Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061219\
Data File : BM020918.D
Acq On : 12 Jun 2019 23:57
Operator : HP/JU
Sample : K3215-12
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DB8J7

Manual Integrations APPROVED
mohammad
6/13/2019 9:46:25 AM

Quant Time: Jun 13 08:19:33 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM060619MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Jun 13 01:55:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	297393	20.00	ng/ul	0.00
18) Naphthalene-d8	10.60	136	1179149	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.45	164	683257	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.19	188	1420849	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1273048	20.00	ng/ul	-0.01
85) Perylene-d12	23.64	264	1463615	20.00	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.31	96	9422	1.51	ng/uL	0.00
5) Phenol-d5	7.00	99	189830	8.34	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.14	67	421471	30.89	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	525100	28.97	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	338883	18.51	ng/ul	0.02
19) Nitrobenzene-d5	8.97	128	292432	36.34	ng/ul	0.00
22) 2-Nitrophenol-d4	9.68	143	344024	41.52	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.23	165	638525	36.95	ng/ul	0.00
29) 4-Chloroaniline-d4	10.76	131	1632m	0.08	ng/ul	0.02
43) Dimethylphthalate-d6	13.86	166	1939996	38.38	ng/ul	0.00
46) Acenaphthylene-d8	14.14	160	2333656	36.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.67	143	108444m	12.50	ng/ul	0.03
57) Fluorene-d10	15.44	176	1613854	37.57	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.56	200	164560	22.65	ng/ul	0.00
70) Anthracene-d10	17.29	188	2329229	37.53	ng/ul	0.00
78) Pyrene-d10	19.58	212	2417523	39.29	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.50	264	2731203	41.06	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	7.03	94	52159	2.227	ng/ul#	58
21) Isophorone	9.54	82	149831	4.002	ng/ul#	83
28) Naphthalene	10.65	128	469858	8.484	ng/ul	98
34) 2-Methylnaphthalene	12.26	142	180474	4.437	ng/ul	100

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

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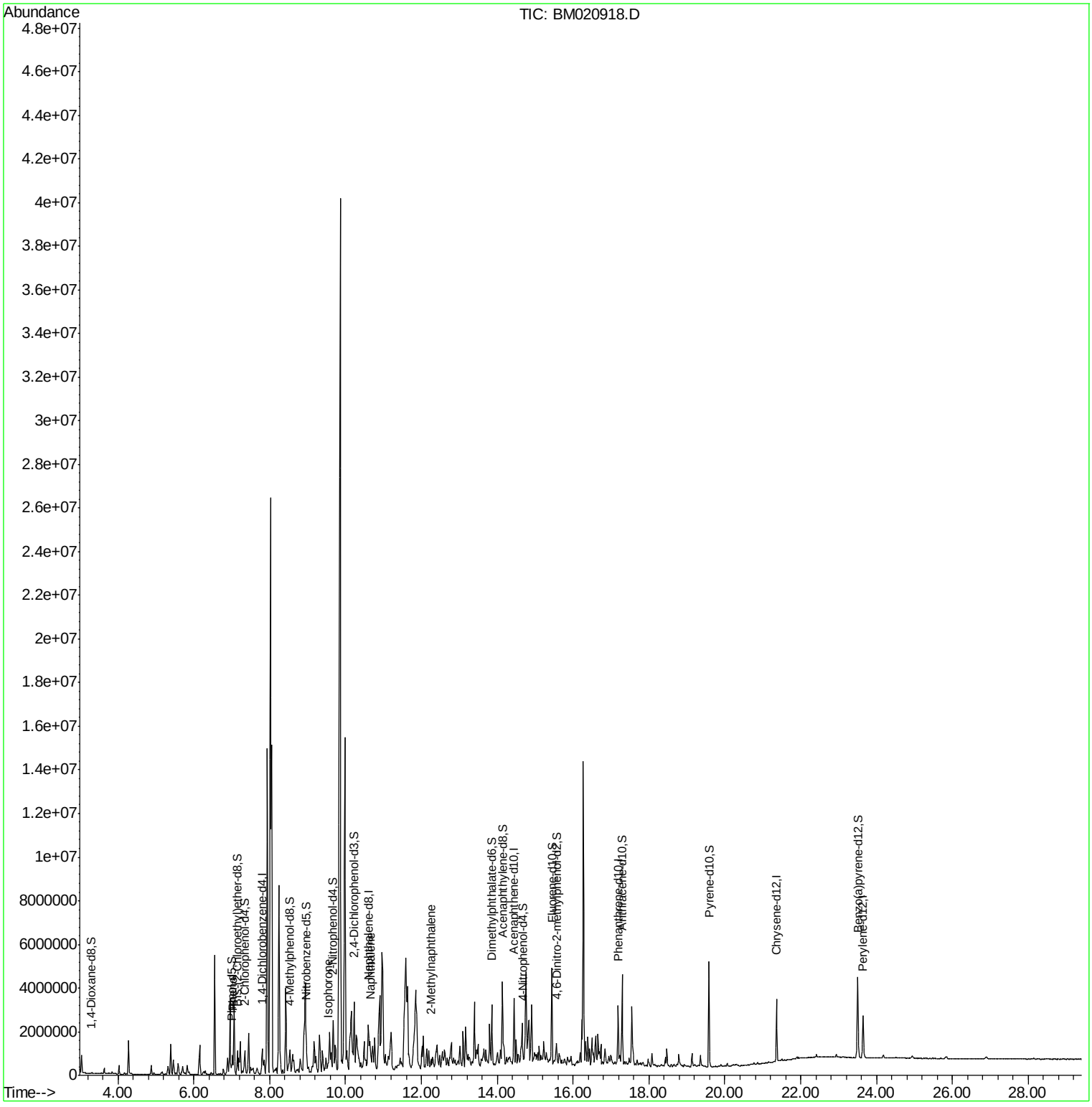

