Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM032319\
Data File : BM019383.D
Acq On : 24 Mar 2019 09:47
Operator : JU/SJ
Sample : K2031-19
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF5S9

Manual Integrations APPROVED
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3/26/2019 6:26:02 PM

Quant Time: Mar 25 02:38:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 02:03:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	147191	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	634461	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.26	164	366721	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	834320	20.00	ng/ul	-0.01
78) Chrysene-d12	21.23	240	930710	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	1010072	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	23089	6.14	ng/uL	0.00
5) Phenol-d5	6.79	99	217835	16.62	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	150013	17.10	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.14	132	181584	18.28	ng/ul	-0.01
13) 4-Methylphenol-d8	8.32	113	182632	18.56	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	81166	17.93	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	89659	17.80	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	167439	17.62	ng/ul	0.00
29) 4-Chloroaniline-d4	10.56	131	186506	16.34	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	588165	19.88	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	622304	16.82	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.52	143	53132m	11.45	ng/ul	0.00
58) Fluorene-d10	15.26	176	474413	18.61	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.41	200	55462	10.05	ng/ul	0.00
71) Anthracene-d10	17.12	188	754709	18.85	ng/ul	-0.01
79) Pyrene-d10	19.43	212	804882	18.72	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	908566	16.97	ng/ul	-0.02
Target Compounds						Qvalue
4) Benzaldehyde	6.78	77	55442	5.905	ng/ul	97
6) Phenol	6.82	94	16162	1.182	ng/ul#	75
14) Acetophenone	8.45	105	36890	2.302	ng/ul	97
45) Dimethylphthalate	13.73	163	115901	3.904	ng/ul#	97
84) Bis(2-ethylhexyl)phthalate	21.13	149	370540	11.531	ng/ul	96

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

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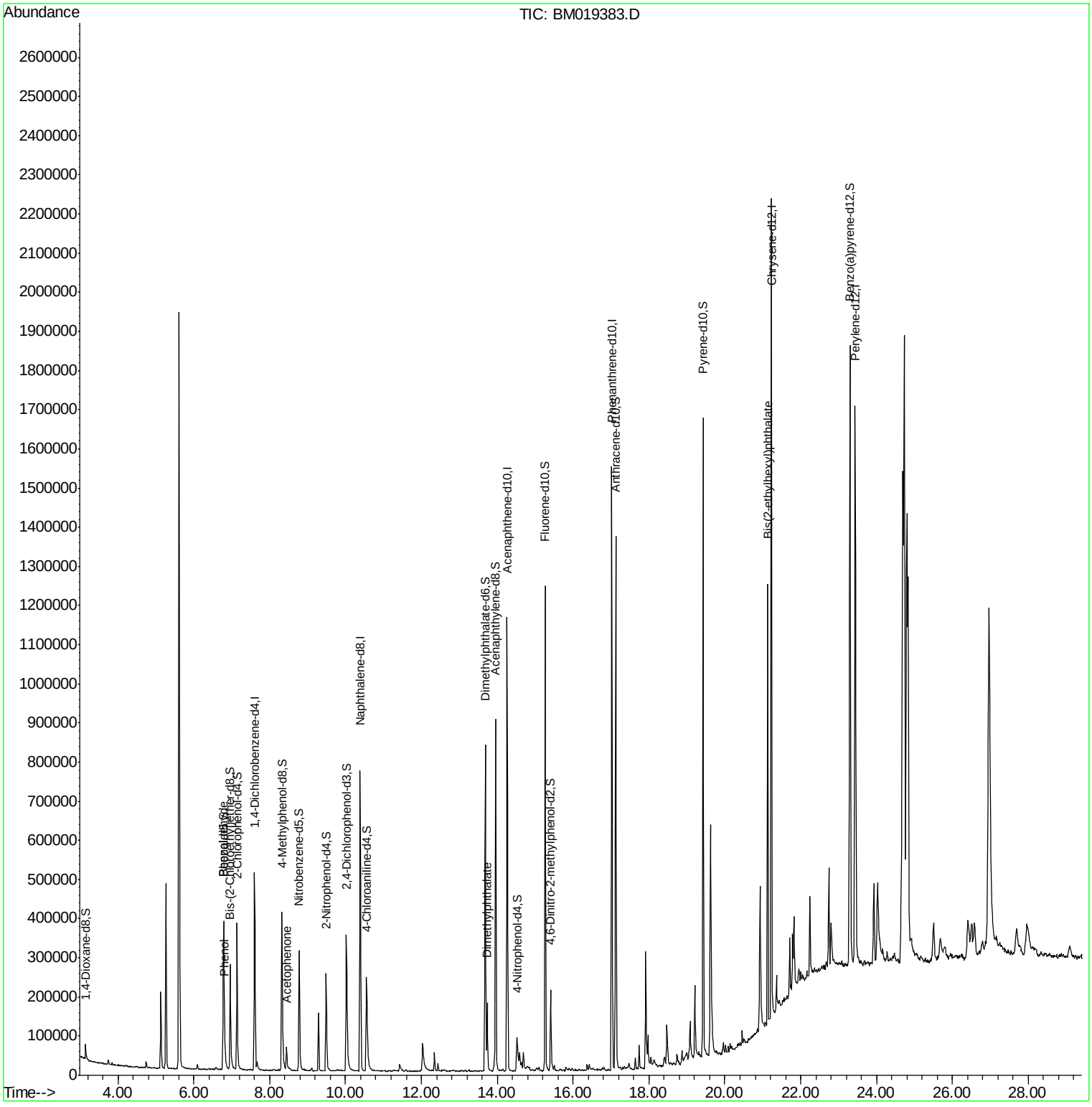

