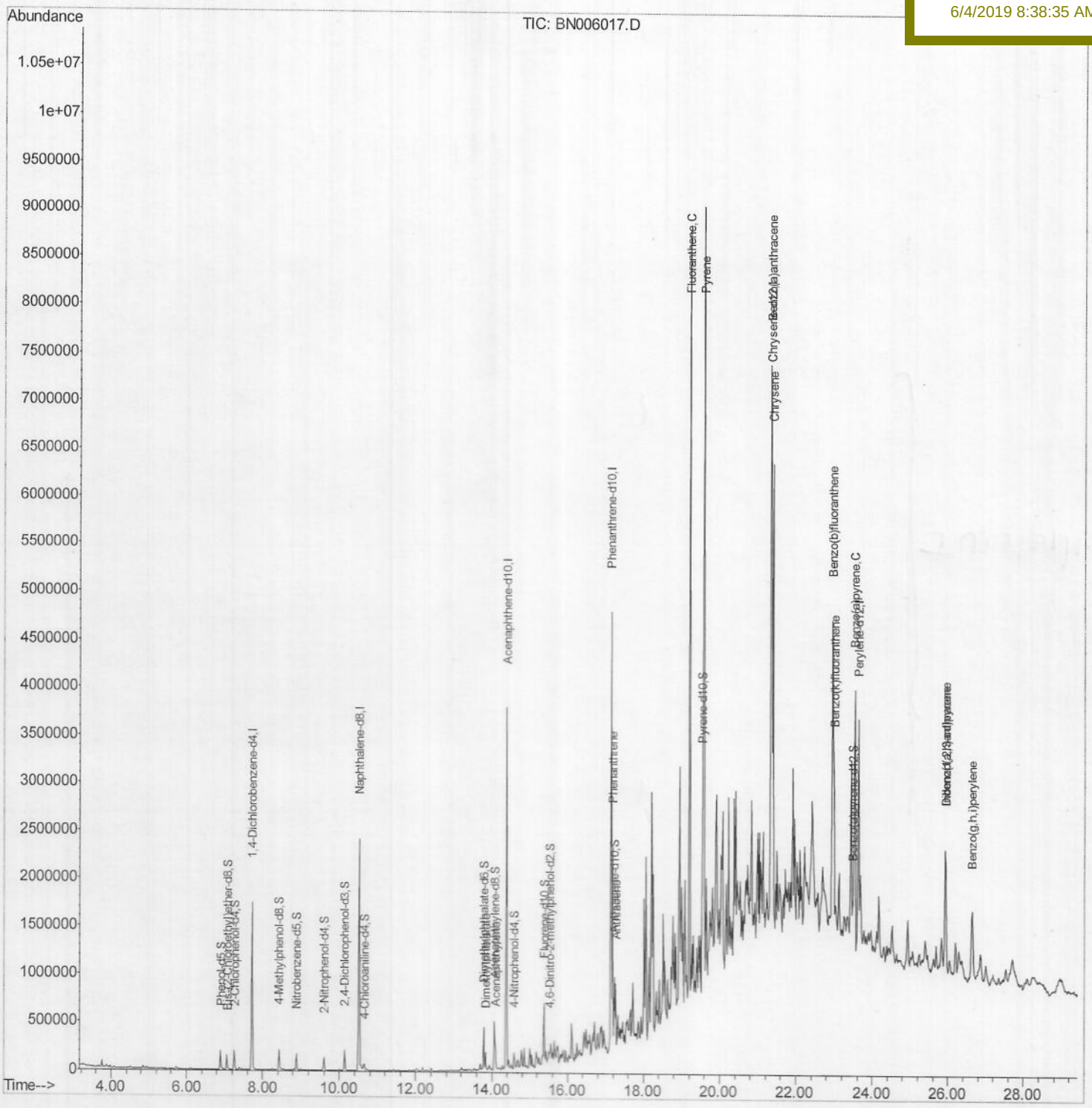
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 03 02:25:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42C8DL

