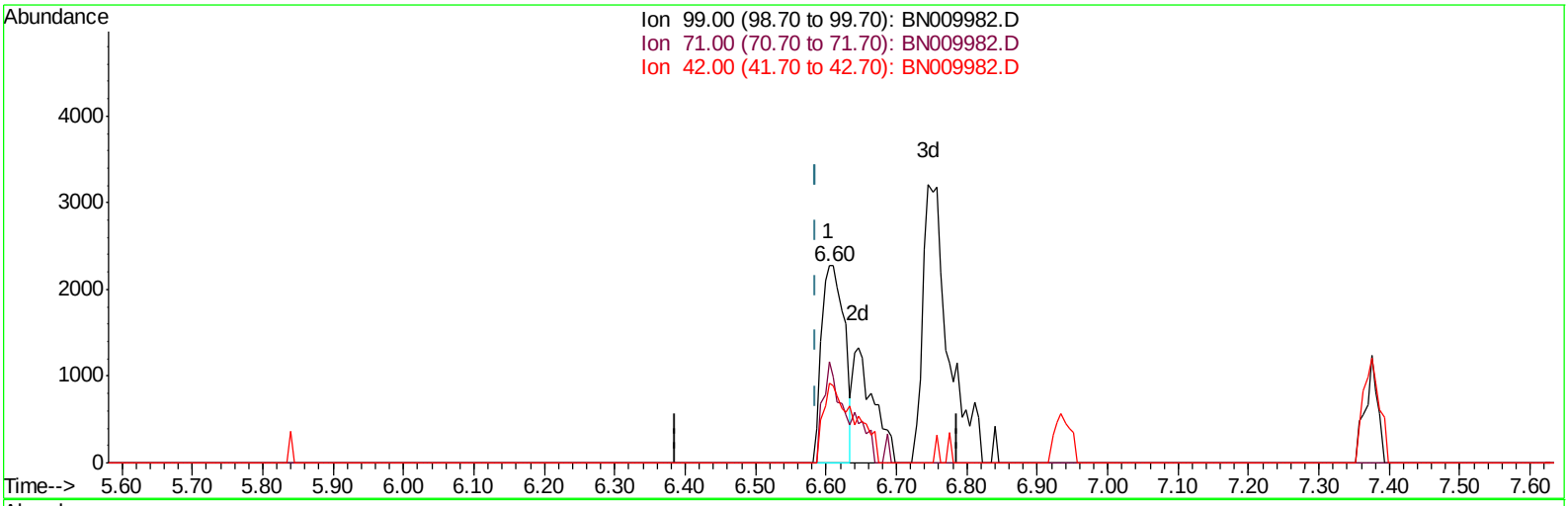
Quantitation Report (Qedit)

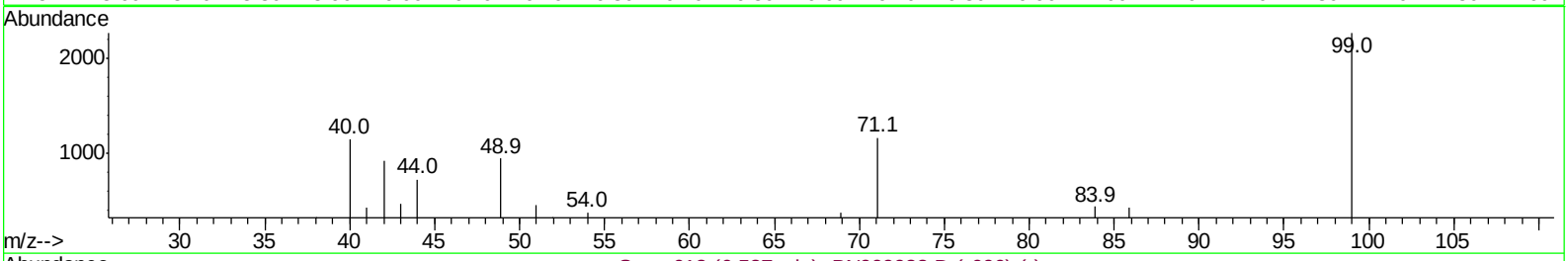
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022820\
Data File : BN009982.D
Acq On : 28 Feb 2020 10:34
Operator : CG/JU
Sample : L1612-19DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

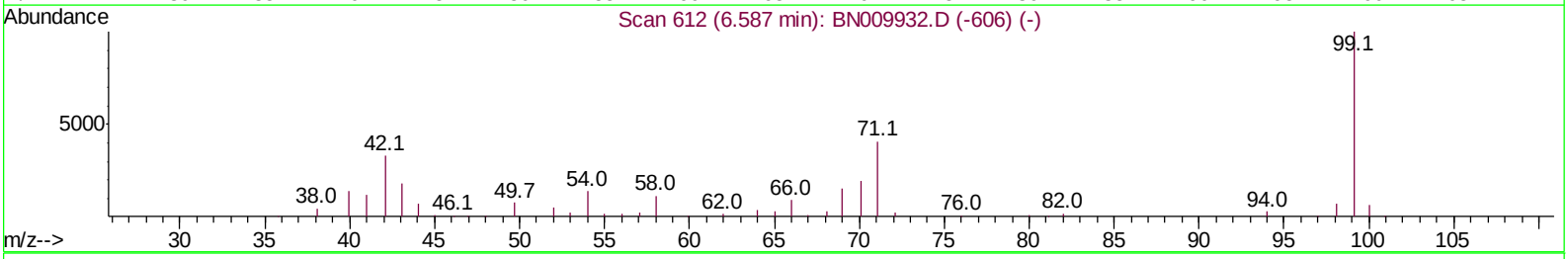
Quant Time: Feb 28 12:48:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM1DL

Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM







TIC: BN009982.D

(5) Phenol-d5 (S)

