Quantitation Report (LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010481.D
Acq On : 10 Jun 2017 12:34
Operator : SJ/MA
Sample : I3521-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F5C48

Manual Integrations APPROVED
mohammad
6/12/2017 3:40:32 PM

Quant Time: Jun 12 06:04:48 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 04:15:09 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.89	152	151966	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	554635	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.53	164	383698	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.28	188	977189	20.00	ng/ul	0.00
75) Chrysene-d12	21.44	240	1431382	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1487006	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.36	96	12086	3.26	ng/uL	0.00
5) Phenol-d5	7.08	99	193939	16.84	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.23	67	117004	18.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.43	132	170404	18.57	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	168077	18.09	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	81400	20.04	ng/ul	0.00
22) 2-Nitrophenol-d4	9.79	143	102139	21.70	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	216246	22.37	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	200890	21.54	ng/ul	0.00
43) Dimethylphthalate-d6	13.94	166	738579	23.17	ng/ul	0.00
46) Acenaphthylene-d8	14.23	160	796081	21.41	ng/ul	0.00
51) 4-Nitrophenol-d4	14.77	143	89009	18.66	ng/ul	0.00
57) Fluorene-d10	15.53	176	638448	22.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.65	200	130432	18.84	ng/ul	0.00
70) Anthracene-d10	17.38	188	1088666	22.90	ng/ul	0.00
76) Pyrene-d10	19.67	212	1424800	24.07	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.63	264	1631616	23.57	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.11	94	16609	1.407	ng/ul#	82
44) Dimethylphthalate	13.99	163	791623	25.249	ng/ul	99
47) Acenaphthylene	14.26	152	36689	1.010	ng/ul	98
74) Fluoranthene	19.33	202	518135	8.077	ng/ul#	96
77) Pyrene	19.70	202	605660	8.211	ng/ul#	93
80) Benzo(a)anthracene	21.43	228	416536	5.160	ng/ul	96
82) Chrysene	21.48	228	594004	8.141	ng/ul	95
85) Benzo(b)fluoranthene	23.07	252	1129455	13.053	ng/ul	94
86) Benzo(k)fluoranthene	23.11	252	420064m	5.082	ng/ul	
88) Benzo(a)pyrene	23.68	252	489125	5.703	ng/ul	99
89) Indeno(1,2,3-cd)pyrene	26.16	276	422405	3.898	ng/ul	96
91) Benzo(g,h,i)perylene	26.90	276	330101	3.698	ng/ul	98

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

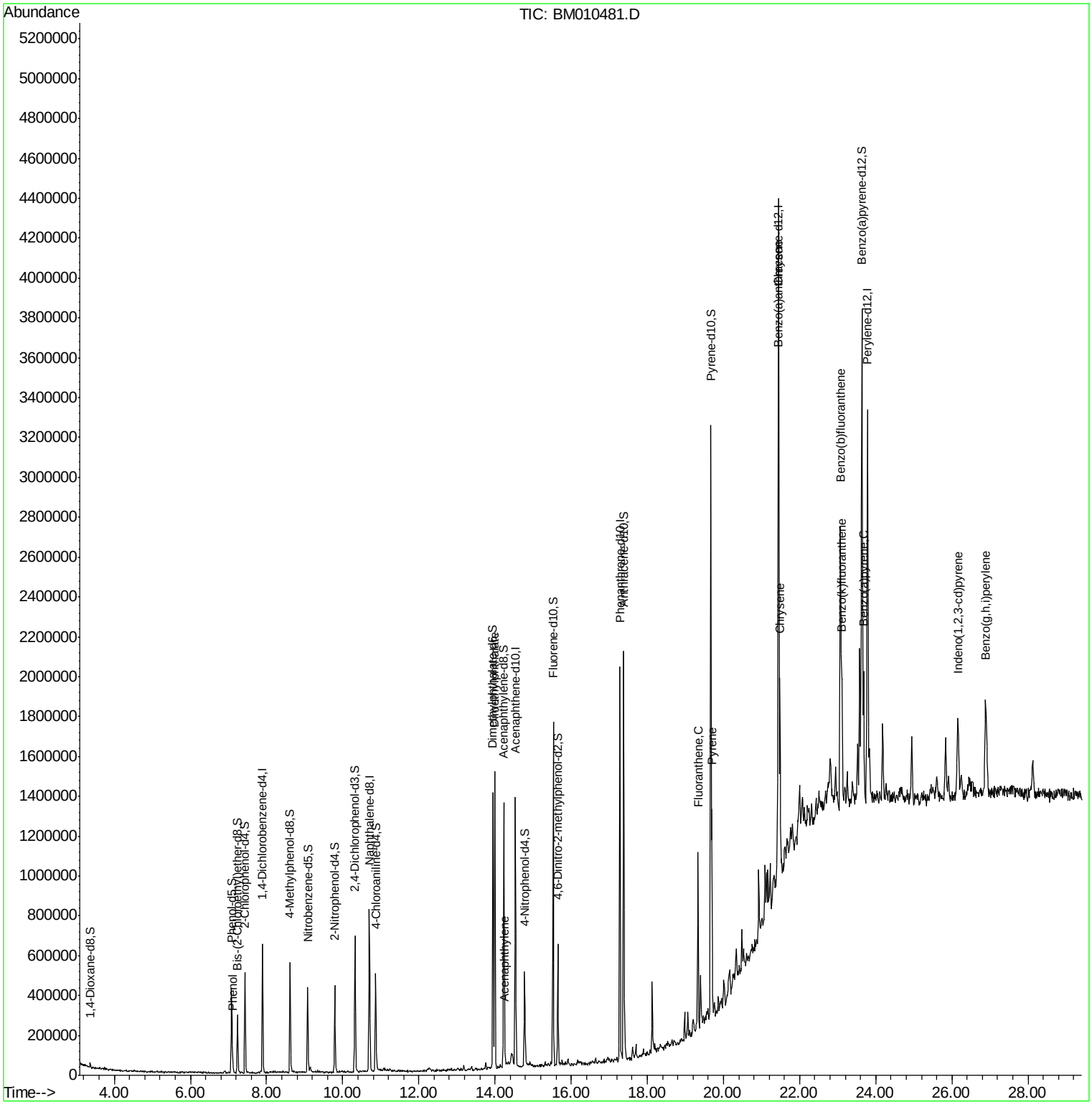
Quantitation Report (LSC Reviewed)