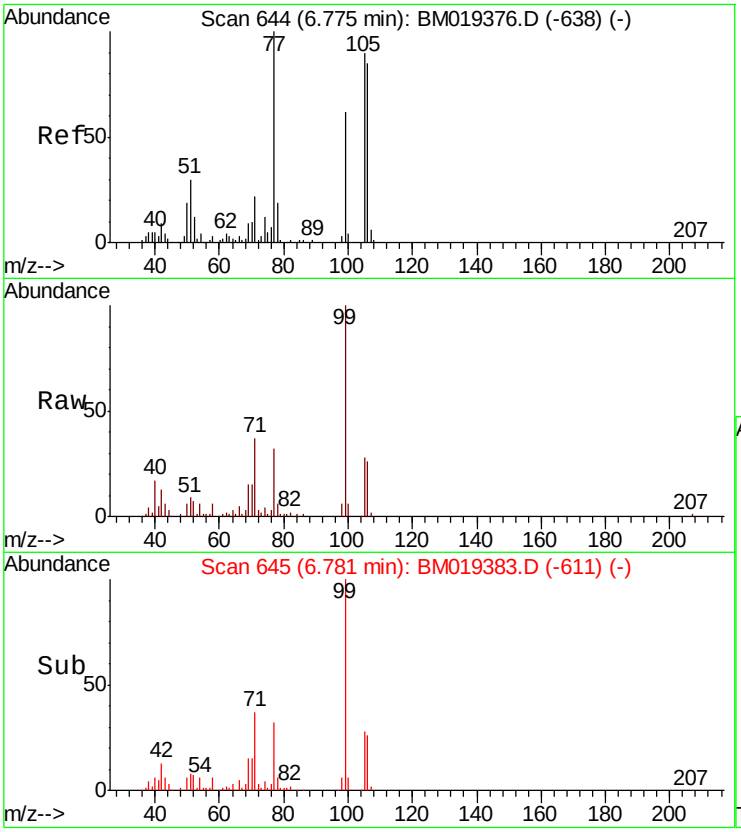

#4
Benzaldehyde
Concen: 5.905 ng/ul
RT: 6.78 min Scan# 645
Delta R.T. 0.00 min
Lab File: BM019383.D
Acq: 24 Mar 2019 09:47

