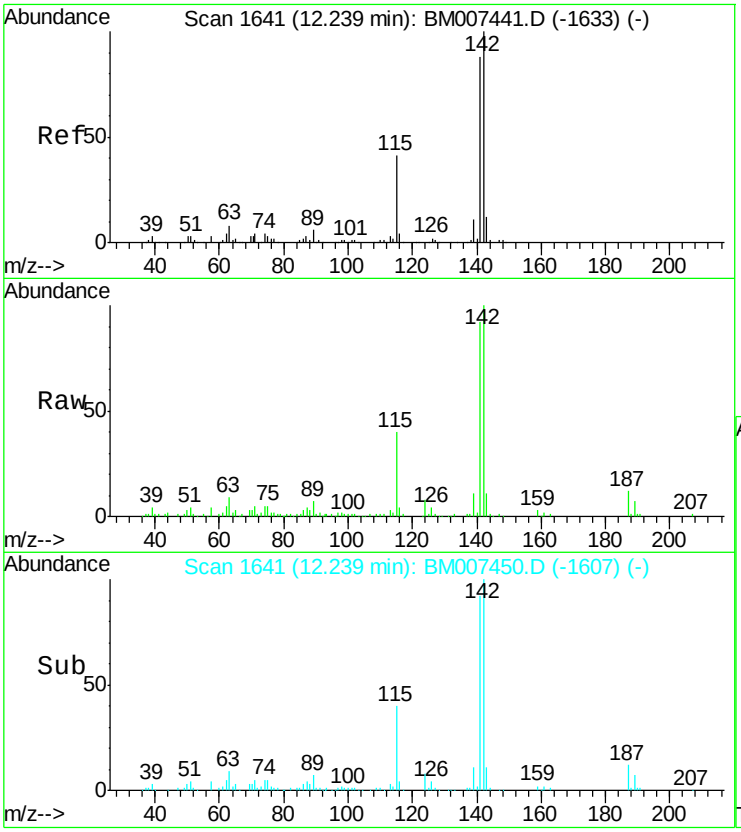


#28
Naphthalene
Concen: 2.83 ng/ul
RT: 10.63 min Scan# 1367
Delta R.T. 0.00 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

Tgt Ion:128 Resp: 192964

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.6	12.8
127	14.5	10.6	15.8





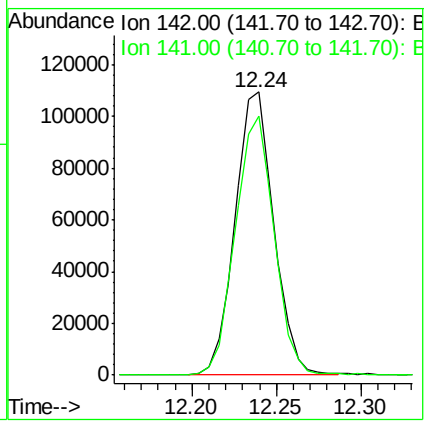
#34
2-Methylnaphthalene
Concen: 3.13 ng/ul
RT: 12.24 min Scan# 1641
Delta R.T. 0.00 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