6.605min (+0.018) 0.66ng/ul

response 5143

Ion	Exp%	Act%
99.00	100	100
71.00	38.10	51.34#
42.00	28.80	40.69#
0.00	0.00	0.00

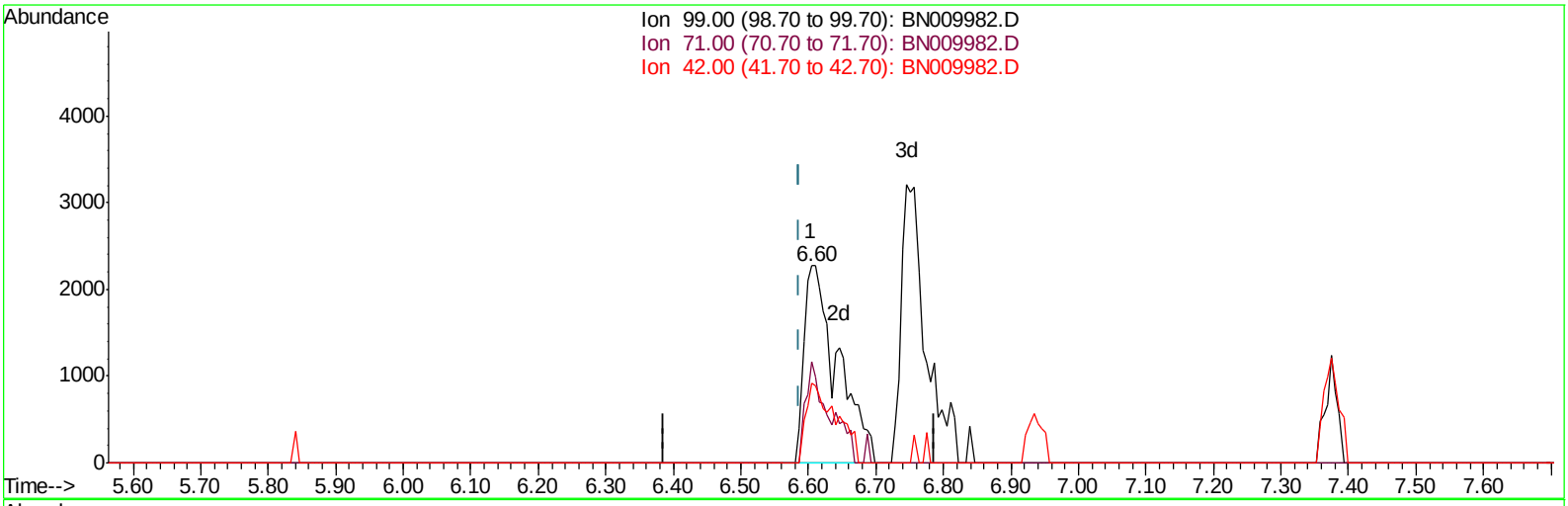
Quantitation Report (Qedit)

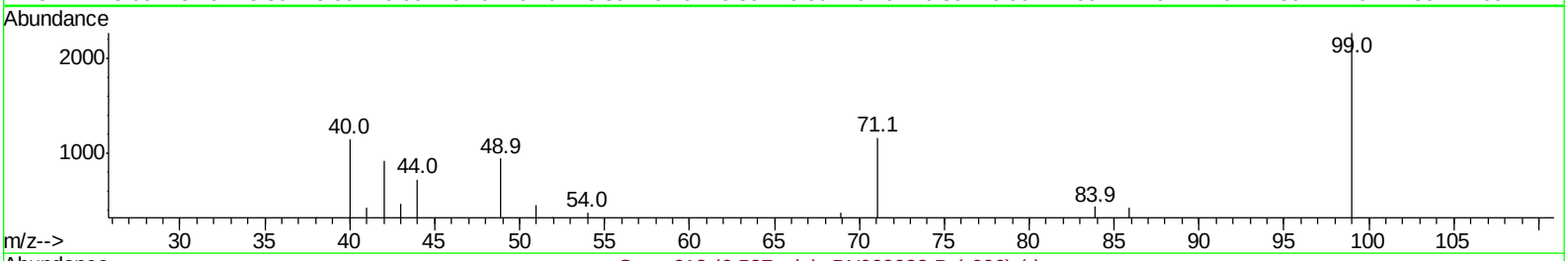
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022820\
Data File : BN009982.D
Acq On : 28 Feb 2020 10:34
Operator : CG/JU
Sample : L1612-19DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

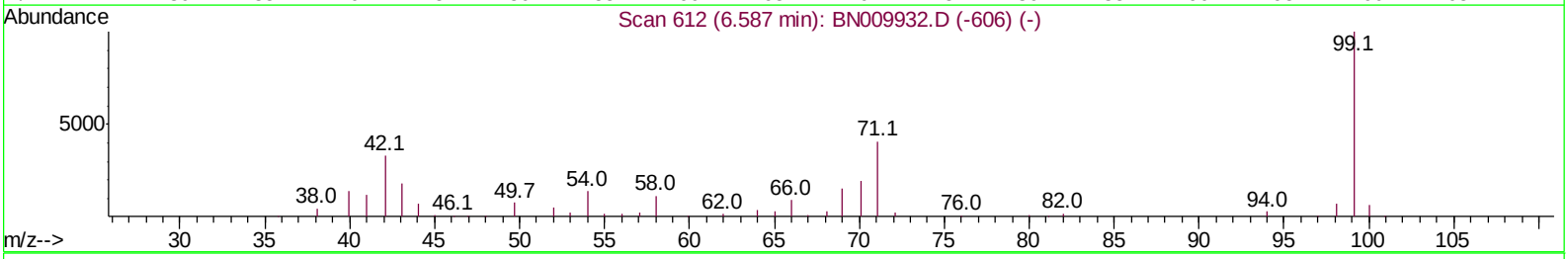
Quant Time: Feb 28 12:48:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM1DL

Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM







TIC: BN009982.D

(5) Phenol-d5 (S)