Tgt Ion: 77 Resp: 55442

Ion	Ratio	Lower	Upper
77	100		
105	86.7	71.0	106.6
106	83.3	69.5	104.3

Instrument :
BNA_M
ClientSampleId :
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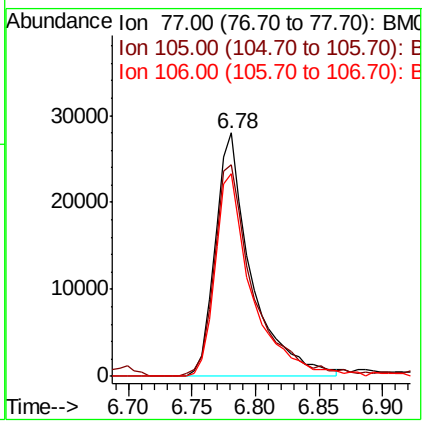
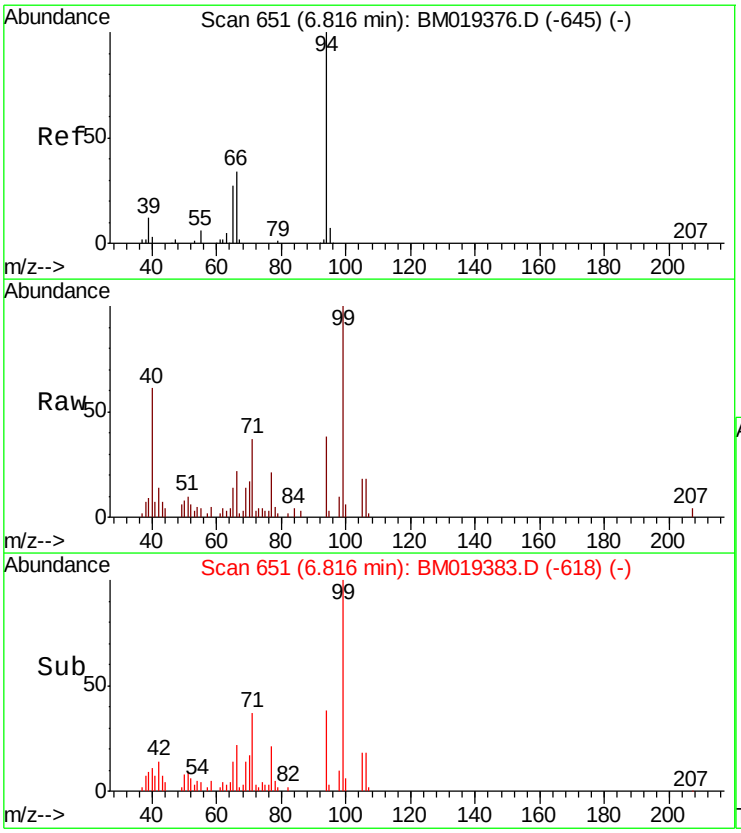
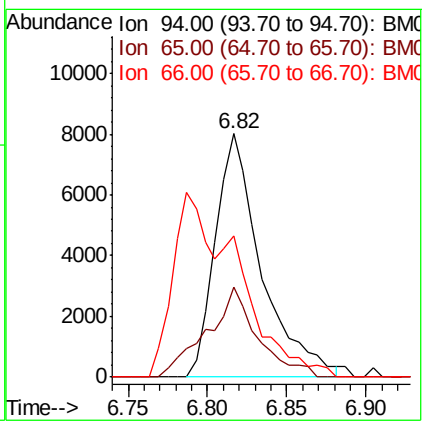