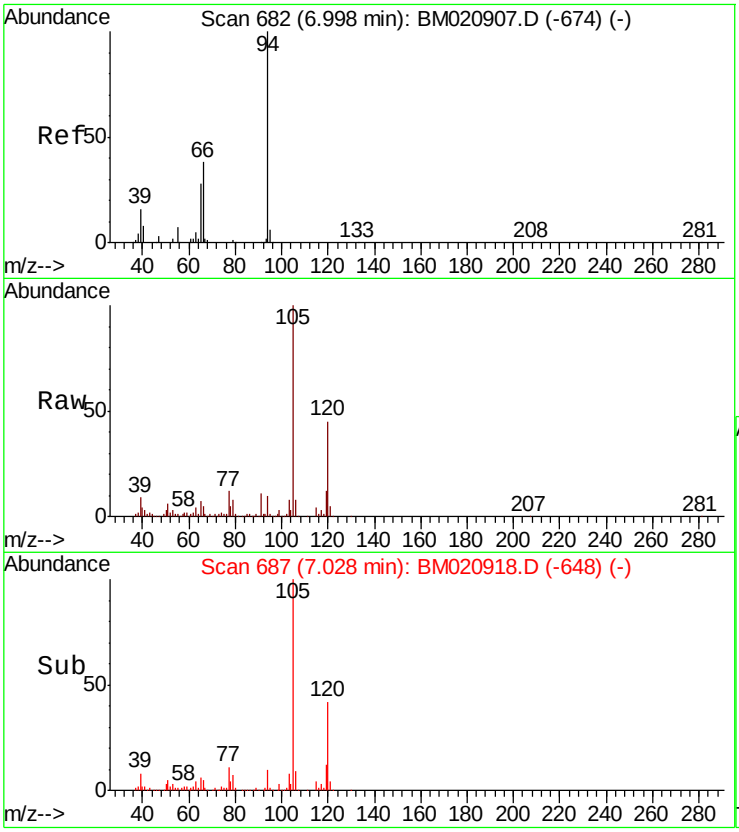

#6
Phenol
Concen: 2.227 ng/ul
RT: 7.03 min Scan# 687
Delta R.T. 0.03 min
Lab File: BM020918.D
Acq: 12 Jun 2019 23:57

