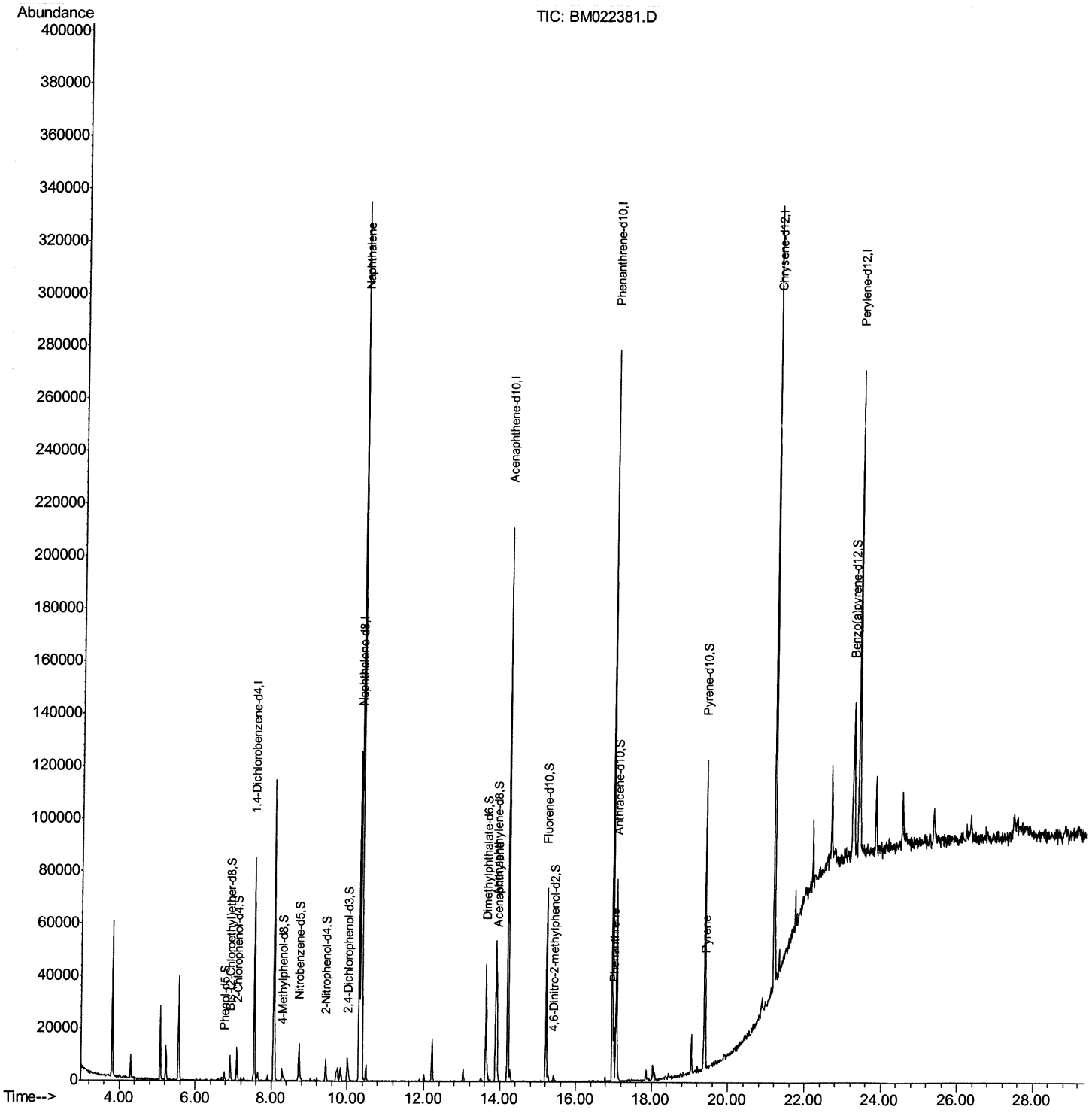
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022381.D
Acq On : 28 Aug 2019 10:32
Operator : HP/JU
Sample : K4414-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 28 13:41:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 24 05:49:20 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ETJQ8DL

