Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022916.D
Acq On : 03 Oct 2019 12:36
Operator : JU
Sample : K4932-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG3

Quant Time: Oct 04 15:04:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 04 02:14:16 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.80	152	197851	20.00	ng/ul	0.00
18) Naphthalene-d8	10.59	136	863707	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.43	164	526766	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.17	188	965164	20.00	ng/ul	0.00
78) Chrysene-d12	21.35	240	739014	20.00	ng/ul	0.00
86) Perylene-d12	23.61	264	790401	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	28379	6.20	ng/uL	0.00
5) Phenol-d5	6.96	99	132826	7.60	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	273007	28.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.33	132	339525	24.12	ng/ul	0.00
13) 4-Methylphenol-d8	8.50	113	234910	16.41	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	198918	29.84	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	215995	29.68	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.21	165	397699	27.44	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	504942	28.68	ng/ul	0.00
44) Dimethylphthalate-d6	13.84	166	1268004	31.02	ng/ul	0.00
47) Acenaphthylene-d8	14.12	160	1410784	29.89	ng/ul	0.00
52) 4-Nitrophenol-d4	14.63	143	45114	5.58	ng/ul	0.00
58) Fluorene-d10	15.42	176	1049301	30.11	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.53	200	143658	22.87	ng/ul	0.00
71) Anthracene-d10	17.27	188	1598058	33.91	ng/ul	0.00
79) Pyrene-d10	19.56	212	1609335	40.46	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.47	264	1447392	35.40	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.99	94	21936	1.197	ng/ul	98
28) Naphthalene	10.63	128	215188	4.613	ng/ul	98
34) 2-Methylnaphthalene	12.25	142	277440	7.933	ng/ul	98
45) Dimethylphthalate	13.89	163	1089864	25.951	ng/ul	99
70) Phenanthrene	17.21	178	66249	1.150	ng/ul	99