Tgt Ion: 94 Resp: 52159

Ion	Ratio	Lower	Upper
94	100		
65	71.0	23.3	34.9#
66	50.3	32.1	48.1#

Instrument :
BNA_M
ClientSampleId :
DB8J7

Manual Integrations APPROVED
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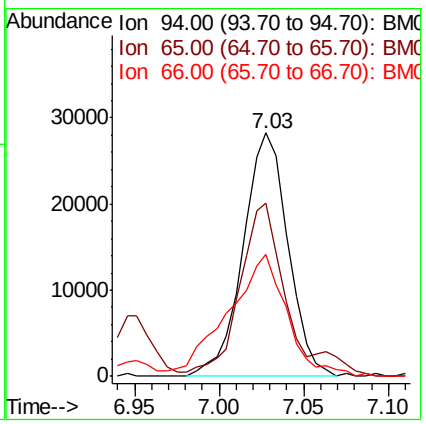
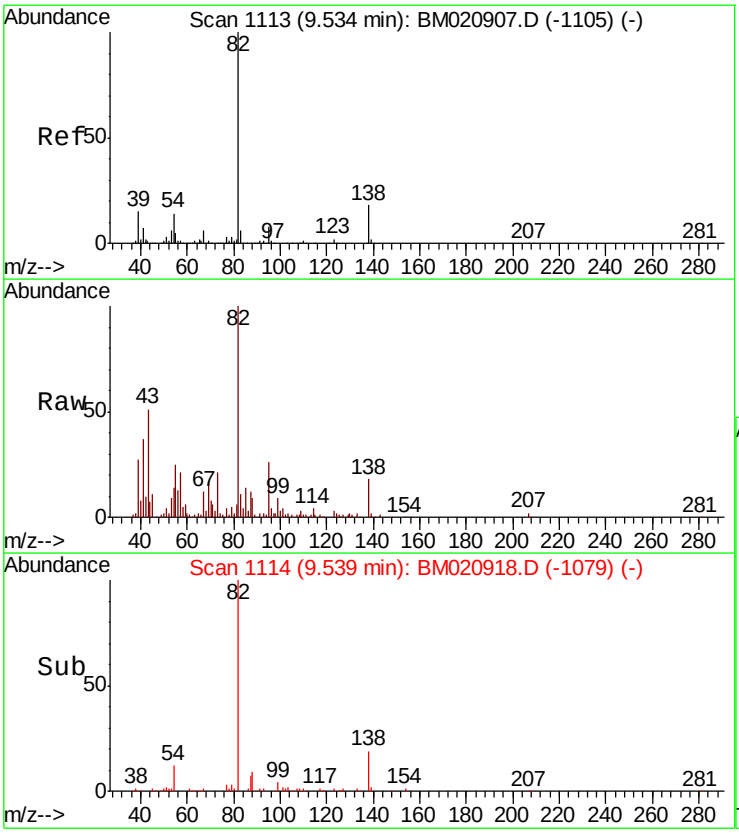
6/13/2019 9:46:25 AM