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:08 AM



Quantitation Report (Qedit)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022381.D
Acq On : 28 Aug 2019 10:32
Operator : HP/JU
Sample : K4414-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Aug 28 11:33:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 24 05:49:20 2019
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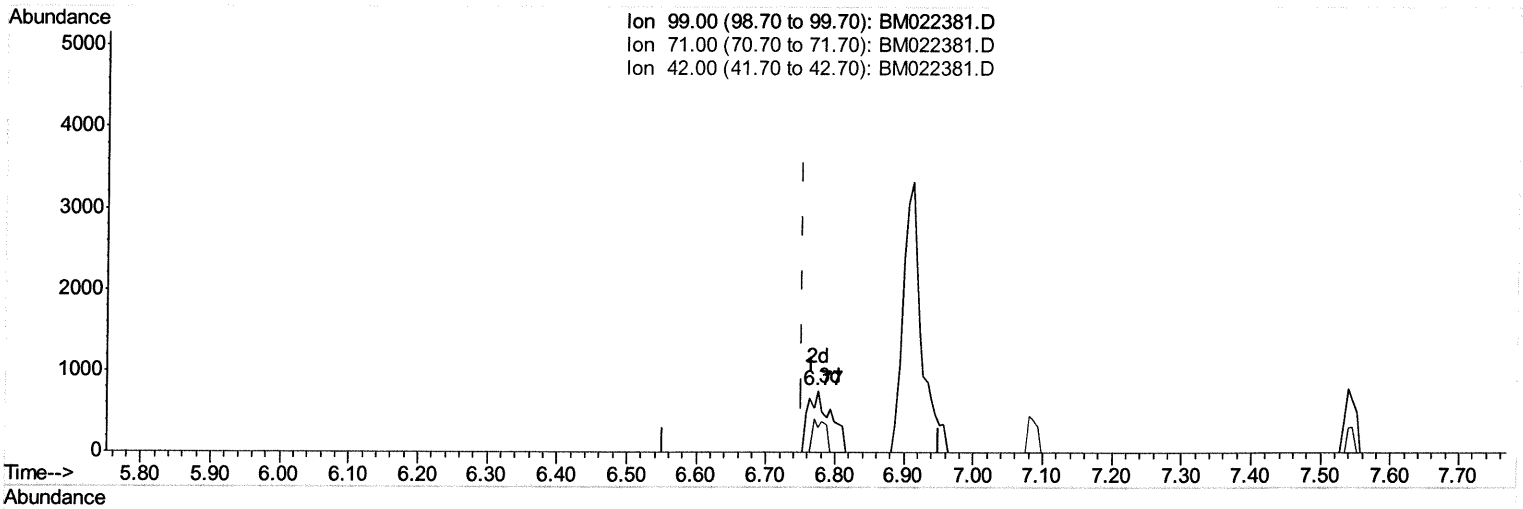
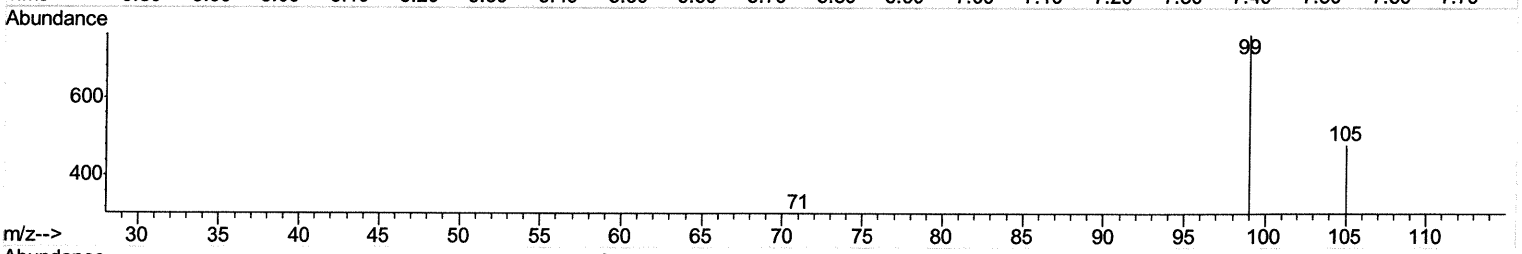
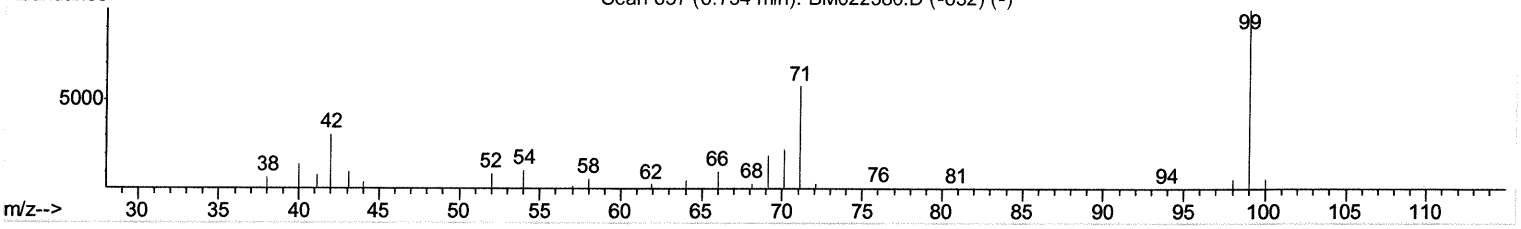
Manual Integrations APPROVED
mohammad
8/29/2019 7:52:08 AM