6.605min (+0.018) 1.01ng/ul m

response 7887

Ion	Exp%	Act%
99.00	100	100
71.00	38.10	51.34#
42.00	28.80	40.69#
0.00	0.00	0.00

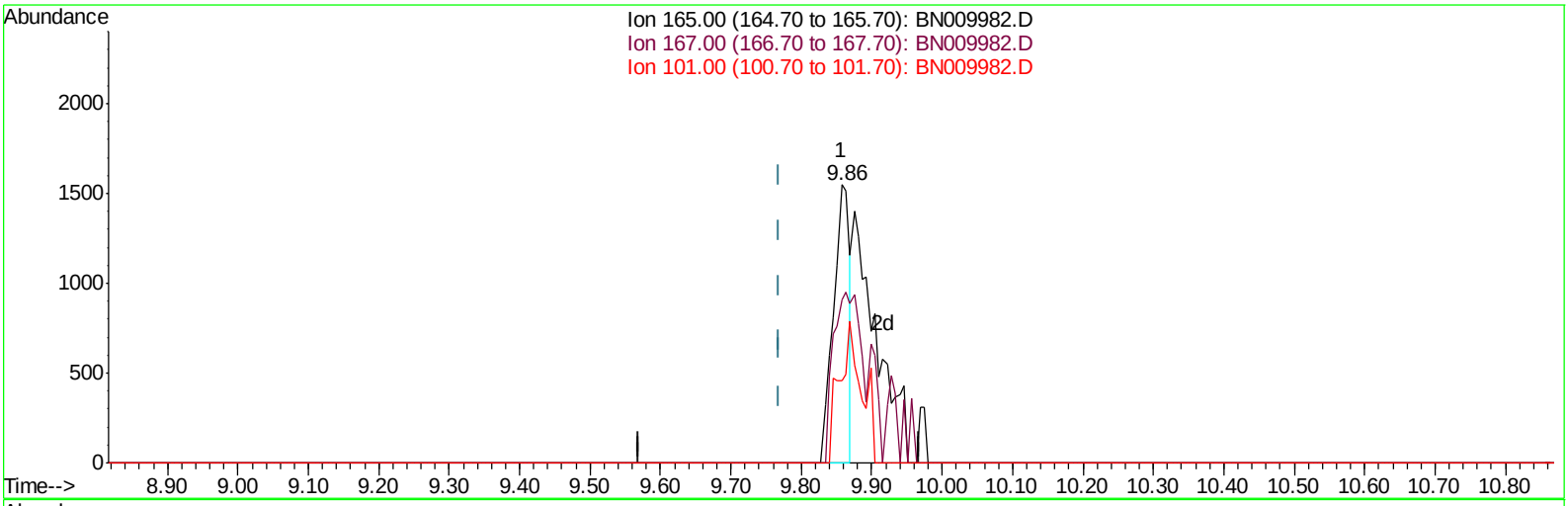
Quantitation Report (Qedit)

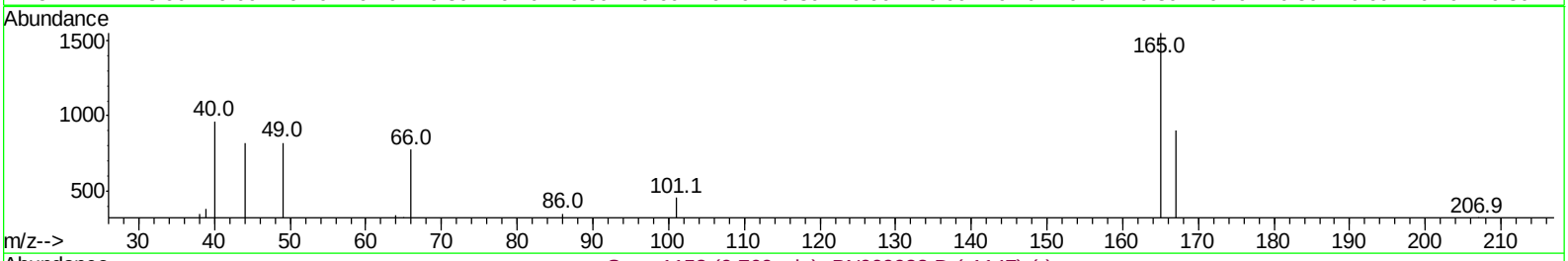
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022820\
Data File : BN009982.D
Acq On : 28 Feb 2020 10:34
Operator : CG/JU
Sample : L1612-19DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

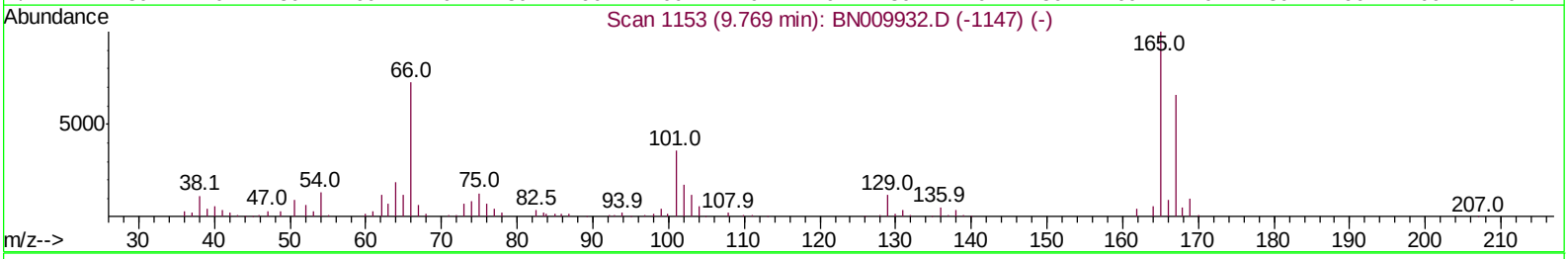
Quant Time: Feb 28 12:48:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM1DL

Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM







TIC: BN009982.D

(26) 2,4-Dichlorophenol-d3 (S)

9.857min (+0.088) 0.41ng/ul

response 2488

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	58.55
101.00	36.10	29.44
0.00	0.00	0.00

