Quantitation Report (Not Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM032319\
Data File : BM019373.D
Acq On : 24 Mar 2019 03:47
Operator : JU/SJ
Sample : K2025-18
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C09F0

Quant Time: Mar 25 00:39:19 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM032219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Mar 25 00:34:42 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	157646	20.00	ng/ul	0.00
18) Naphthalene-d8	10.39	136	662433	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	373051	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	836565	20.00	ng/ul	-0.01
78) Chrysene-d12	21.23	240	913511	20.00	ng/ul	-0.01
86) Perylene-d12	23.44	264	1009255	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.15	96	15856	3.94	ng/uL	0.00
5) Phenol-d5	6.79	99	80106	5.71	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.96	67	232892	24.78	ng/ul	-0.01
9) 2-Chlorophenol-d4	7.14	132	238329	22.40	ng/ul	-0.01
13) 4-Methylphenol-d8	8.32	113	145959	13.85	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	131137	27.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.49	143	151835	28.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.02	165	249182	25.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.60	131	3562	0.30	ng/ul	0.04
44) Dimethylphthalate-d6	13.69	166	931811	30.96	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	1133382	30.11	ng/ul	-0.01
52) 4-Nitrophenol-d4	14.55	143	8247	1.75	ng/ul	0.04
58) Fluorene-d10	15.27	176	824549	31.79	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.41	200	138682	25.07	ng/ul	0.00
71) Anthracene-d10	17.12	188	1312715	32.70	ng/ul	-0.01
79) Pyrene-d10	19.43	212	1461726	34.64	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.30	264	1689513	31.58	ng/ul	-0.02
Target Compounds						Qvalue
11) 2-Methylphenol	7.96	108	21622	2.116	ng/ul	99
37) 1,2,4,5-Tetrachlorobenzene	12.45	216	30214	2.545	ng/ul	96
46) 2,6-Dinitrotoluene	13.69	165	5712	1.030	ng/ul#	43
73) 1,2,3,4-Tetrachlorobenzene	13.06	216	90366	7.451	ng/uL	98

