Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024160.D
Acq On : 18 Dec 2019 19:48
Operator : JU
Sample : K6171-02
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0BS1

Quant Time: Dec 19 03:03:15 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 17 15:54:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	396263	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1839566	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1201817	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2552760	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	2214258	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	2040614	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	21004	2.34	ng/uL	0.01
5) Phenol-d5	6.65	99	449160	11.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	286866	12.75	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	348073	13.01	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	358939	11.70	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	165946	12.55	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	175004	12.04	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	359866	12.74	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	419582	12.23	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1250167	14.07	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1450243	13.62	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	85789	5.38	ng/ul	0.01
58) Fluorene-d10	15.11	176	1107685	14.22	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	80109	5.14	ng/ul	0.00
71) Anthracene-d10	16.96	188	1710442	14.73	ng/ul	0.00
79) Pyrene-d10	19.27	212	1969370	18.67	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1650943	16.29	ng/ul	0.00
Target Compounds						Qvalue
16) 4-Methylphenol	8.23	108	66355	2.075	ng/ul	83
45) Dimethylphthalate	13.58	163	241027	2.610	ng/ul	99
77) Fluoranthene	18.94	202	180265	1.157	ng/ul	99
80) Pyrene	19.30	202	159033	1.100	ng/ul	98

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

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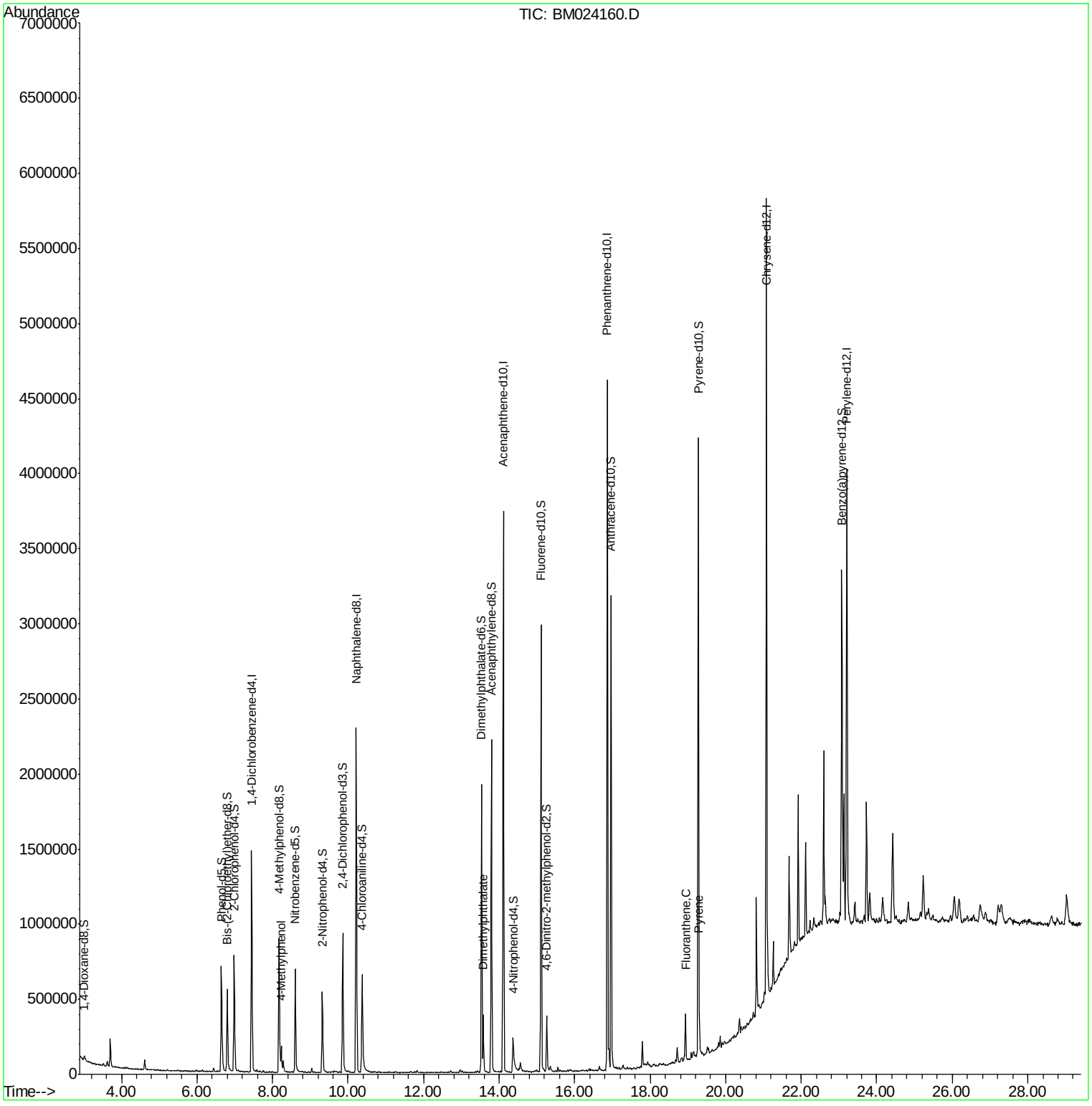
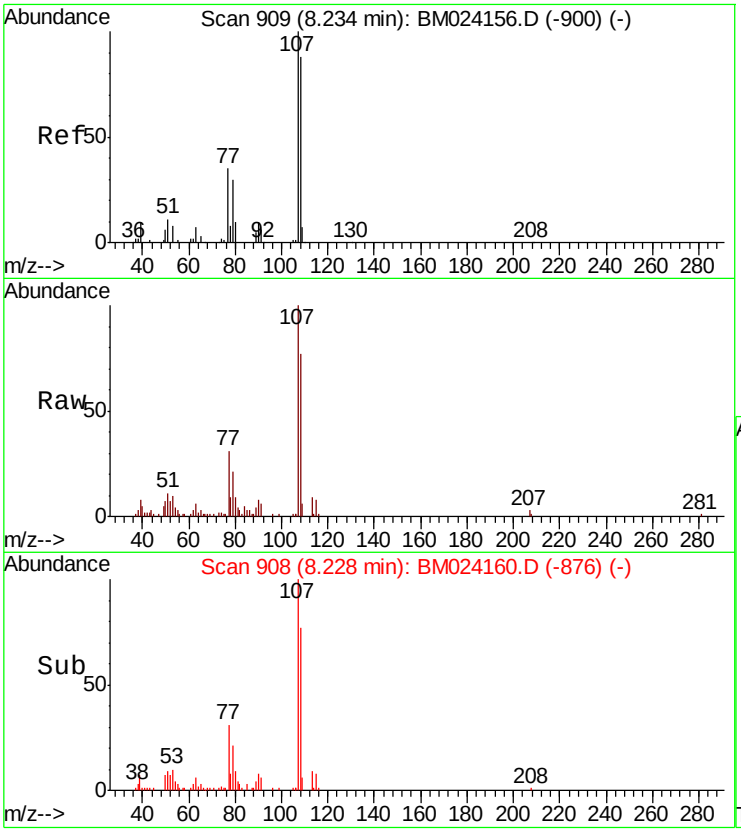