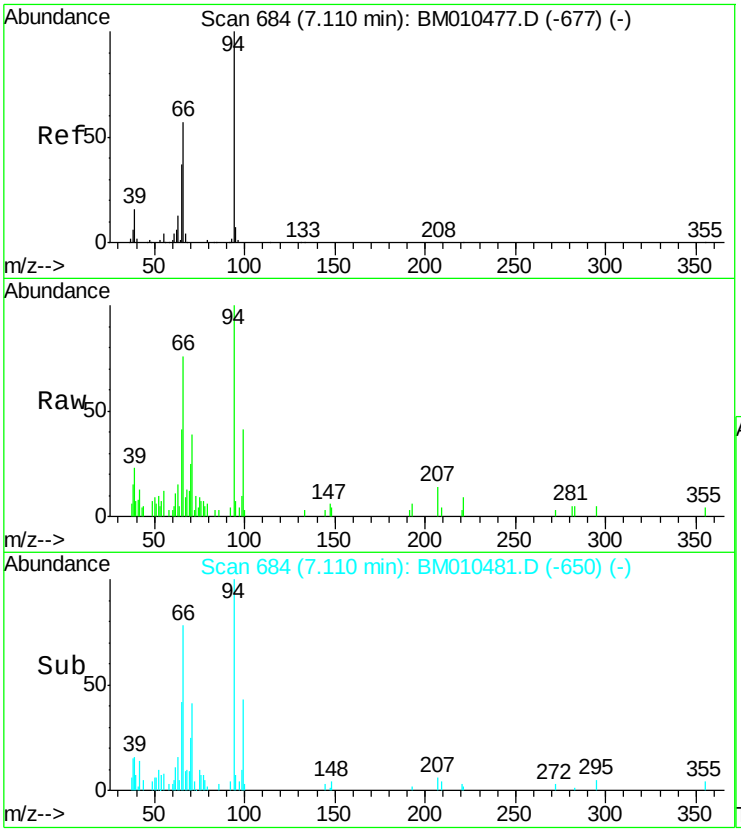
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061017\
Data File : BM010481.D
Acq On : 10 Jun 2017 12:34
Operator : SJ/MA
Sample : I3521-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Jun 12 06:04:48 2017
Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jun 12 04:15:09 2017
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
F5C48

Manual Integrations APPROVED
mohammad
6/12/2017 3:40:32 PM





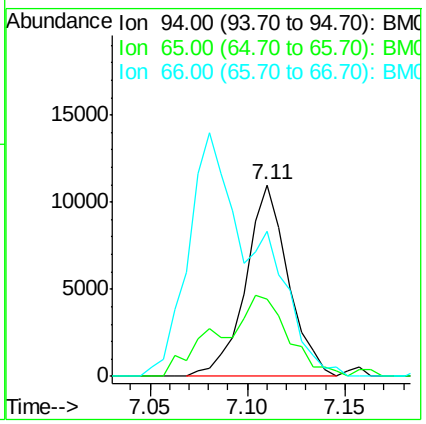
#6
Phenol
Concen: 1.407 ng/ul
RT: 7.11 min Scan# 684
Delta R.T. -0.00 min
Lab File: BM010481.D
Acq: 10 Jun 2017 12:34