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

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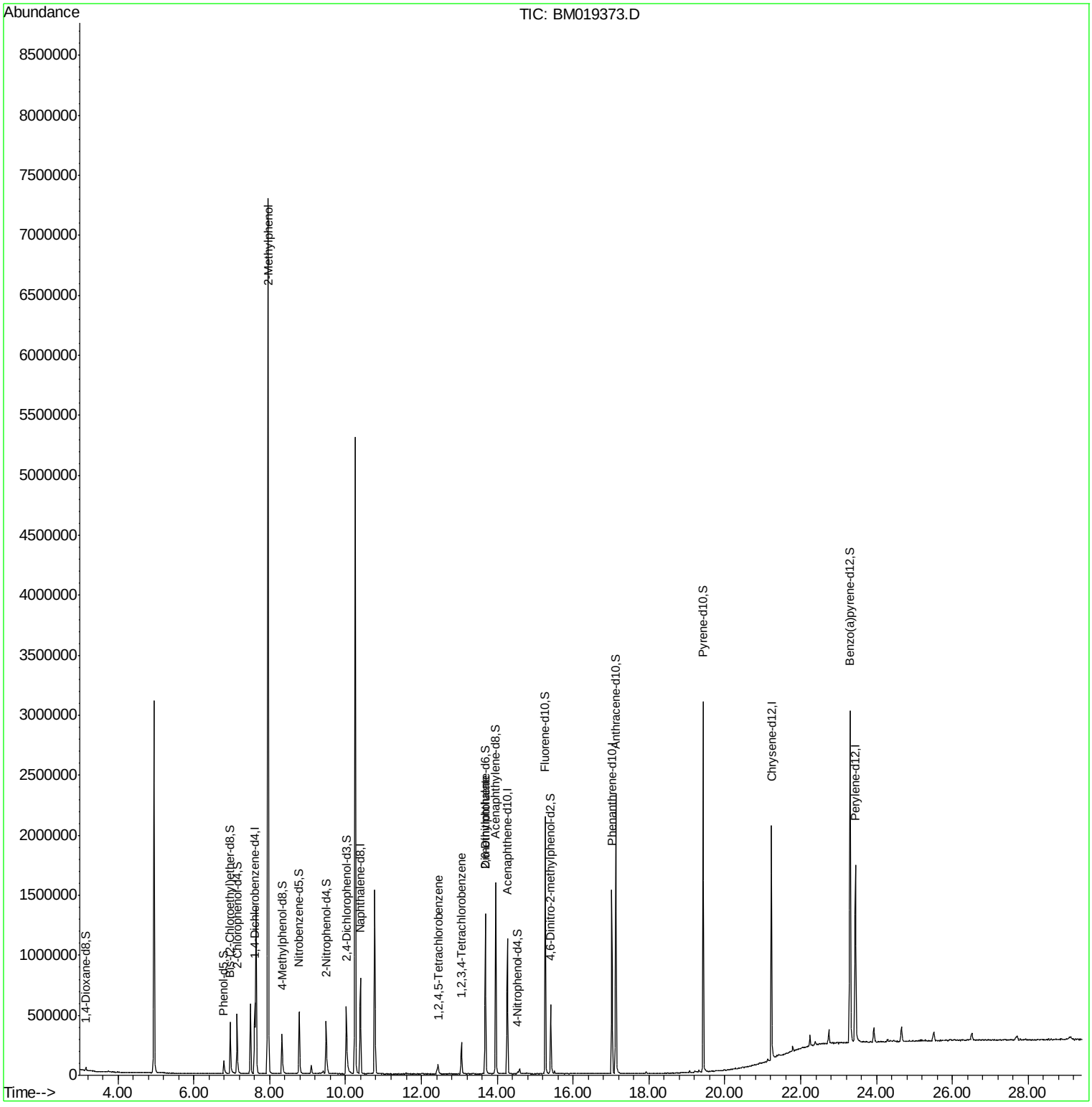
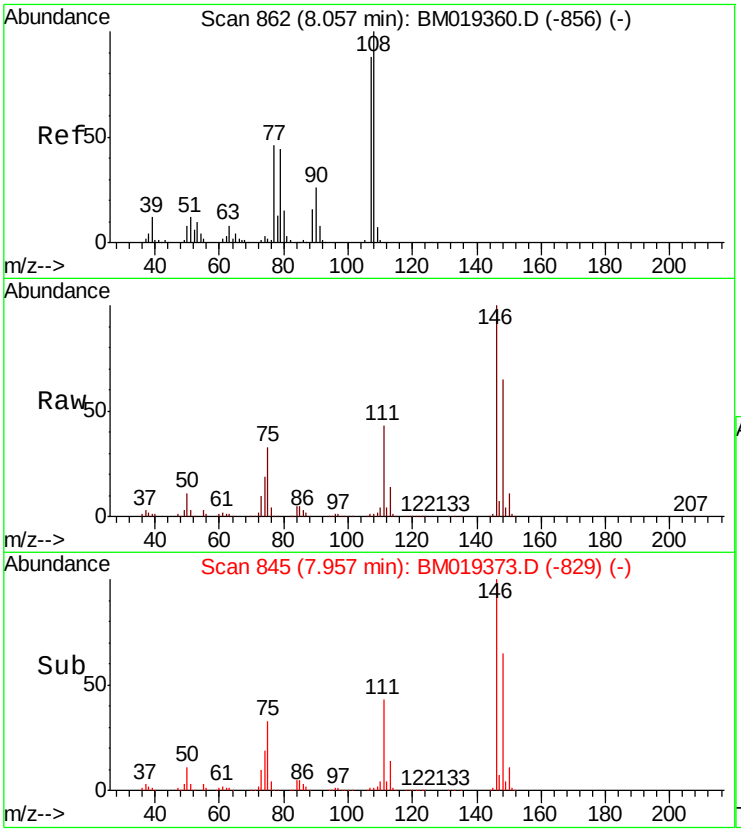


