Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
Data File : BM004035.D
Acq On : 15 Jan 2016 05:29
Operator : SJ/UM
Sample : H1099-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BC9D8

Manual Integrations APPROVED
mohammad
1/15/2016 3:03:38 PM

Quant Time: Jan 15 14:13:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 00:28:21 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	41786	20.00	ng/ul	0.00
18) Naphthalene-d8	10.45	136	202438	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.32	164	118736	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.07	188	260744	20.00	ng/ul	0.00
78) Chrysene-d12	21.27	240	223236	20.00	ng/ul	0.00
86) Perylene-d12	23.51	264	193021	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.13	96	3041	3.26	ng/uL	0.00
5) Phenol-d5	6.85	99	75860	21.87	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.00	67	44773	22.83	ng/ul	0.00
9) 2-Chlorophenol-d4	7.20	132	64101	22.48	ng/ul	0.00
13) 4-Methylphenol-d8	8.37	113	33240	11.82	ng/ul	0.00
19) Nitrobenzene-d5	8.82	128	33322	21.85	ng/ul	0.00
22) 2-Nitrophenol-d4	9.54	143	36602	21.90	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.08	165	61622	20.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.59	131	47059	12.00	ng/ul	0.00
44) Dimethylphthalate-d6	13.73	166	218625	23.45	ng/ul	0.00
47) Acenaphthylene-d8	14.01	160	267447	23.55	ng/ul	0.00
52) 4-Nitrophenol-d4	14.54	143	31402	18.76	ng/ul	0.00
58) Fluorene-d10	15.32	176	191522	24.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.45	200	19289	13.12	ng/ul	0.00
71) Anthracene-d10	17.17	188	284711	23.61	ng/ul	0.00
79) Pyrene-d10	19.47	212	299222	25.88	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.37	264	235902	24.47	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.87	94	4050	1.11	ng/ul#	89
14) Acetophenone	8.49	105	8509	1.94	ng/ul	95
45) Dimethylphthalate	13.78	163	95768	10.08	ng/ul	100
70) Phenanthrene	17.11	178	82344	5.62	ng/ul	100
72) Anthracene	17.20	178	16996	1.13	ng/ul	98
77) Fluoranthene	19.14	202	161495	10.60	ng/ul	99
80) Pyrene	19.50	202	169704	11.20	ng/ul	98
83) Benzo(a)anthracene	21.26	228	70897	5.33	ng/ul	97
85) Chrysene	21.31	228	75540	5.98	ng/ul	98
88) Benzo(b)fluoranthene	22.84	252	75368	6.42	ng/ul	98
89) Benzo(k)fluoranthene	22.88	252	21487m	1.92	ng/ul	
91) Benzo(a)pyrene	23.41	252	55403	4.98	ng/ul	97
92) Indeno(1,2,3-cd)pyrene	25.76	276	32804	2.66	ng/ul	95
94) Benzo(g,h,i)perylene	26.45	276	26659	2.58	ng/ul	98

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

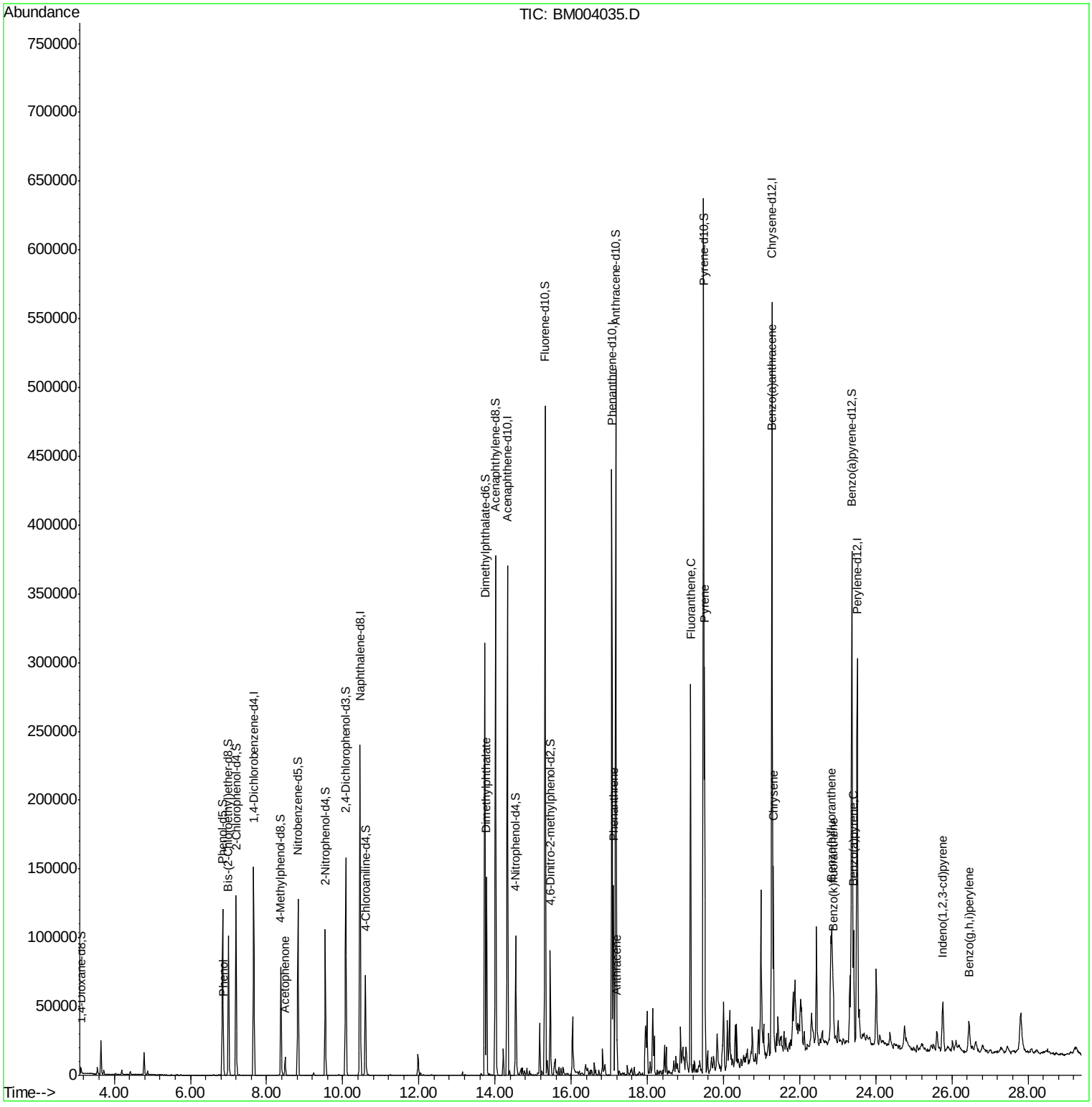
Quantitation Report (QT/LSC Reviewed)