Scan 637 (6.734 min): BM022380.D (-632) (-)



TIC: BM022381.D

(5) Phenol-d5 (S)

6.775min (+0.024) 1.04ng/ul m JU 08/30/19

response 1746

Ion	Exp%	Act%
99.00	100	100
71.00	49.90	39.71#
42.00	29.60	0.00#
0.00	0.00	0.00

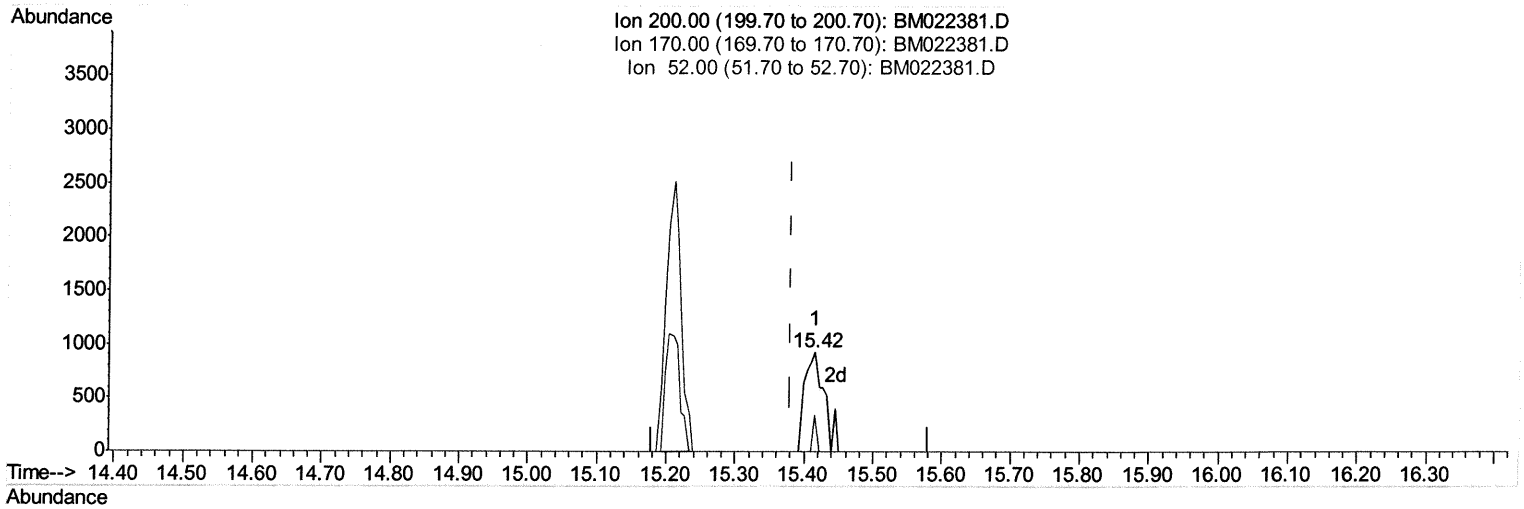
Quantitation Report (Qedit)

