Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
Data File : BM023441.D
Acq On : 29 Oct 2019 14:09
Operator : JU
Sample : K5423-08
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BE4H2

Quant Time: Oct 29 18:04:46 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Oct 25 07:44:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	464600	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.40	136	1907478	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.27	164	1156275	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.02	188	2325218	20.00	ng/ul	-0.01
78) Chrysene-d12	21.22	240	2386032	20.00	ng/ul	-0.01
86) Perylene-d12	23.41	264	2792482	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	54638	5.59	ng/uL	0.00
5) Phenol-d5	6.80	99	272580	6.99	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.96	67	607253	26.55	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.16	132	706521	23.16	ng/ul	-0.01
13) 4-Methylphenol-d8	8.33	113	476483	15.03	ng/ul	-0.02
19) Nitrobenzene-d5	8.77	128	410961	28.62	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.49	143	455492	28.59	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.03	165	801745	25.60	ng/ul	-0.01
29) 4-Chloroaniline-d4	10.54	131	12889	0.36	ng/ul	-0.02
44) Dimethylphthalate-d6	13.69	166	2568495	29.25	ng/ul	-0.01
47) Acenaphthylene-d8	13.96	160	2991907	29.74	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.49	143	86037	5.66	ng/ul	0.00
58) Fluorene-d10	15.27	176	2172250	29.21	ng/ul	-0.02
63) 4,6-Dinitro-2-methylphenol	15.40	200	314630	21.73	ng/ul	-0.01
71) Anthracene-d10	17.12	188	3379676	30.76	ng/ul	-0.02
79) Pyrene-d10	19.42	212	3693889	28.15	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	4344998	30.54	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.19	88	16626	1.597	ng/uL	96
8) Bis(2-Chloroethyl)ether	7.06	93	111885	3.571	ng/ul	98
45) Dimethylphthalate	13.73	163	178673	2.027	ng/ul	98
65) N-Nitrosodiphenylamine	15.54	169	3741720	51.013	ng/ul	99

