Quantitation Report (LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024394.D
Acq On : 31 Dec 2019 14:04
Operator : JU
Sample : K6356-05DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0D40DL

Manual Integrations APPROVED
mohammad
1/2/2020 8:40:54 AM

Quant Time: Dec 31 15:05:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 31 10:50:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	204251	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	782184	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	438615	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	888076	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	836732	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1019526	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.02	96	1187m	0.26	ng/uL	0.04
5) Phenol-d5	6.63	99	16240	0.84	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.77	67	67173	5.79	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	55111	4.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.15	113	31557	2.00	ng/ul	0.02
19) Nitrobenzene-d5	8.56	128	31869	5.67	ng/ul	0.00
22) 2-Nitrophenol-d4	9.29	143	31775	5.14	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.83	165	55516	4.62	ng/ul	0.02
29) 4-Chloroaniline-d4	10.39	131	1970	0.14	ng/ul	0.06
44) Dimethylphthalate-d6	13.50	166	202680	6.25	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	225463	5.80	ng/ul	0.00
52) 4-Nitrophenol-d4	14.41	143	889	0.15	ng/ul	0.08
58) Fluorene-d10	15.08	176	179565	6.32	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	11055	2.04	ng/ul	0.02
71) Anthracene-d10	16.93	188	268862	6.65	ng/ul	0.00
79) Pyrene-d10	19.24	212	296535	7.44	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	324412	6.41	ng/ul	0.00
Target Compounds						Qvalue
20) Nitrobenzene	8.60	77	440509	28.196	ng/ul	94
37) 1,2,4,5-Tetrachlorobenzene	12.23	216	104626	8.824	ng/ul	95
73) 1,2,3,4-Tetrachlorobenzene	12.86	216	337220	30.256	ng/uL	97

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

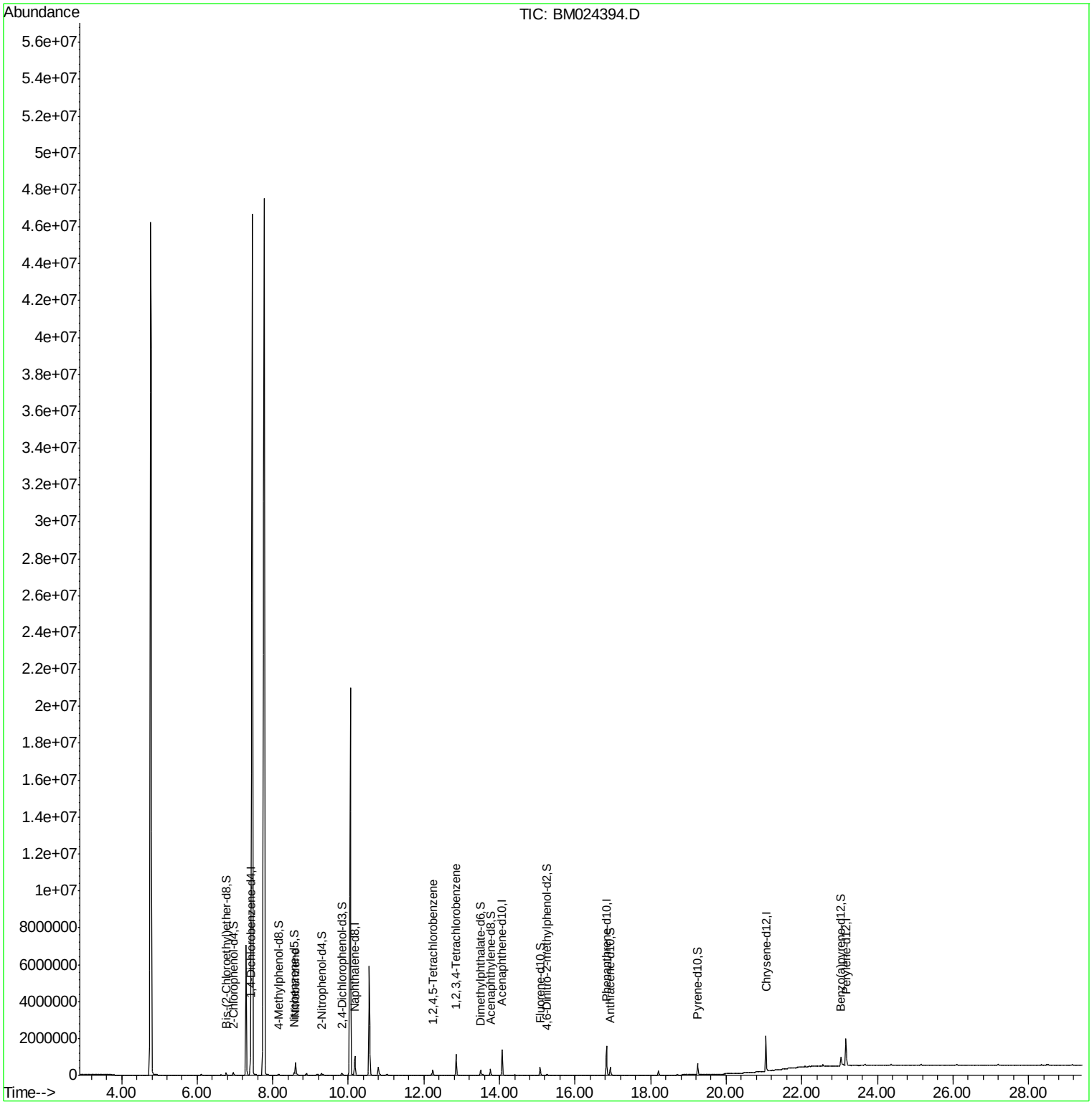
Quantitation Report (LSC Reviewed)