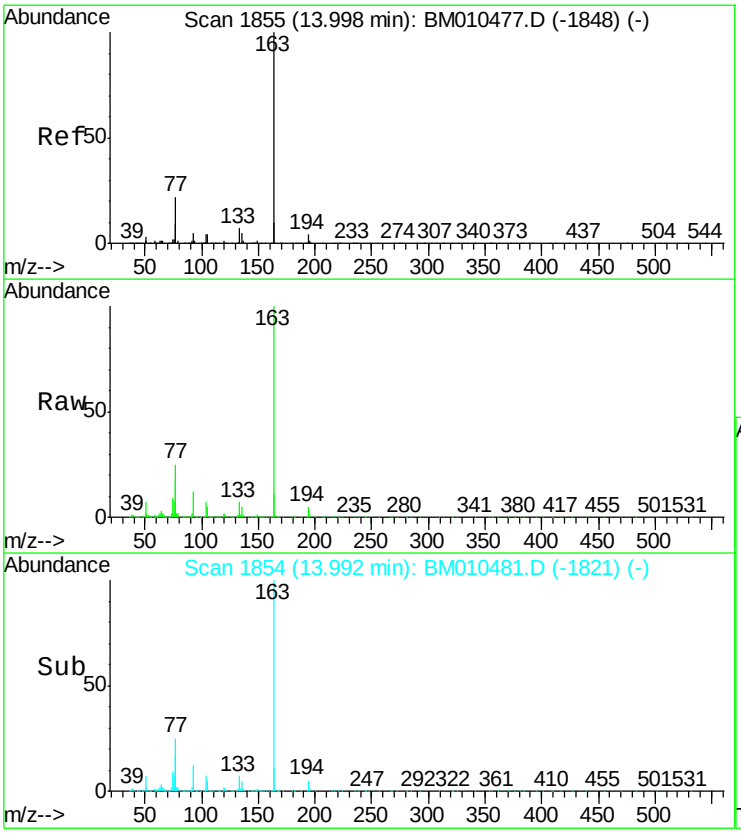
Tgt Ion: 94 Resp: 16609

Ion	Ratio	Lower	Upper
94	100		
65	40.6	28.2	42.4
66	76.2	47.2	70.8#

Instrument :
BNA_M
ClientSampleId :
F5C48

Manual Integrations APPROVED
mohammad
6/12/2017 3:40:32 PM

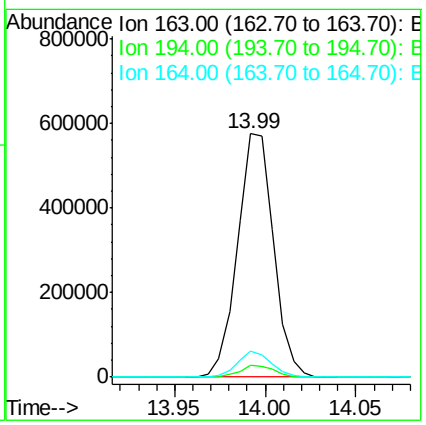


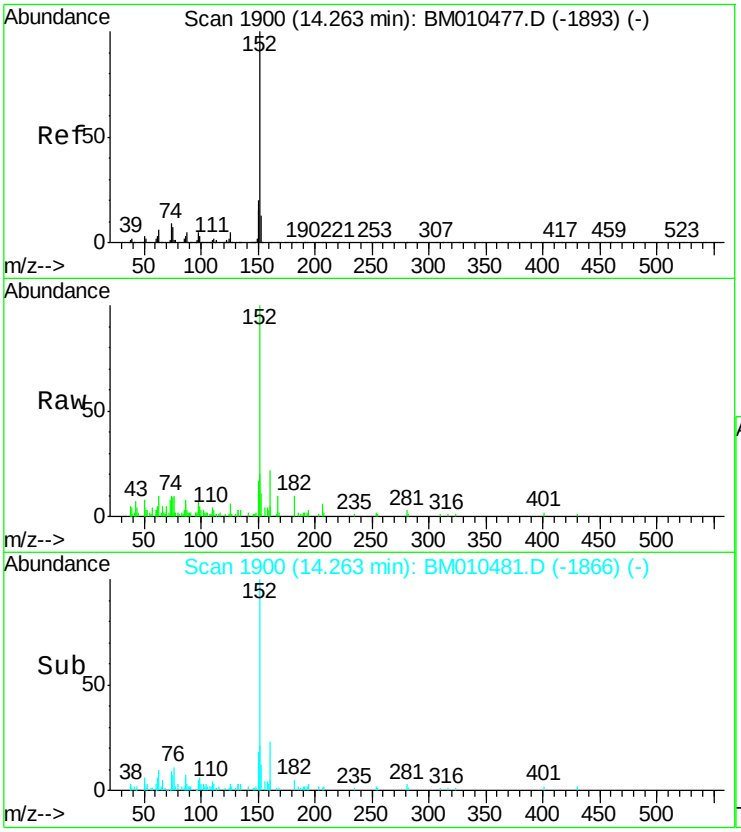


#44
Dimethylphthalate
Concen: 25.249 ng/ul
RT: 13.99 min Scan# 1854
Delta R.T. -0.01 min
Lab File: BM010481.D
Acq: 10 Jun 2017 12:34

Tgt Ion:163 Resp: 791623

Ion	Ratio	Lower	Upper
163	100		
194	4.9	3.5	5.3
164	10.7	8.2	12.4

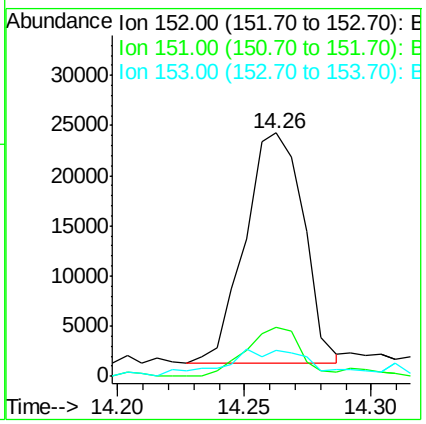




#47
Acenaphthylene
Concen: 1.010 ng/ul
RT: 14.26 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BM010481.D
Acq: 10 Jun 2017 12:34