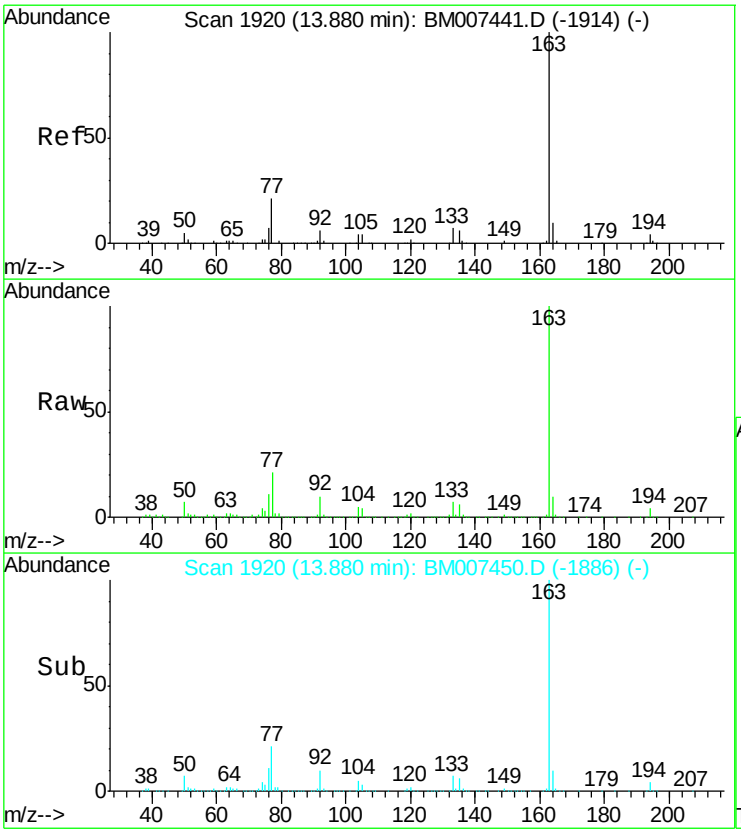
Tgt Ion:142 Resp: 174639

Ion	Ratio	Lower	Upper
142	100		
141	91.5	71.3	106.9

Instrument :
BNA_M
ClientSampleId :
BD399

Manual Integrations APPROVED
umangi
9/8/2016 12:54:29 PM

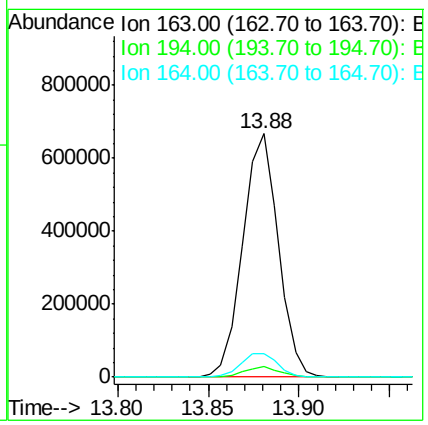


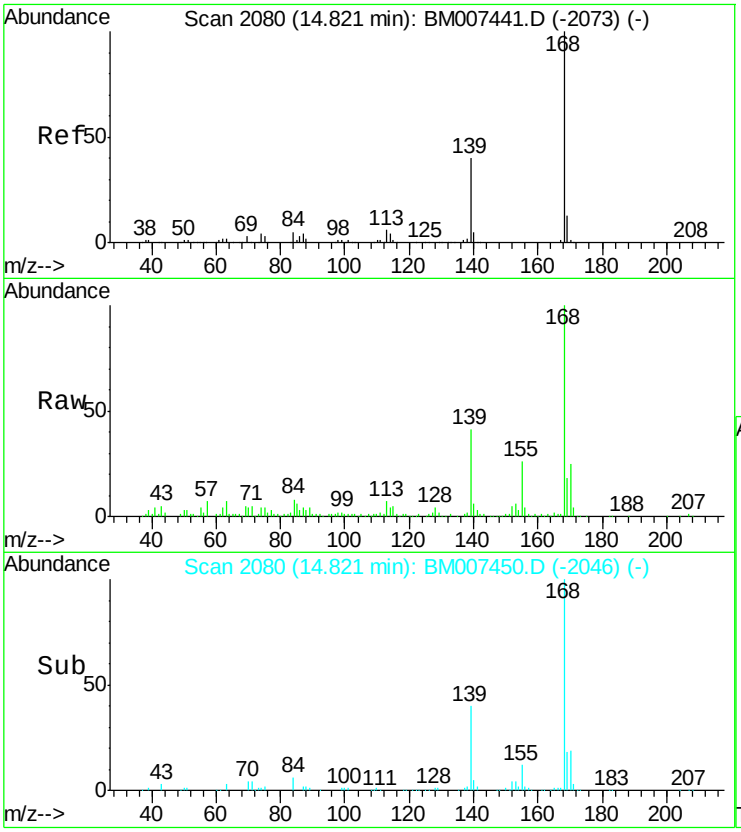


#44
Dimethylphthalate
Concen: 11.24 ng/ul
RT: 13.88 min Scan# 1920
Delta R.T. 0.00 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

Tgt Ion:163 Resp: 906253

Ion	Ratio	Lower	Upper
163	100		
194	4.2	3.4	5.2
164	9.7	7.8	11.8

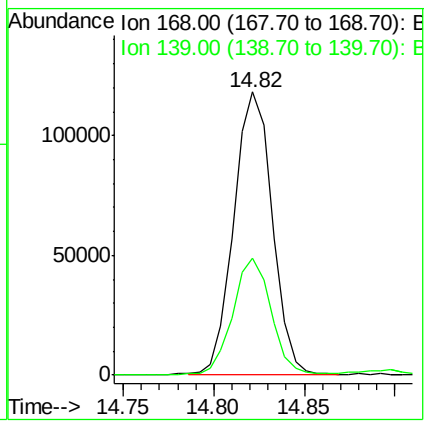




#53
Dibenzofuran
Concen: 1.85 ng/ul
RT: 14.82 min Scan# 2080
Delta R.T. 0.00 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