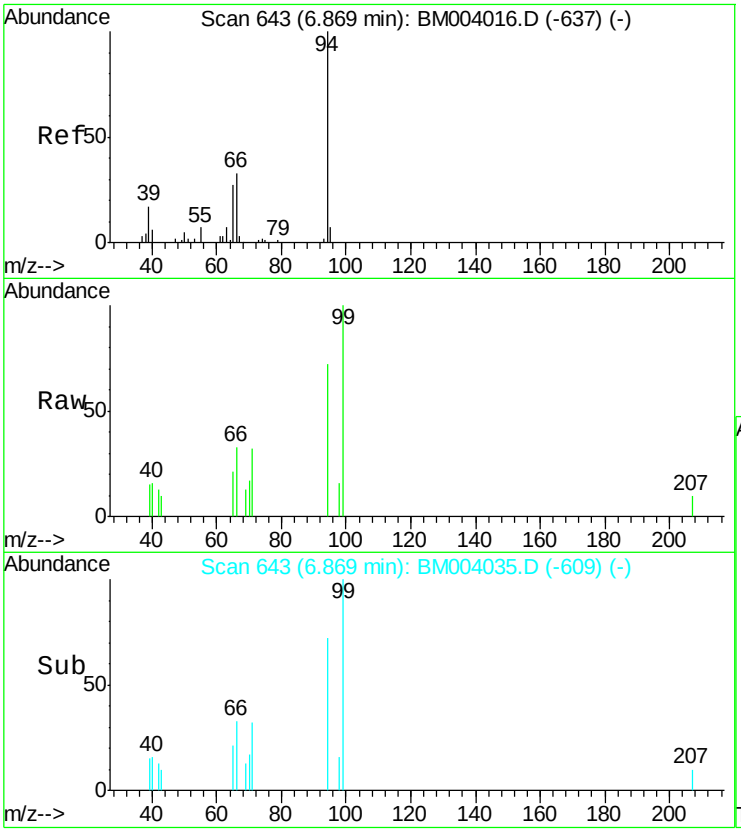
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM011516\
Data File : BM004035.D
Acq On : 15 Jan 2016 05:29
Operator : SJ/UM
Sample : H1099-12
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Jan 15 14:13:24 2016
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM010116.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jan 15 00:28:21 2016
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
BC9D8

Manual Integrations APPROVED
mohammad
1/15/2016 3:03:38 PM

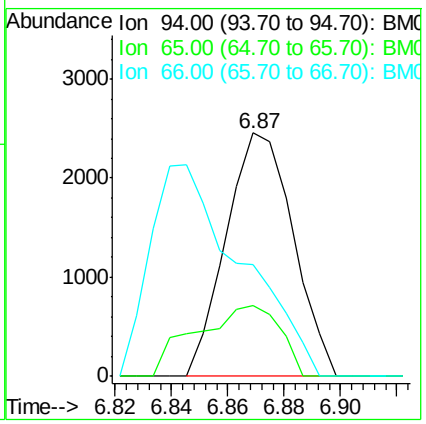




#6
Phenol
Concen: 1.11 ng/ul
RT: 6.87 min Scan# 643
Delta R.T. 0.00 min
Lab File: BM004035.D
Acq: 15 Jan 2016 05:29

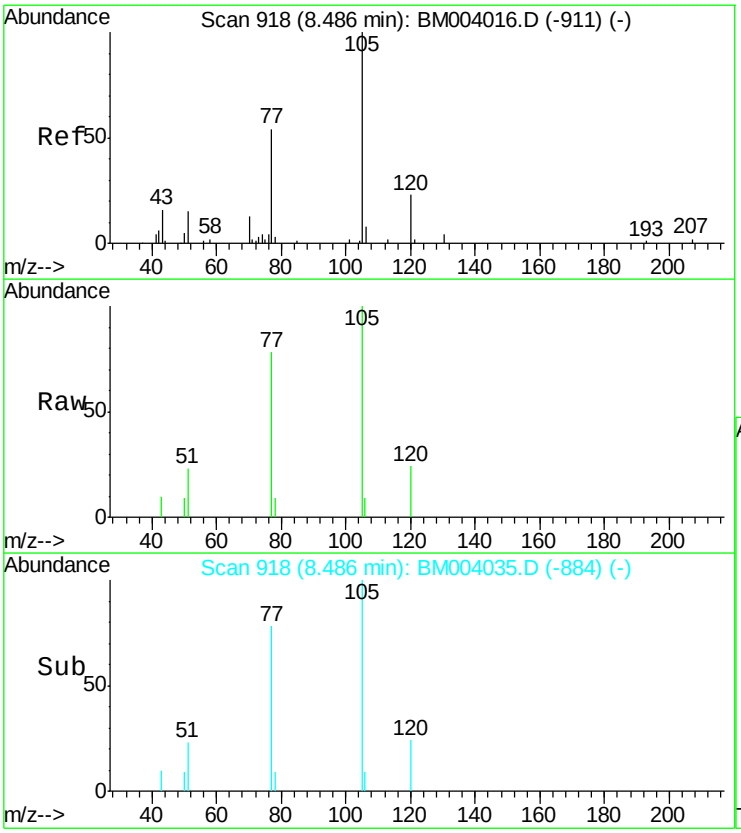
Tgt Ion: 94 Resp: 4050

Ion	Ratio	Lower	Upper
94	100		
65	28.9	21.0	31.6
66	45.7	29.3	43.9#



Instrument :
BNA_M
ClientSampleId :
BC9D8

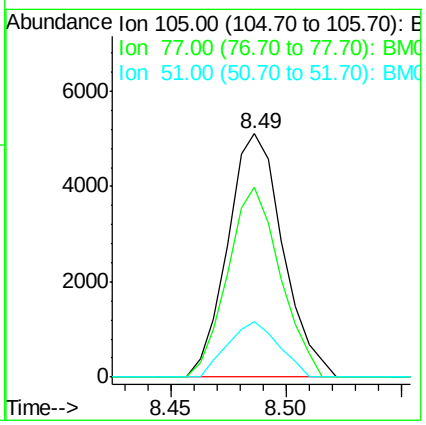
Manual Integrations APPROVED
mohammad
1/15/2016 3:03:38 PM