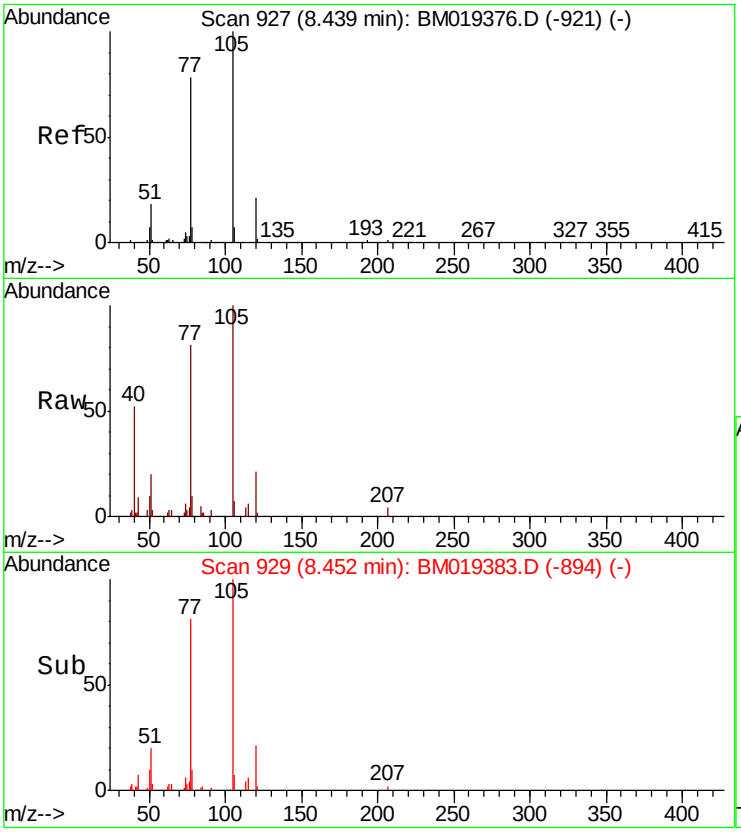


#6
Phenol
Concen: 1.182 ng/ul
RT: 6.82 min Scan# 651
Delta R.T. -0.01 min
Lab File: BM019383.D
Acq: 24 Mar 2019 09:47

Tgt Ion: 94 Resp: 16162

Ion	Ratio	Lower	Upper
94	100		
65	36.8	23.0	34.6#
66	57.8	30.4	45.6#





#14
Acetophenone
Concen: 2.302 ng/ul
RT: 8.45 min Scan# 929
Delta R.T. 0.01 min
Lab File: BM019383.D
Acq: 24 Mar 2019 09:47

Tgt Ion:105 Resp: 36890

Ion	Ratio	Lower	Upper
105	100		
77	80.6	63.2	94.8
51	20.5	19.8	29.8

Instrument :
BNA_M
ClientSampleId :
BF5S9

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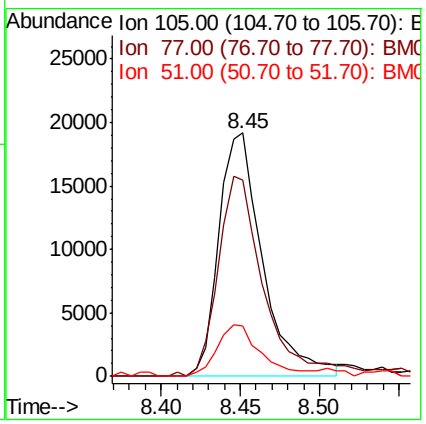
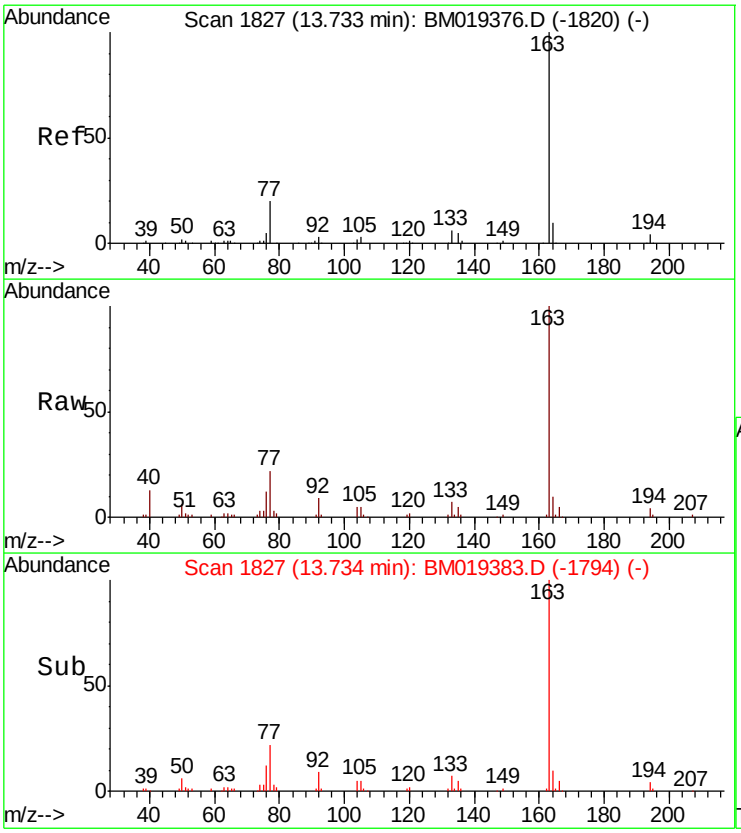
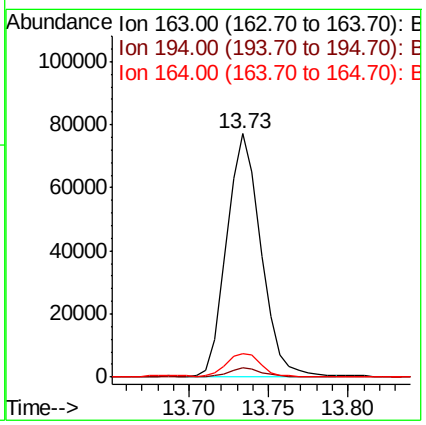