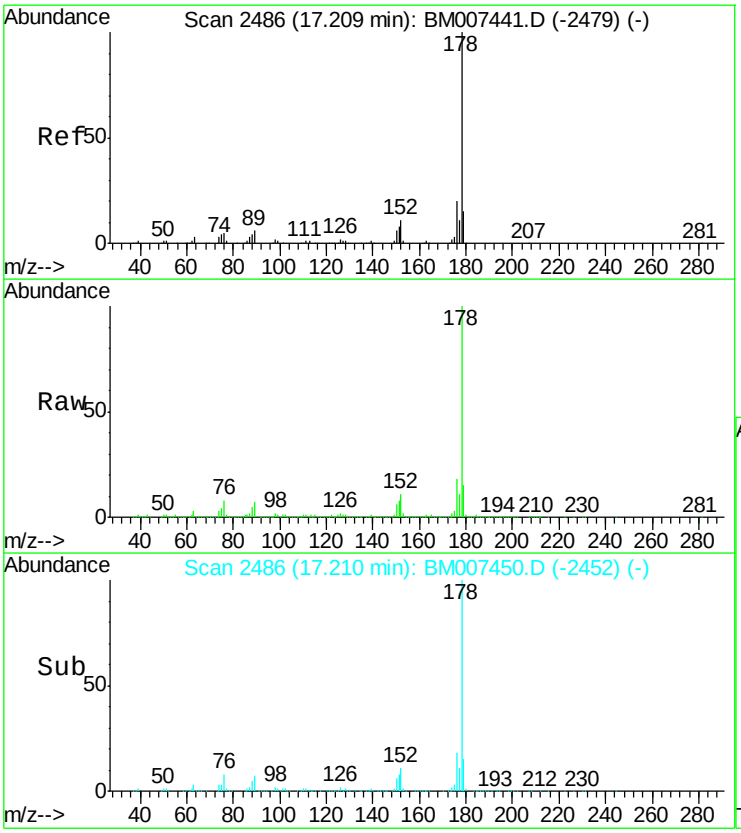
Tgt Ion:168 Resp: 173916

Ion	Ratio	Lower	Upper
168	100		
139	41.4	30.1	45.1



Instrument :
BNA_M
ClientSampleId :
BD399

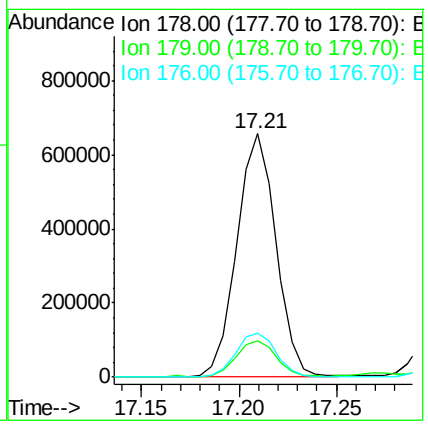
Manual Integrations APPROVED
umangi
9/8/2016 12:54:29 PM

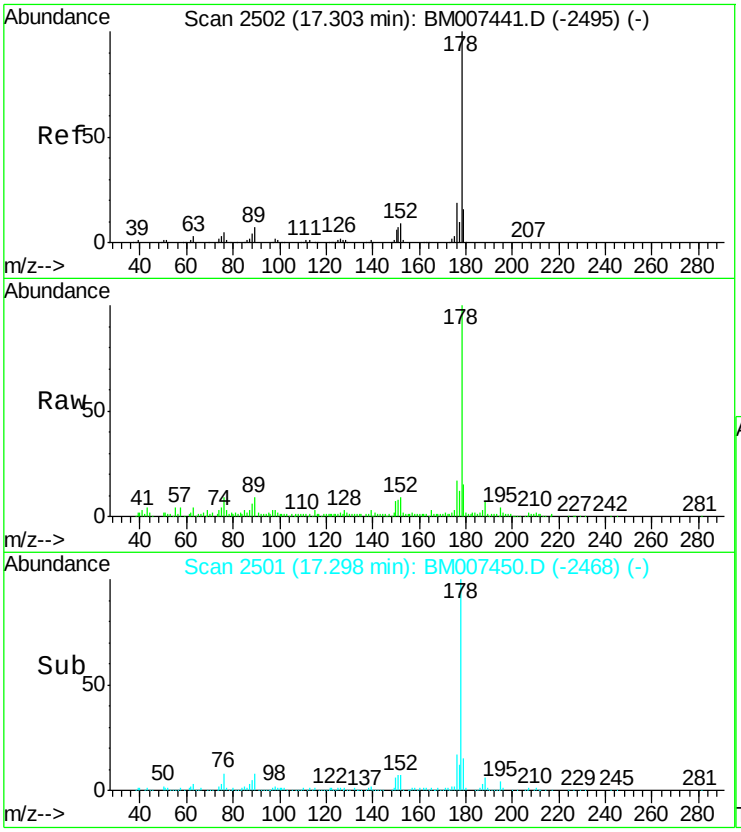


#69
Phenanthrene
Concen: 7.30 ng/ul
RT: 17.21 min Scan# 2486
Delta R.T. 0.00 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

Tgt Ion:178 Resp: 904426

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.2	18.2
176	18.3	15.1	22.7

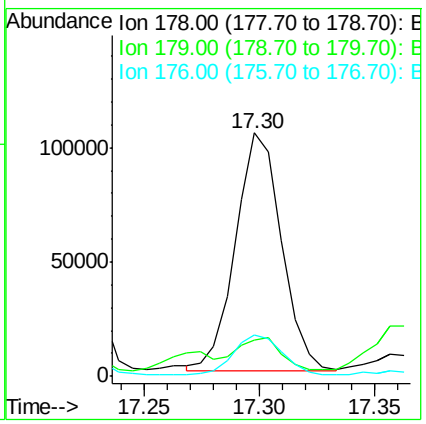




#71
Anthracene
Concen: 1.13 ng/ul
RT: 17.30 min Scan# 2501
Delta R.T. -0.01 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