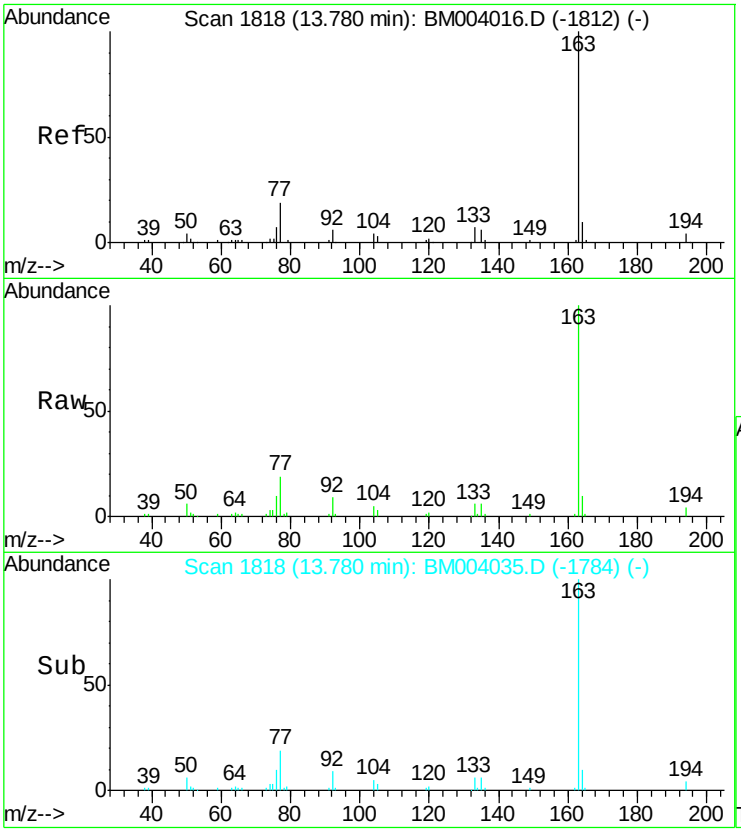


#14
Acetophenone
Concen: 1.94 ng/ul
RT: 8.49 min Scan# 918
Delta R.T. 0.00 min
Lab File: BM004035.D
Acq: 15 Jan 2016 05:29

Tgt Ion:105 Resp: 8509

Ion	Ratio	Lower	Upper
105	100		
77	78.1	59.0	88.4
51	22.7	16.4	24.6

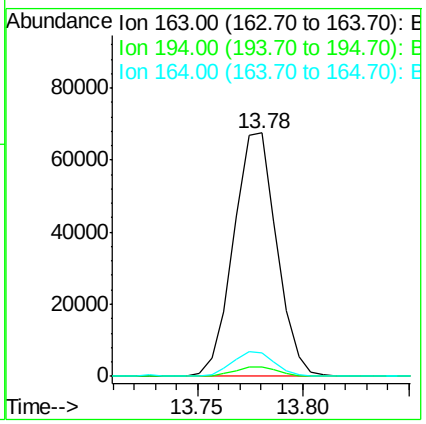




#45
Dimethylphthalate
Concen: 10.08 ng/ul
RT: 13.78 min Scan# 1818
Delta R.T. 0.00 min
Lab File: BM004035.D
Acq: 15 Jan 2016 05:29

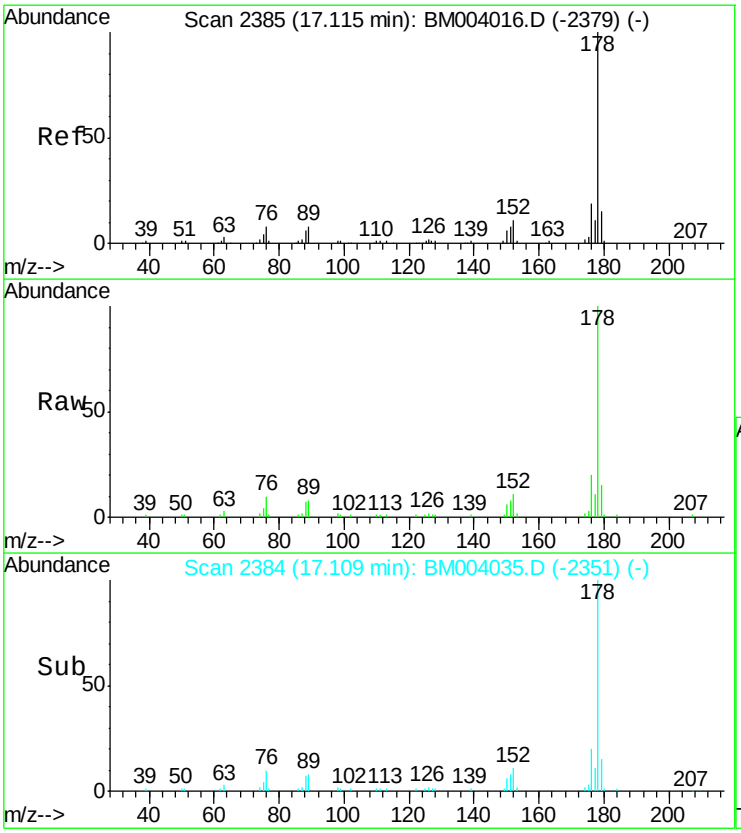
Tgt Ion:163 Resp: 95768

Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	9.8	7.8	11.8



Instrument :
BNA_M
ClientSampleId :
BC9D8

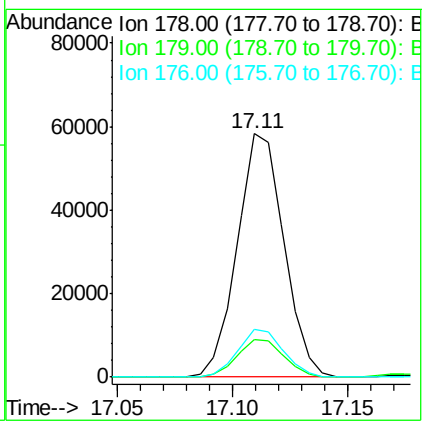
Manual Integrations APPROVED
mohammad
1/15/2016 3:03:38 PM