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:35 AM



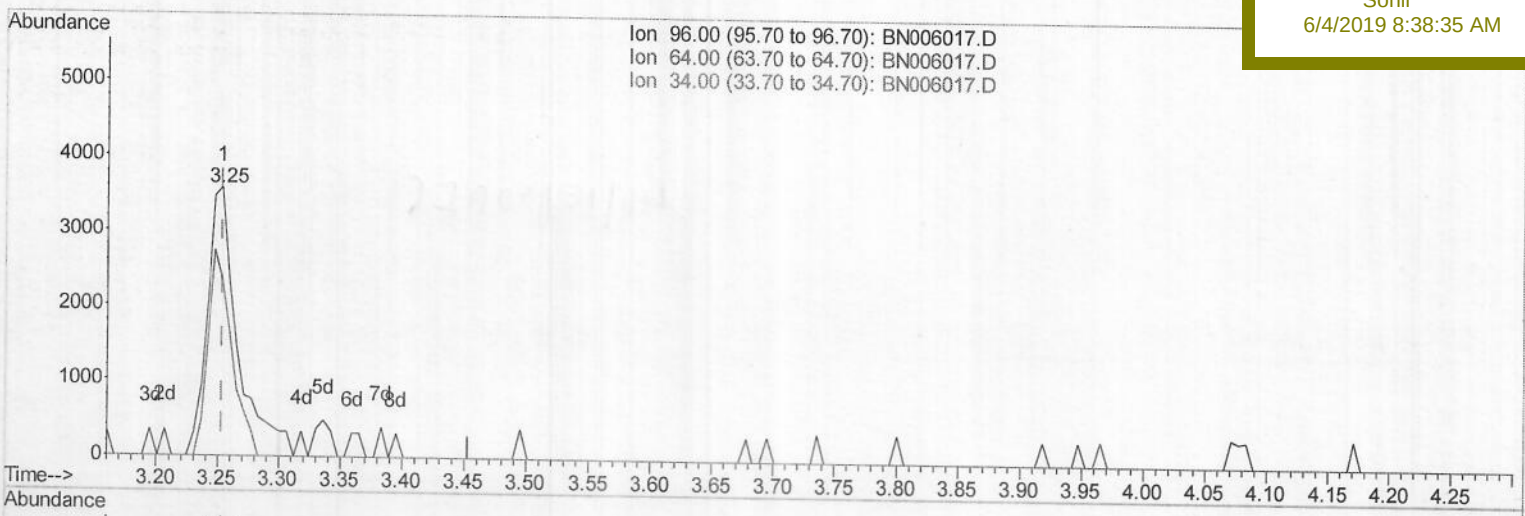
Quantitation Report (Qedit)

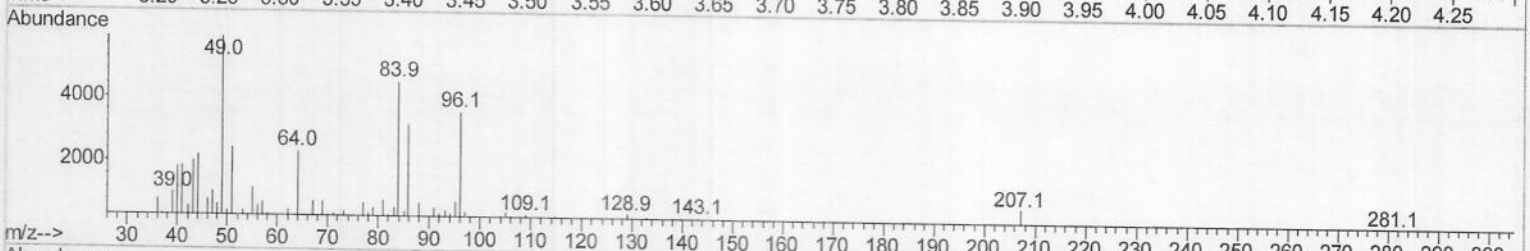
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

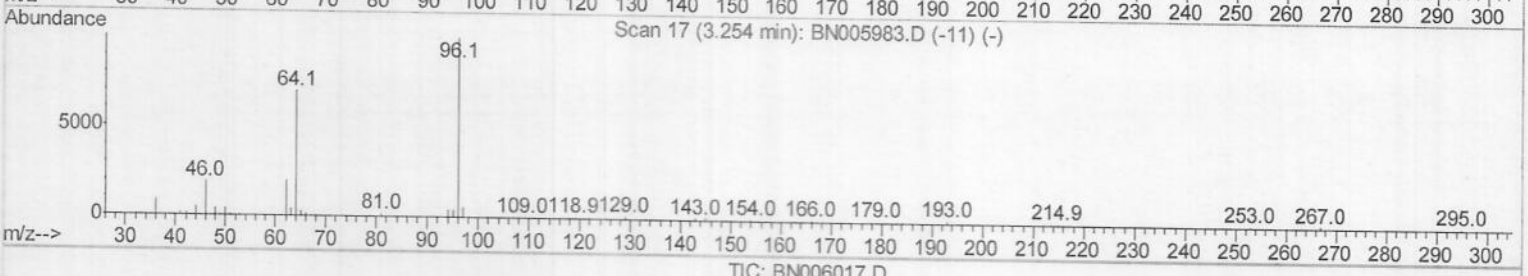
Quant Time: Jun 03 01:07:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42C8DL