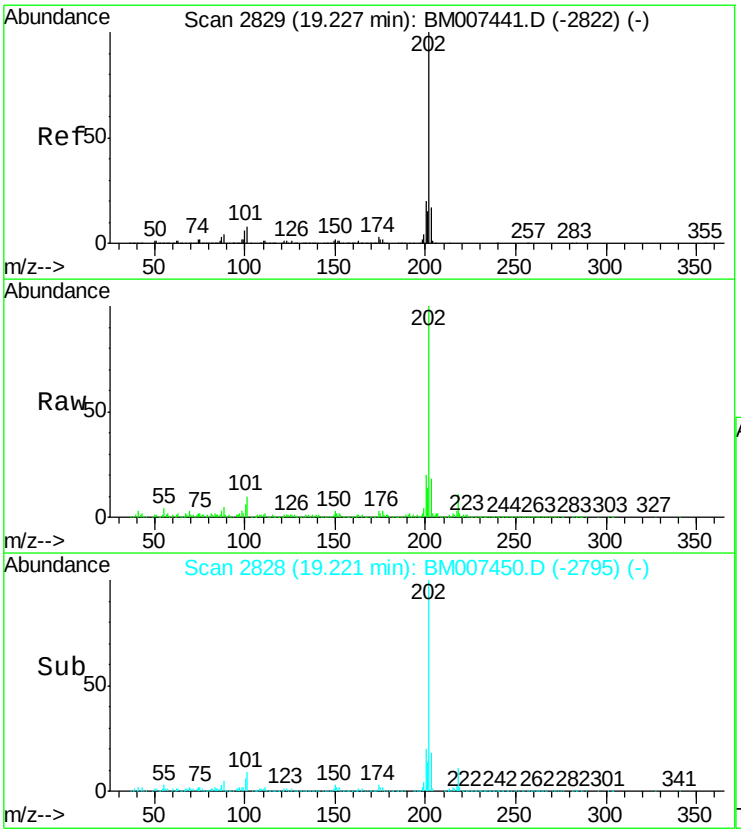
Tgt Ion:178 Resp: 144964

Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.1	18.1
176	17.1	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
BD399

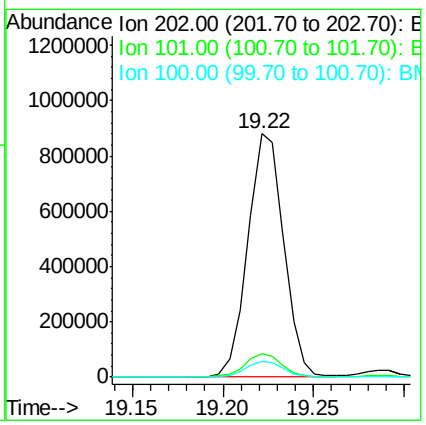
Manual Integrations APPROVED
umangi
9/8/2016 12:54:29 PM

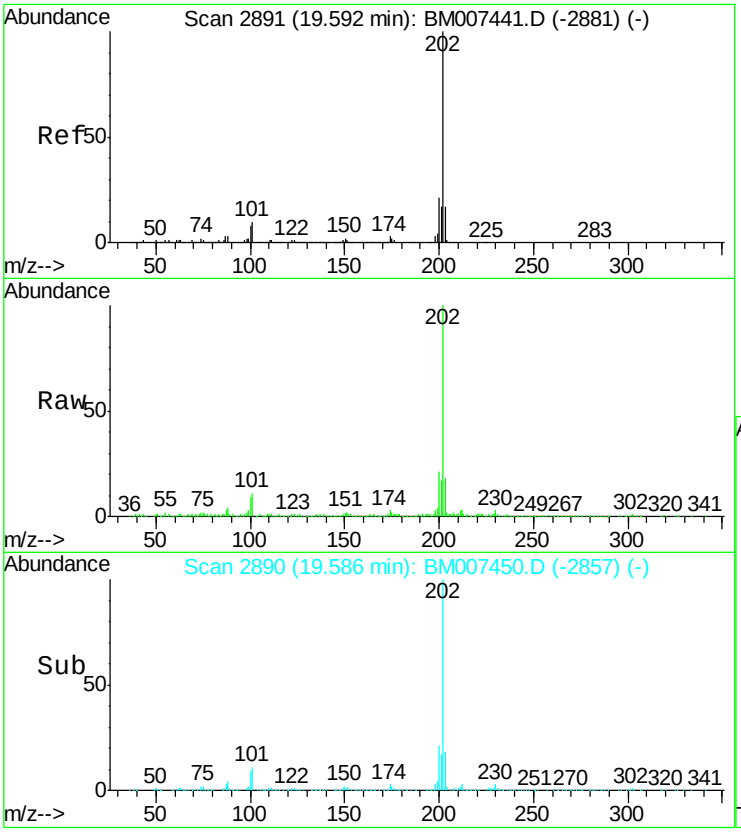


#74
Fluoranthene
Concen: 7.75 ng/ul
RT: 19.22 min Scan# 2828
Delta R.T. -0.01 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

Tgt Ion:202 Resp: 1205256

Ion	Ratio	Lower	Upper
202	100		
101	9.6	6.9	10.3
100	6.4	5.4	8.0

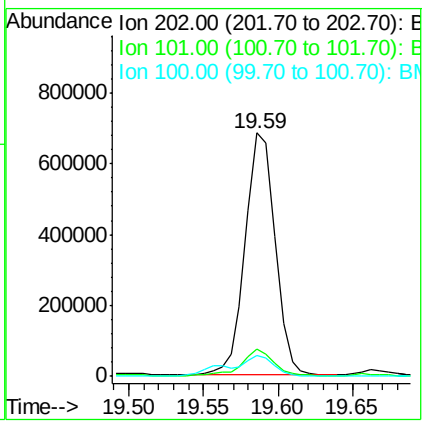




#77
Pyrene
Concen: 6.25 ng/ul
RT: 19.59 min Scan# 2890
Delta R.T. -0.01 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

