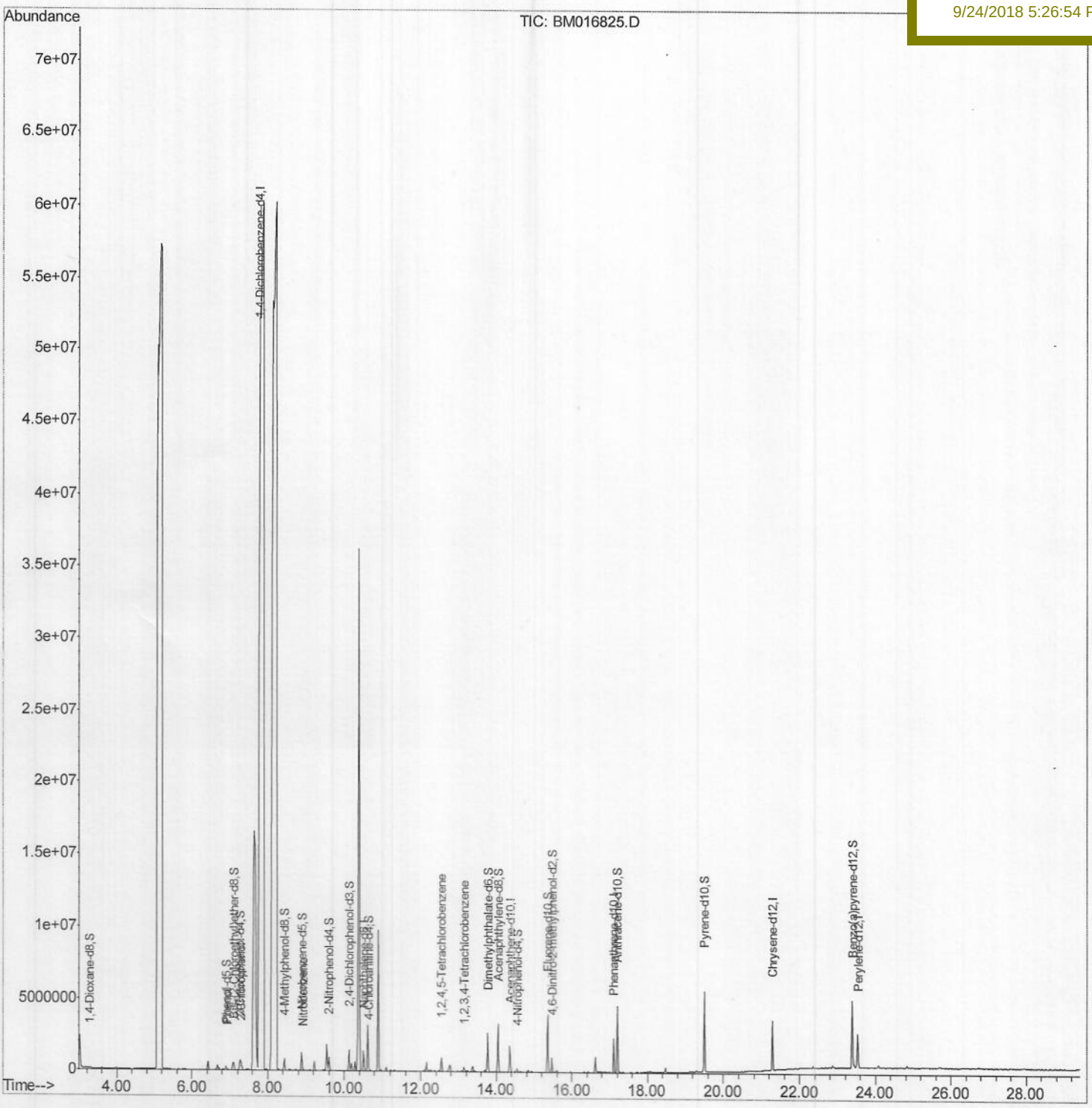
Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 24 11:40:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 22 01:08:22 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C08N4