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:35 AM







TIC: BN006017.D

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

3.254min (-0.000) 0.59ng/uL

response 6134

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	65.12
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 03 01:07:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
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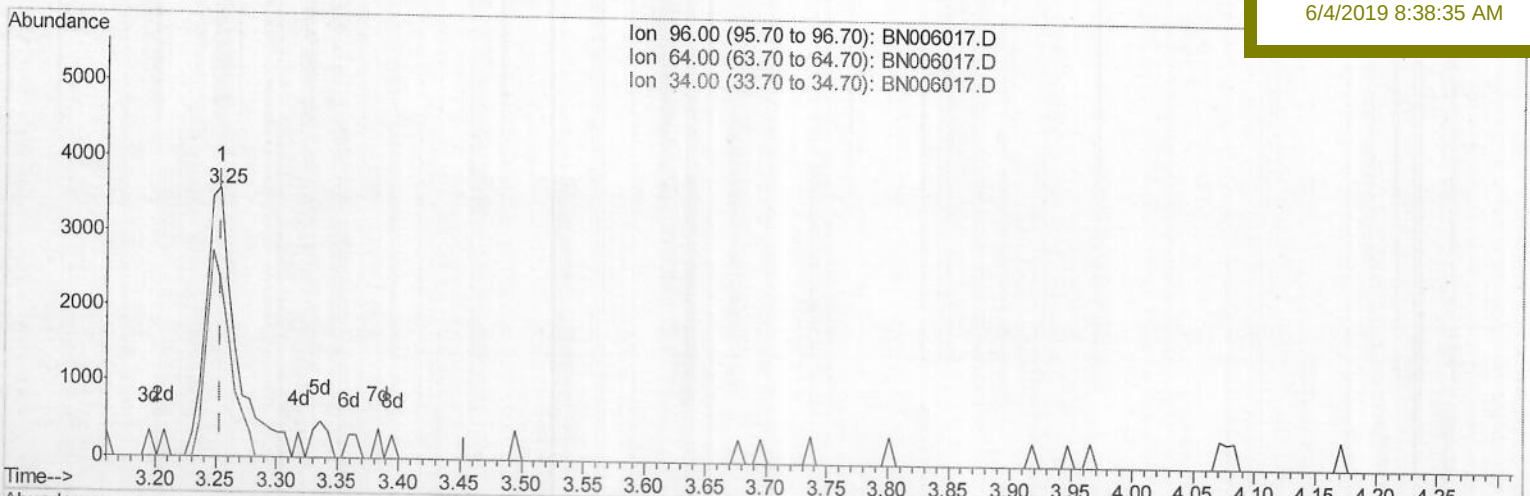
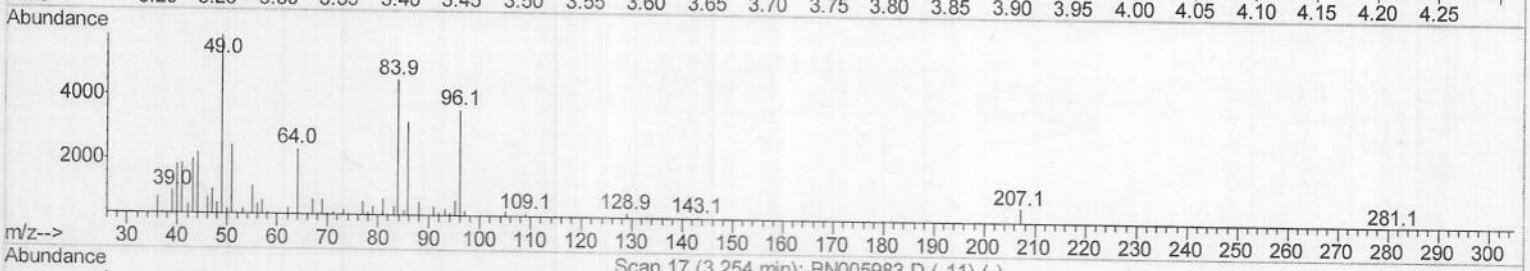
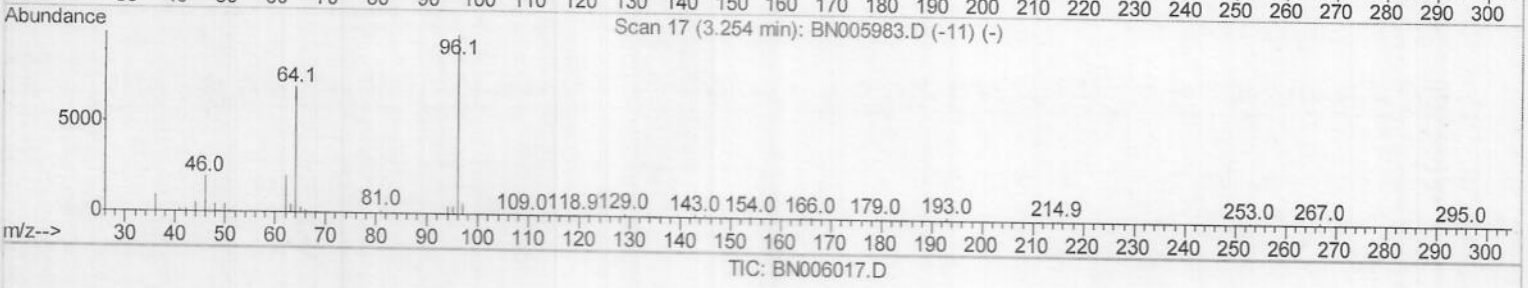
Instrument :
BNA_N
ClientSampleId :
A42C8DL