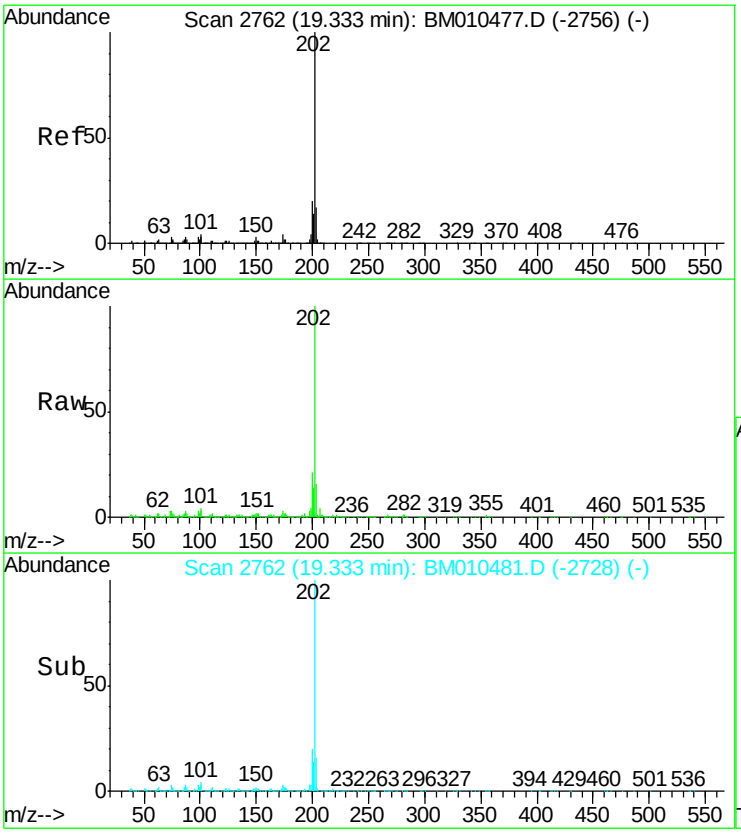
Tgt Ion:152 Resp: 36689

Ion	Ratio	Lower	Upper
152	100		
151	20.1	16.3	24.5
153	10.9	10.2	15.4



Instrument :
BNA_M
ClientSampleId :
F5C48

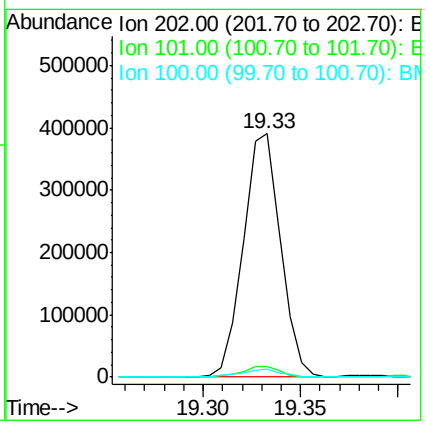
Manual Integrations APPROVED
mohammad
6/12/2017 3:40:32 PM

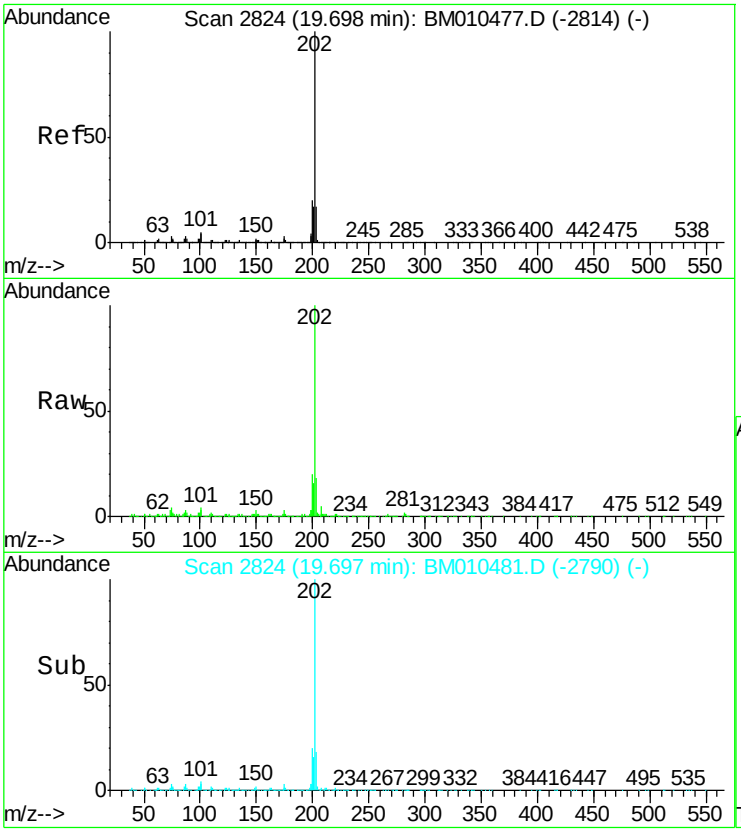


#74
Fluoranthene
Concen: 8.077 ng/ul
RT: 19.33 min Scan# 2762
Delta R.T. -0.00 min
Lab File: BM010481.D
Acq: 10 Jun 2017 12:34

Tgt Ion:202 Resp: 518135

Ion	Ratio	Lower	Upper
202	100		
101	4.3	4.6	7.0#
100	3.1	3.4	5.2#

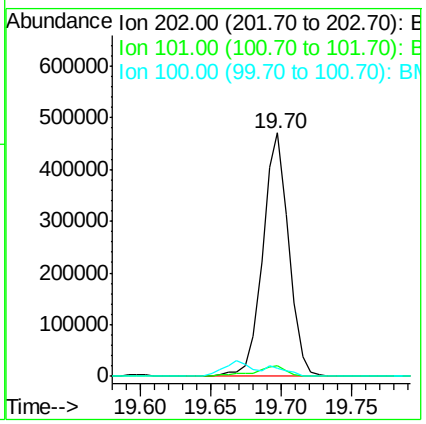




#77
Pyrene
Concen: 8.211 ng/ul
RT: 19.70 min Scan# 2824
Delta R.T. -0.00 min
Lab File: BM010481.D
Acq: 10 Jun 2017 12:34