Manual Integrations APPROVED
Sohil
9/24/2018 5:26:54 PM



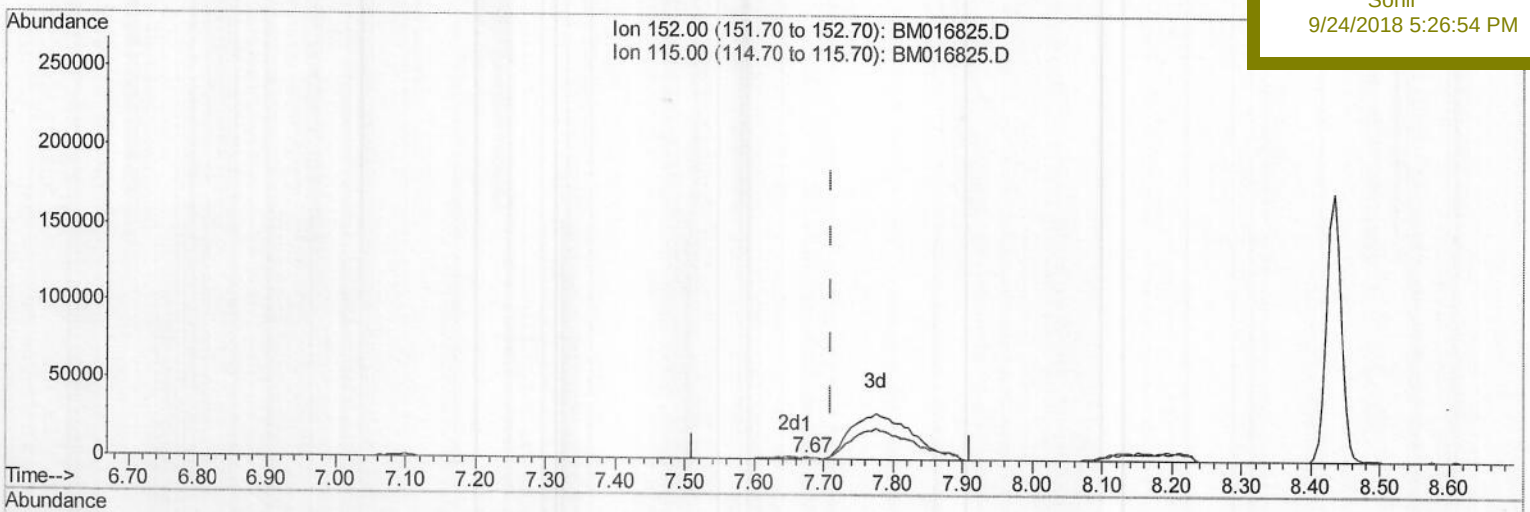
Quantitation Report (Qedit)

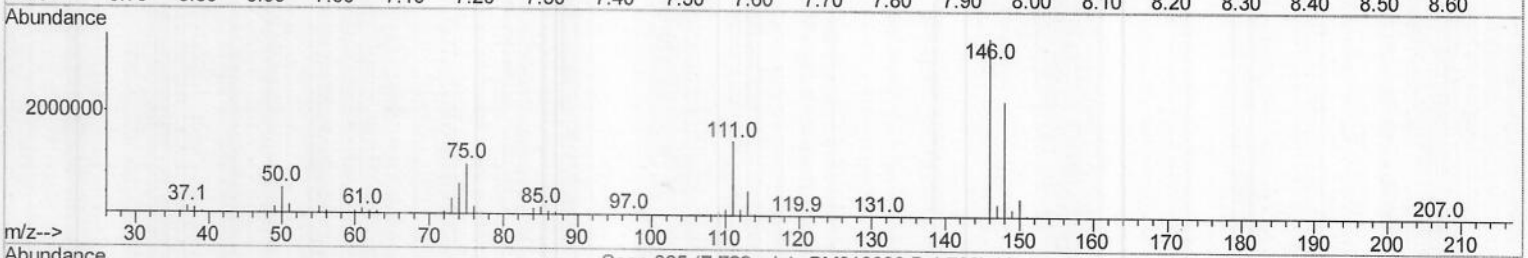
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

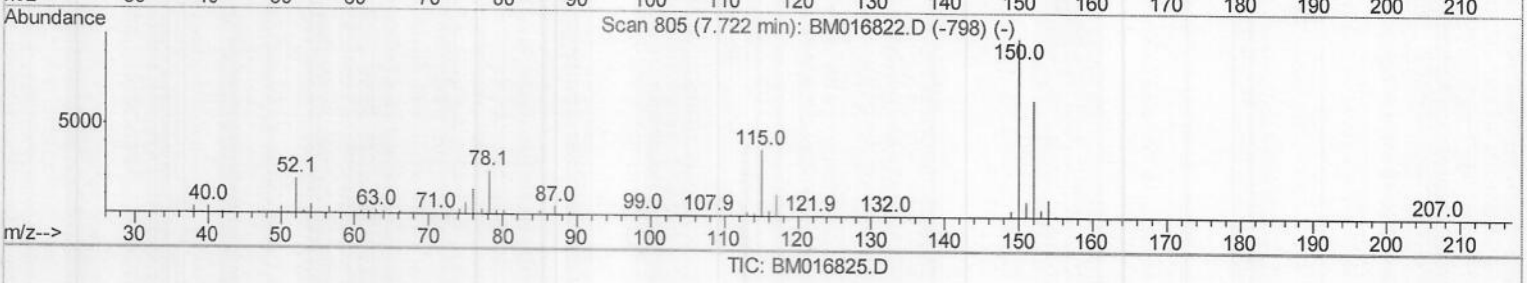
Quant Time: Oct 04 11:51:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 11:49:08 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C08N4