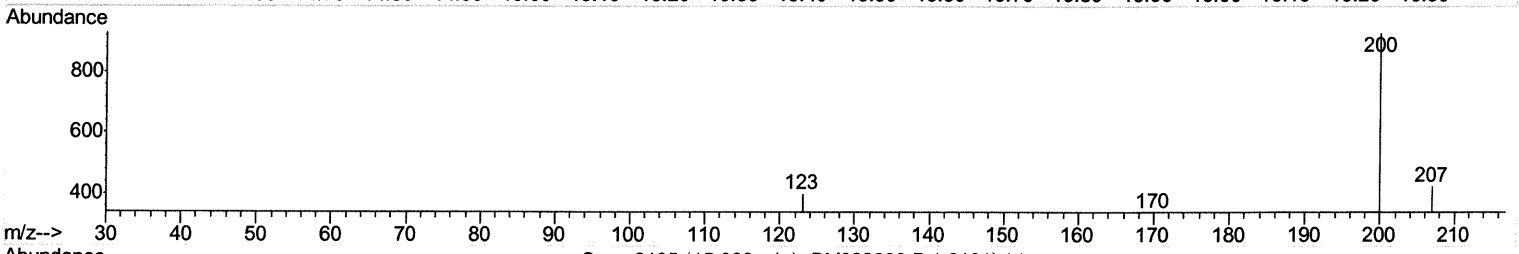
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022381.D
Acq On : 28 Aug 2019 10:32
Operator : HP/JU
Sample : K4414-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

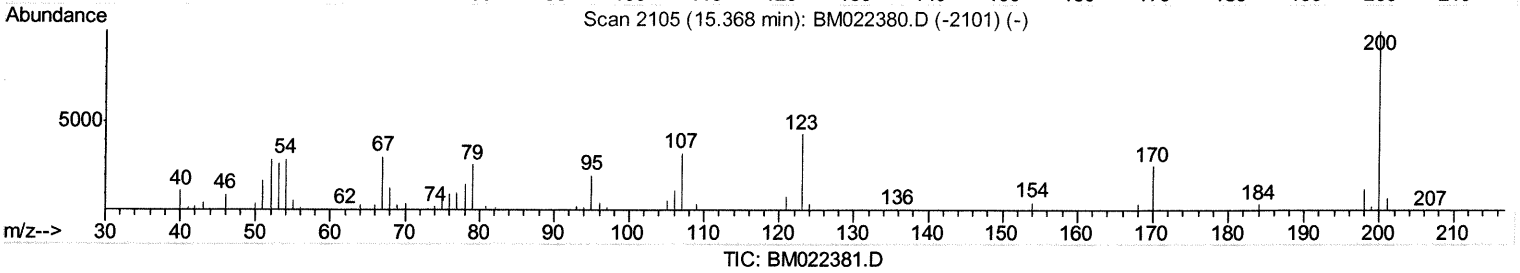
Quant Time: Aug 28 11:33:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 24 05:49:20 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ETJQ8DL

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:08 AM







TIC: BM022381.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.416min (+0.035) 1.13ng/ul

response 1317

Ion	Exp%	Act%
200.00	100	100
170.00	28.50	36.68#
52.00	38.60	0.00#
0.00	0.00	0.00