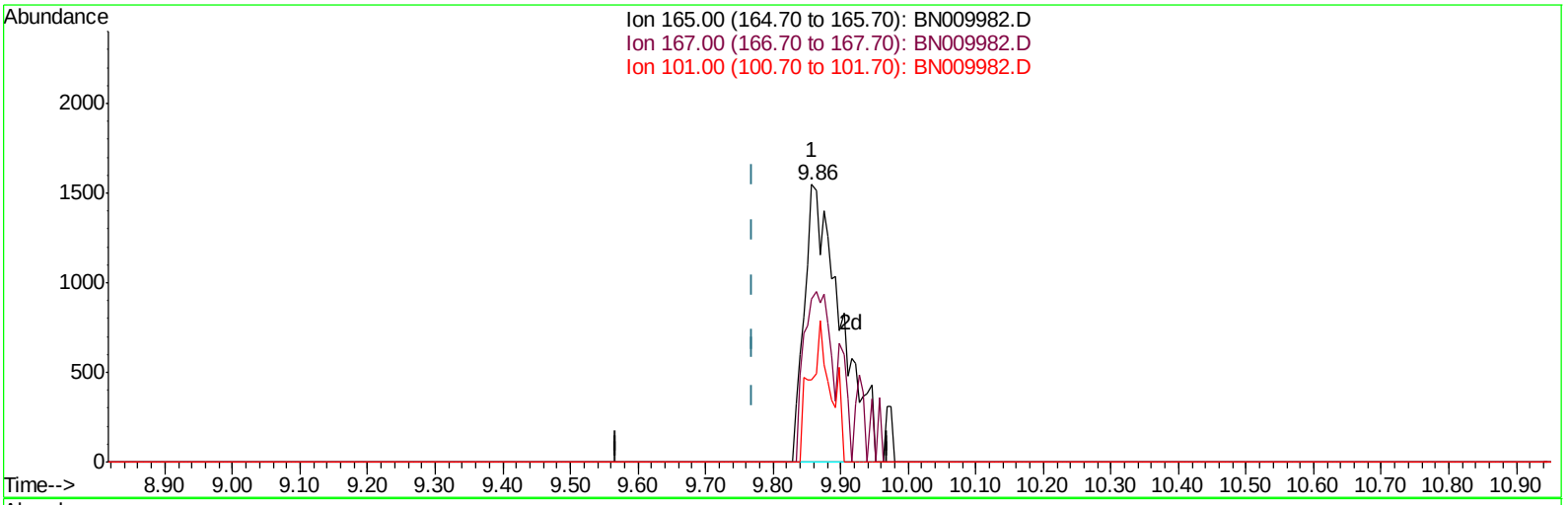
Quantitation Report (Qedit)

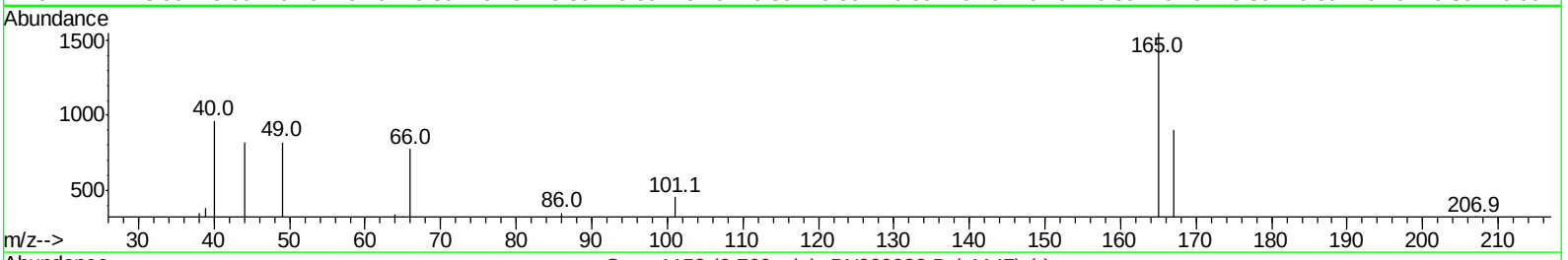
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022820\
Data File : BN009982.D
Acq On : 28 Feb 2020 10:34
Operator : CG/JU
Sample : L1612-19DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

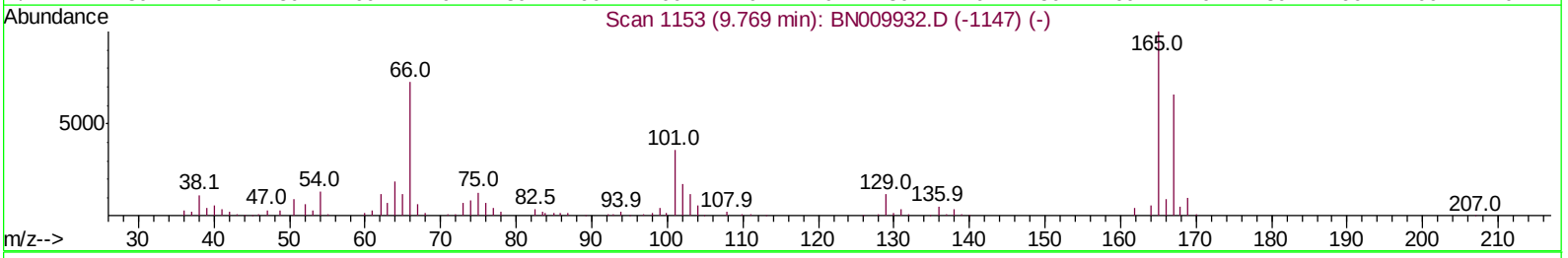
Quant Time: Feb 28 12:48:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM1DL

Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM







TIC: BN009982.D

(26) 2,4-Dichlorophenol-d3 (S)

9.857min (+0.088) 0.95ng/ul m

response 5807

Ion	Exp%	Act%
165.00	100	100
167.00	64.20	58.55
101.00	36.10	29.44
0.00	0.00	0.00

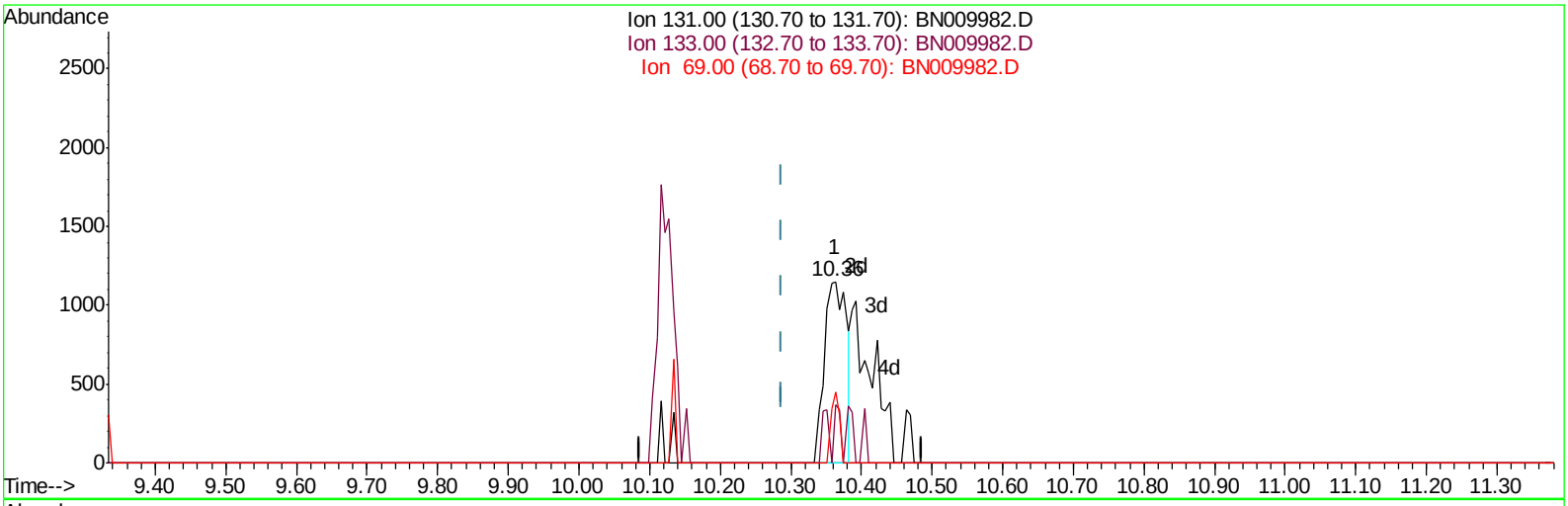
Quantitation Report (Qedit)