Manual Integrations APPROVED
Sohil
9/24/2018 5:26:54 PM







(1) 1,4-Dichlorobenzene-d4 (I)

7.675min (-0.036) 20.00ng/ul

response 708

Ion	Exp%	Act%
152.00	100	100
115.00	51.40	135.87#
0.00	0.00	0.00
0.00	0.00	0.00

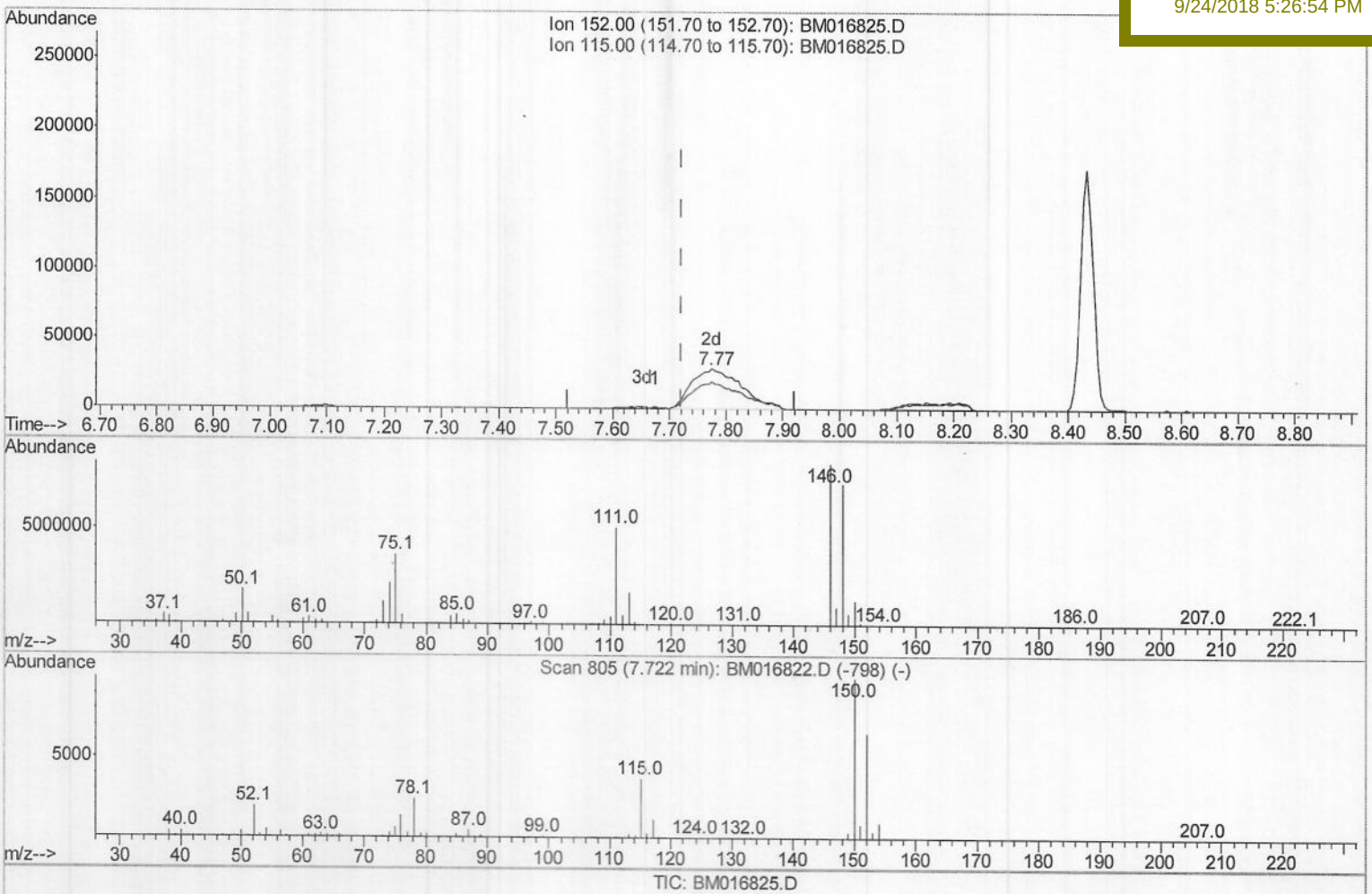
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 24 11:40:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 22 01:08:22 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C08N4

Manual Integrations APPROVED
Sohil
9/24/2018 5:26:54 PM



(1) 1,4-Dichlorobenzene-d4 (I)

