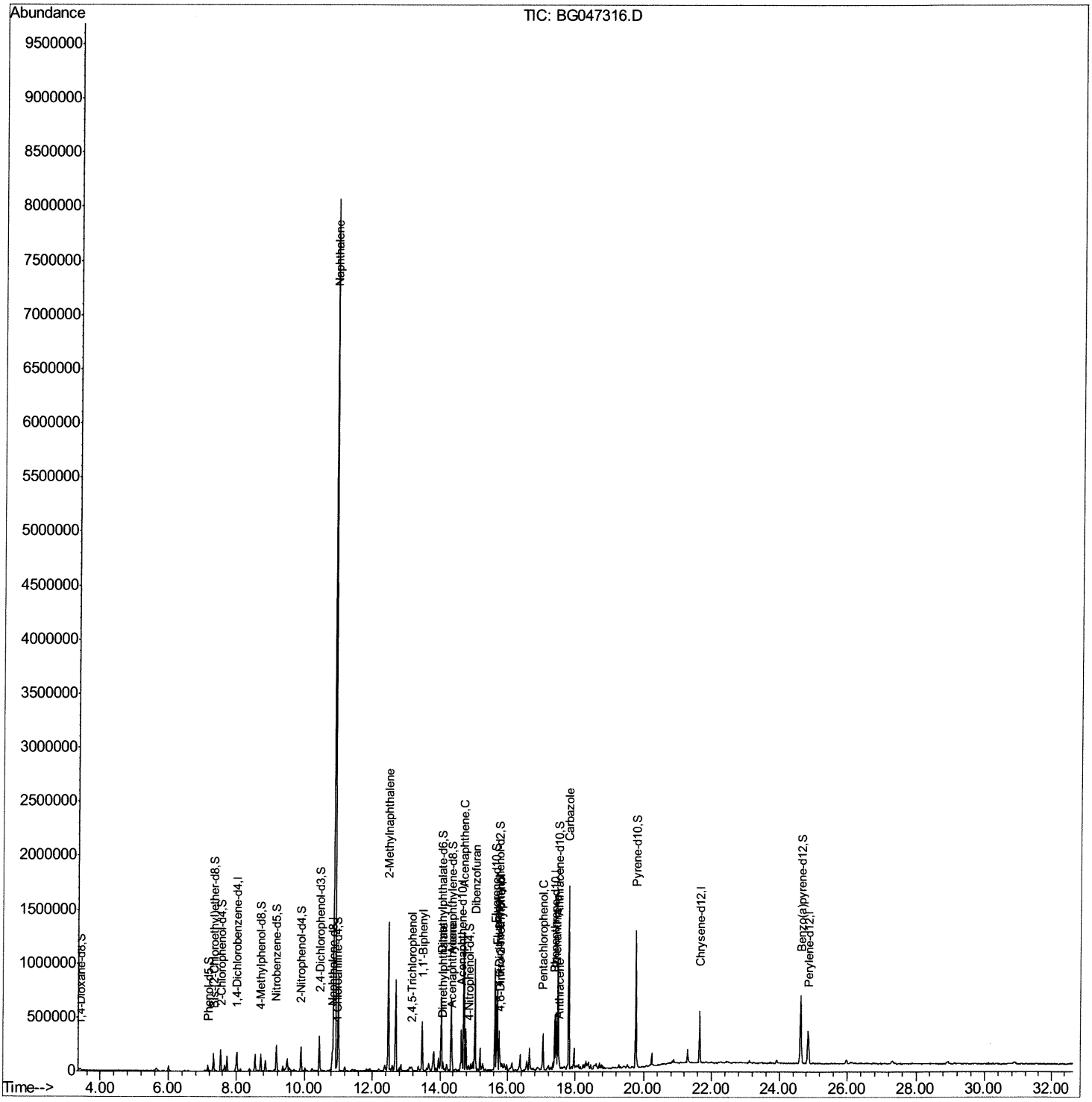
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047316.D
Acq On : 12 Nov 2020 21:20
Operator : CG/JU
Sample : L4726-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 13 10:19:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBGE5