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:35 AM







TIC: BN006017.D

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

3.254min (-0.000) 0.60ng/uL m) JU06/05/19

response 6250

Ion	Exp%	Act%
96.00	100	100
64.00	77.40	65.12
34.00	0.00	0.00
0.00	0.00	0.00

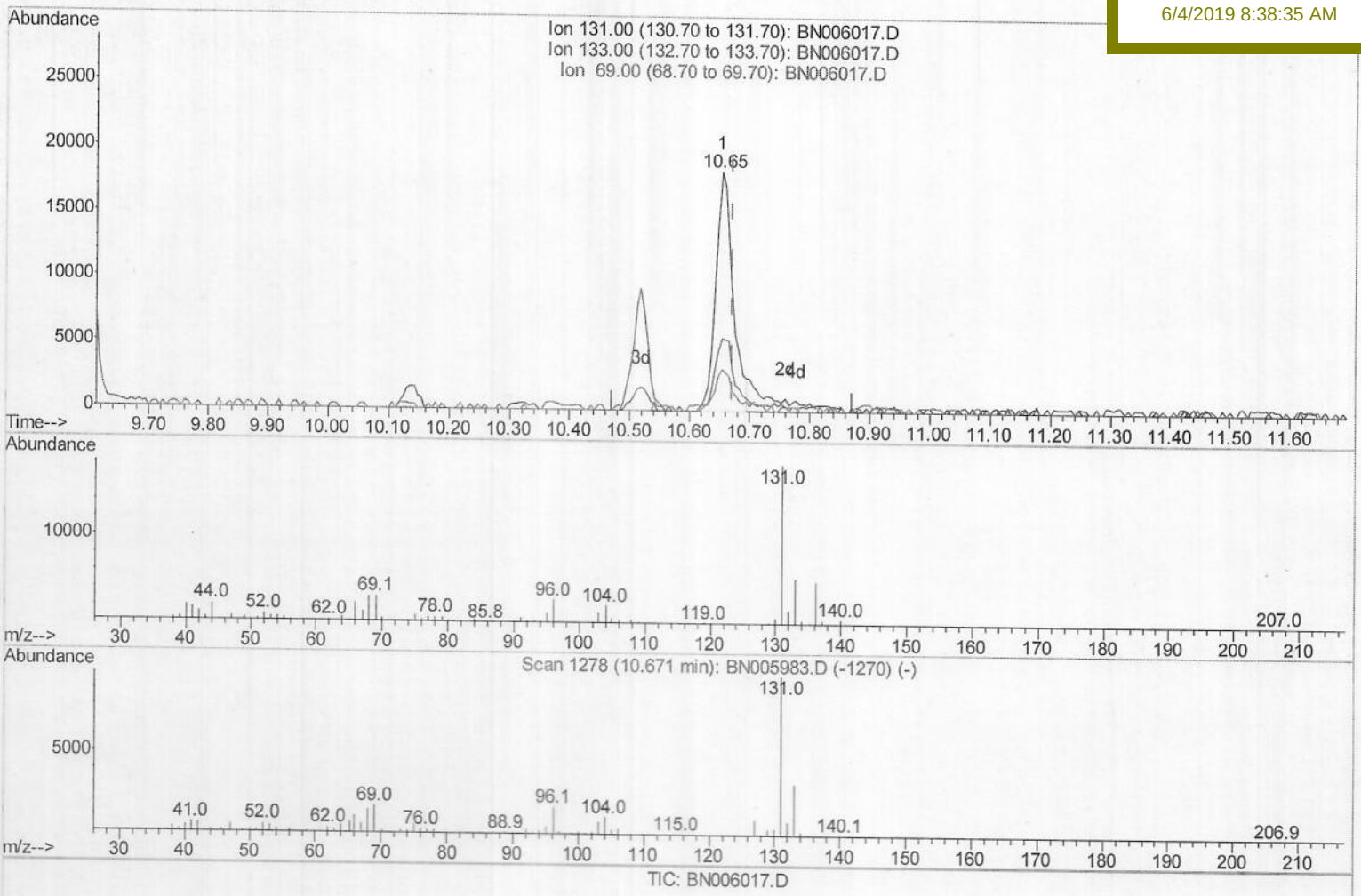
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 03 01:07:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42C8DL