7.775min (+0.053) 20.00ng/ul m

response 177333

Ion	Exp%	Act%
152.00	100	100
115.00	51.40	68.98#
0.00	0.00	0.00
0.00	0.00	0.00

SJ 09/22/18

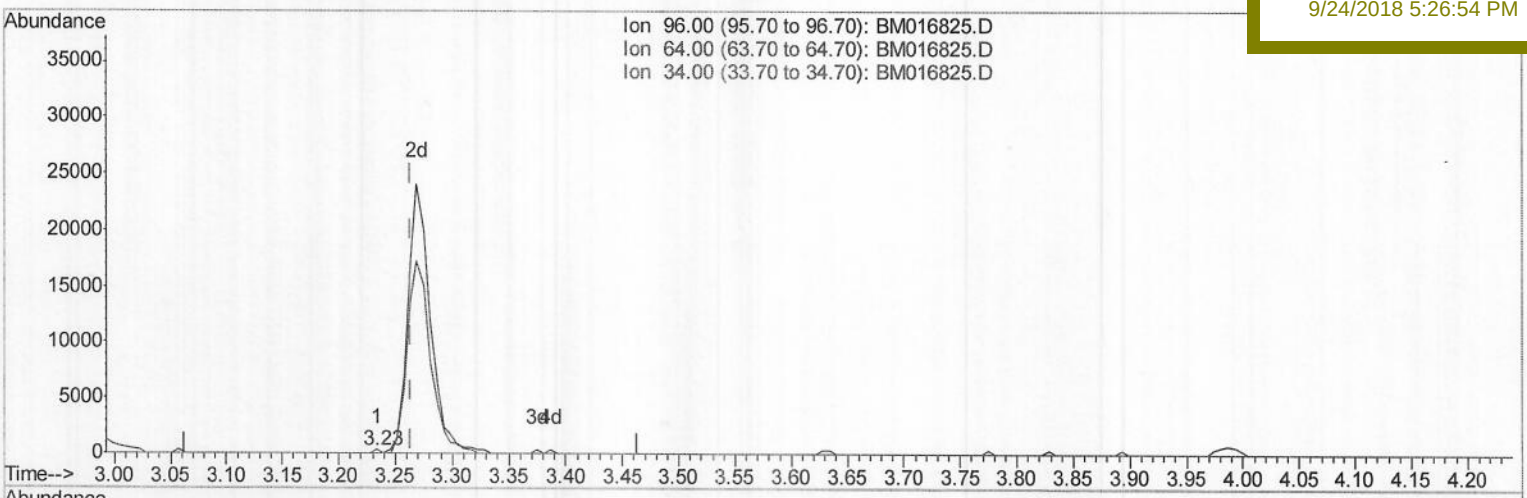
Quantitation Report (Qedit)

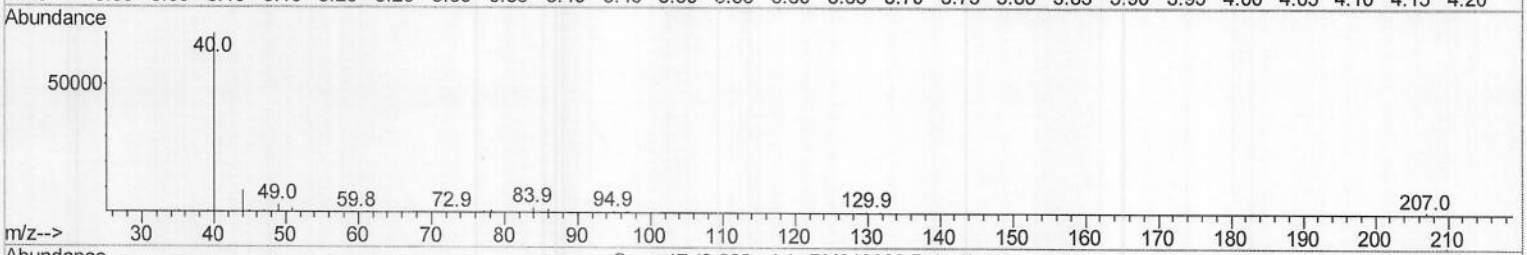
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

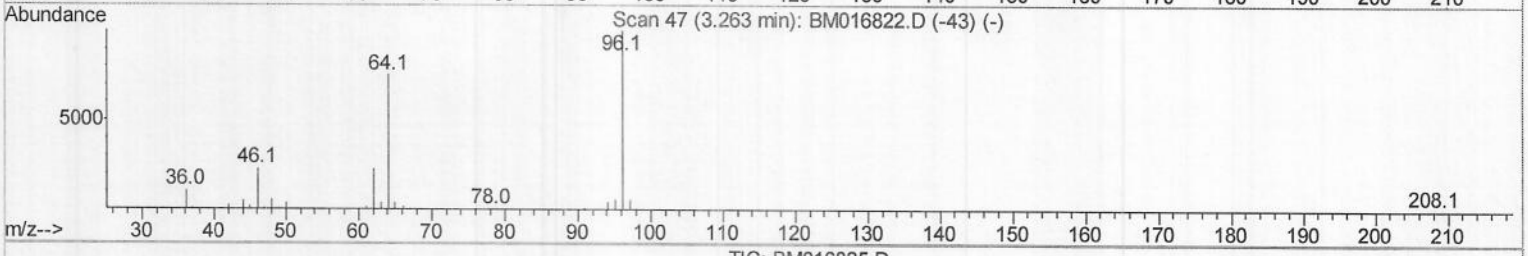
Quant Time: Oct 04 11:51:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 11:49:08 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C08N4