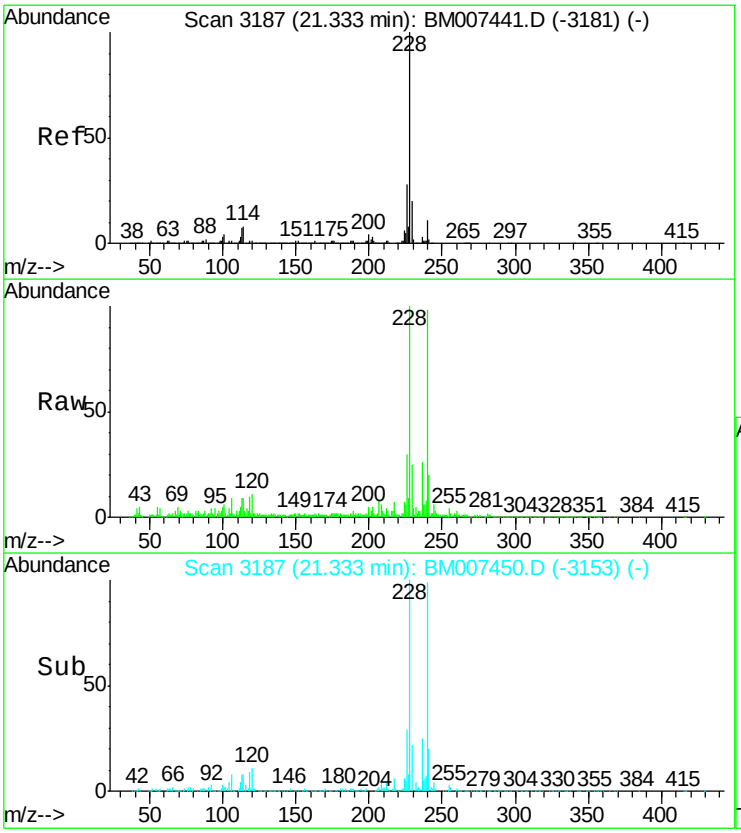
Tgt Ion:202 Resp: 949705

Ion	Ratio	Lower	Upper
202	100		
101	11.1	8.4	12.6
100	8.7	6.9	10.3



Instrument :
BNA_M
ClientSampleId :
BD399

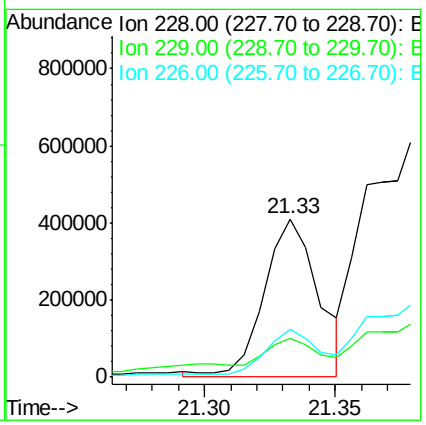
Manual Integrations APPROVED
umangi
9/8/2016 12:54:29 PM

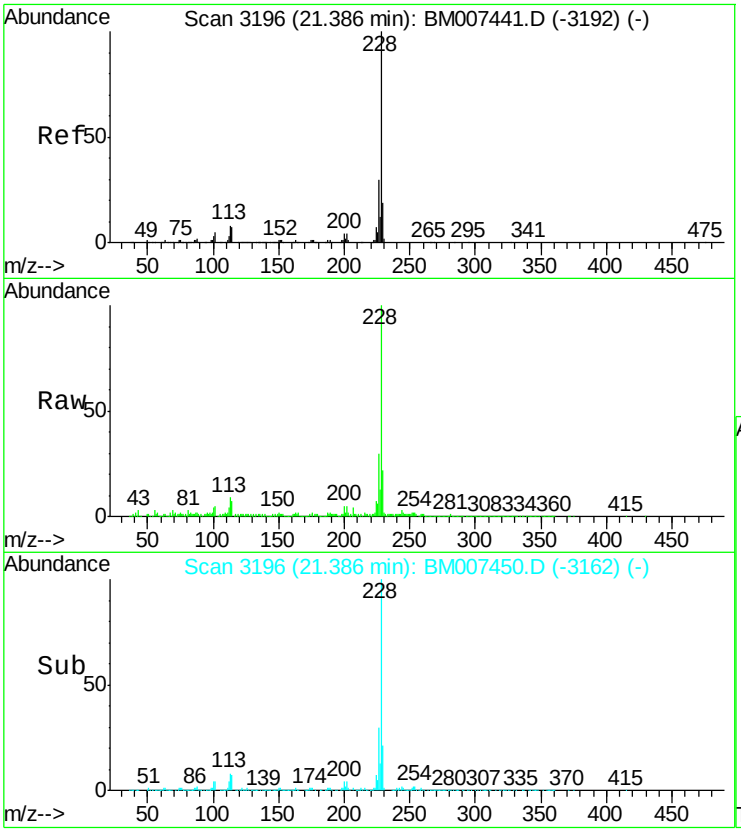


#80
Benzo(a)anthracene
Concen: 3.57 ng/ul m
RT: 21.33 min Scan# 3187
Delta R.T. 0.00 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