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:35 AM



(29) 4-Chloroaniline-d4 (S)

10.653min (-0.018) 0.97ng/ul

response 36125

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	30.03
69.00	18.90	17.36
0.00	0.00	0.00

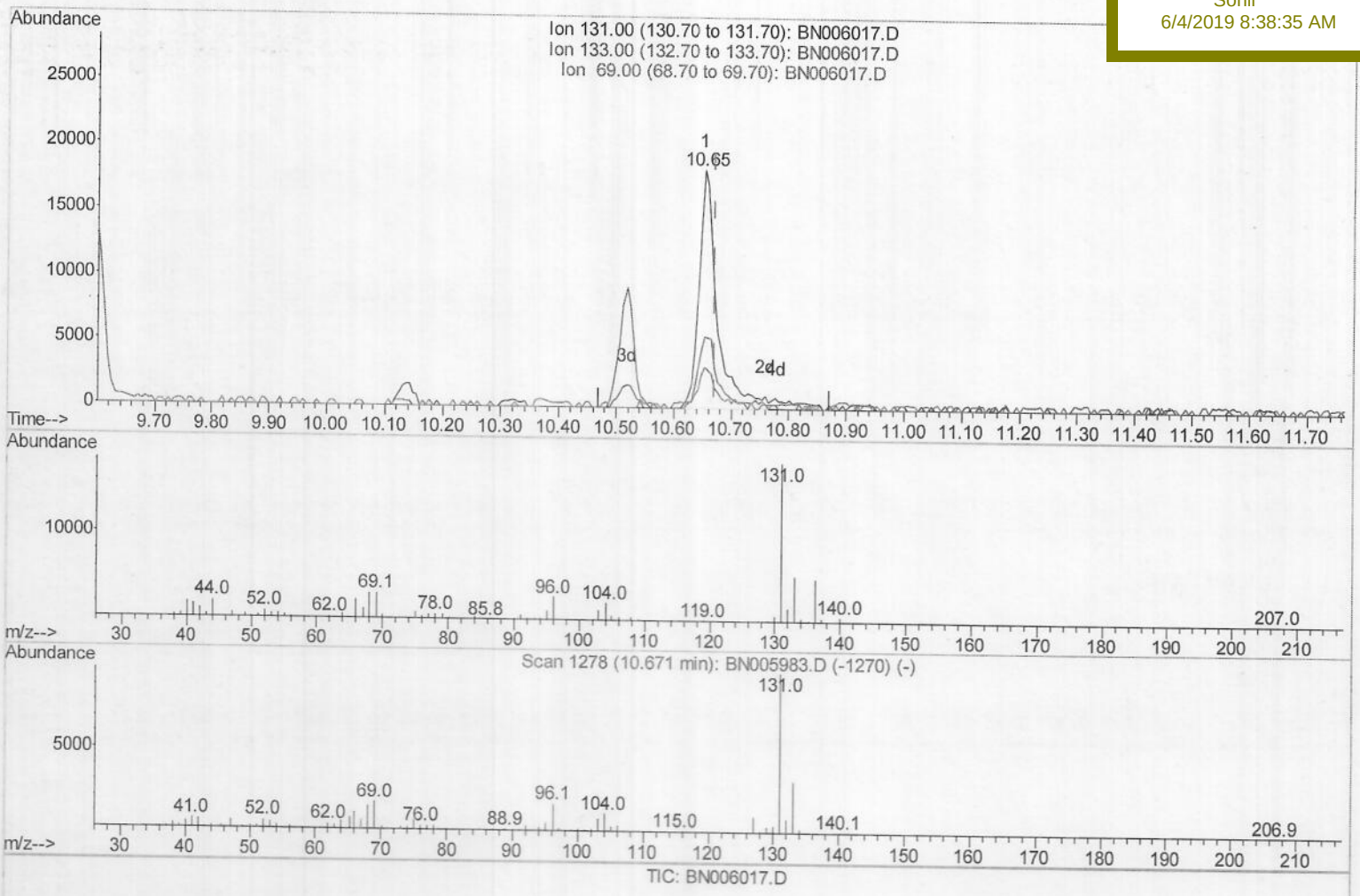
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 03 01:07:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42C8DL