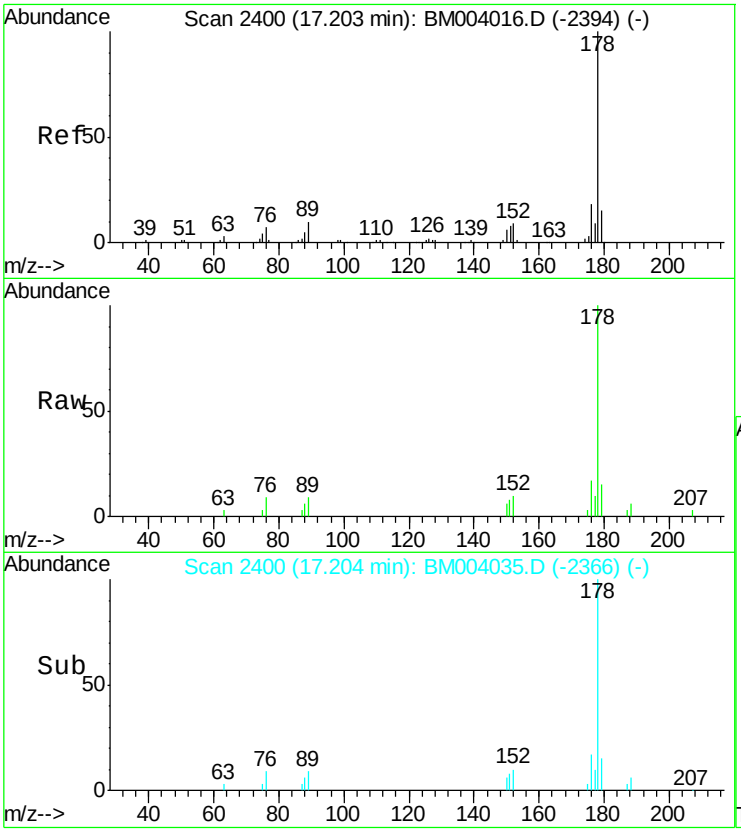


#70
Phenanthrene
Concen: 5.62 ng/ul
RT: 17.11 min Scan# 2384
Delta R.T. -0.01 min
Lab File: BM004035.D
Acq: 15 Jan 2016 05:29

Tgt Ion:178 Resp: 82344

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.4
176	19.6	15.6	23.4

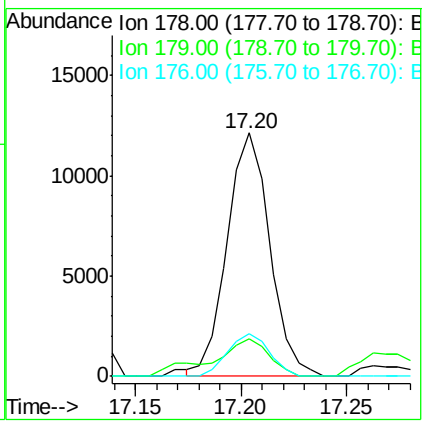




#72
Anthracene
Concen: 1.13 ng/ul
RT: 17.20 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM004035.D
Acq: 15 Jan 2016 05:29

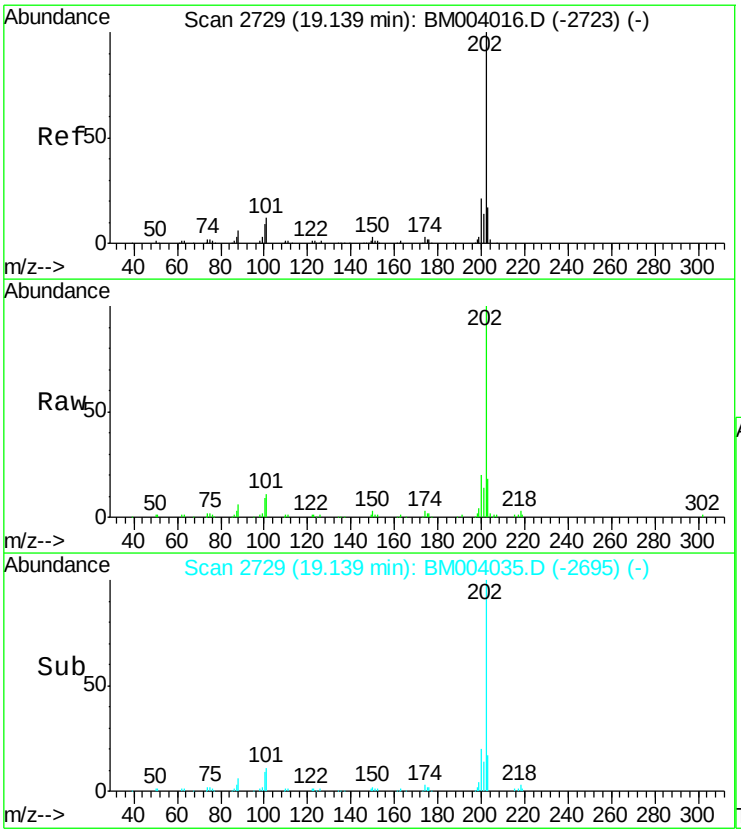
Tgt Ion:178 Resp: 16996

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.1	18.1
176	17.5	14.8	22.2



Instrument :
BNA_M
ClientSampleId :
BC9D8

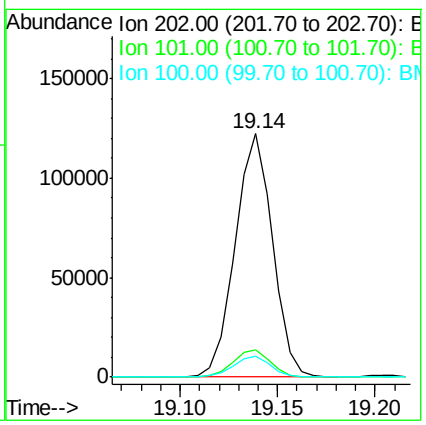
Manual Integrations APPROVED
mohammad
1/15/2016 3:03:38 PM