Tgt Ion:228 Resp: 595632

Ion	Ratio	Lower	Upper
228	100		
229	24.7	15.6	23.4#
226	30.2	21.8	32.8

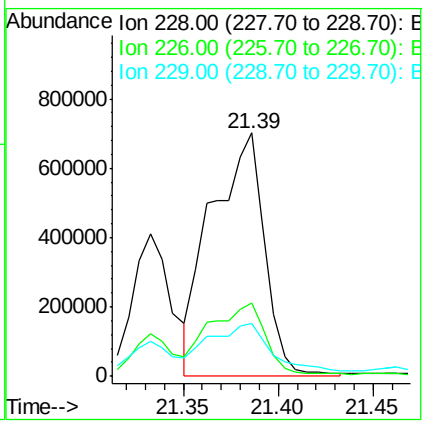




#82
Chrysene
Concen: 9.10 ng/ul m
RT: 21.39 min Scan# 3196
Delta R.T. 0.00 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

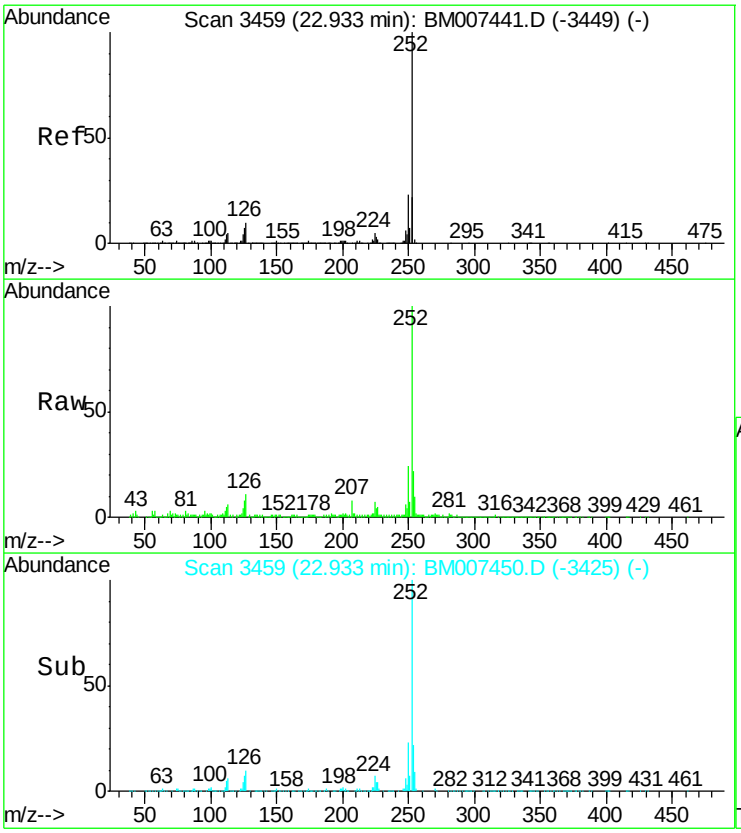
Tgt Ion:228 Resp: 1376677

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.4	35.2
229	21.7	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
BD399

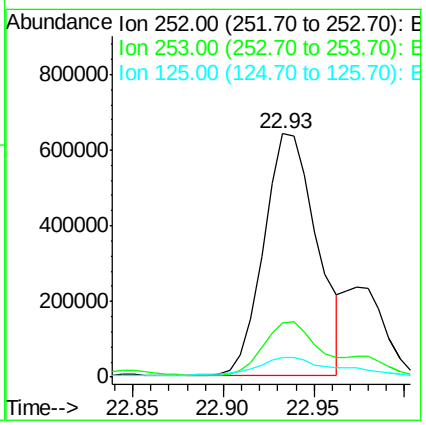
Manual Integrations APPROVED
umangi
9/8/2016 12:54:29 PM

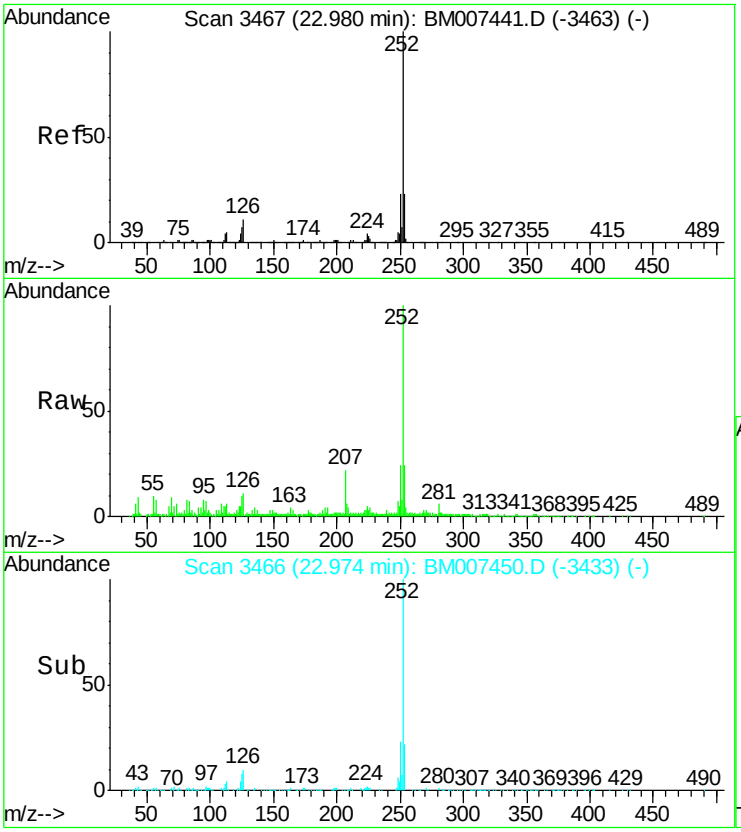


#85
Benzo(b)fluoranthene
Concen: 8.57 ng/ul
RT: 22.93 min Scan# 3459
Delta R.T. 0.00 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