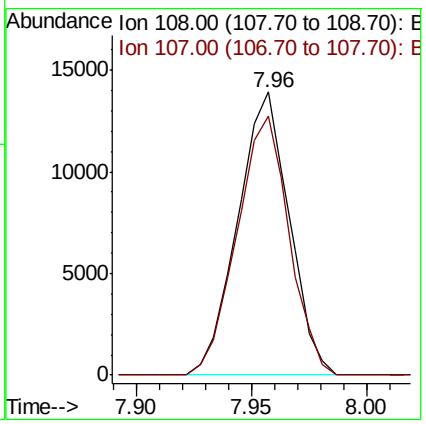


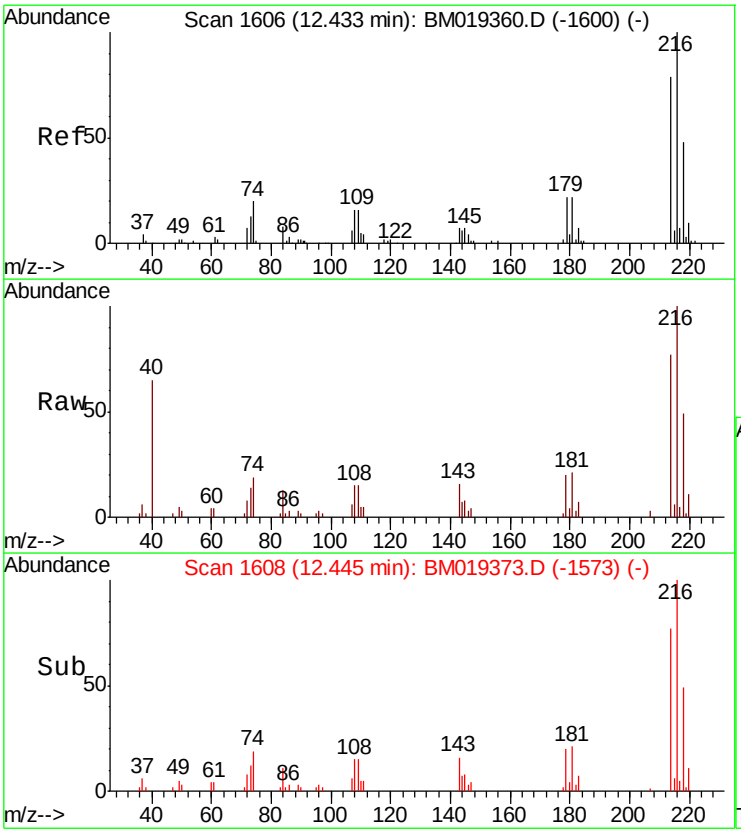
#11
2-Methylphenol
Concen: 2.116 ng/ul
RT: 7.96 min Scan# 845
Delta R.T. -0.11 min
Lab File: BM019373.D
Acq: 24 Mar 2019 03:47