Manual Integrations APPROVED
mohammad
11/16/2020 11:49:57 AM

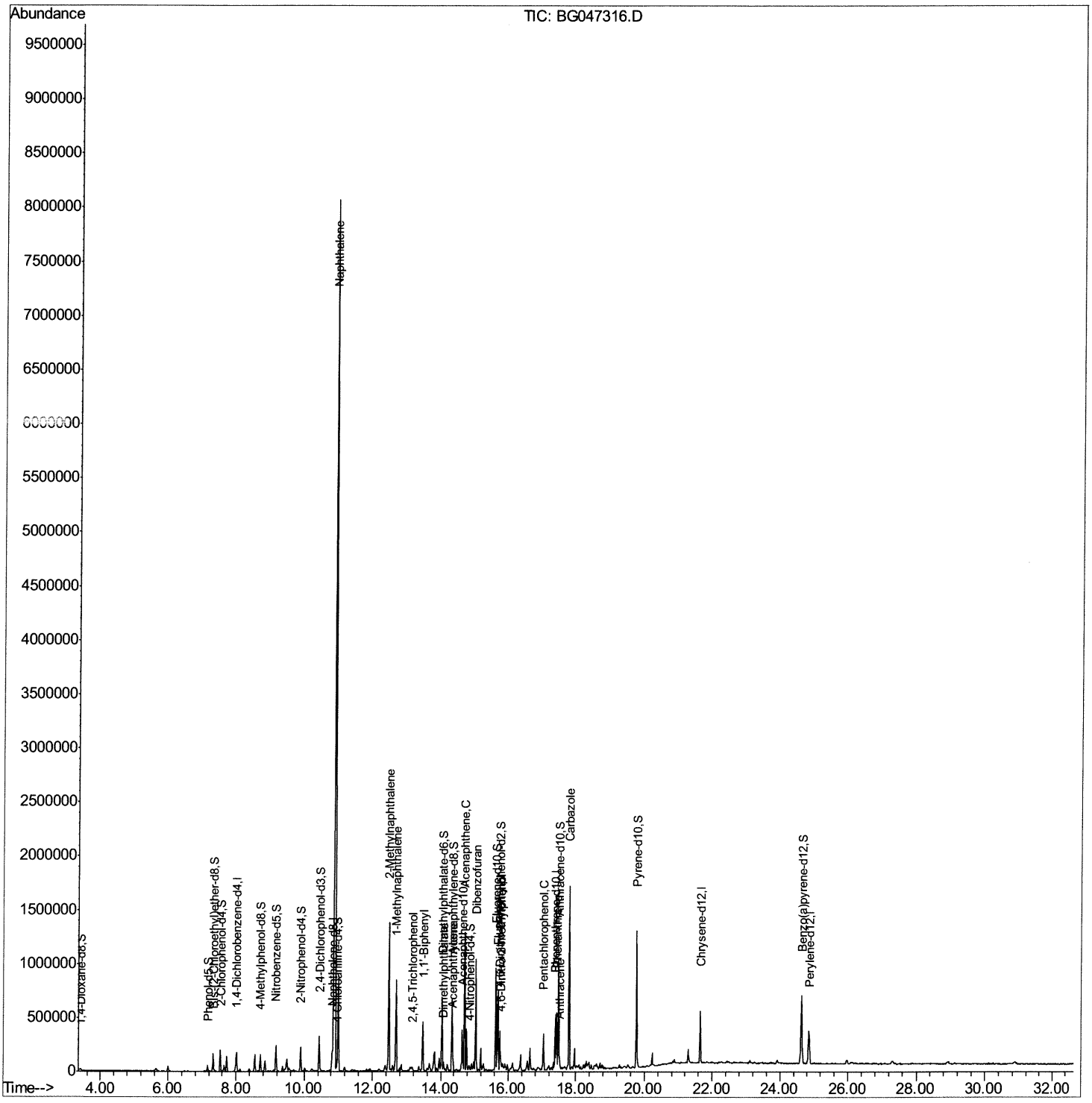


Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047316.D
Acq On : 12 Nov 2020 21:20
Operator : CG/JU
Sample : L4726-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 13 06:50:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBGE5