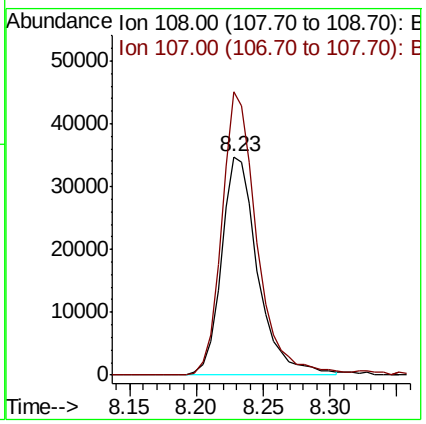


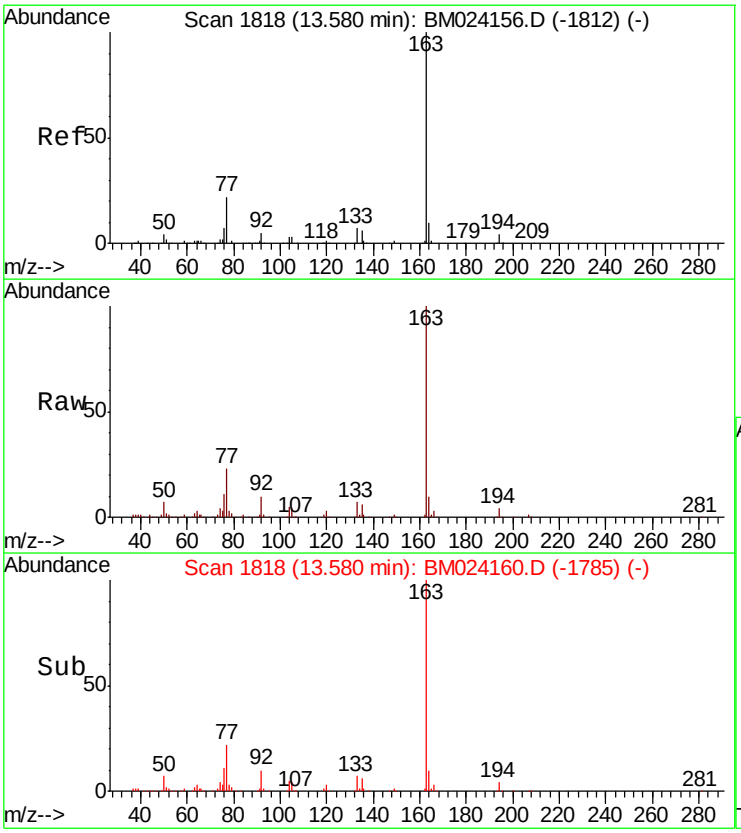
#16
4-Methylphenol
Concen: 2.075 ng/ul
RT: 8.23 min Scan# 908
Delta R.T. -0.01 min
Lab File: BM024160.D
Acq: 18 Dec 2019 19:48