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

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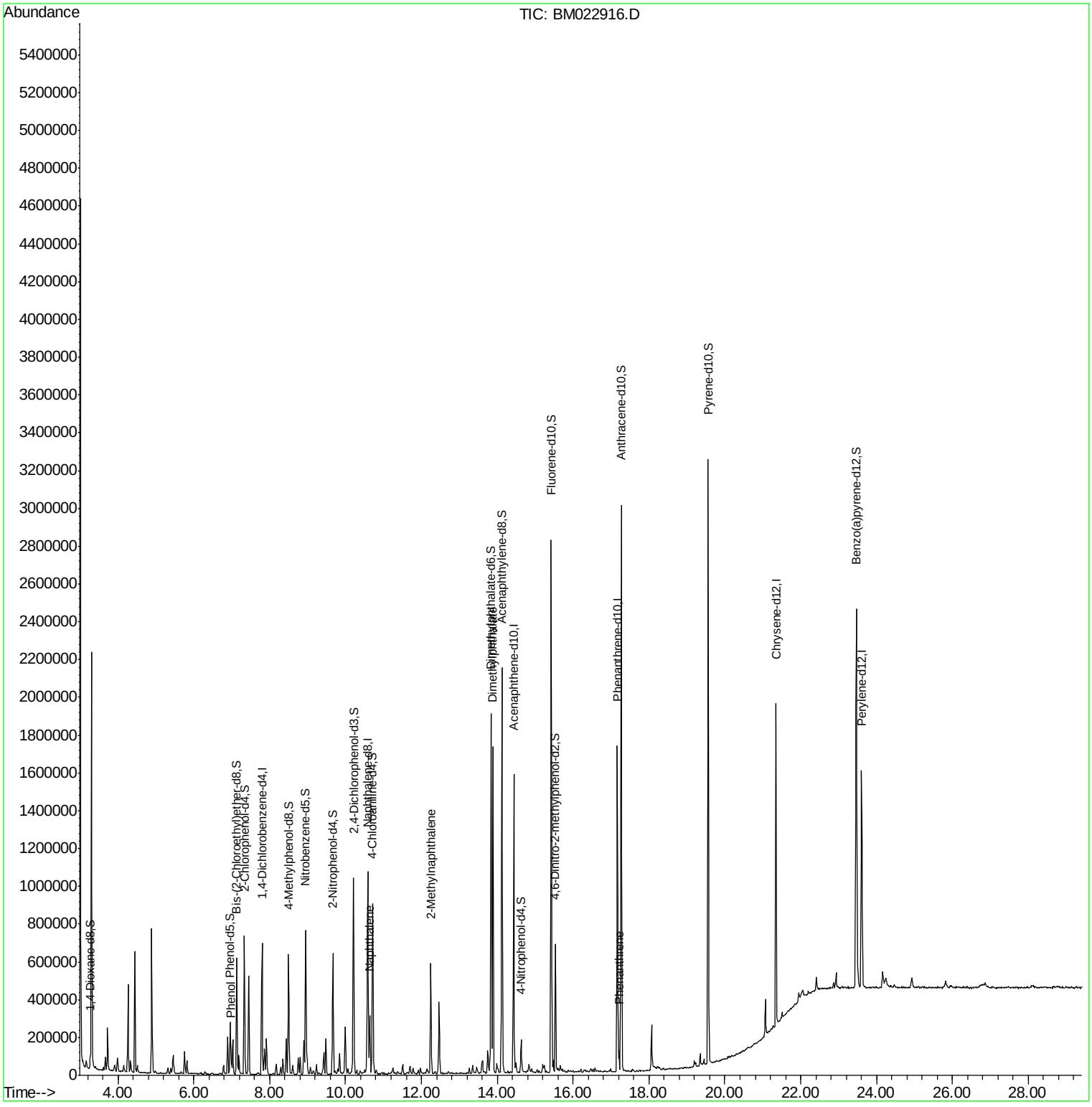
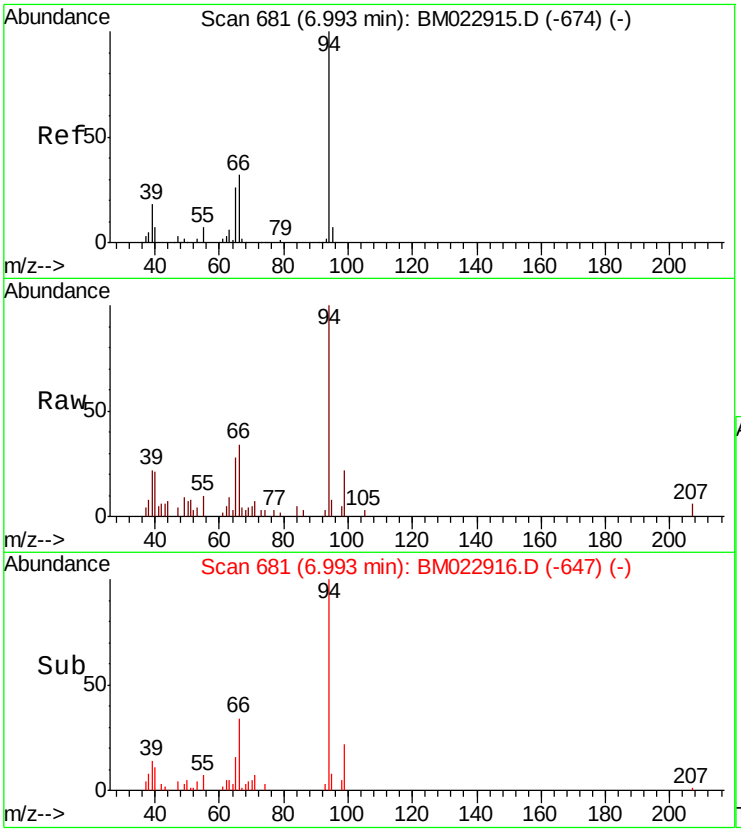