Manual Integrations APPROVED
mohammad
11/16/2020 11:49:57 AM



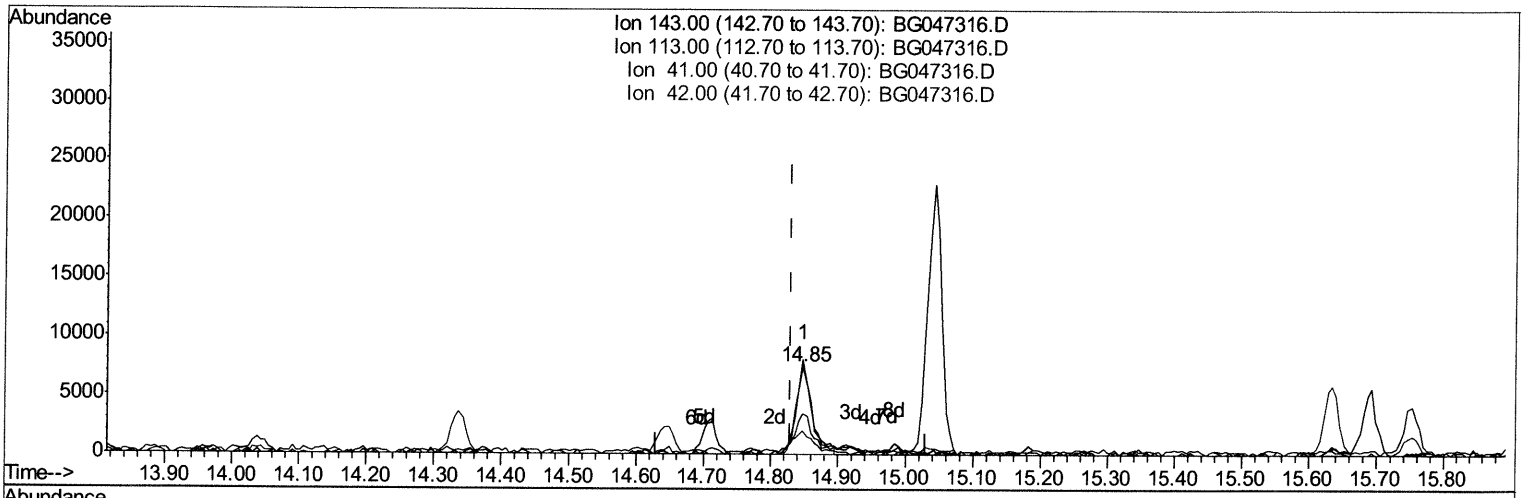
Quantitation Report (Qedit)

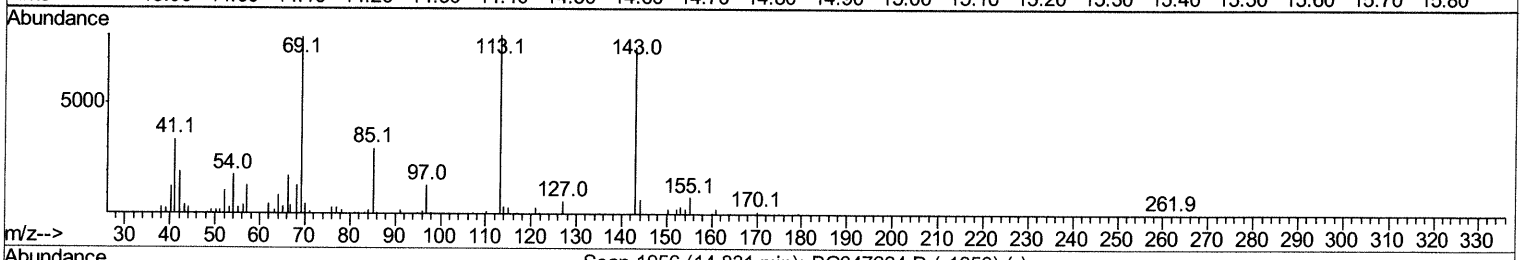
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047316.D
Acq On : 12 Nov 2020 21:20
Operator : CG/JU
Sample : L4726-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