Manual Integrations APPROVED
Sohil
9/24/2018 5:26:54 PM







TIC: BM016825.D

(3) 1,4-Dioxane-d8 (S)

3.234min (-0.030) 6.95ng/uL

response 115

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	0.00#
34.00	0.00	0.00
0.00	0.00	0.00

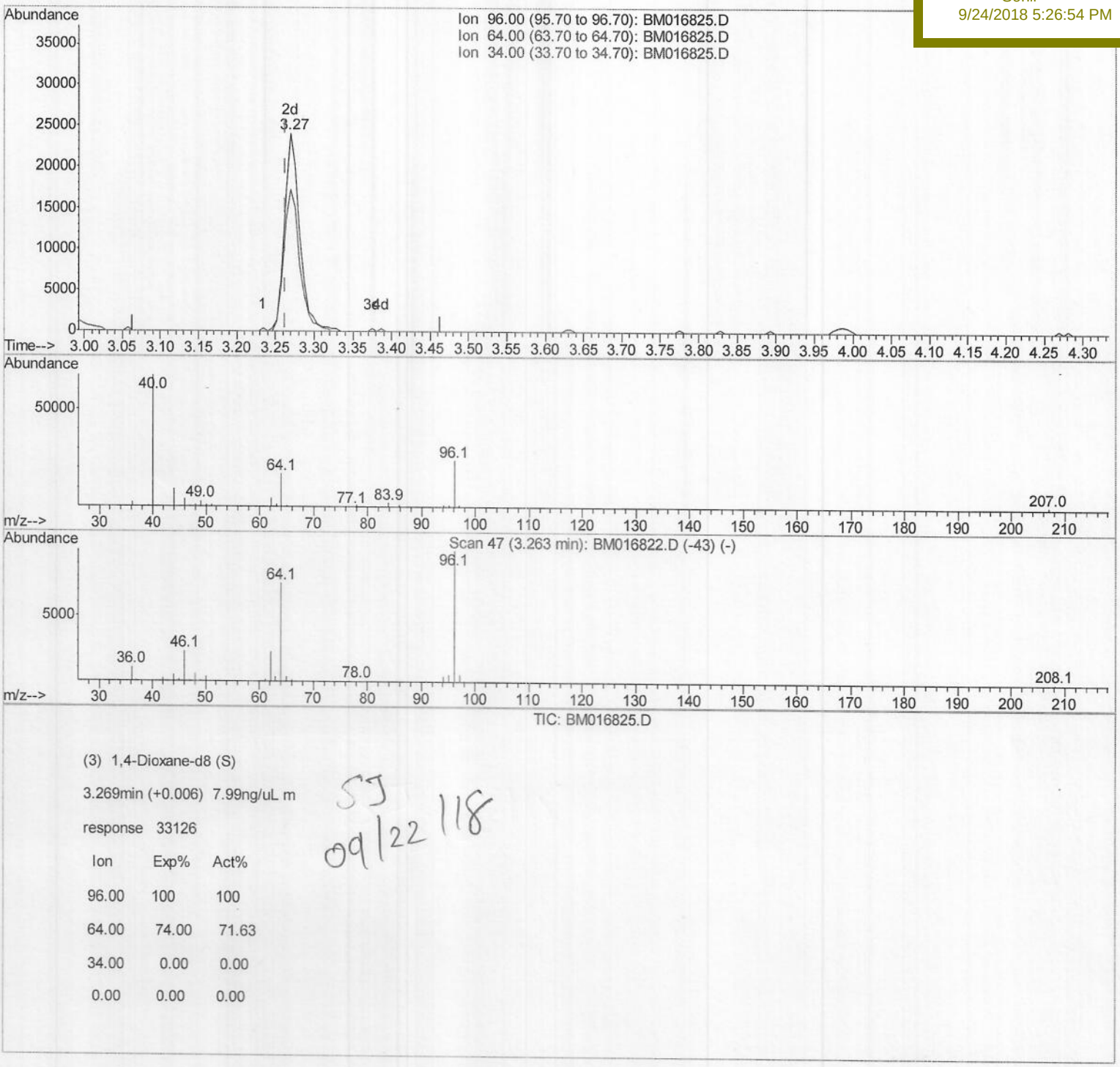
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 24 11:40:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 22 01:08:22 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C08N4