Instrument :
BNA_M
ClientSampleId :
C09F0

Tgt Ion:108 Resp: 21622

Ion	Ratio	Lower	Upper
108	100		
107	91.4	74.1	111.1

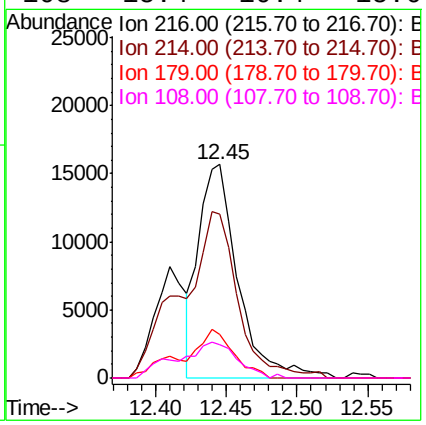


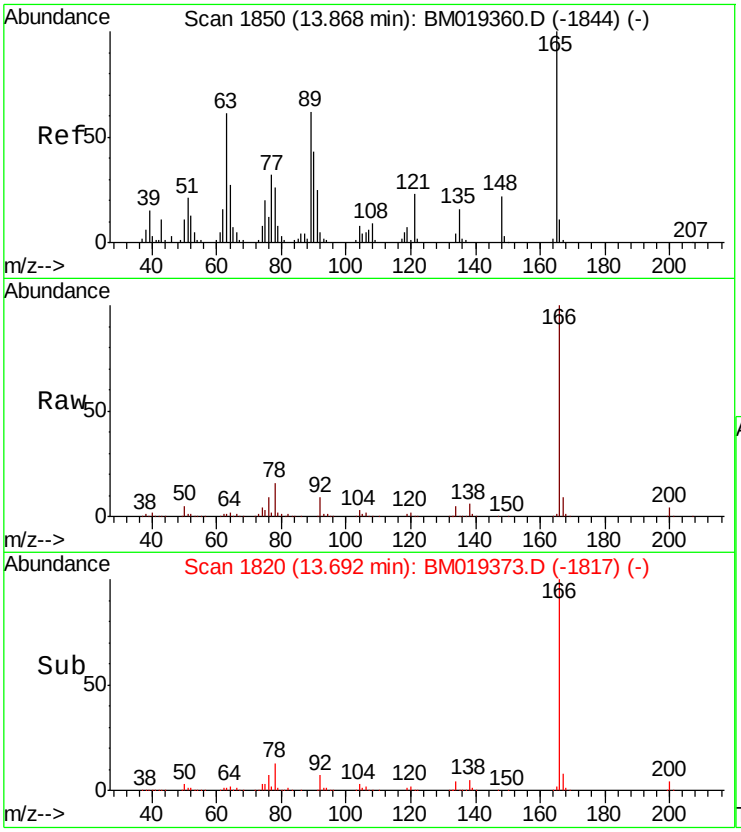


#37
1,2,4,5-Tetrachlorobenzene
Concen: 2.545 ng/ul
RT: 12.45 min Scan# 1608
Delta R.T. 0.01 min
Lab File: BM019373.D
Acq: 24 Mar 2019 03:47

Tgt Ion:216 Resp: 30214

Ion	Ratio	Lower	Upper
216	100		
214	76.6	64.1	96.1
179	20.4	14.5	21.7
108	15.4	10.4	15.6



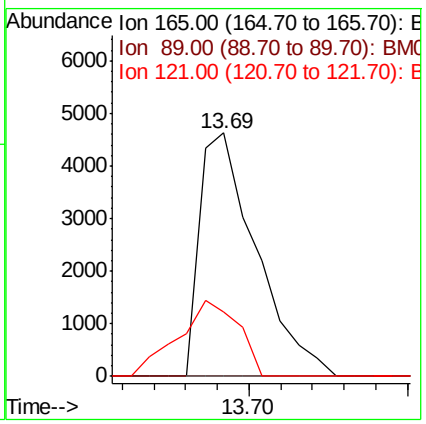


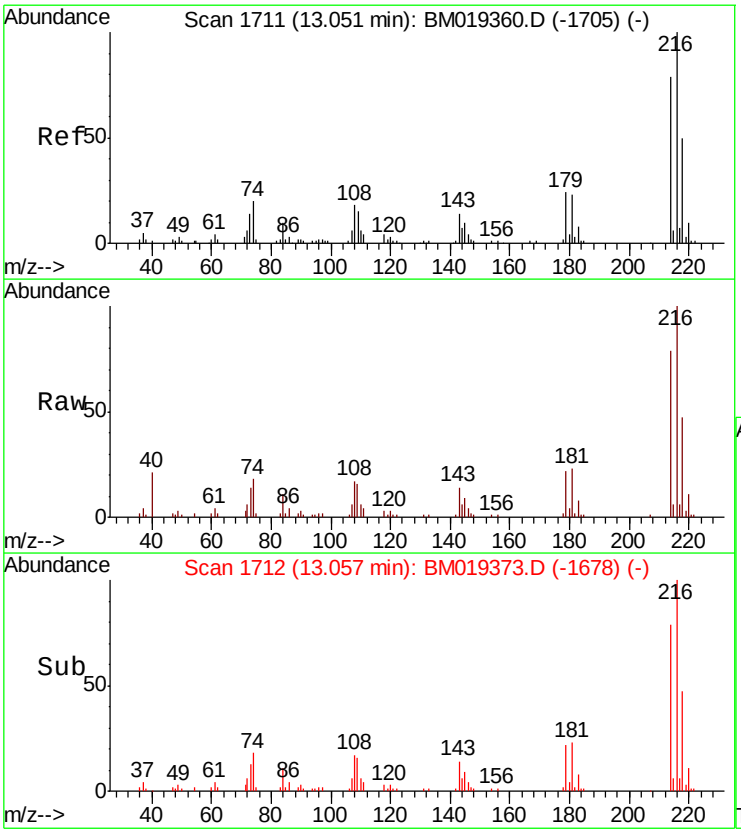
#46
2,6-Dinitrotoluene
Concen: 1.030 ng/ul
RT: 13.69 min Scan# 1820
Delta R.T. -0.18 min
Lab File: BM019373.D
Acq: 24 Mar 2019 03:47

Instrument :
BNA_M
ClientSampleId :
C09F0

Tgt Ion:165 Resp: 5712

Ion	Ratio	Lower	Upper
165	100		
89	0.0	43.8	65.8#
121	26.7	17.8	26.6#





#73
1,2,3,4-Tetrachlorobenzene
Concen: 7.451 ng/uL
RT: 13.06 min Scan# 1712
Delta R.T. 0.00 min
Lab File: BM019373.D
Acq: 24 Mar 2019 03:47

Tgt Ion:216 Resp: 90366

Ion	Ratio	Lower	Upper
216	100		
214	79.1	64.1	96.1
218	47.5	39.4	59.0