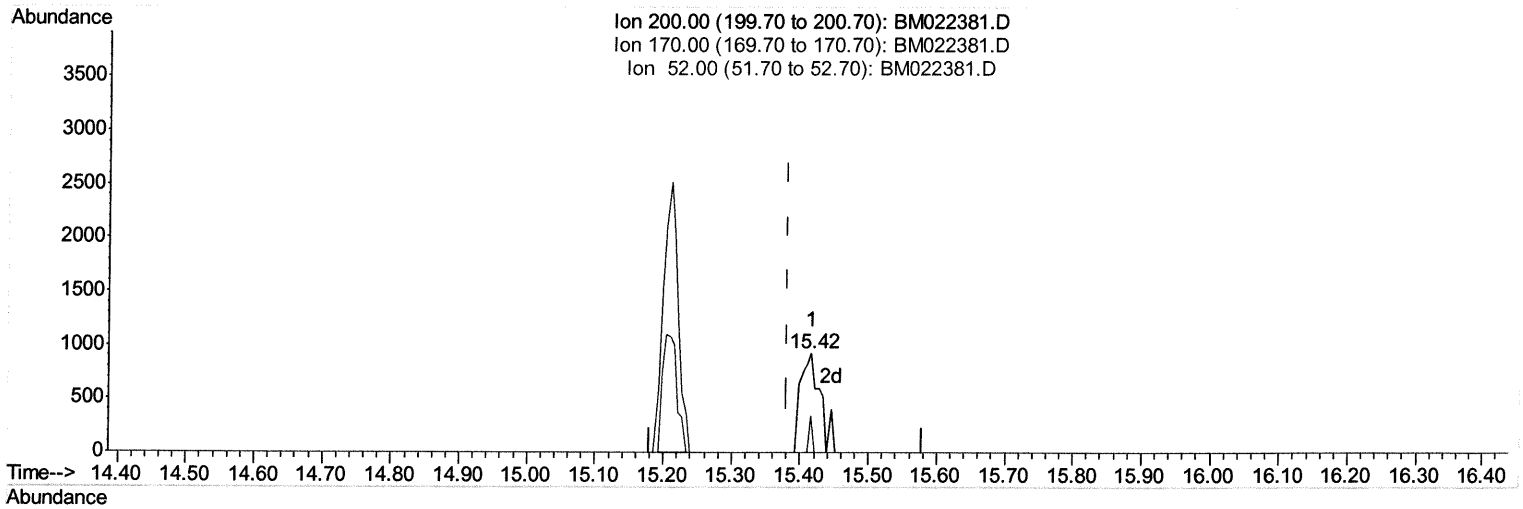
Quantitation Report (Qedit)

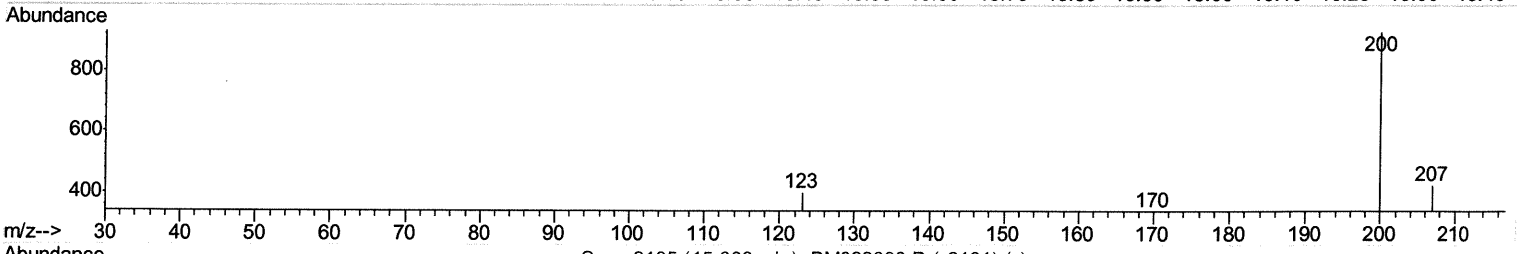
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022381.D
Acq On : 28 Aug 2019 10:32
Operator : HP/JU
Sample : K4414-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

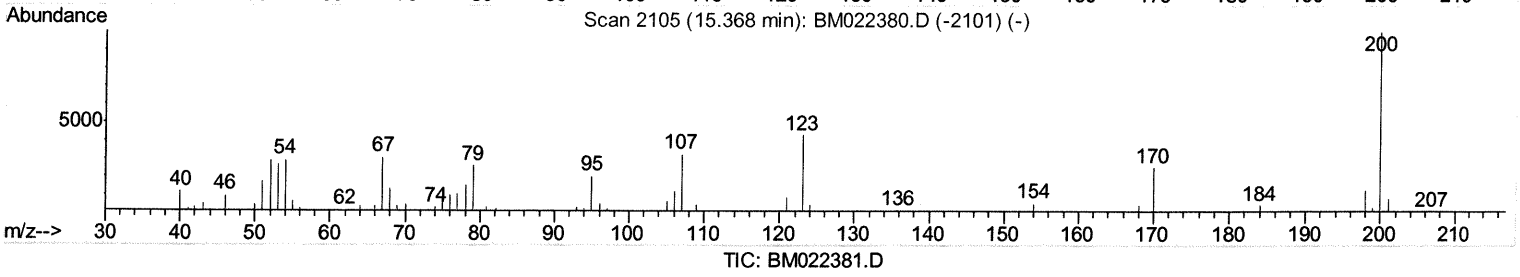
Quant Time: Aug 28 11:33:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 24 05:49:20 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ETJQ8DL