Instrument :
BNA_M
ClientSampleId :
C0BS1

Tgt Ion:108 Resp: 66355

Ion	Ratio	Lower	Upper
108	100		
107	129.7	89.1	133.7

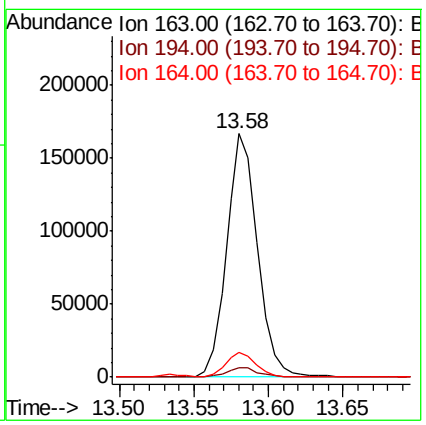


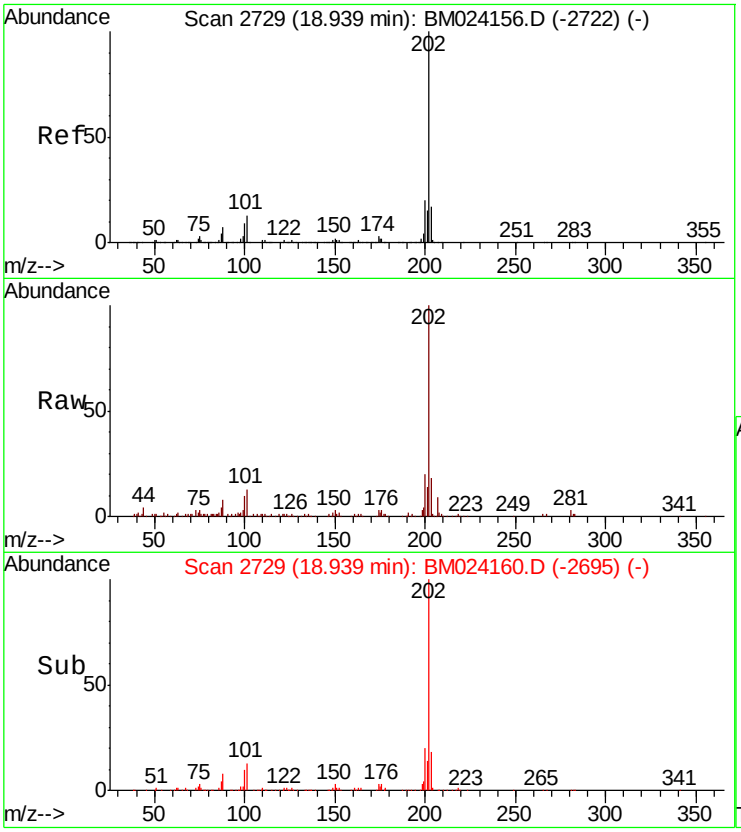


#45
Dimethylphthalate
Concen: 2.610 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM024160.D
Acq: 18 Dec 2019 19:48

Tgt Ion:163 Resp: 241027

Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.0	7.8	11.6



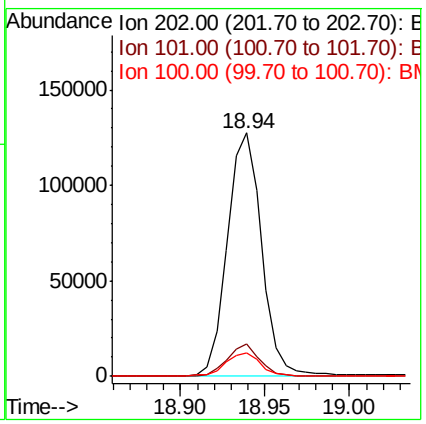


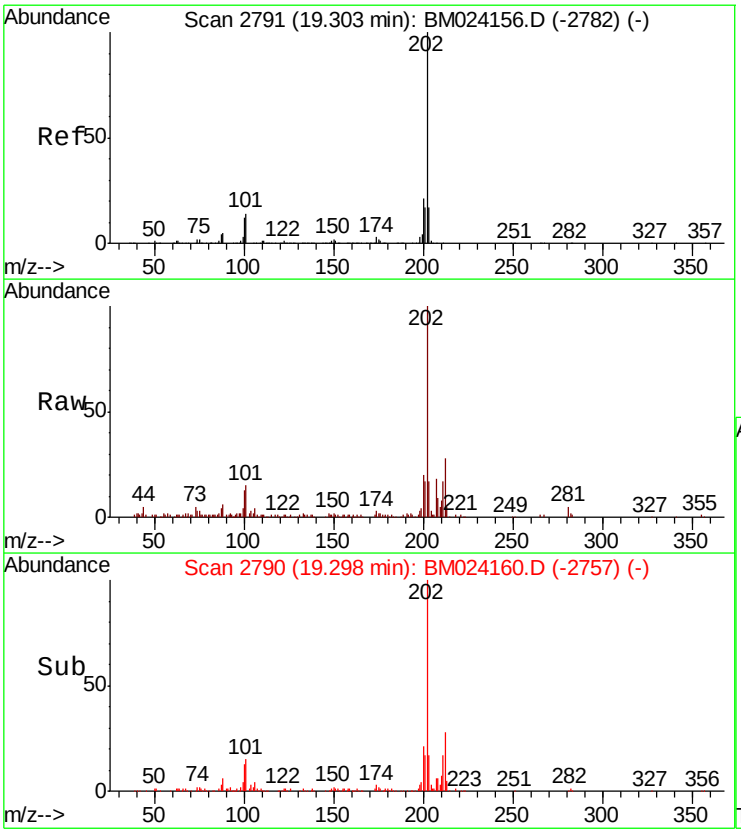
#77
Fluoranthene
Concen: 1.157 ng/ul
RT: 18.94 min Scan# 2729
Delta R.T. -0.00 min
Lab File: BM024160.D
Acq: 18 Dec 2019 19:48

Instrument :
BNA_M
ClientSampleId :
C0BS1

Tgt Ion:202 Resp: 180265

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.6	15.8
100	9.6	8.1	12.1





#80
Pyrene
Concen: 1.100 ng/ul
RT: 19.30 min Scan# 2790
Delta R.T. -0.01 min
Lab File: BM024160.D
Acq: 18 Dec 2019 19:48

Tgt Ion:202 Resp: 159033

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.2	18.4
100	13.3	10.0	15.0