Manual Integrations APPROVED
Sohil
9/24/2018 5:26:54 PM



TIC: BM016825.D

(3) 1,4-Dioxane-d8 (S)

3.269min (+0.006) 7.99ng/uL m

response 33126

Ion	Exp%	Act%
96.00	100	100
64.00	74.00	71.63
34.00	0.00	0.00
0.00	0.00	0.00

SJ
09/22 18

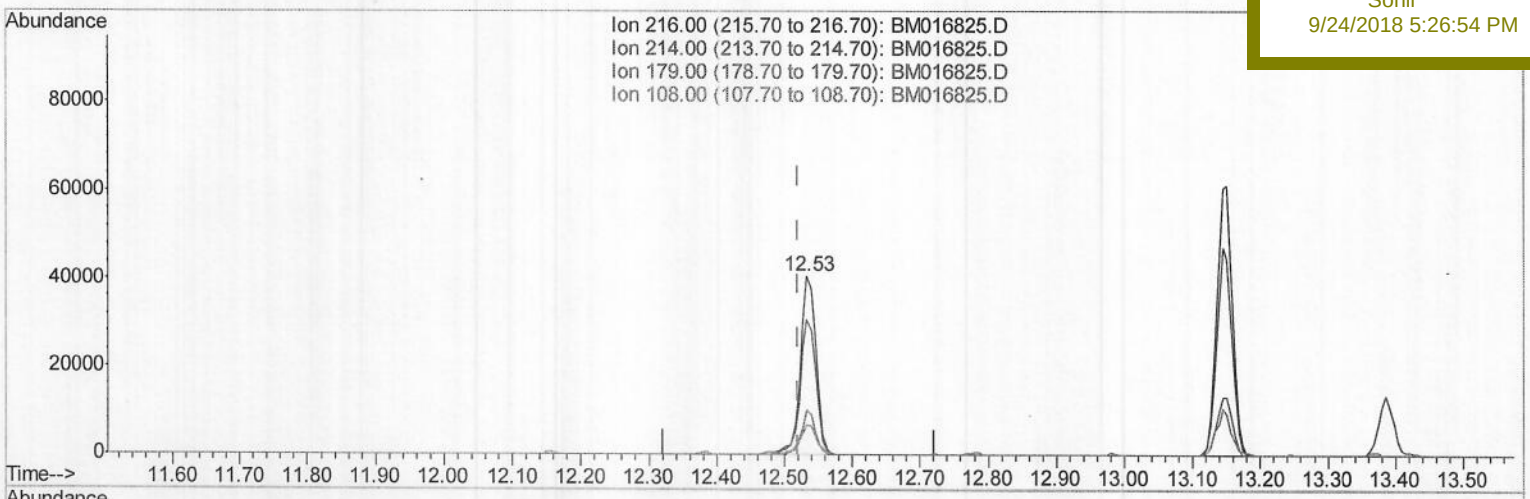
Quantitation Report (Qedit)

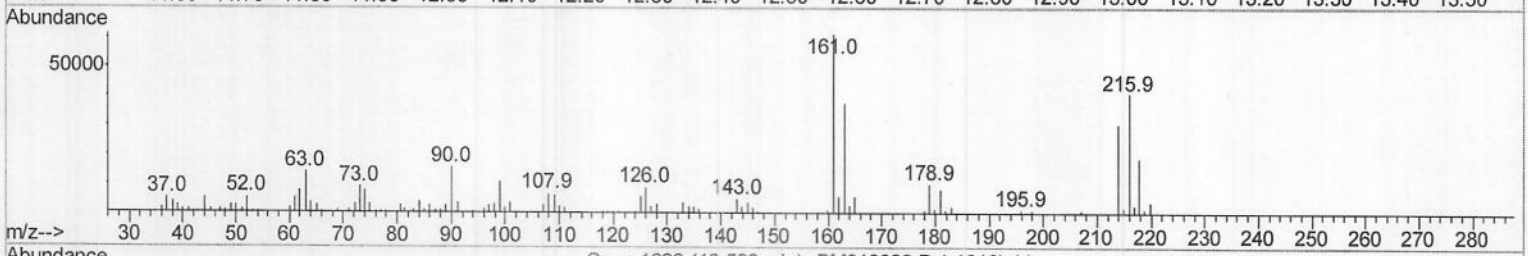
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