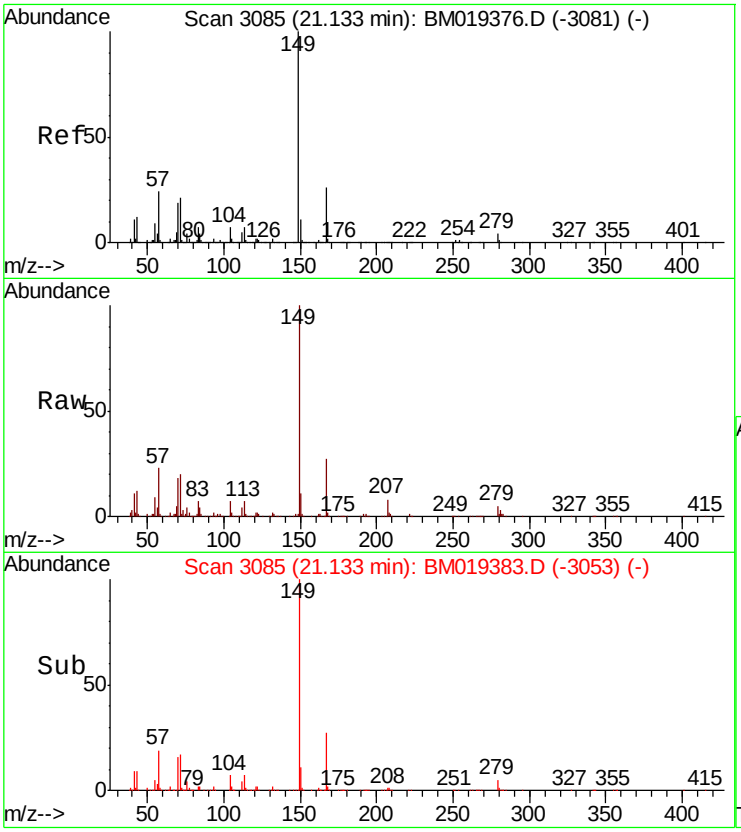


#45
Dimethylphthalate
Concen: 3.904 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.01 min
Lab File: BM019383.D
Acq: 24 Mar 2019 09:47

Tgt Ion:163 Resp: 115901

Ion	Ratio	Lower	Upper
163	100		
194	3.9	4.0	6.0#
164	9.5	8.4	12.6

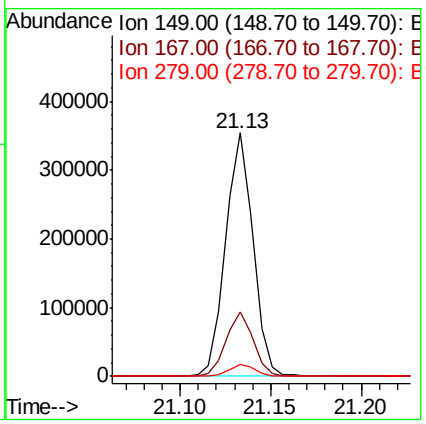




#84
Bis(2-ethylhexyl)phthalate
Concen: 11.531 ng/ul
RT: 21.13 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM019383.D
Acq: 24 Mar 2019 09:47

Tgt Ion:149 Resp: 370540

Ion	Ratio	Lower	Upper
149	100		
167	26.6	23.0	34.6
279	4.8	4.3	6.5



Instrument :
BNA_M
ClientSampleId :
BF5S9

Manual Integrations APPROVED
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