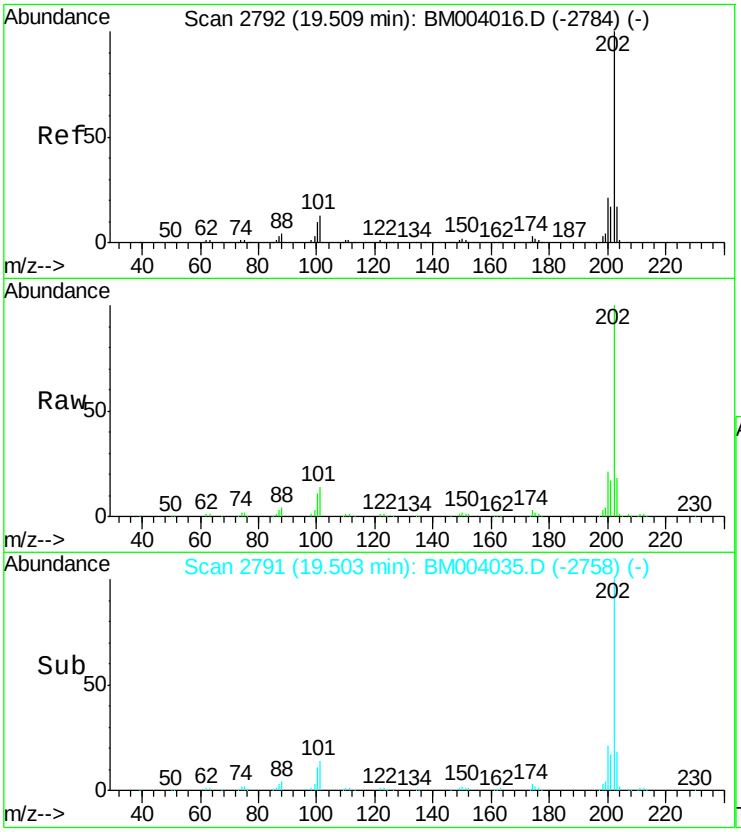


#77
Fluoranthene
Concen: 10.60 ng/ul
RT: 19.14 min Scan# 2729
Delta R.T. 0.00 min
Lab File: BM004035.D
Acq: 15 Jan 2016 05:29

Tgt Ion:202 Resp: 161495

Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.8	13.2
100	8.7	6.6	9.8

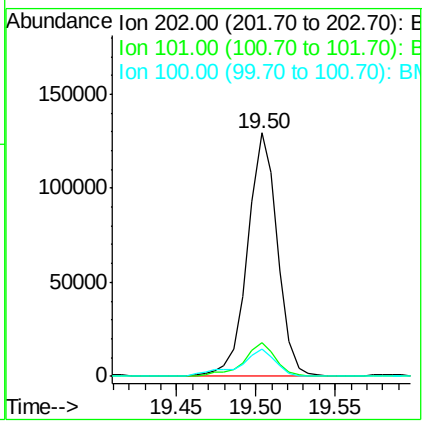




#80
Pyrene
Concen: 11.20 ng/ul
RT: 19.50 min Scan# 2791
Delta R.T. -0.01 min
Lab File: BM004035.D
Acq: 15 Jan 2016 05:29

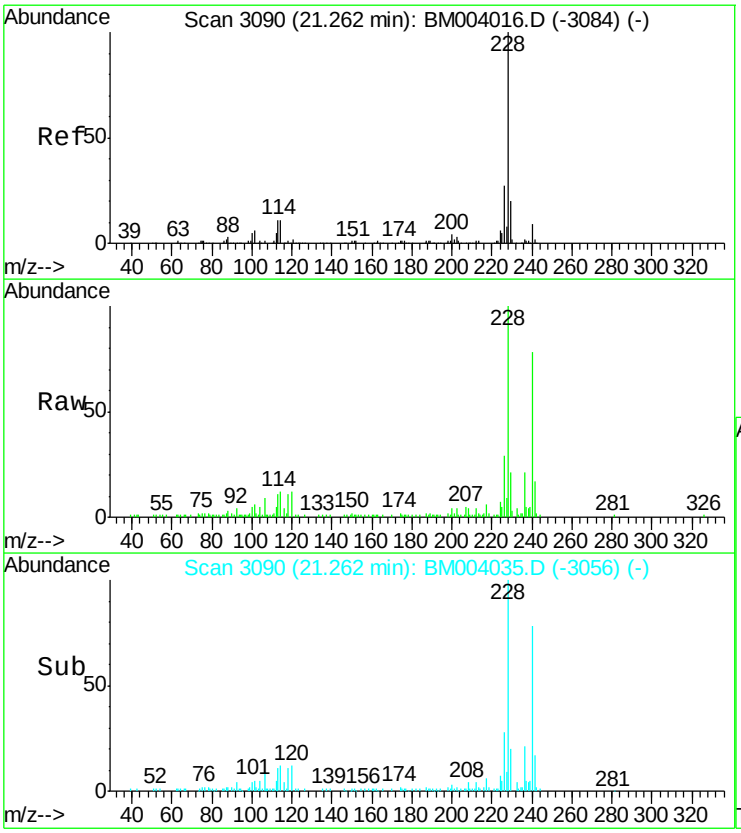
Tgt Ion:202 Resp: 169704

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.2	15.2
100	11.1	8.5	12.7



Instrument :
BNA_M
ClientSampleId :
BC9D8

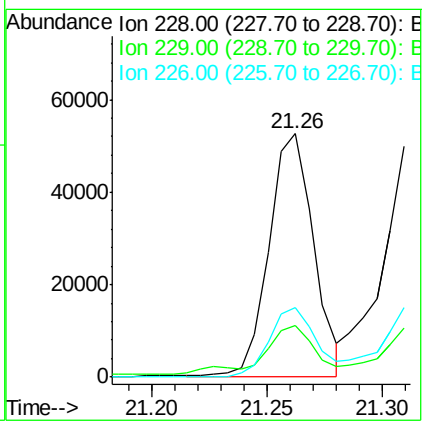
Manual Integrations APPROVED
mohammad
1/15/2016 3:03:38 PM