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:08 AM







TIC: BM022381.D

(62) 4,6-Dinitro-2-methylphenol-d2 (S)

15.416min (+0.035) 1.47ng/ul m JU 08/30/19

response 1711

Ion	Exp%	Act%
200.00	100	100
170.00	28.50	36.68#
52.00	38.60	0.00#
0.00	0.00	0.00

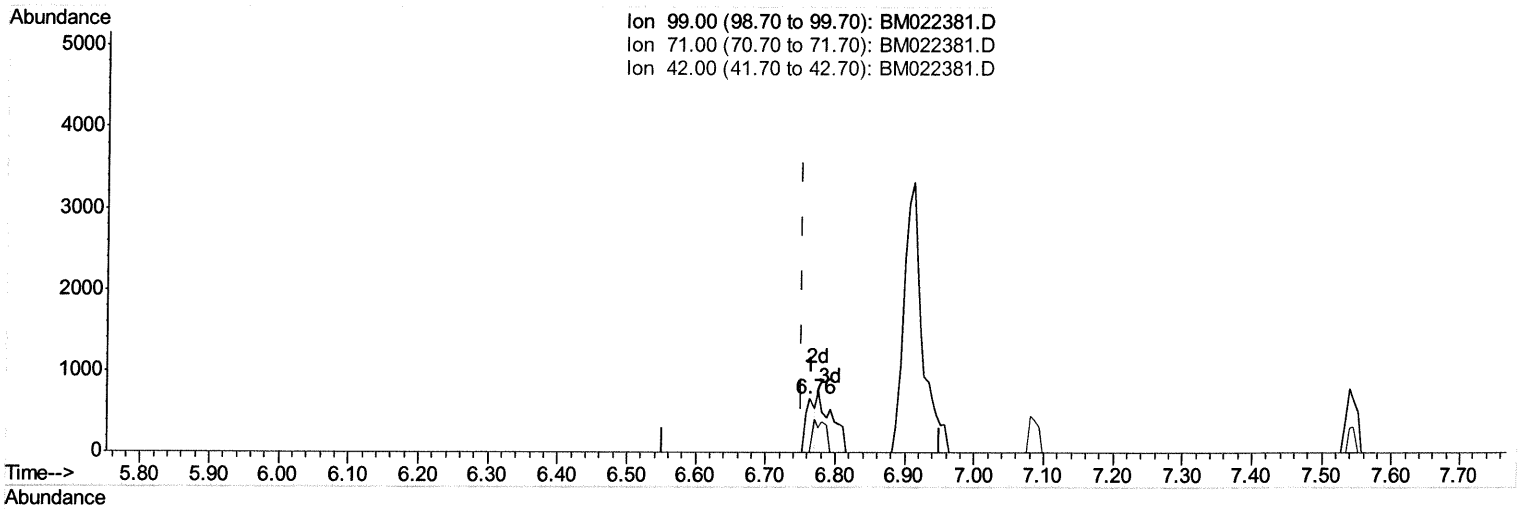
Quantitation Report (Qedit)