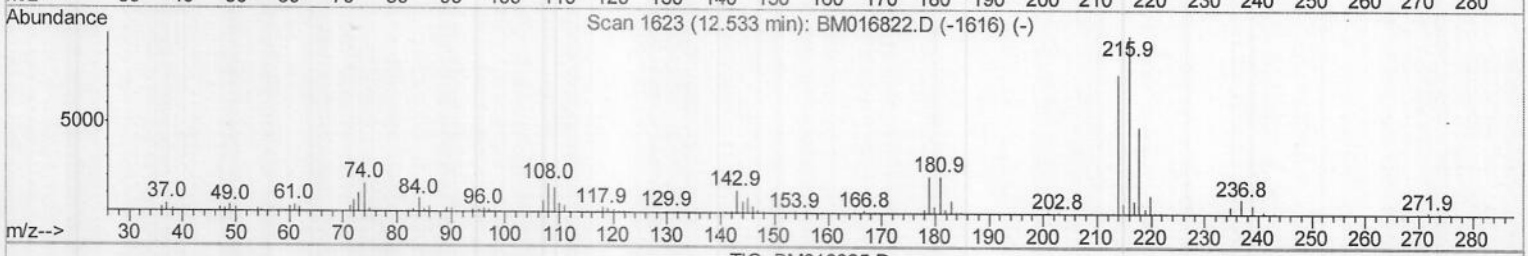
Quant Time: Oct 04 11:51:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 04 11:49:08 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C08N4

Manual Integrations APPROVED
Sohil
9/24/2018 5:26:54 PM







TIC: BM016825.D

(37) 1,2,4,5-Tetrachlorobenzene

12.533min (+0.011) 3.14ng/ul

response 63090

Ion	Exp%	Act%
216.00	100	100
214.00	80.10	74.97
179.00	18.10	24.39#
108.00	13.00	16.58#

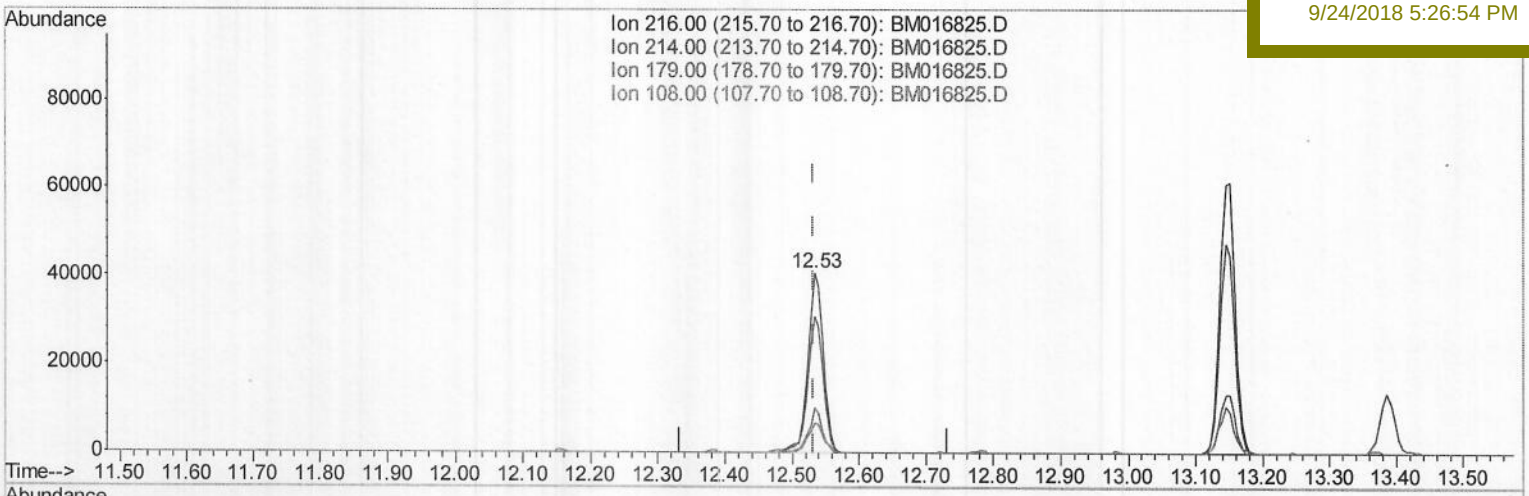
Quantitation Report (Qedit)

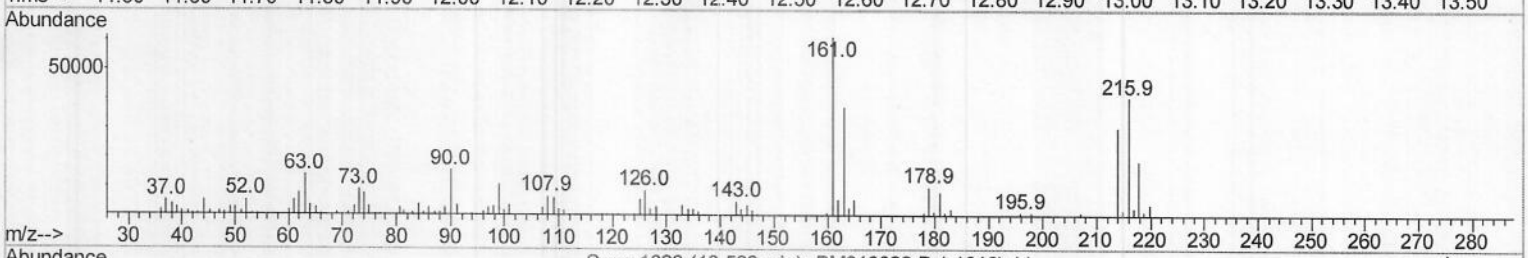
Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