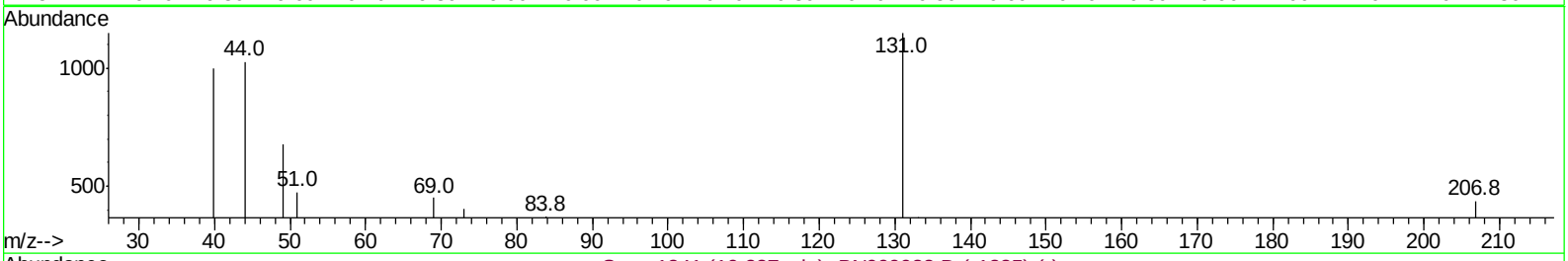
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022820\
Data File : BN009982.D
Acq On : 28 Feb 2020 10:34
Operator : CG/JU
Sample : L1612-19DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

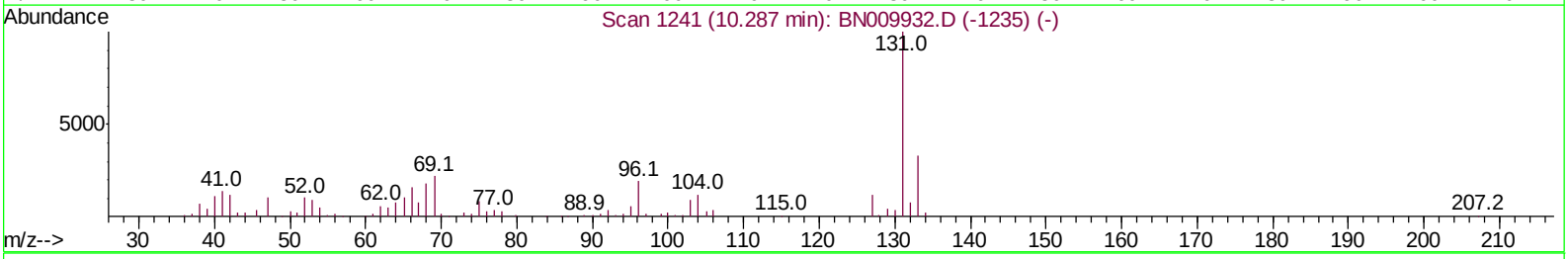
Quant Time: Feb 28 12:48:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM1DL

Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM







TIC: BN009982.D

(29) 4-Chloroaniline-d4 (S)

10.363min (+0.077) 0.36ng/ul

response 2464

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	31.97
69.00	22.10	39.29#
0.00	0.00	0.00

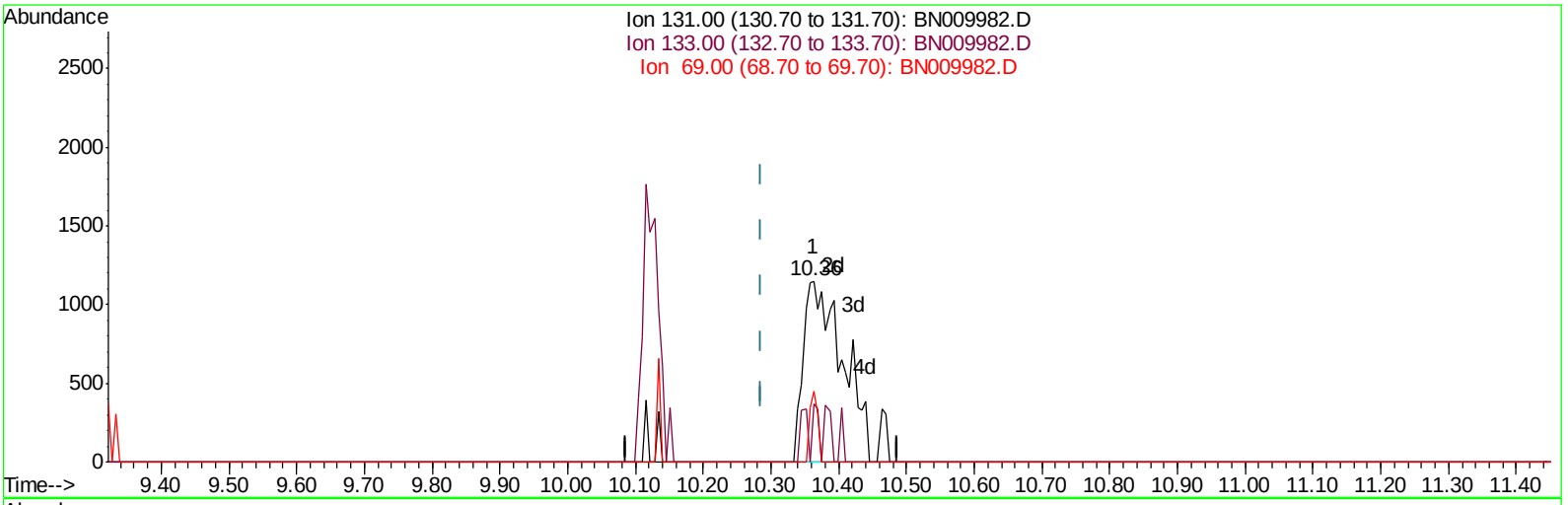
Quantitation Report (Qedit)