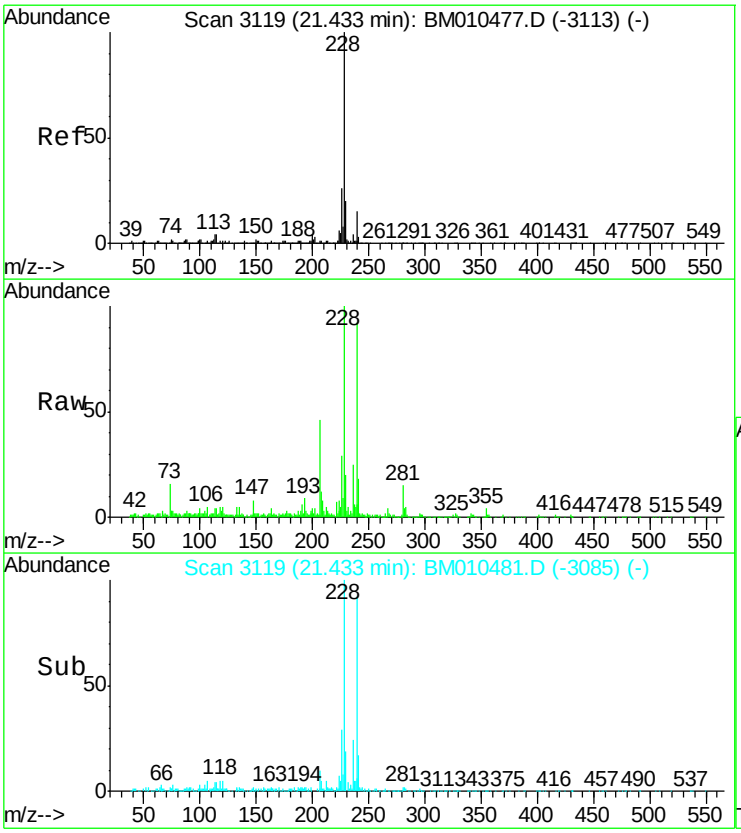
Tgt Ion:202 Resp: 605660

Ion	Ratio	Lower	Upper
202	100		
101	4.1	5.1	7.7#
100	3.3	4.9	7.3#



Instrument :
BNA_M
ClientSampleId :
F5C48

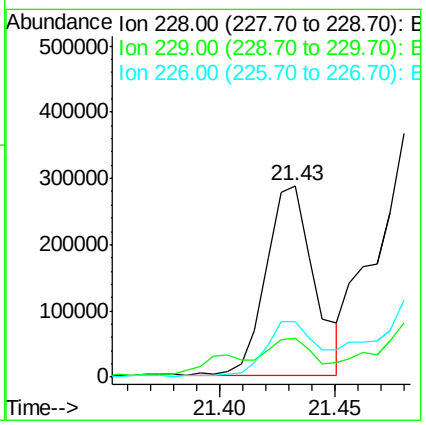
Manual Integrations APPROVED
mohammad
6/12/2017 3:40:32 PM

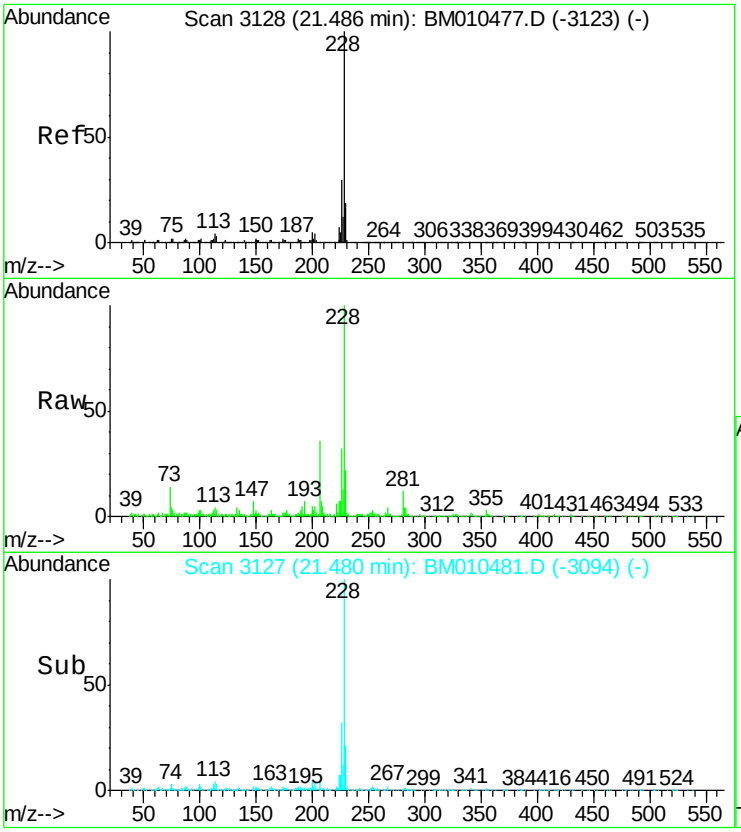


#80
Benzo(a)anthracene
Concen: 5.160 ng/ul
RT: 21.43 min Scan# 3119
Delta R.T. -0.00 min
Lab File: BM010481.D
Acq: 10 Jun 2017 12:34