Tgt Ion:252 Resp: 1306266

Ion	Ratio	Lower	Upper
252	100		
253	22.5	17.1	25.7
125	8.2	5.8	8.8

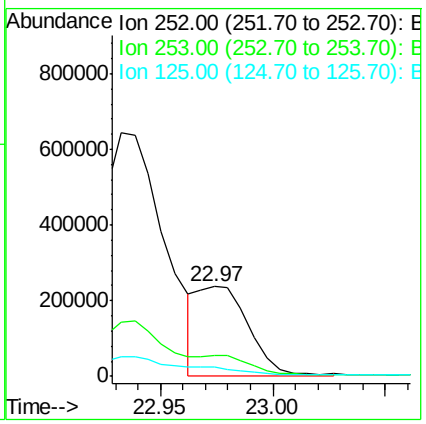




#86
Benzo(k)fluoranthene
Concen: 2.70 ng/ul m
RT: 22.97 min Scan# 3466
Delta R.T. -0.01 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

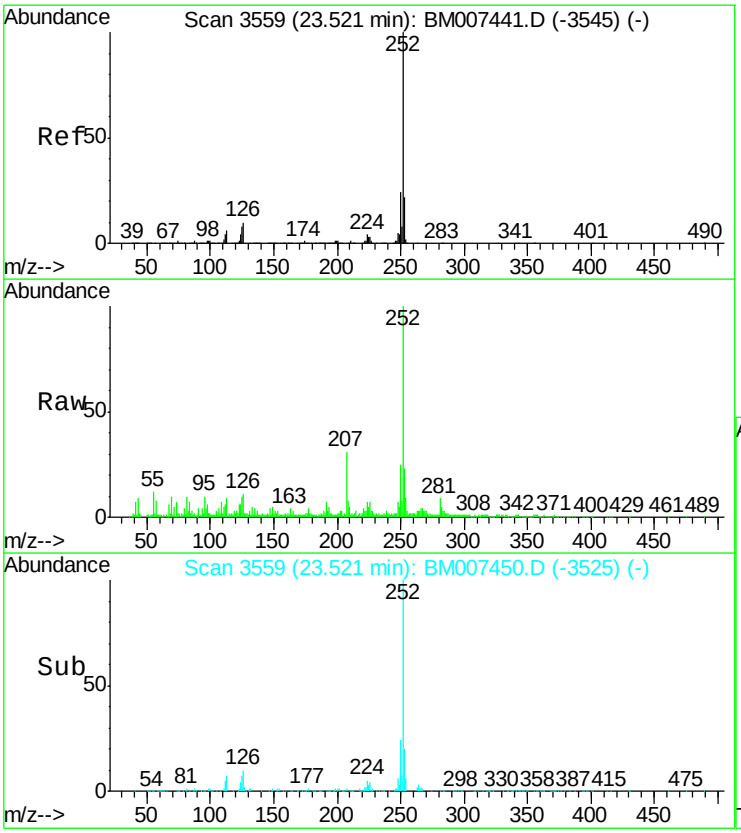
Tgt Ion:252 Resp: 381007

Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.6	26.4
125	9.8	5.7	8.5#



Instrument :
BNA_M
ClientSampleId :
BD399

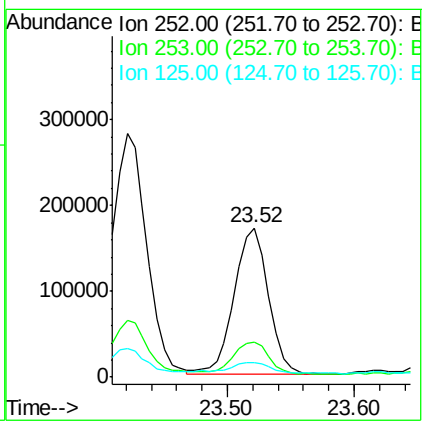
Manual Integrations APPROVED
umangi
9/8/2016 12:54:29 PM