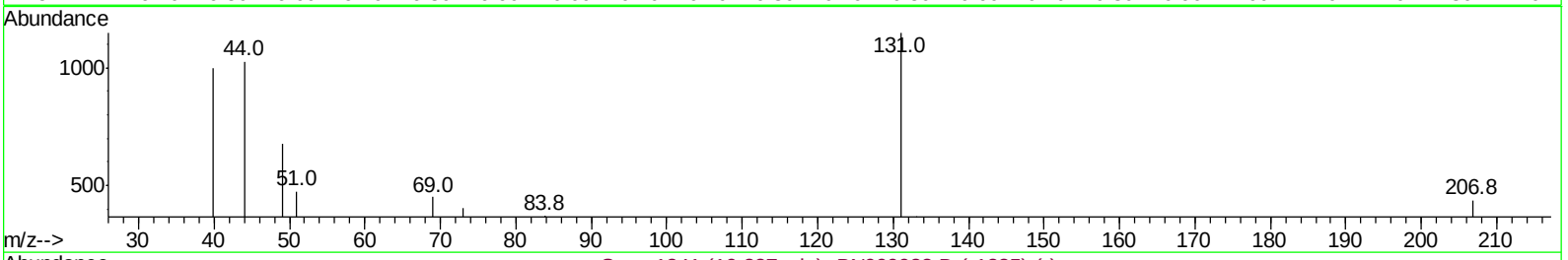
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022820\
Data File : BN009982.D
Acq On : 28 Feb 2020 10:34
Operator : CG/JU
Sample : L1612-19DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

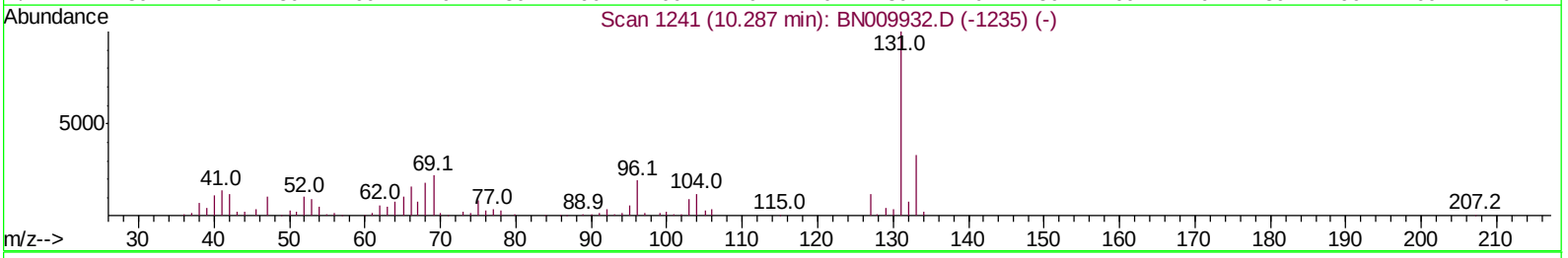
Quant Time: Feb 28 12:48:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM1DL

Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM







TIC: BN009982.D

(29) 4-Chloroaniline-d4 (S)

10.363min (+0.077) 0.67ng/ul m

response 4617

Ion	Exp%	Act%
131.00	100	100
133.00	33.00	31.97
69.00	22.10	39.29#
0.00	0.00	0.00

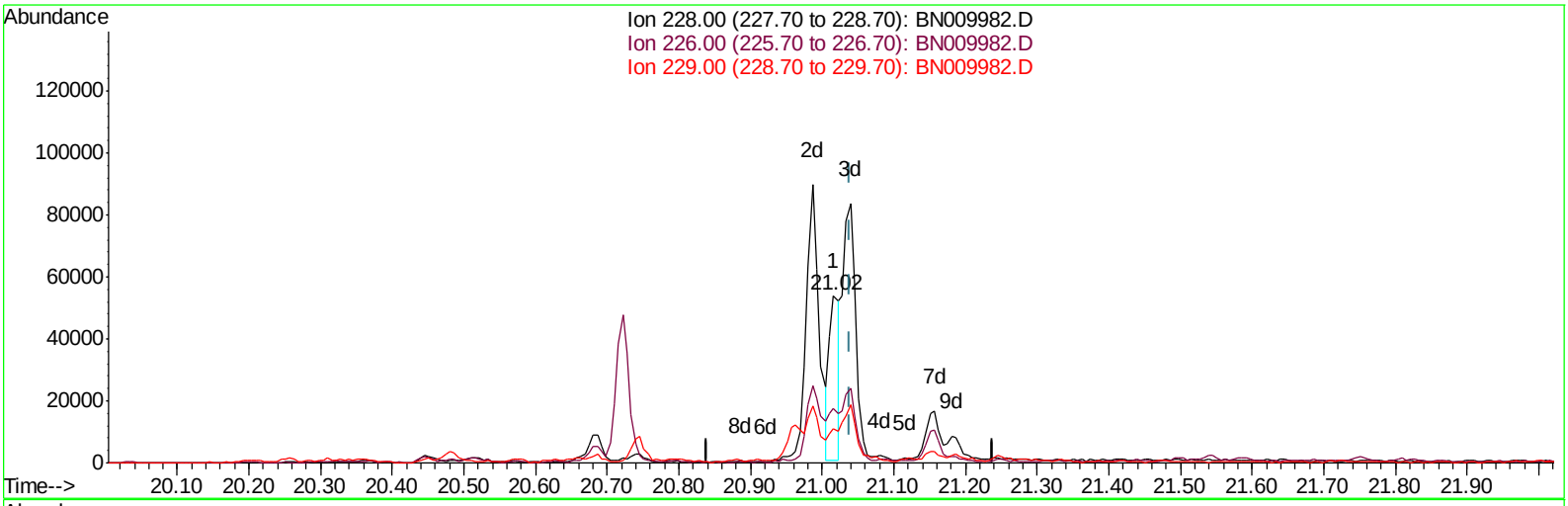
Quantitation Report (Qedit)