Tgt Ion:228 Resp: 416536

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.4	23.0
226	29.3	21.4	32.0

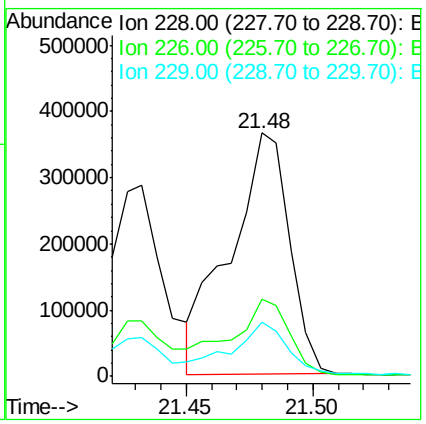




#82
Chrysene
Concen: 8.141 ng/ul
RT: 21.48 min Scan# 3127
Delta R.T. -0.01 min
Lab File: BM010481.D
Acq: 10 Jun 2017 12:34

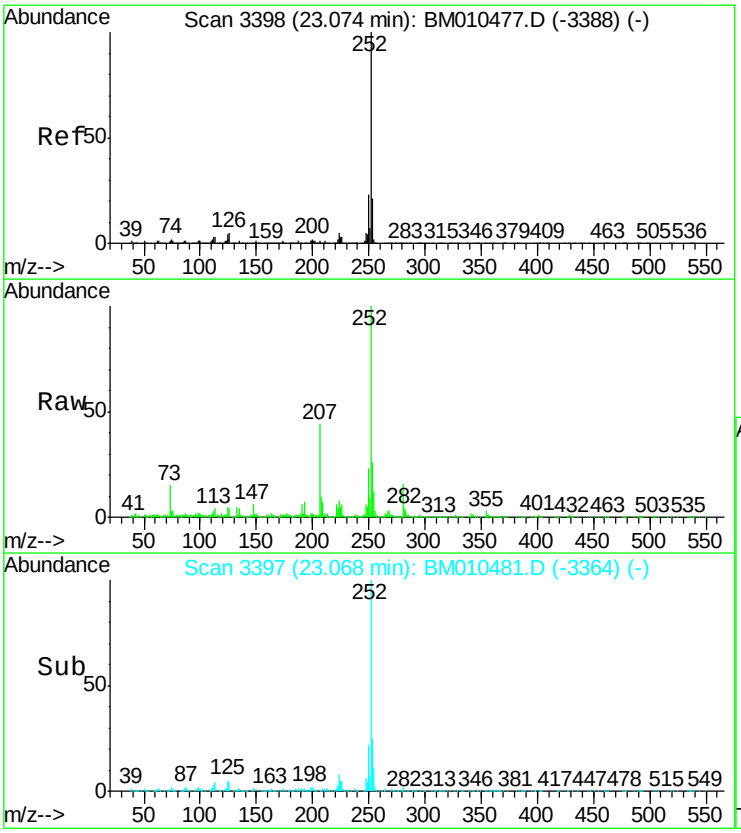
Tgt Ion:228 Resp: 594004

Ion	Ratio	Lower	Upper
228	100		
226	31.7	23.4	35.2
229	22.0	15.5	23.3



Instrument :
BNA_M
ClientSampleId :
F5C48

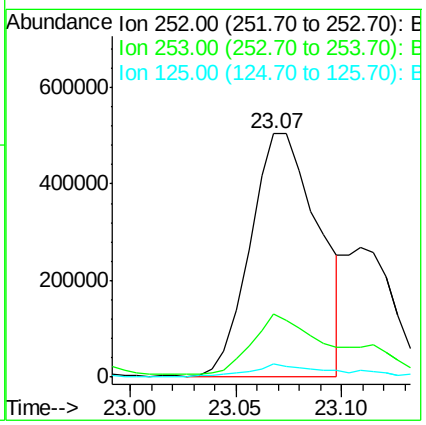
Manual Integrations APPROVED
mohammad
6/12/2017 3:40:32 PM