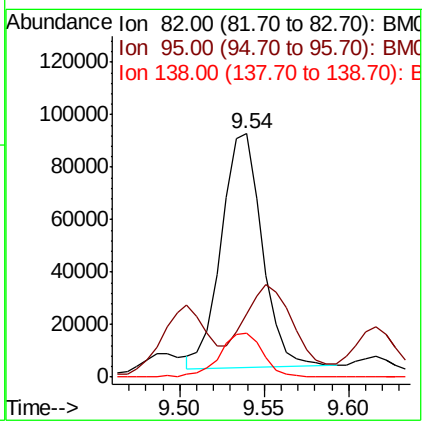


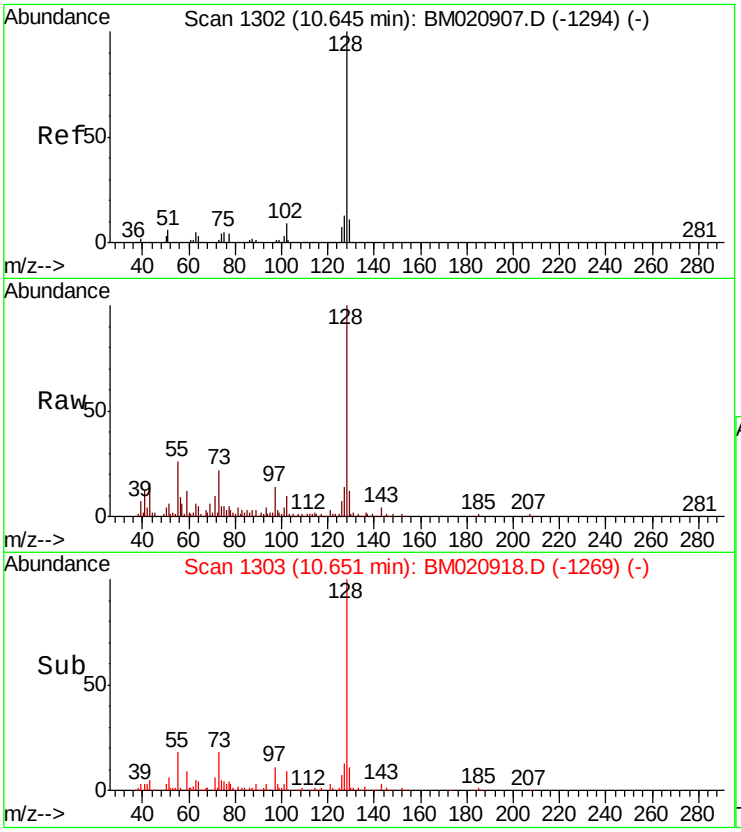


#21
Isophorone
Concen: 4.002 ng/ul
RT: 9.54 min Scan# 1114
Delta R.T. 0.01 min
Lab File: BM020918.D
Acq: 12 Jun 2019 23:57

Tgt Ion: 82 Resp: 149831

Ion	Ratio	Lower	Upper
82	100		
95	25.9	5.9	8.9#
138	17.8	13.8	20.8





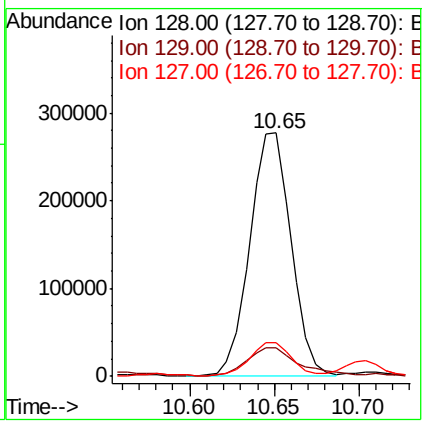
#28
Naphthalene
Concen: 8.484 ng/ul
RT: 10.65 min Scan# 1303
Delta R.T. 0.00 min
Lab File: BM020918.D
Acq: 12 Jun 2019 23:57

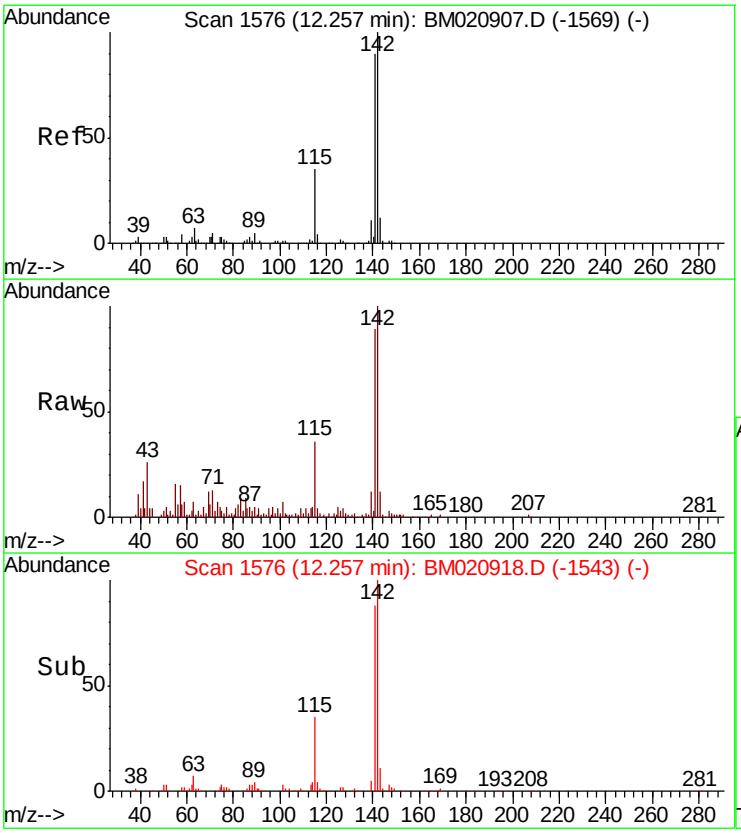
Tgt Ion:128 Resp: 469858

Ion	Ratio	Lower	Upper
128	100		
129	11.6	8.6	13.0
127	13.6	10.2	15.2

Instrument :
BNA_M
ClientSampleId :
DB8J7

Manual Integrations APPROVED
mohammad
6/13/2019 9:46:25 AM





#34
2-Methylnaphthalene
Concen: 4.437 ng/ul
RT: 12.26 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BM020918.D
Acq: 12 Jun 2019 23:57

Tgt Ion:142 Resp: 180474

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.0