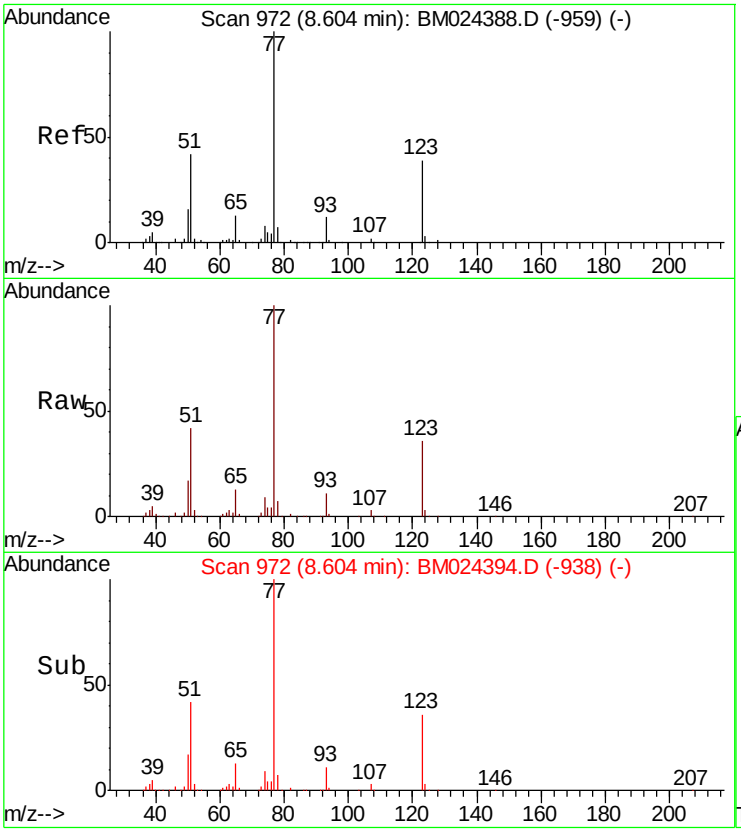
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123119\
Data File : BM024394.D
Acq On : 31 Dec 2019 14:04
Operator : JU
Sample : K6356-05DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 31 15:05:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 31 10:50:36 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C0D40DL

Manual Integrations APPROVED
mohammad
1/2/2020 8:40:54 AM

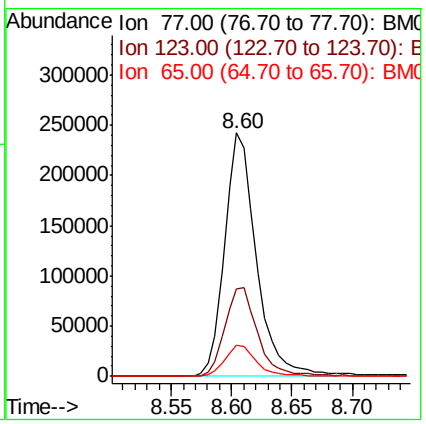




#20
Nitrobenzene
Concen: 28.196 ng/ul
RT: 8.60 min Scan# 972
Delta R.T. -0.00 min
Lab File: BM024394.D
Acq: 31 Dec 2019 14:04