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

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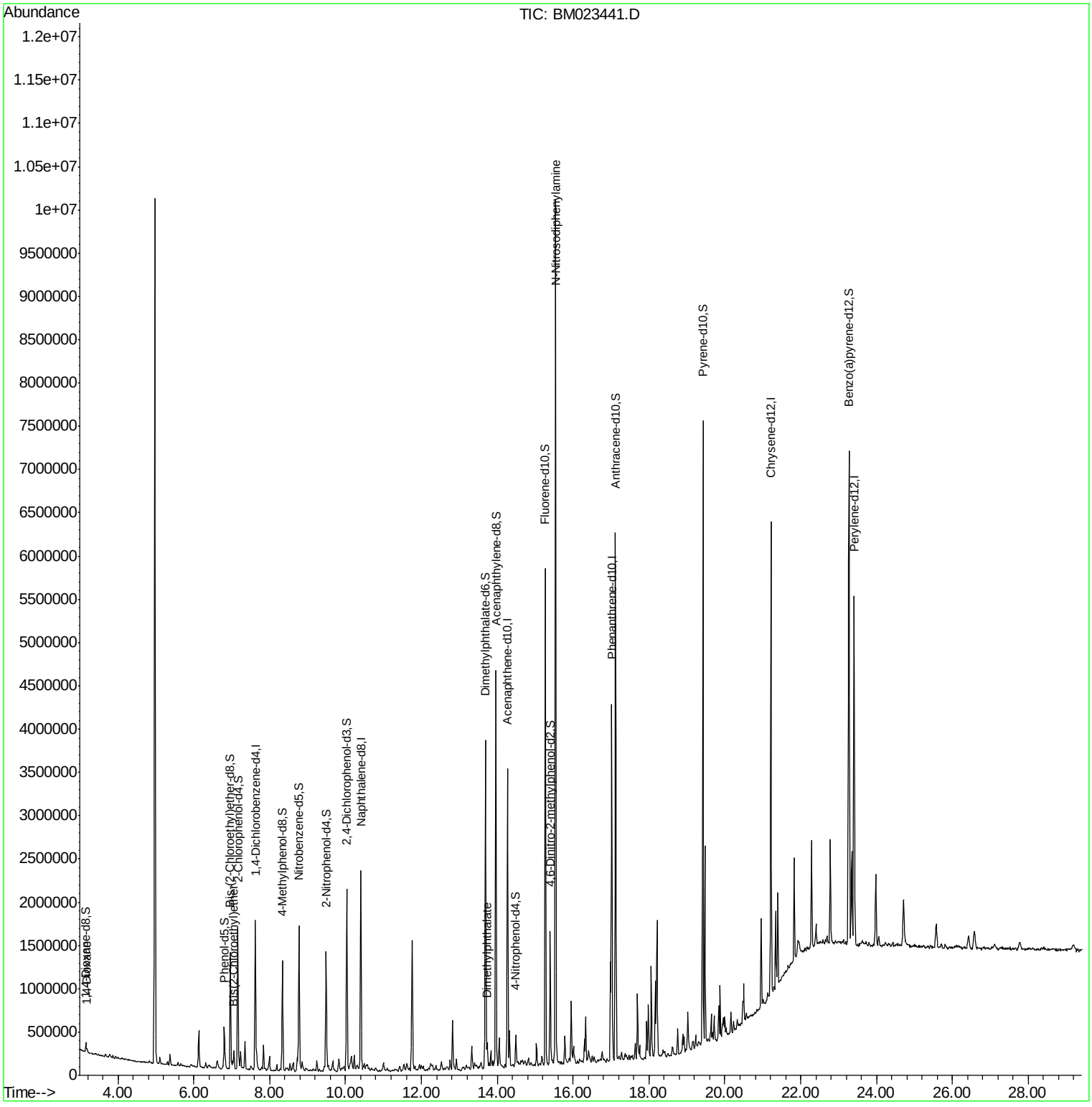
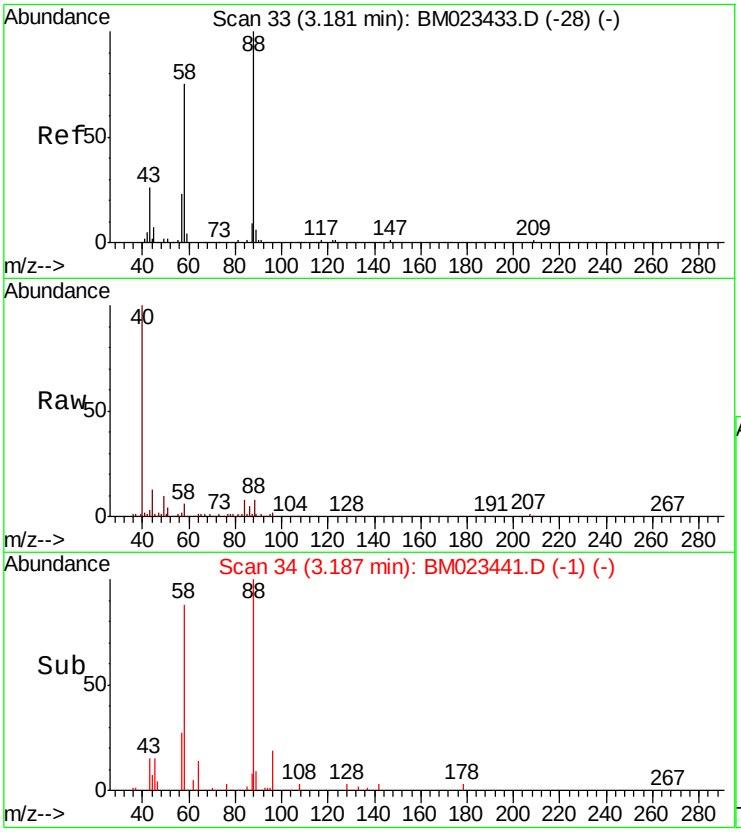