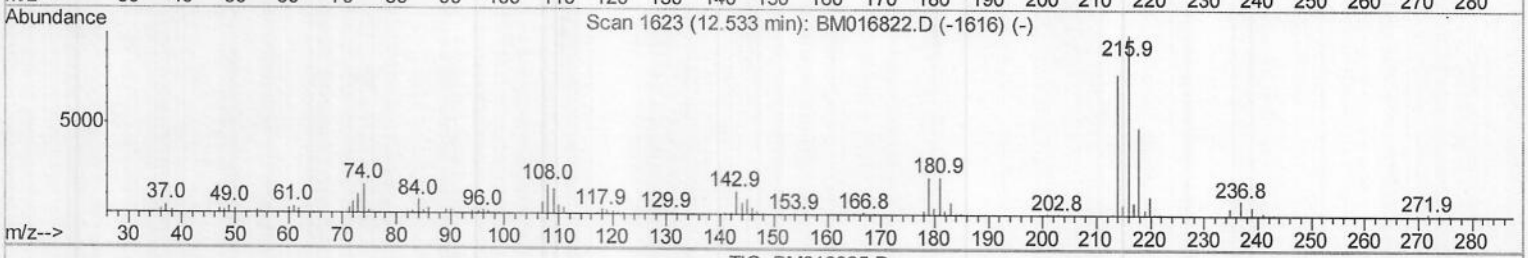
Quant Time: Sep 24 11:40:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 22 01:08:22 2018
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
C08N4

Manual Integrations APPROVED
Sohil
9/24/2018 5:26:54 PM







TIC: BM016825.D

(37) 1,2,4,5-Tetrachlorobenzene

12.533min (-0.000) 3.21ng/ul m

response 64651

SJ 09/22/18

Ion	Exp%	Act%
216.00	100	100
214.00	80.10	74.97
179.00	18.10	24.39#
108.00	13.00	16.58#

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA M\Data\BM092118\
Data File : BM016825.D
Acq On : 21 Sep 2018 10:54
Operator : SJ/JU
Sample : J5012-11
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 24 11:40:20 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Sep 22 01:08:22 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.77	152	177333m	20.00	ng/ul	0.05
18) Naphthalene-d8	10.51	136	1072083	20.00	ng/ul	0.01
36) Acenaphthene-d10	14.36	164	585958	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1334168	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1557620	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1658095	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.27	96	33126m	7.99	ng/uL	0.00
5) Phenol-d5	6.90	99	131638	8.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.09	67	431621	46.60	ng/ul	0.03
9) 2-Chlorophenol-d4	7.27	132	470087	38.51	ng/ul	0.01
13) 4-Methylphenol-d8	8.43	113	281394	24.31	ng/ul	0.01
19) Nitrobenzene-d5	8.89	128	307630	43.67	ng/ul	0.02
22) 2-Nitrophenol-d4	9.60	143	300747	46.96	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.13	165	548549	33.71	ng/ul	0.00
29) 4-Chloroaniline-d4	10.65	131	43889	2.23	ng/ul	0.01
44) Dimethylphthalate-d6	13.77	166	1767682	37.57	ng/ul	0.00
47) Acenaphthylene-d8	14.05	160	2308029	37.98	ng/ul	0.00
52) 4-Nitrophenol-d4	14.55	143	48277	6.25	ng/ul	0.00
58) Fluorene-d10	15.36	176	1615707	39.35	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	204979	37.43	ng/ul	0.00
71) Anthracene-d10	17.20	188	2490826	38.70	ng/ul	0.00
79) Pyrene-d10	19.50	212	2876821	38.06	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	3395508	39.26	ng/ul	0.00
Target Compounds						Qvalue
6) Phenol	6.92	94	43915	2.941	ng/ul	97
10) 2-Chlorophenol	7.30	128	172252	14.049	ng/ul	96
20) Nitrobenzene	8.93	77	25032	1.405	ng/ul#	85
37) 1,2,4,5-Tetrachlorobenzene	12.53	216	64651m	3.213	ng/ul	
73) 1,2,3,4-Tetrachlorobenzene	13.15	216	95857	4.341	ng/uL	94

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

Instrument :
BNA_M
ClientSampleId :
C08N4

Manual Integrations APPROVED
Sohil
9/24/2018 5:26:54 PM

SJ 09122118