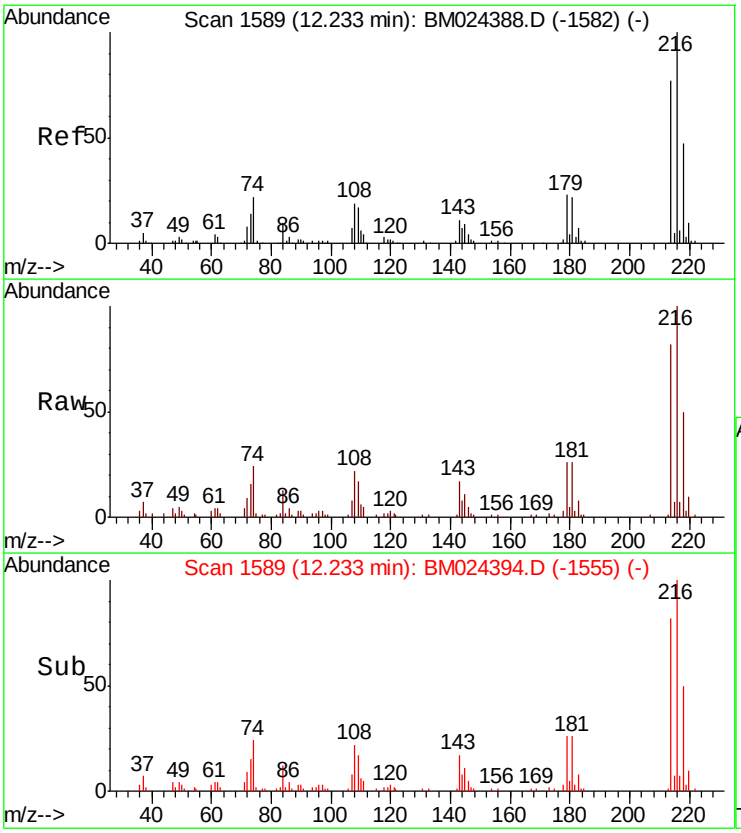
Tgt Ion: 77 Resp: 440509

Ion	Ratio	Lower	Upper
77	100		
123	36.1	32.6	49.0
65	12.7	9.9	14.9



Instrument :
BNA_M
ClientSampleId :
C0D40DL

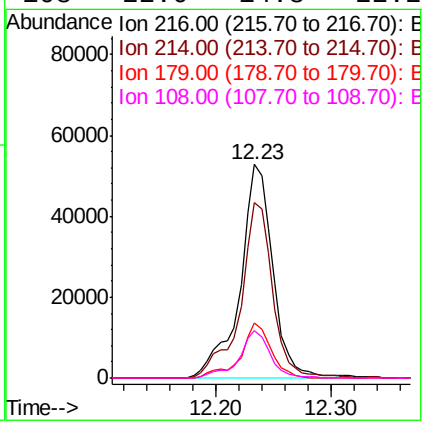
Manual Integrations APPROVED
mohammad
1/2/2020 8:40:54 AM

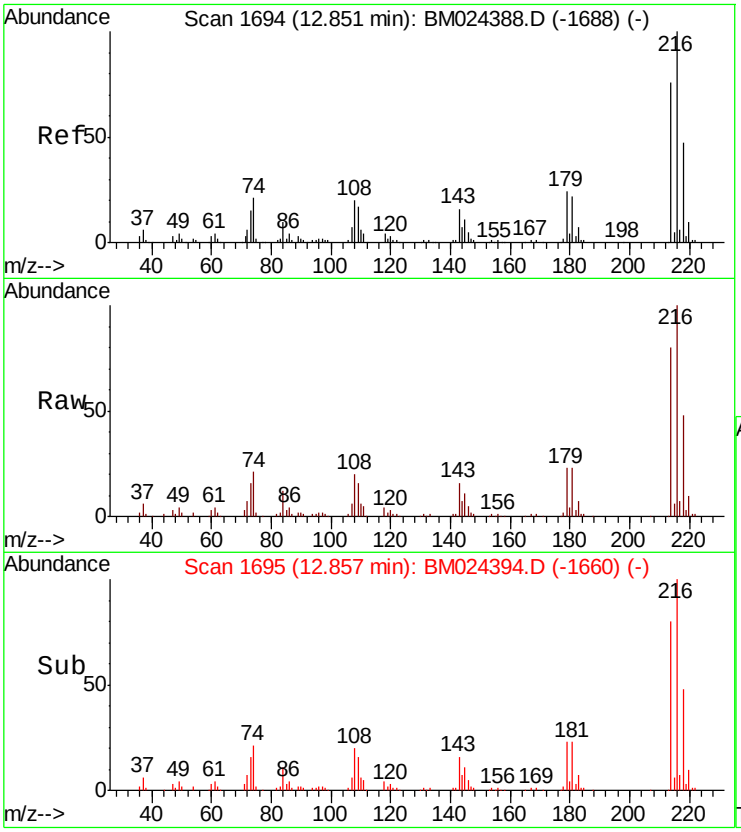


#37
1,2,4,5-Tetrachlorobenzene
Concen: 8.824 ng/ul
RT: 12.23 min Scan# 1589
Delta R.T. -0.00 min
Lab File: BM024394.D
Acq: 31 Dec 2019 14:04

Tgt Ion:216 Resp: 104626

Ion	Ratio	Lower	Upper
216	100		
214	82.2	62.7	94.1
179	25.5	17.6	26.4
108	22.0	14.8	22.2





#73
1,2,3,4-Tetrachlorobenzene
Concen: 30.256 ng/uL
RT: 12.86 min Scan# 1695
Delta R.T. 0.01 min
Lab File: BM024394.D
Acq: 31 Dec 2019 14:04

Tgt Ion:216 Resp: 337220

Ion	Ratio	Lower	Upper
216	100		
214	79.9	61.2	91.8
218	48.0	38.0	57.0

Instrument :
BNA_M
ClientSampleId :
C0D40DL

Manual Integrations APPROVED
mohammad
1/2/2020 8:40:54 AM