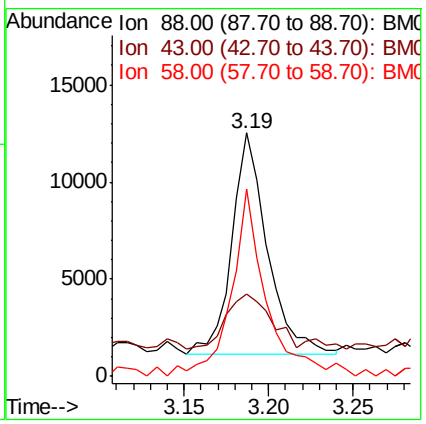


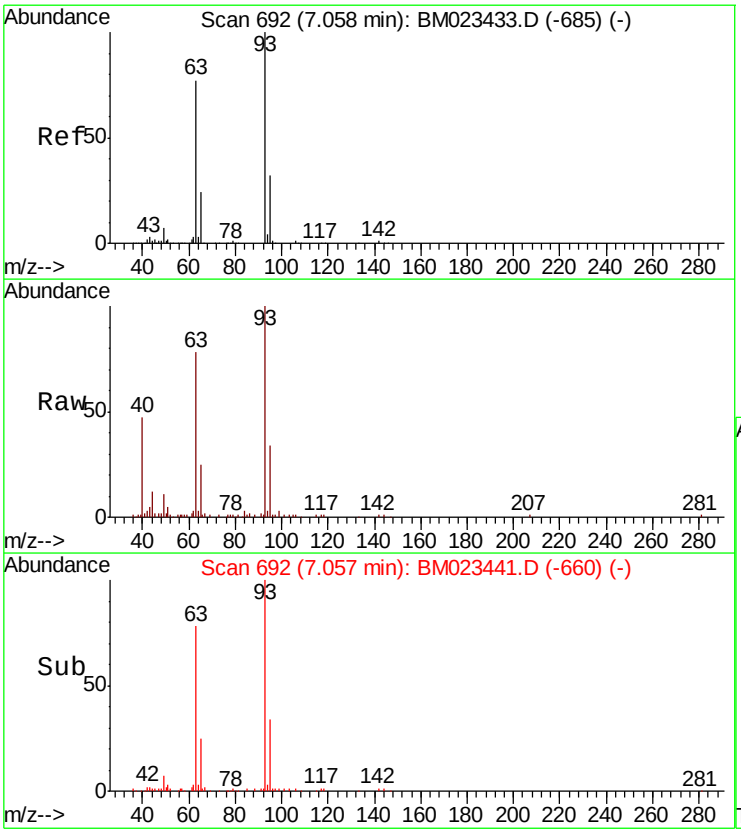
#2
1,4-Dioxane
Concen: 1.597 ng/uL
RT: 3.19 min Scan# 34
Delta R.T. -0.01 min
Lab File: BM023441.D
Acq: 29 Oct 2019 14:09