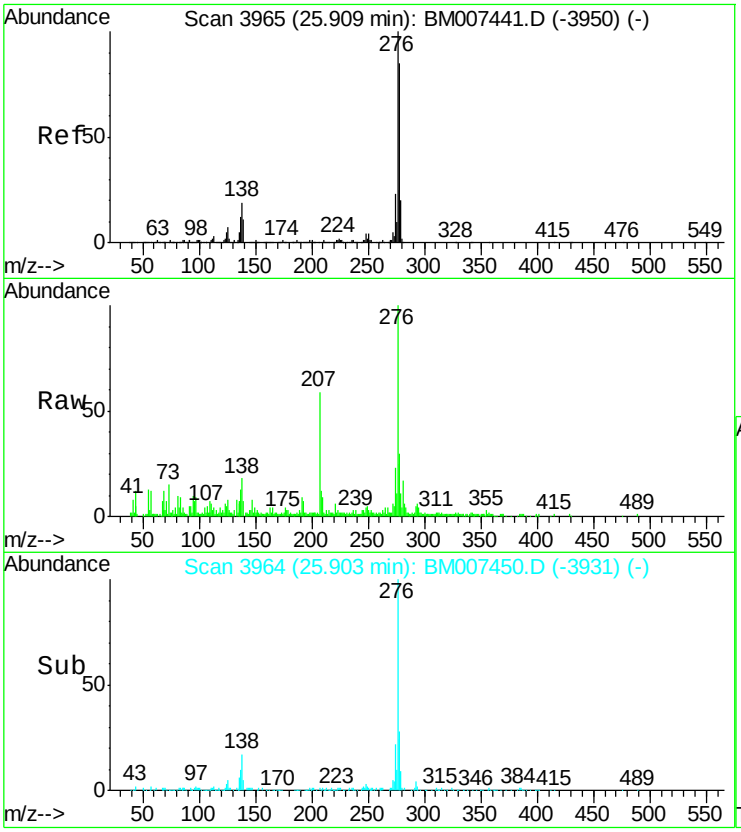


#88
Benzo(a)pyrene
Concen: 2.21 ng/ul
RT: 23.52 min Scan# 3559
Delta R.T. 0.00 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

Tgt Ion:252 Resp: 322507

Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.7	26.5
125	9.9	6.6	9.8#

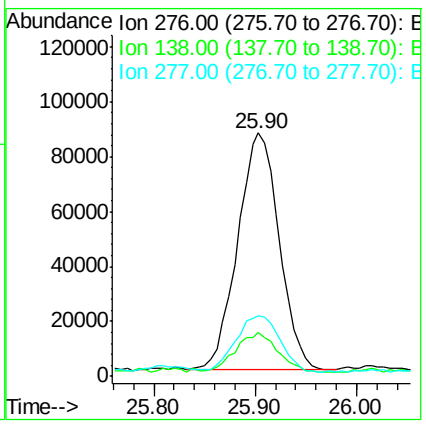




#89
Indeno(1,2,3-cd)pyrene
Concen: 1.37 ng/ul
RT: 25.90 min Scan# 3964
Delta R.T. -0.01 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

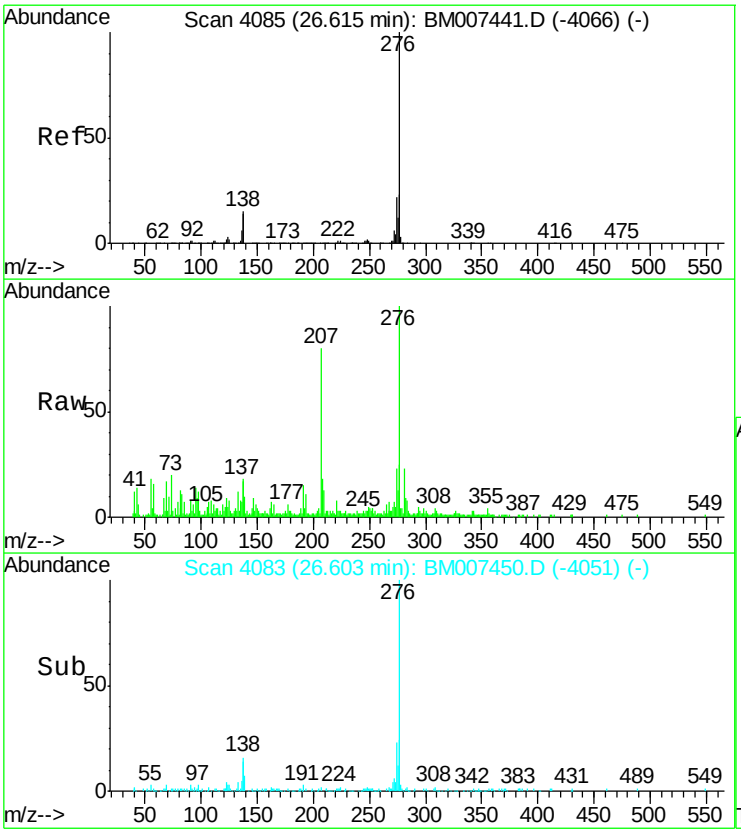
Tgt Ion:276 Resp: 244591

Ion	Ratio	Lower	Upper
276	100		
138	18.3	13.9	20.9
277	24.7	20.1	30.1



Instrument :
BNA_M
ClientSampleId :
BD399

Manual Integrations APPROVED
umangi
9/8/2016 12:54:29 PM



#91
Benzo(g,h,i)perylene
Concen: 1.29 ng/ul
RT: 26.60 min Scan# 4083
Delta R.T. -0.01 min
Lab File: BM007450.D
Acq: 07 Sep 2016 21:54

Tgt Ion:276 Resp: 196807

Ion	Ratio	Lower	Upper
276	100		
138	17.3	13.5	20.3
277	25.3	19.3	28.9