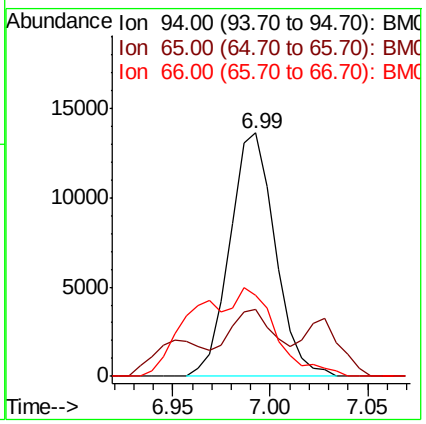


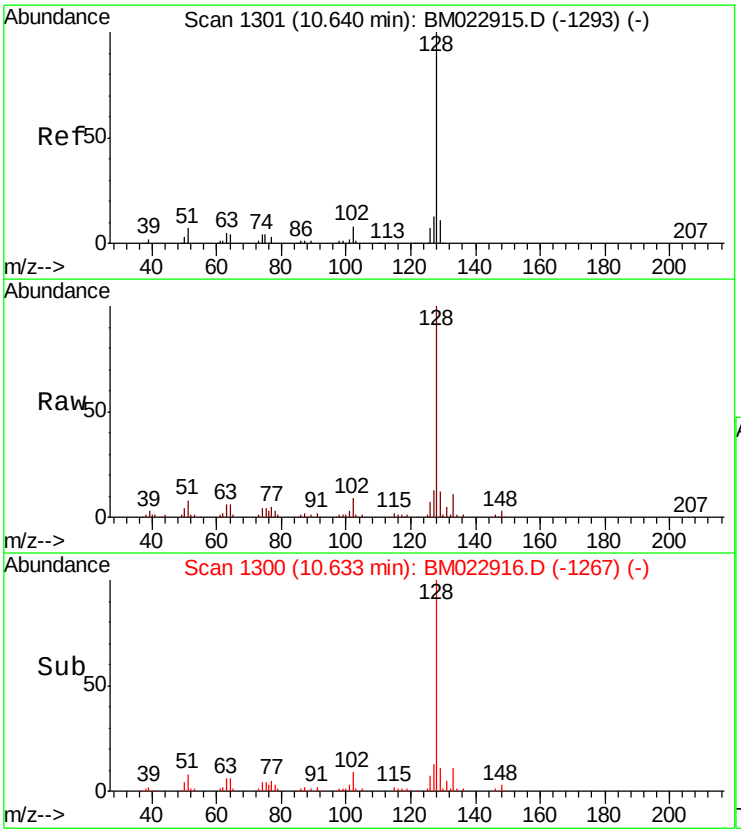
#6
Phenol
Concen: 1.197 ng/ul
RT: 6.99 min Scan# 681
Delta R.T. -0.00 min
Lab File: BM022916.D
Acq: 03 Oct 2019 12:36