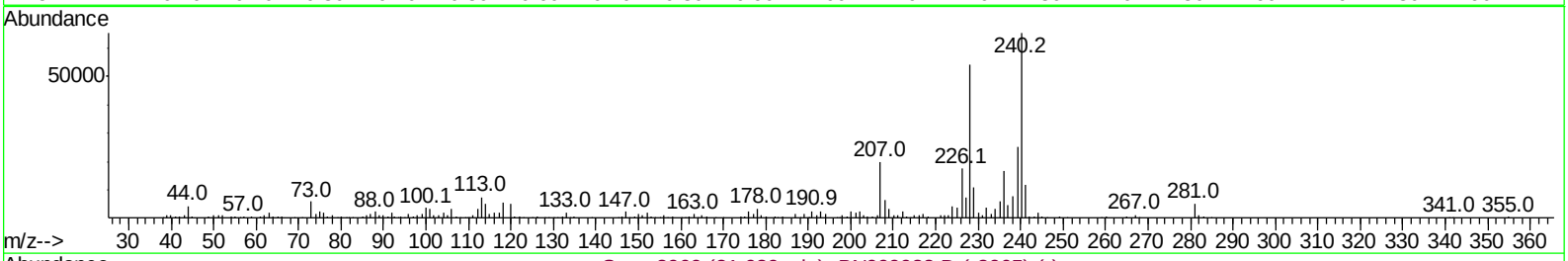
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022820\
Data File : BN009982.D
Acq On : 28 Feb 2020 10:34
Operator : CG/JU
Sample : L1612-19DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

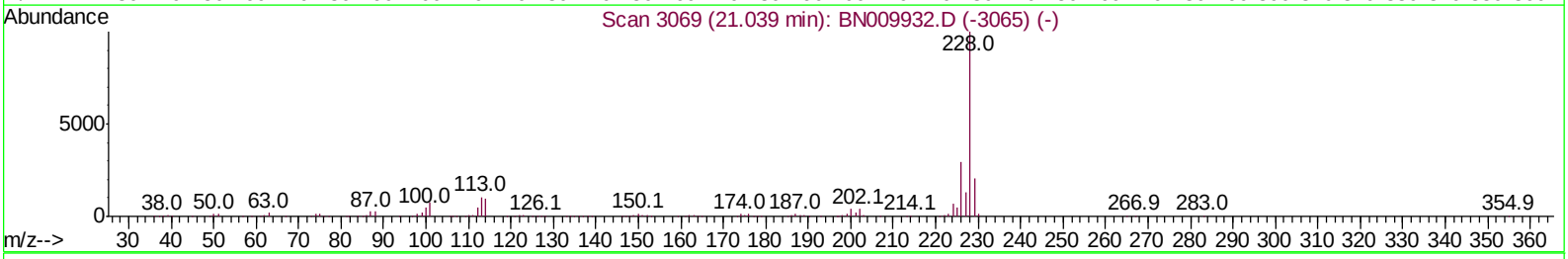
Quant Time: Feb 28 12:48:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM1DL

Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM







TIC: BN009982.D

(85) Chrysene

21.016min (-0.023) 1.46ng/ul

response 51215

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	32.58
229.00	18.70	20.51
0.00	0.00	0.00

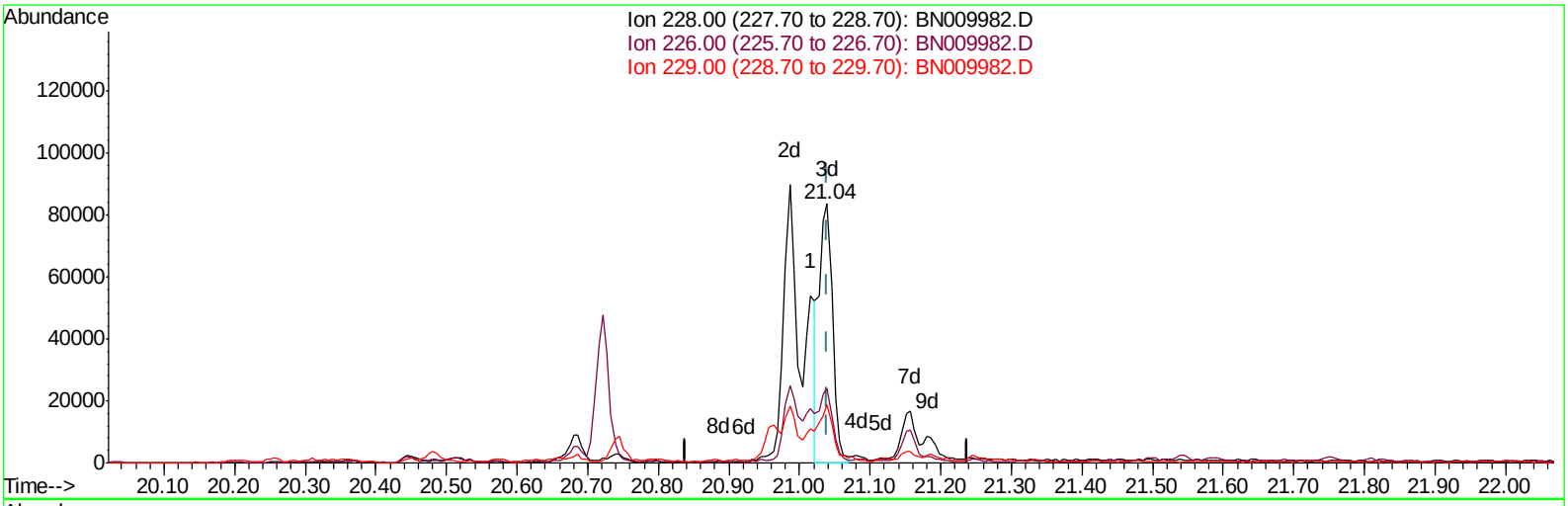
Quantitation Report (Qedit)