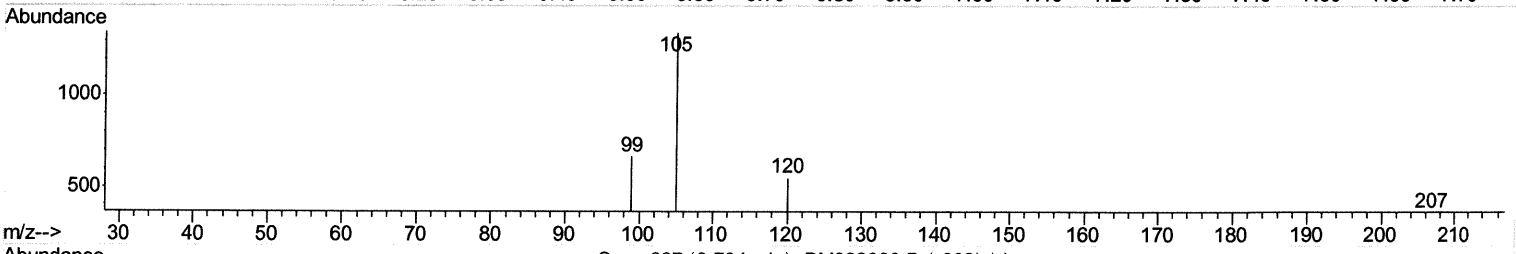
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022381.D
Acq On : 28 Aug 2019 10:32
Operator : HP/JU
Sample : K4414-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

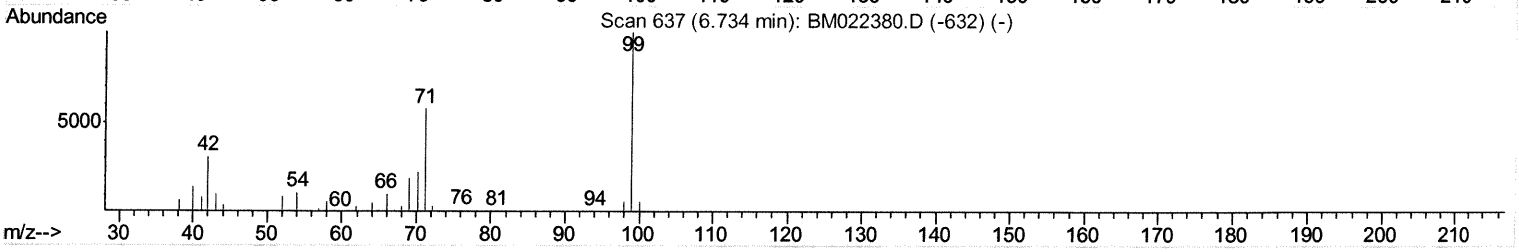
Quant Time: Aug 28 11:33:40 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 24 05:49:20 2019
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ETJQ8DL

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:08 AM







TIC: BM022381.D

(5) Phenol-d5 (S)

6.763min (+0.012) 0.36ng/ul

response 598

Ion	Exp%	Act%
99.00	100	100
71.00	49.90	0.00#
42.00	29.60	0.00#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082819\
Data File : BM022381.D
Acq On : 28 Aug 2019 10:32
Operator : HP/JU
Sample : K4414-04DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ETJQ8DL

Manual Integrations APPROVED
mohammad
8/29/2019 7:52:08 AM

Quant Time: Aug 28 13:41:25 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM082219MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Aug 24 05:49:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.54	152	19505	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.31	136	89250	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.20	164	64260	20.00	ng/ul	-0.01
61) Phenanthrene-d10	16.96	188	151092	20.00	ng/ul	-0.01
77) Chrysene-d12	21.18	240	141571	20.00	ng/ul	0.00
85) Perylene-d12	23.37	264	142943	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	6.77	99	1746m →	1.04	ng/ul →	0.02 JU 08/30/19
7) Bis-(2-Chloroethyl)ether-d	6.91	67	5086	5.19	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	6300	4.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.29	113	3006	2.06	ng/ul	0.01
19) Nitrobenzene-d5	8.73	128	3216	4.83	ng/ul	0.00
22) 2-Nitrophenol-d4	9.43	143	3518	4.54	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.00	165	6819	4.32	ng/ul	0.03
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
43) Dimethylphthalate-d6	13.63	166	34759	6.14	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	36080	5.92	ng/ul	-0.01
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.21	176	30257	6.45	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.42	200	1711m →	1.47	ng/ul →	0.04 JU 08/30/19
70) Anthracene-d10	17.07	188	49948	6.24	ng/ul	0.00
78) Pyrene-d10	19.37	212	64565	8.78	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.23	264	51204	6.52	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.36	128	244101	49.560	ng/ul	100
47) Acenaphthylene	13.92	152	27396	4.334	ng/ul	98
69) Phenanthrene	17.00	178	11797	1.305	ng/ul	97
79) Pyrene	19.40	202	16875	1.842	ng/ul#	93

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