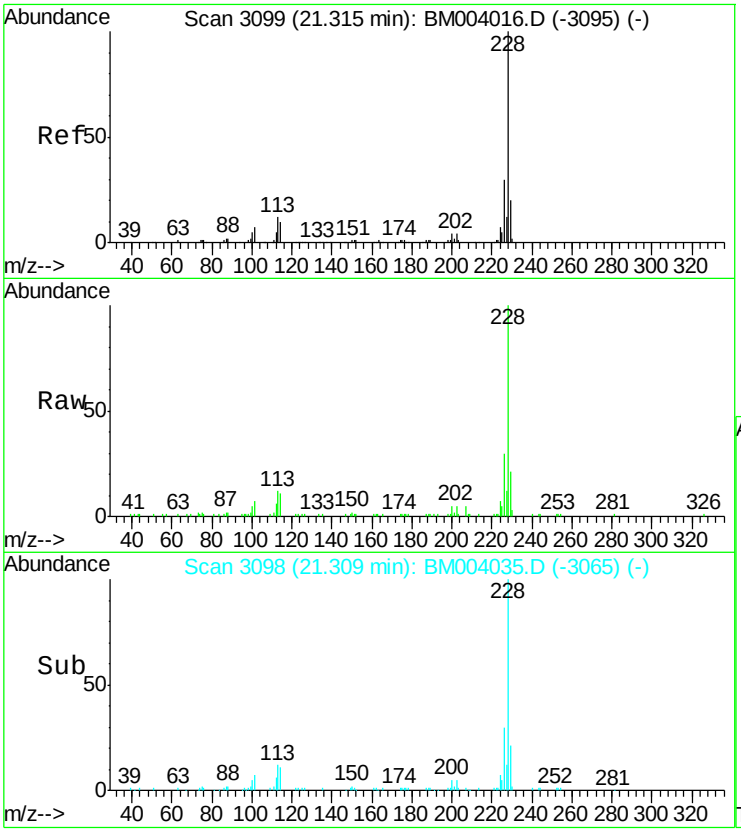


#83
Benzo(a)anthracene
Concen: 5.33 ng/ul
RT: 21.26 min Scan# 3090
Delta R.T. 0.00 min
Lab File: BM004035.D
Acq: 15 Jan 2016 05:29

Tgt Ion:228 Resp: 70897

Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	28.5	21.8	32.6

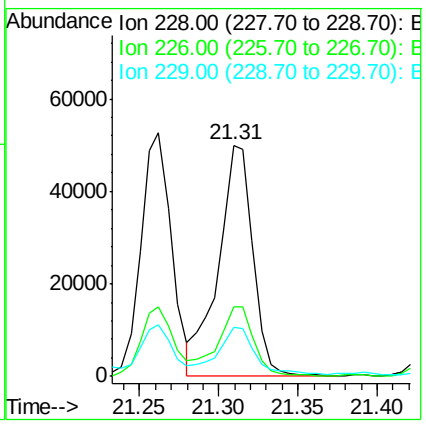




#85
Chrysene
Concen: 5.98 ng/ul
RT: 21.31 min Scan# 3098
Delta R.T. -0.01 min
Lab File: BM004035.D
Acq: 15 Jan 2016 05:29

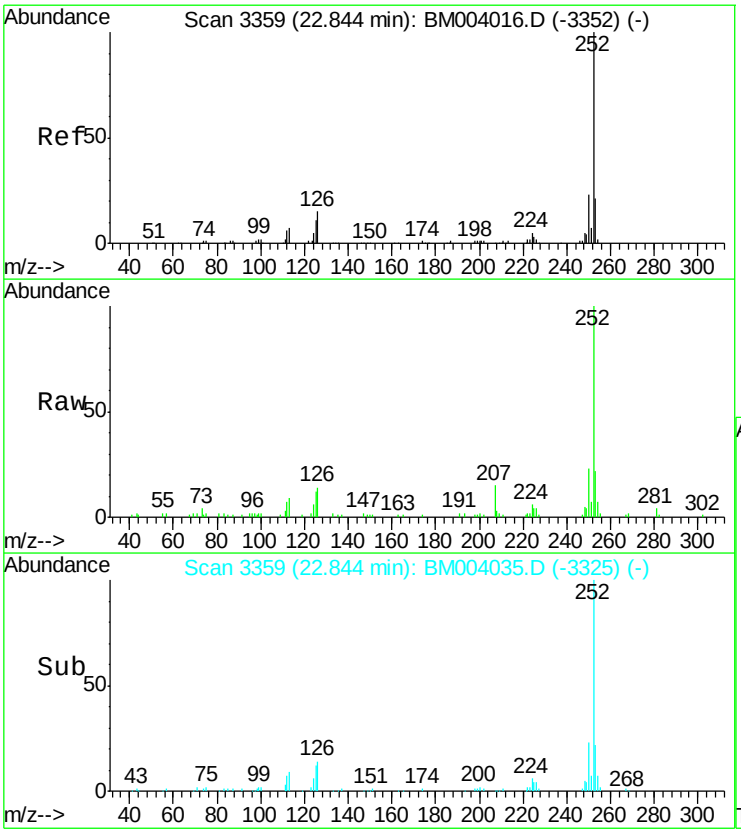
Tgt Ion:228 Resp: 75540

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.0	36.0
229	21.2	15.6	23.4



Instrument :
BNA_M
ClientSampleId :
BC9D8

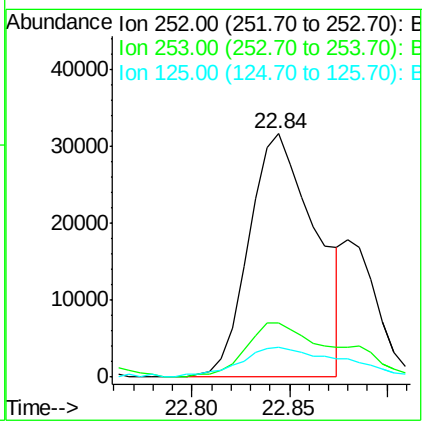
Manual Integrations APPROVED
mohammad
1/15/2016 3:03:38 PM