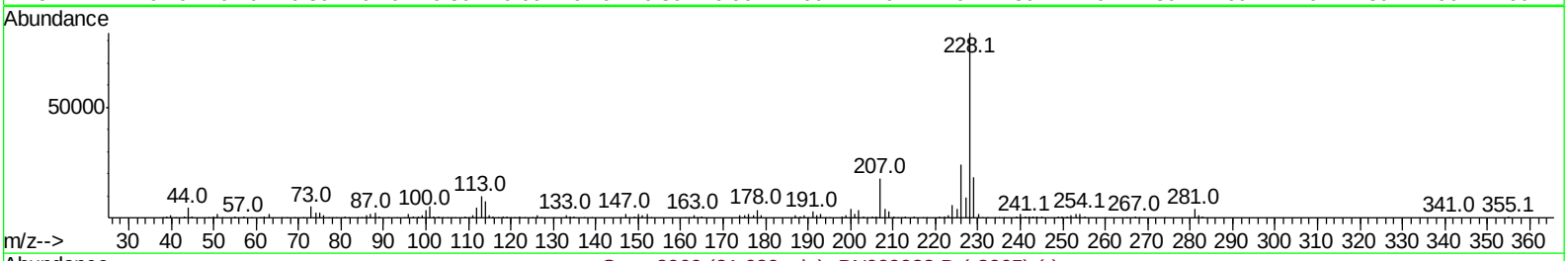
Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022820\
Data File : BN009982.D
Acq On : 28 Feb 2020 10:34
Operator : CG/JU
Sample : L1612-19DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

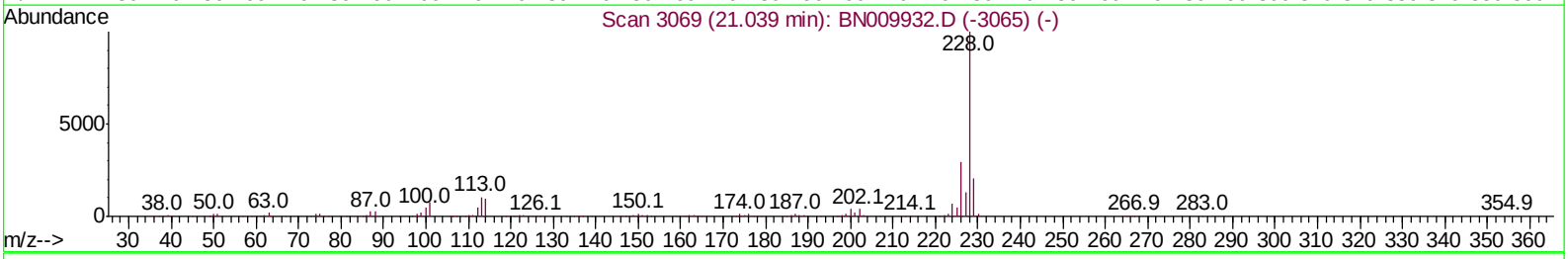
Quant Time: Feb 28 12:48:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM1DL

Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM







TIC: BN009982.D

(85) Chrysene

21.039min (+0.000) 3.07ng/ul m

response 107493

Ion	Exp%	Act%
228.00	100	100
226.00	29.30	28.84
229.00	18.70	22.45#
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022820\
Data File : BN009982.D
Acq On : 28 Feb 2020 10:34
Operator : CG/JU
Sample : L1612-19DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : DBDM1DL

Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM

Quant Time: Feb 28 12:51:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	91551	20.00	ng/ul	0.00
18) Naphthalene-d8	10.12	136	396064	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.02	164	253272	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.77	188	550629	20.00	ng/ul	0.00
78) Chrysene-d12	21.00	240	518080	20.00	ng/ul	0.00
86) Perylene-d12	23.10	264	581389	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.03	96	142	0.06	ng/uL	0.00
5) Phenol-d5	6.60	99	7887m	1.01	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	6.75	67	5931	1.10	ng/ul	0.00
9) 2-Chlorophenol-d4	6.93	132	7472	1.27	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	4458	0.72	ng/ul	0.03
19) Nitrobenzene-d5	8.55	128	1949	0.67	ng/ul	0.02
22) 2-Nitrophenol-d4	9.26	143	1846	0.58	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	9.86	165	5807m	0.95	ng/ul	0.09
29) 4-Chloroaniline-d4	10.36	131	4617m	0.67	ng/ul	0.08
44) Dimethylphthalate-d6	13.46	166	27036	1.43	ng/ul	0.01
47) Acenaphthylene-d8	13.71	160	29551	1.33	ng/ul	0.00
52) 4-Nitrophenol-d4	14.40	143	291	0.08	ng/ul	0.12
58) Fluorene-d10	15.04	176	26431	1.62	ng/ul	0.01
63) 4,6-Dinitro-2-methylphenol	15.21	200	301	0.09	ng/ul	0.02
71) Anthracene-d10	16.87	188	41739	1.65	ng/ul	0.00
79) Pyrene-d10	19.19	212	49874	1.84	ng/ul	0.00
90) Benzo(a)pyrene-d12	22.97	264	51330	1.77	ng/ul	0.00
Target Compounds						Qvalue
70) Phenanthrene	16.82	178	53120	1.690	ng/ul	98
72) Anthracene	16.91	178	1307919	40.714	ng/ul	100
75) Carbazole	17.20	167	147648	5.219	ng/ul#	97
77) Fluoranthene	18.85	202	84722	2.302	ng/ul	98
80) Pyrene	19.22	202	140863	3.771	ng/ul	95
83) Benzo(a)anthracene	20.99	228	112446	3.158	ng/ul	97
85) Chrysene	21.04	228	107493m	3.067	ng/ul	
88) Benzo(b)fluoranthene	22.49	252	539593	14.315	ng/ul	98
89) Benzo(k)fluoranthene	22.53	252	144289	4.043	ng/ul	97
91) Benzo(a)pyrene	23.02	252	247804	7.309	ng/ul	99
92) Indeno(1,2,3-cd)pyrene	25.14	276	189894	4.718	ng/ul	95
93) Dibenzo(a,h)anthracene	25.14	278	44895	1.304	ng/ul#	91
94) Benzo(g,h,i)perylene	25.76	276	115841	3.432	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA N\Data\BN022820\
Data File : BN009982.D
Acq On : 28 Feb 2020 10:34
Operator : CG/JU
Sample : L1612-19DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Feb 28 12:51:23 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-BN021220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Feb 26 07:56:07 2020
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
DBDM1DL

Manual Integrations APPROVED
mohammad
3/3/2020 4:58:33 PM