Instrument :
BNA_M
ClientSampleId :
BE4H2

Tgt Ion: 88 Resp: 16626

Ion	Ratio	Lower	Upper
88	100		
43	34.0	26.3	39.5
58	76.8	58.0	87.0

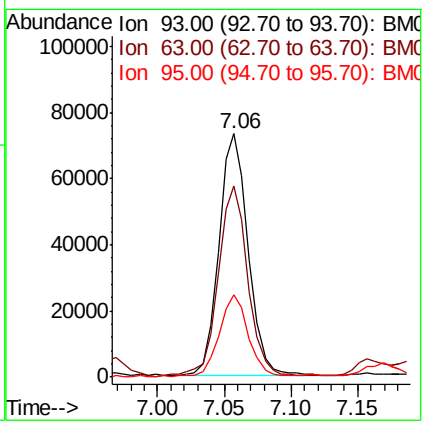


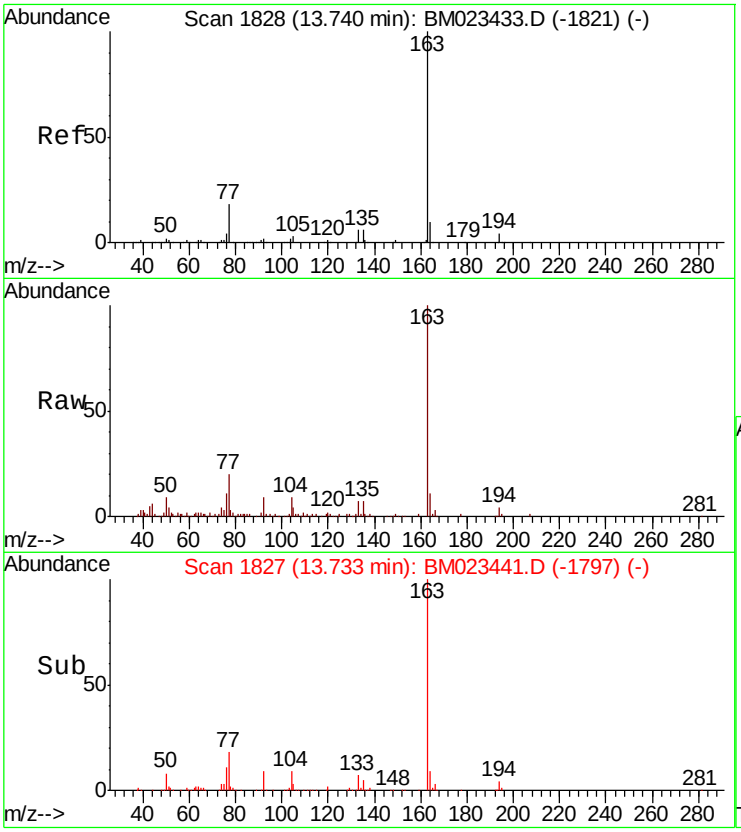


#8
Bis(2-Chloroethyl)ether
Concen: 3.571 ng/ul
RT: 7.06 min Scan# 692
Delta R.T. -0.01 min
Lab File: BM023441.D
Acq: 29 Oct 2019 14:09

Tgt Ion: 93 Resp: 111885

Ion	Ratio	Lower	Upper
93	100		
63	78.3	61.4	92.0
95	34.1	26.1	39.1



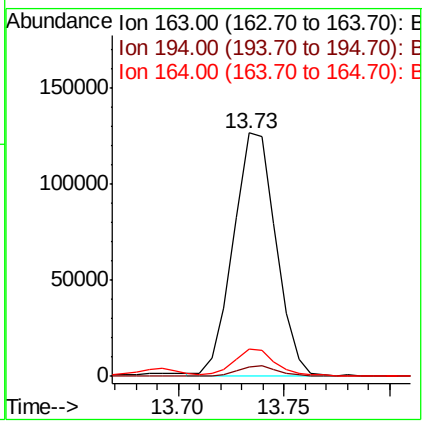


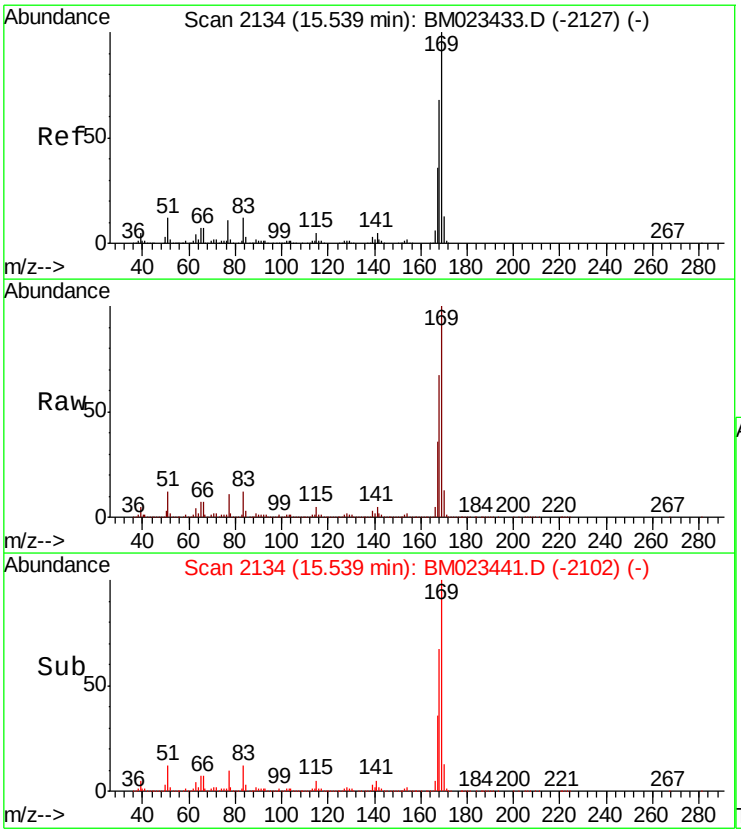
#45
Dimethylphthalate
Concen: 2.027 ng/ul
RT: 13.73 min Scan# 1827
Delta R.T. -0.02 min
Lab File: BM023441.D
Acq: 29 Oct 2019 14:09

Instrument :
BNA_M
ClientSampleId :
BE4H2

Tgt Ion:163 Resp: 178673

Ion	Ratio	Lower	Upper
163	100		
194	4.1	3.3	4.9
164	11.2	7.9	11.9





#65
N-Nitrosodiphenylamine
Concen: 51.013 ng/ul
RT: 15.54 min Scan# 2134
Delta R.T. -0.01 min
Lab File: BM023441.D
Acq: 29 Oct 2019 14:09

Tgt Ion:169 Resp: 3741720

Ion	Ratio	Lower	Upper
169	100		
168	66.7	53.6	80.4
167	35.7	29.0	43.4