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:35 AM



TIC: BN006017.D

(29) 4-Chloroaniline-d4 (S)

10.653min (-0.018) 1.11ng/ul m JJU06/05/19

response 41185

Ion	Exp%	Act%
131.00	100	100
133.00	33.60	30.03
69.00	18.90	17.36
0.00	0.00	0.00

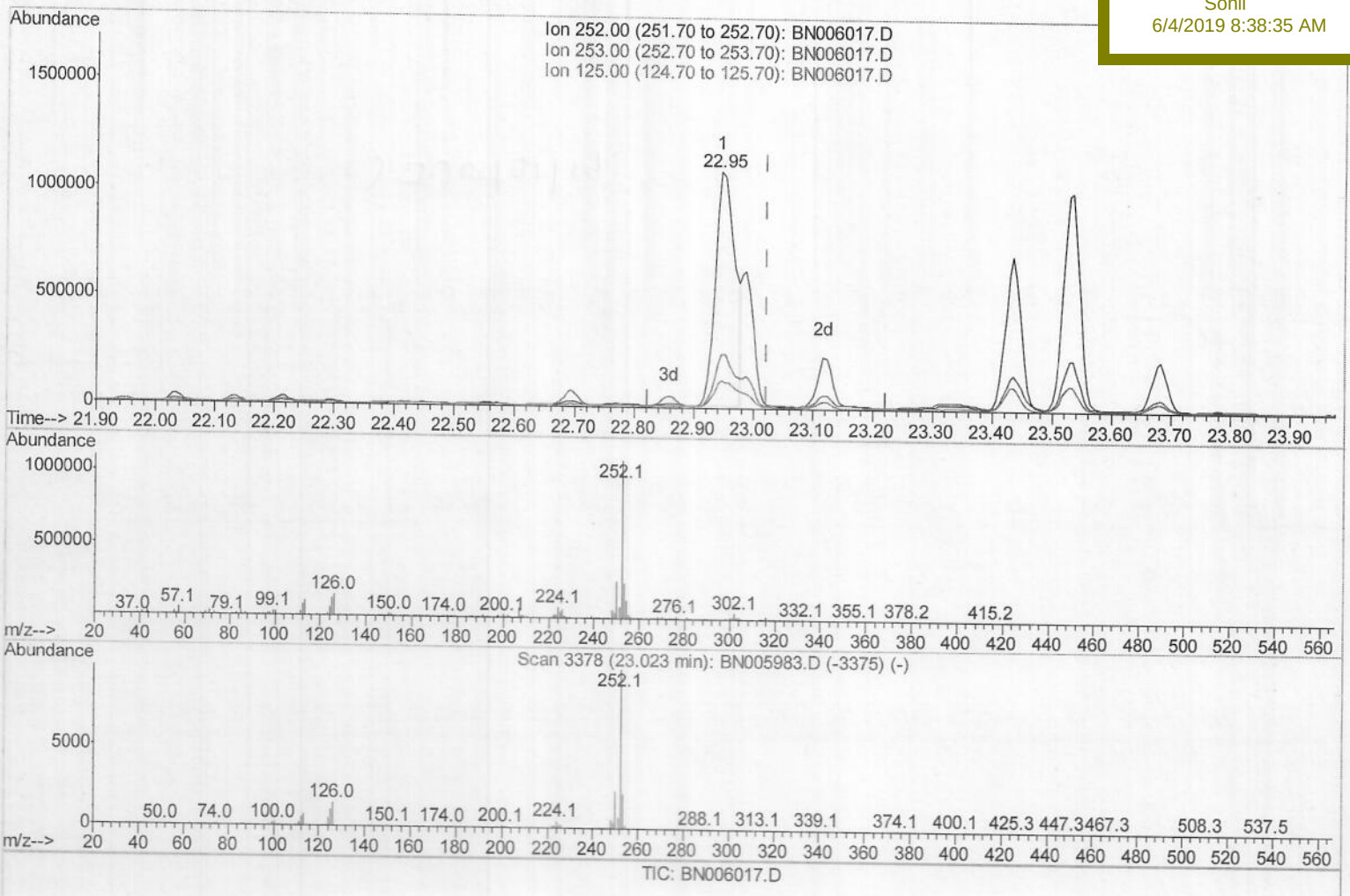
Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Jun 03 01:07:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42C8DL

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:35 AM



TIC: BN006017.D

(88) Benzo(k)fluoranthene

22.947min (-0.077) 26.36ng/ul

response 2448999

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	22.85
125.00	9.40	11.70#
0.00	0.00	0.00