Instrument :
BNA_M
ClientSampleId :
BFDG3

Tgt Ion: 94 Resp: 21936

Ion	Ratio	Lower	Upper
94	100		
65	27.6	20.9	31.3
66	33.5	27.2	40.8

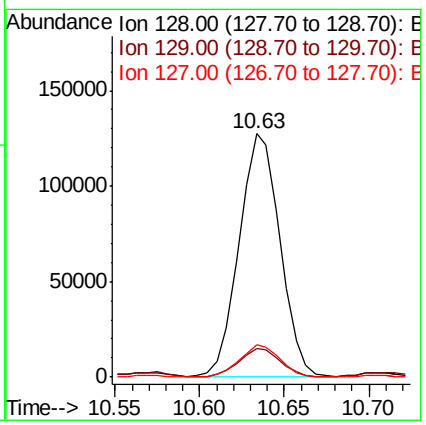


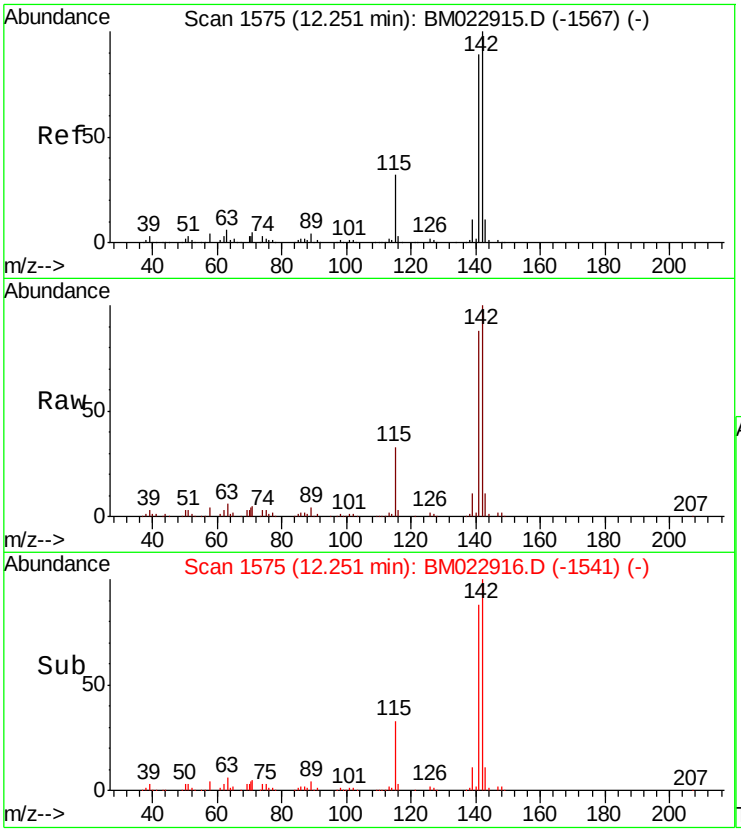


#28
Naphthalene
Concen: 4.613 ng/ul
RT: 10.63 min Scan# 1300
Delta R.T. -0.01 min
Lab File: BM022916.D
Acq: 03 Oct 2019 12:36

Tgt Ion:128 Resp: 215188

Ion	Ratio	Lower	Upper
128	100		
129	11.8	8.6	13.0
127	13.2	10.2	15.4



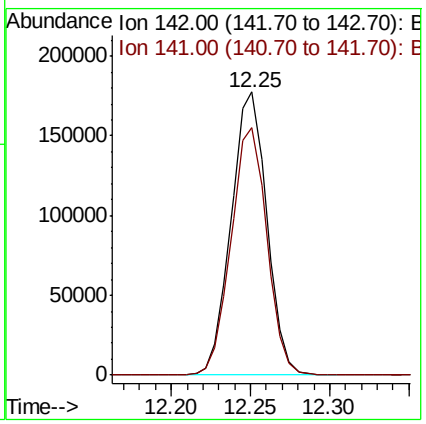


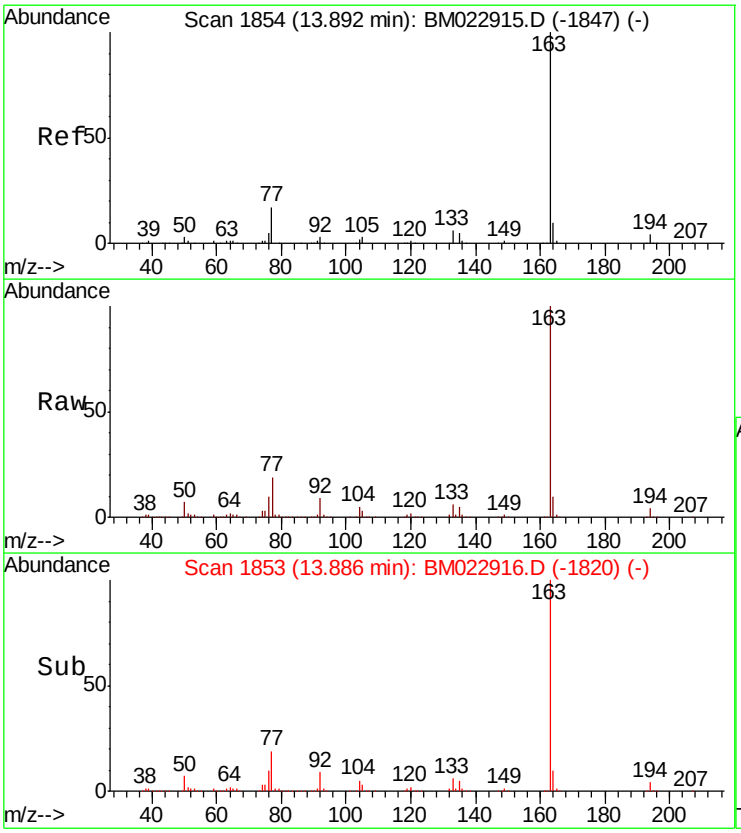
#34
2-Methylnaphthalene
Concen: 7.933 ng/ul
RT: 12.25 min Scan# 1575
Delta R.T. -0.00 min
Lab File: BM022916.D
Acq: 03 Oct 2019 12:36