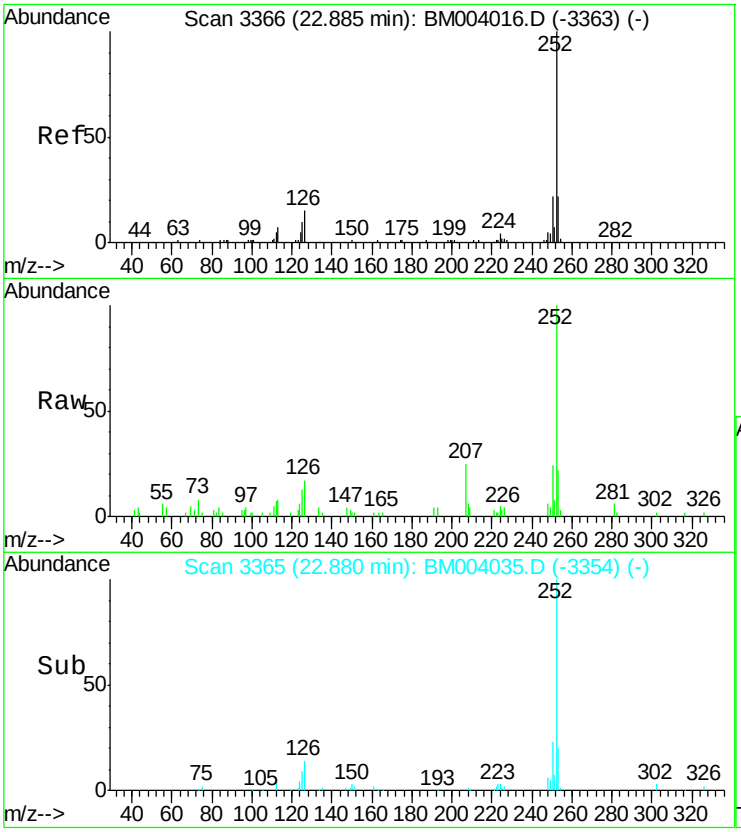


#88
Benzo(b)fluoranthene
Concen: 6.42 ng/ul
RT: 22.84 min Scan# 3359
Delta R.T. 0.00 min
Lab File: BM004035.D
Acq: 15 Jan 2016 05:29

Tgt Ion:252 Resp: 75368

Ion	Ratio	Lower	Upper
252	100		
253	22.3	17.5	26.3
125	12.1	8.5	12.7

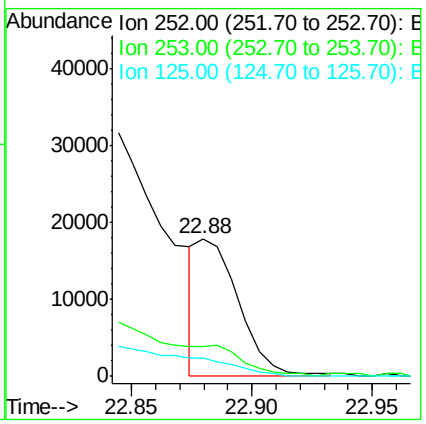




#89
Benzo(k)fluoranthene
Concen: 1.92 ng/ul m
RT: 22.88 min Scan# 3365
Delta R.T. -0.01 min
Lab File: BM004035.D
Acq: 15 Jan 2016 05:29

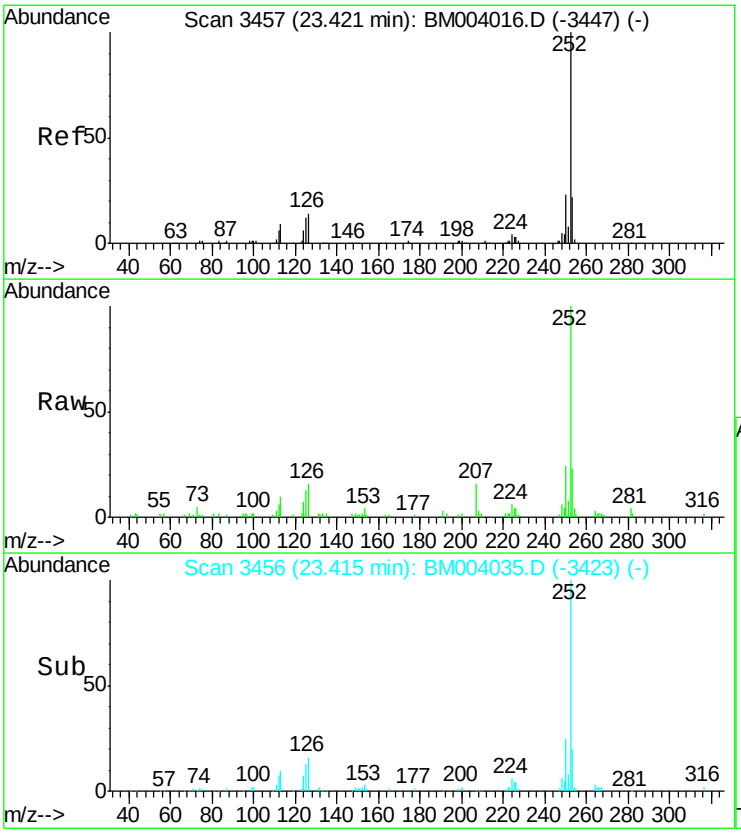
Tgt Ion:252 Resp: 21487

Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.3	25.9
125	13.1	8.2	12.2#



Instrument :
BNA_M
ClientSampleId :
BC9D8

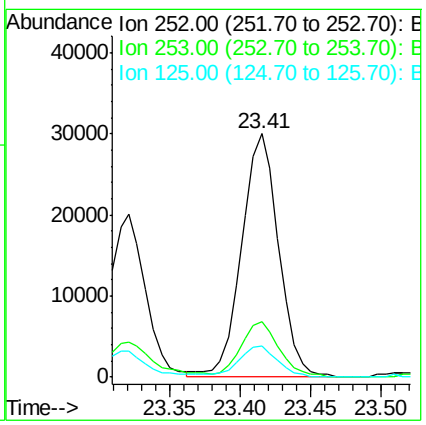
Manual Integrations APPROVED
mohammad
1/15/2016 3:03:38 PM