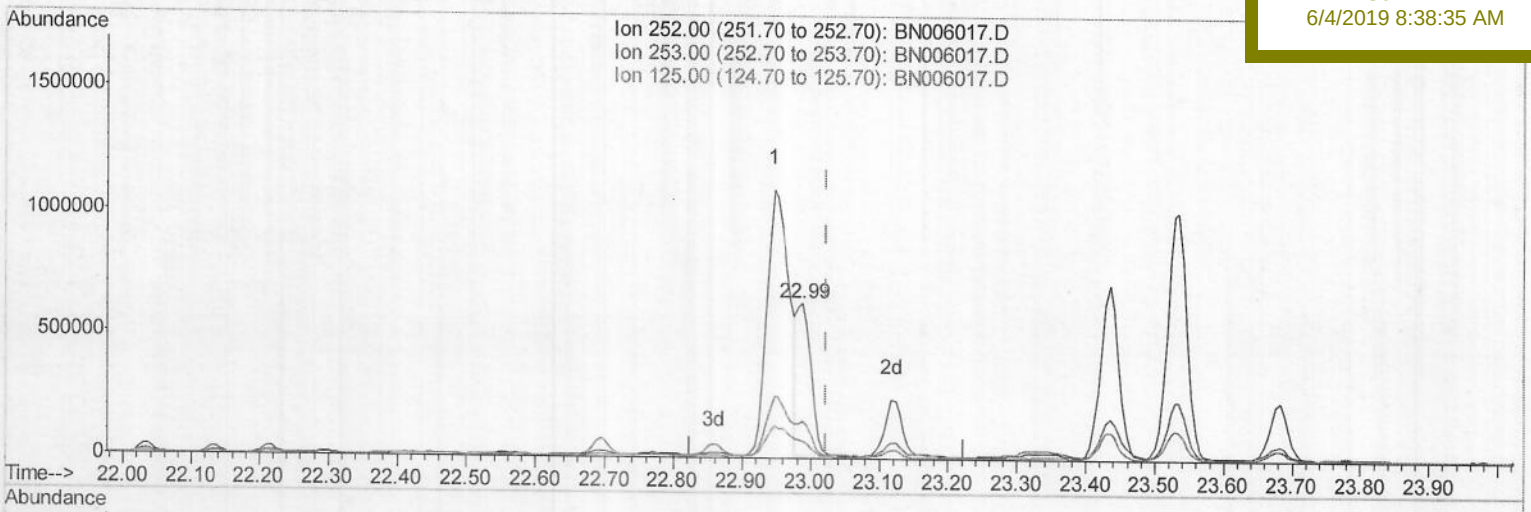
Quantitation Report (Qedit)

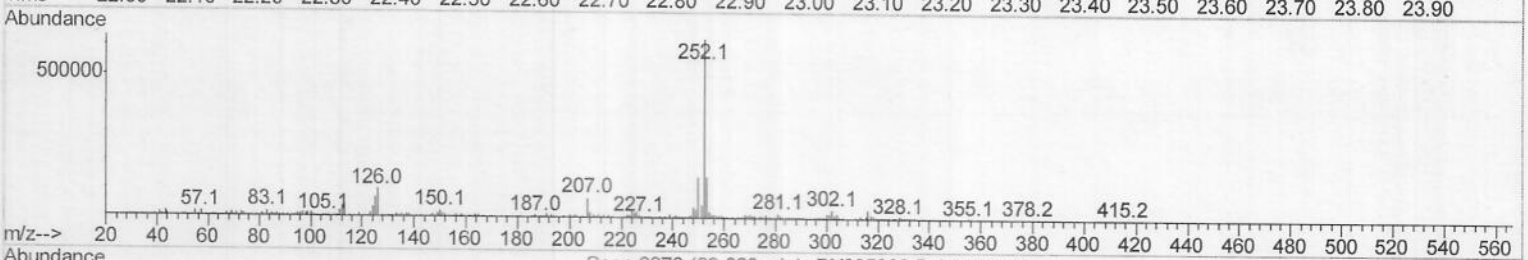
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
Sample : K2928-14DL 5X
Misc :
ALS Vial : 18 Sample Multiplier: 1