Instrument :
BNA_M
ClientSampleId :
BFDG3

Tgt Ion:142 Resp: 277440

Ion	Ratio	Lower	Upper
142	100		
141	87.6	71.2	106.8

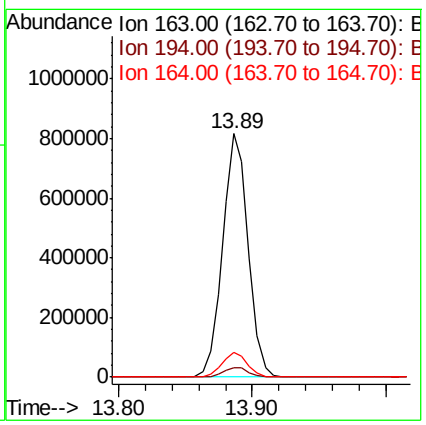


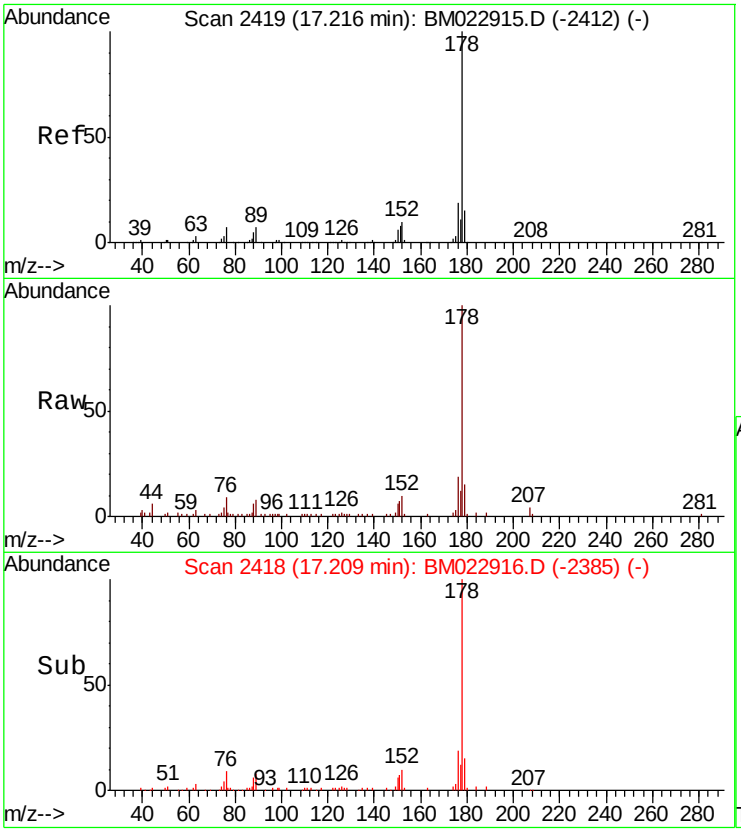


#45
Dimethylphthalate
Concen: 25.951 ng/ul
RT: 13.89 min Scan# 1853
Delta R.T. -0.01 min
Lab File: BM022916.D
Acq: 03 Oct 2019 12:36

Tgt Ion:163 Resp: 1089864

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.4	5.0
164	10.4	8.1	12.1





#70
Phenanthrene
Concen: 1.150 ng/ul
RT: 17.21 min Scan# 2418
Delta R.T. -0.01 min
Lab File: BM022916.D
Acq: 03 Oct 2019 12:36

Instrument :
BNA_M
ClientSampleId :
BFDG3

Tgt Ion:178 Resp: 66249

Ion	Ratio	Lower	Upper
178	100		
179	14.8	12.4	18.6
176	18.9	15.3	22.9