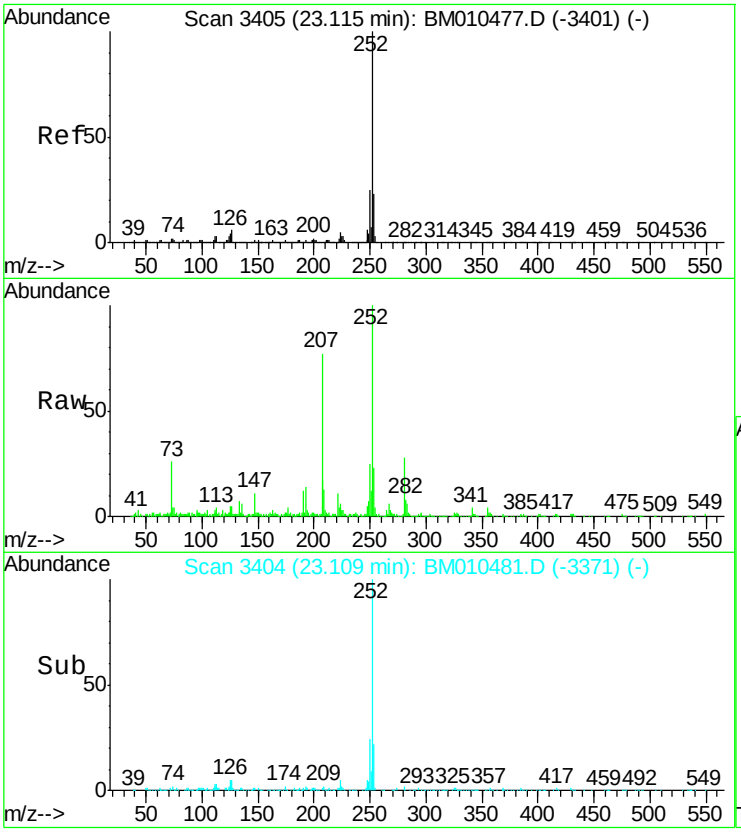


#85
Benzo(b)fluoranthene
Concen: 13.053 ng/ul
RT: 23.07 min Scan# 3397
Delta R.T. -0.01 min
Lab File: BM010481.D
Acq: 10 Jun 2017 12:34

Tgt Ion:252 Resp: 1129455

Ion	Ratio	Lower	Upper
252	100		
253	25.8	17.9	26.9
125	5.2	3.6	5.4

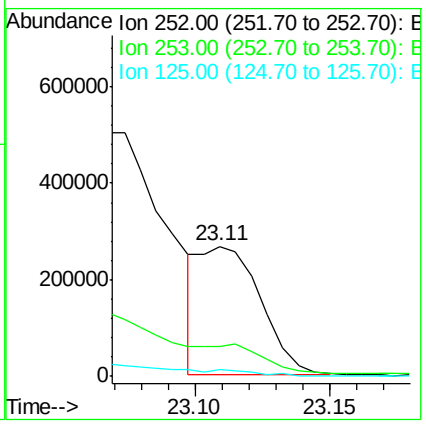




#86
Benzo(k)fluoranthene
Concen: 5.082 ng/ul m
RT: 23.11 min Scan# 3404
Delta R.T. -0.01 min
Lab File: BM010481.D
Acq: 10 Jun 2017 12:34

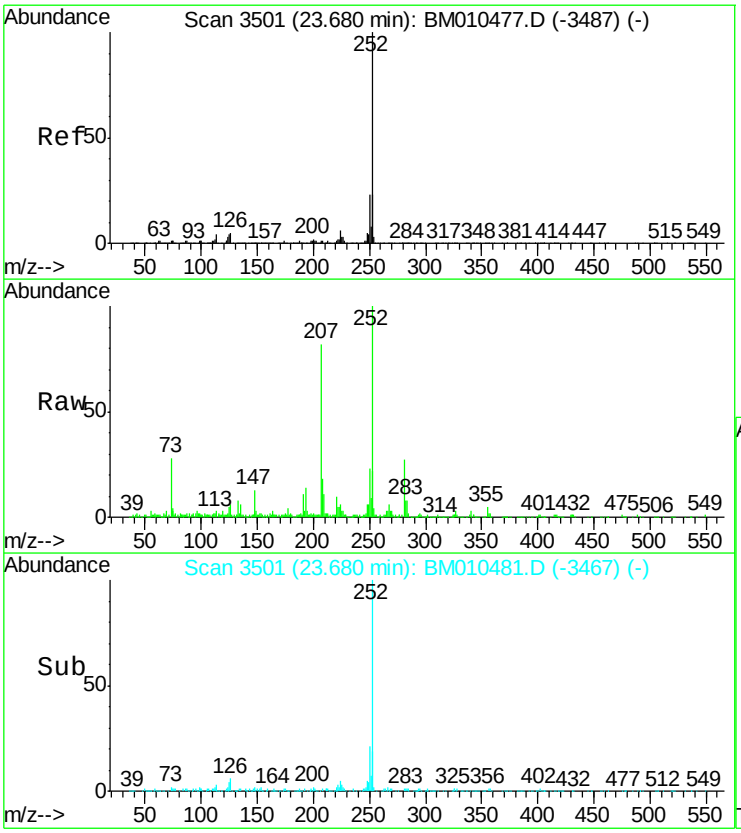
Tgt Ion:252 Resp: 420064

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	5.4	3.4	5.2#



Instrument :
BNA_M
ClientSampleId :
F5C48

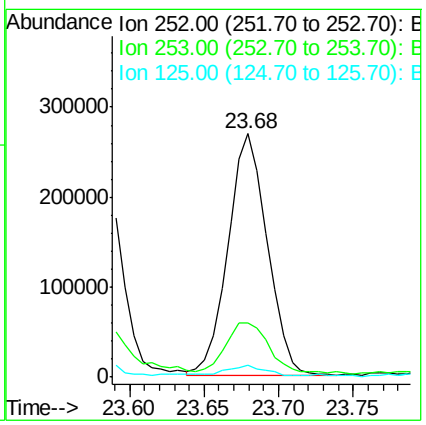
Manual Integrations APPROVED
mohammad
6/12/2017 3:40:32 PM