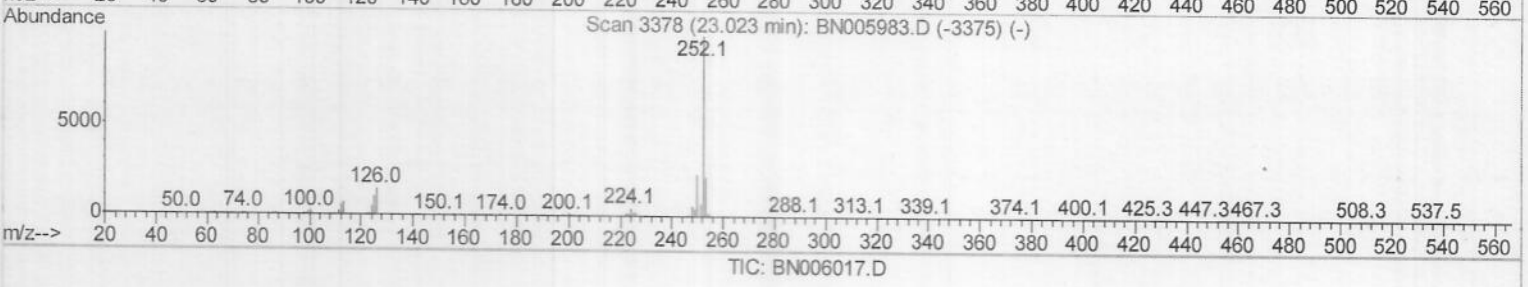
Quant Time: Jun 03 01:07:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
A42C8DL

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:35 AM







(88) Benzo(k)fluoranthene

22.988min (-0.036) 9.23ng/ul m JJU06/05/19

response 857478

Ion	Exp%	Act%
252.00	100	100
253.00	21.70	23.48
125.00	9.40	11.29#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN060119\
Data File : BN006017.D
Acq On : 02 Jun 2019 06:06
Operator : JU/SJ
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ALS Vial : 18 Sample Multiplier: 1

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN052819MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Jun 01 01:49:29 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : A42C8DL

Manual Integrations APPROVED
Sohil
6/4/2019 8:38:35 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	461130	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.51	136	2008445	20.00	ng/ul	-0.02
35) Acenaphthene-d10	14.38	164	1206157	20.00	ng/ul	-0.02
61) Phenanthrene-d10	17.14	188	2570053	20.00	ng/ul	-0.02
77) Chrysene-d12	21.35	240	1735082	20.00	ng/ul	-0.02
85) Perylene-d12	23.63	264	1799123	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.25	96	6250m	0.60	ng/uL	0.00
5) Phenol-d5	6.89	99	111760	2.73	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.06	67	64939	2.78	ng/ul	-0.02
9) 2-Chlorophenol-d4	7.26	132	89755	2.88	ng/ul	-0.01
13) 4-Methylphenol-d8	8.43	113	83703	2.54	ng/ul	-0.02
19) Nitrobenzene-d5	8.88	128	42856	3.32	ng/ul	-0.02
22) 2-Nitrophenol-d4	9.60	143	43388	3.61	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.14	165	73892	2.61	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.65	131	41185m	1.11	ng/ul	-0.02
43) Dimethylphthalate-d6	13.79	166	270575	3.04	ng/ul	-0.02
46) Acenaphthylene-d8	14.07	160	336800	3.03	ng/ul	-0.02
51) 4-Nitrophenol-d4	14.59	143	31234	1.93	ng/ul	-0.02
57) Fluorene-d10	15.38	176	236018	3.17	ng/ul	-0.02
62) 4,6-Dinitro-2-methylphenol	15.51	200	17751	1.69	ng/ul	-0.02
70) Anthracene-d10	17.24	188	352528	3.22	ng/ul	-0.02
78) Pyrene-d10	19.54	212	323688	3.69	ng/ul	-0.02
89) Benzo(a)pyrene-d12	23.48	264	231401	2.88	ng/ul	-0.04
Target Compounds						Qvalue
44) Dimethylphthalate	13.84	163	95141	1.071	ng/ul	99
47) Acenaphthylene	14.10	152	117663	1.079	ng/ul	97
69) Phenanthrene	17.18	178	1221815	9.595	ng/ul	99
71) Anthracene	17.27	178	411293	3.181	ng/ul	99
76) Fluoranthene	19.21	202	4461331	32.819	ng/ul	96
79) Pyrene	19.57	202	5286626	48.099	ng/ul	95
82) Benzo(a)anthracene	21.34	228	2649992	24.296	ng/ul	96
84) Chrysene	21.39	228	2808364	27.607	ng/ul	97
87) Benzo(b)fluoranthene	22.95	252	2448999	24.235	ng/ul	98
88) Benzo(k)fluoranthene	22.99	252	857478m	9.229	ng/ul	
90) Benzo(a)pyrene	23.53	252	1920797	20.157	ng/ul	98
91) Indeno(1,2,3-cd)pyrene	25.93	276	1183838	10.587	ng/ul	98
92) Dibenzo(a,h)anthracene	25.93	278	367393	3.946	ng/ul#	79
93) Benzo(g,h,i)perylene	26.63	276	906920	9.630	ng/ul	94

JU 06/05/19

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