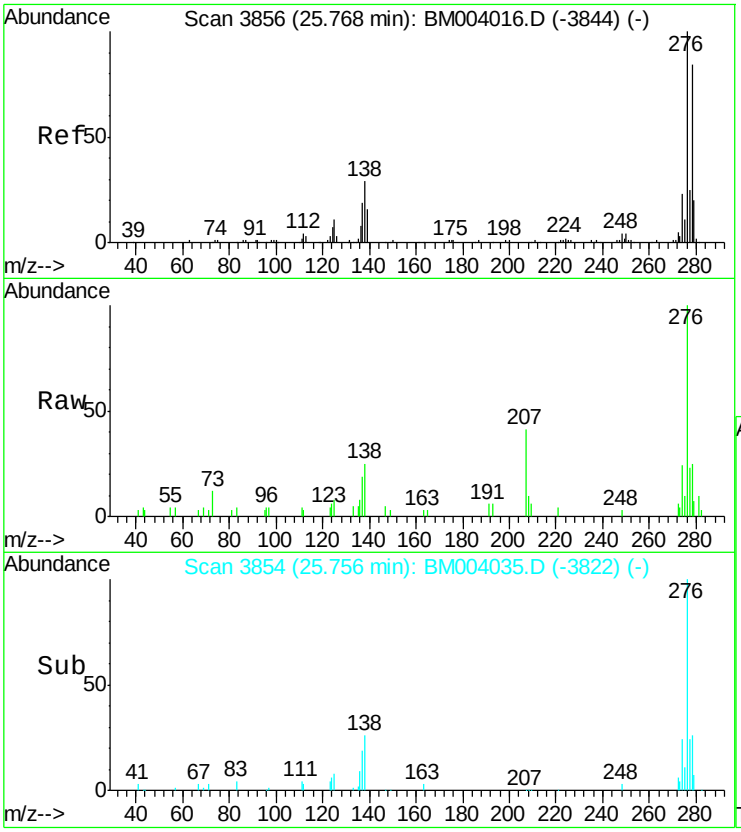


#91
Benzo(a)pyrene
Concen: 4.98 ng/ul
RT: 23.41 min Scan# 3456
Delta R.T. -0.01 min
Lab File: BM004035.D
Acq: 15 Jan 2016 05:29

Tgt Ion:252 Resp: 55403

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.2	25.8
125	12.7	9.0	13.6

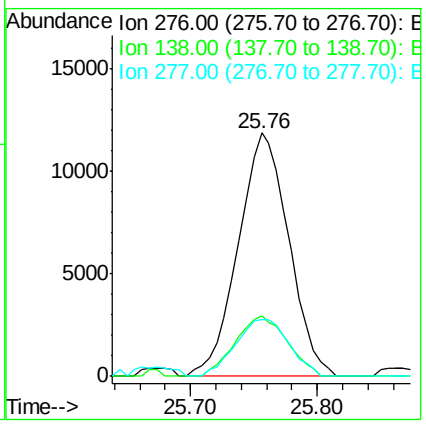




#92
Indeno(1,2,3-cd)pyrene
Concen: 2.66 ng/ul
RT: 25.76 min Scan# 3854
Delta R.T. -0.01 min
Lab File: BM004035.D
Acq: 15 Jan 2016 05:29

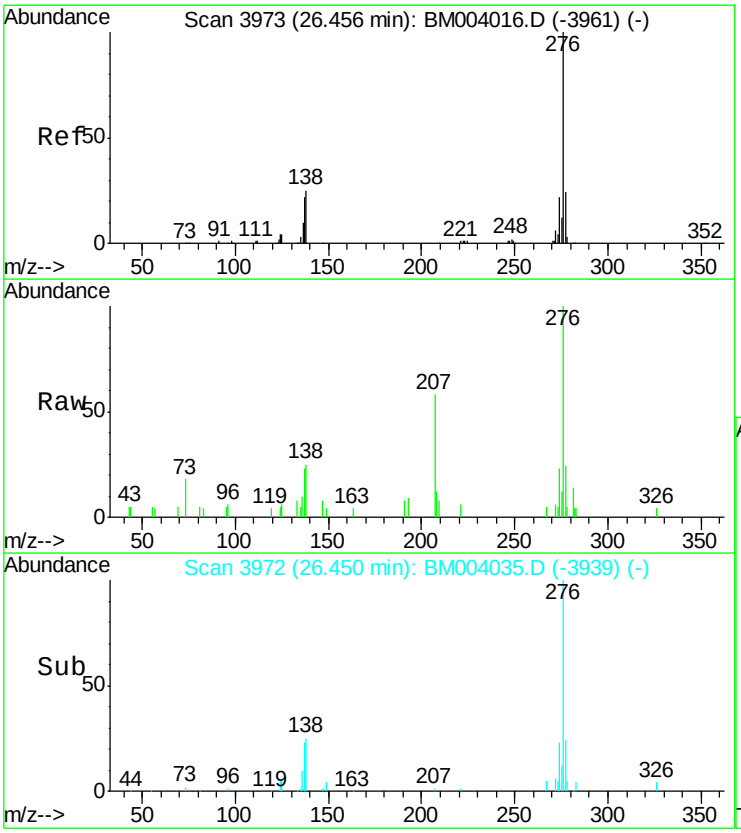
Tgt Ion:276 Resp: 32804

Ion	Ratio	Lower	Upper
276	100		
138	24.7	22.3	33.5
277	23.5	20.2	30.2



Instrument :
BNA_M
ClientSampleId :
BC9D8

Manual Integrations APPROVED
mohammad
1/15/2016 3:03:38 PM



#94
Benzo(g,h,i)perylene
Concen: 2.58 ng/ul
RT: 26.45 min Scan# 3972
Delta R.T. -0.01 min
Lab File: BM004035.D
Acq: 15 Jan 2016 05:29

Tgt Ion:276 Resp: 26659

Ion	Ratio	Lower	Upper
276	100		
138	25.3	18.9	28.3
277	24.5	19.2	28.8