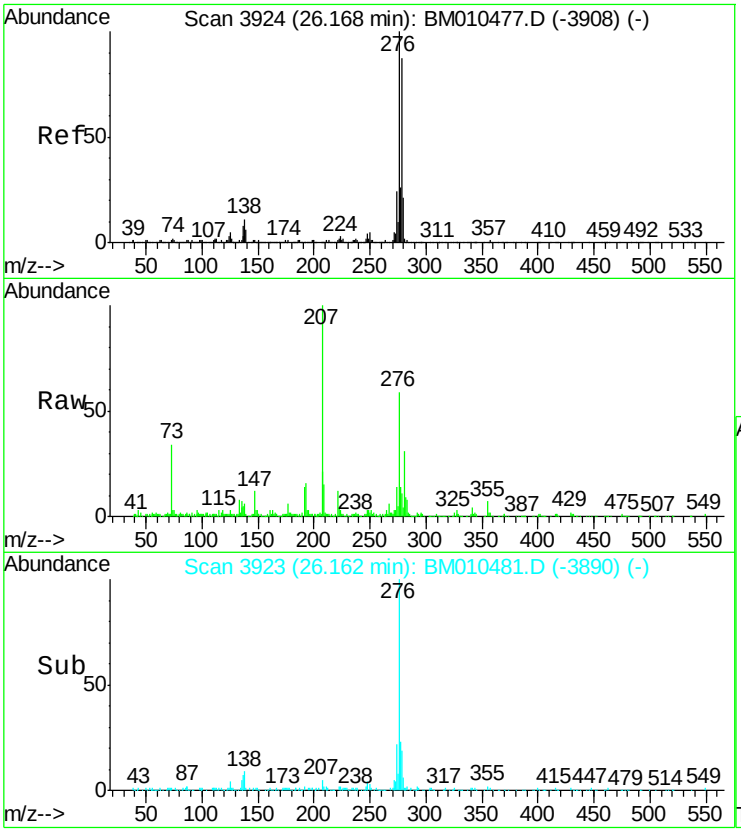


#88
Benzo(a)pyrene
Concen: 5.703 ng/ul
RT: 23.68 min Scan# 3501
Delta R.T. -0.00 min
Lab File: BM010481.D
Acq: 10 Jun 2017 12:34

Tgt Ion:252 Resp: 489125

Ion	Ratio	Lower	Upper
252	100		
253	22.4	18.2	27.2
125	5.0	4.0	6.0

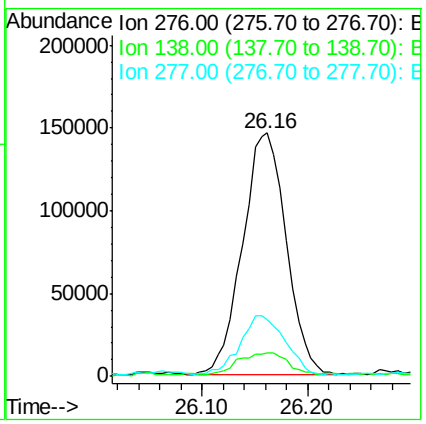




#89
Indeno(1,2,3-cd)pyrene
Concen: 3.898 ng/ul
RT: 26.16 min Scan# 3923
Delta R.T. -0.01 min
Lab File: BM010481.D
Acq: 10 Jun 2017 12:34

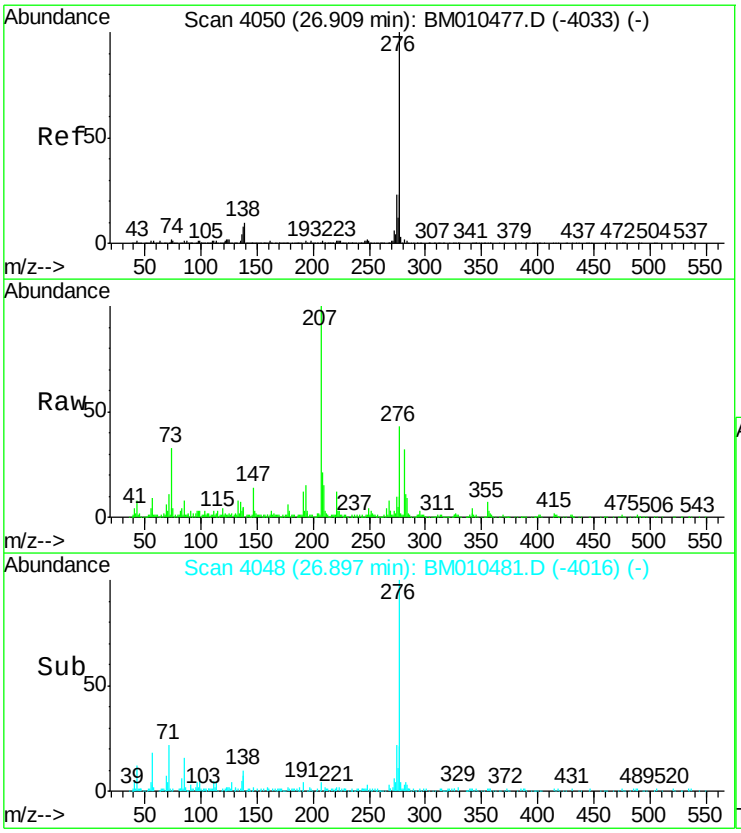
Tgt Ion:276 Resp: 422405

Ion	Ratio	Lower	Upper
276	100		
138	9.6	9.3	13.9
277	23.1	19.9	29.9



Instrument :
BNA_M
ClientSampleId :
F5C48

Manual Integrations APPROVED
mohammad
6/12/2017 3:40:32 PM



#91
Benzo(g,h,i)perylene
Concen: 3.698 ng/ul
RT: 26.90 min Scan# 4048
Delta R.T. -0.01 min
Lab File: BM010481.D
Acq: 10 Jun 2017 12:34

Tgt Ion:276 Resp: 330101

Ion	Ratio	Lower	Upper
276	100		
138	10.4	8.5	12.7
277	21.9	18.6	28.0