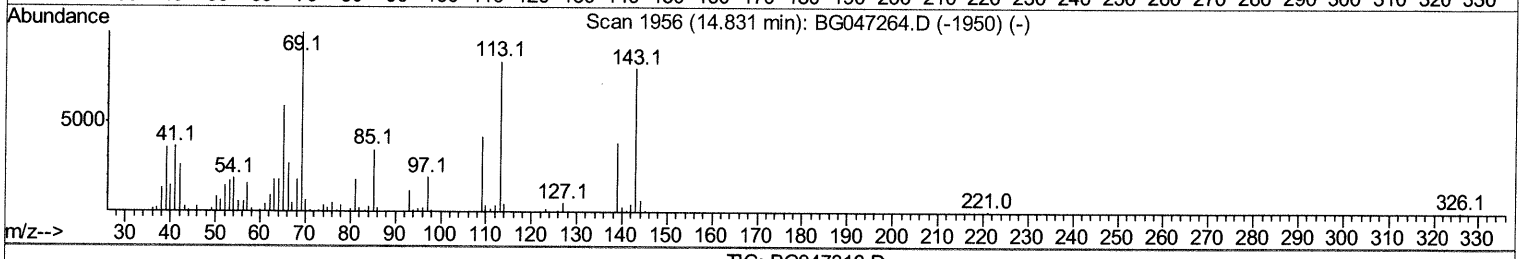
Quant Time: Nov 13 03:56:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBGE5

Manual Integrations APPROVED
mohammad
11/16/2020 11:49:57 AM







TIC: BG047316.D

(52) 4-Nitrophenol-d4 (S)

14.848min (+0.017) 7.51ng/ul

response 12602

Ion	Exp%	Act%
143.00	100	100
113.00	104.60	107.48
41.00	45.20	45.43
42.00	32.40	26.60

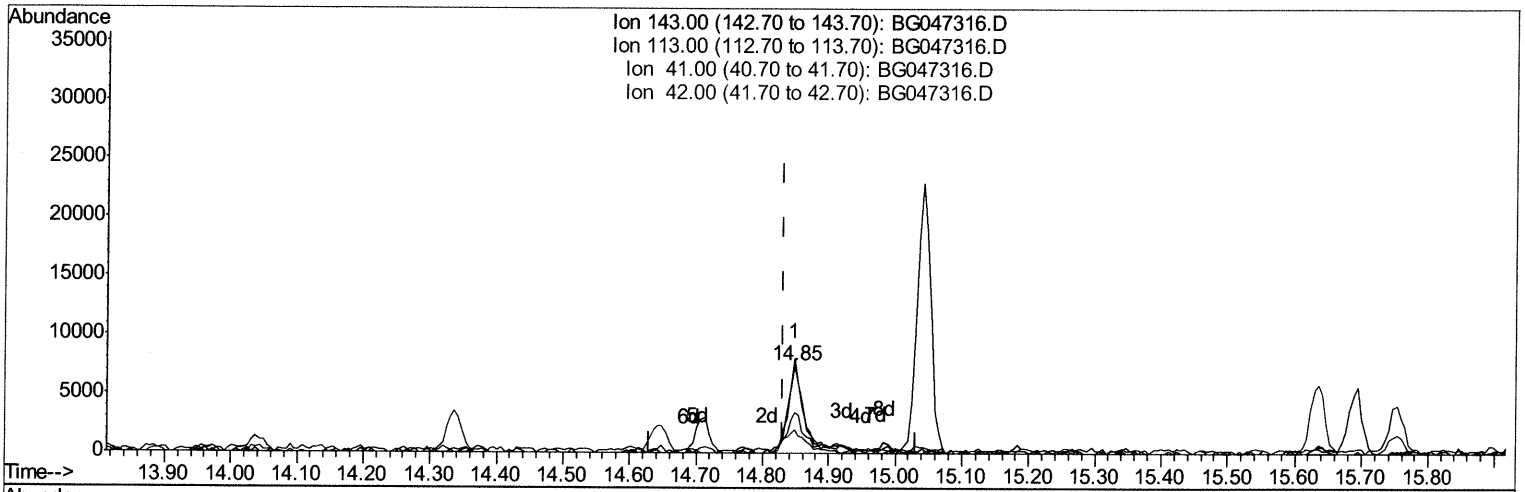
Quantitation Report (Qedit)

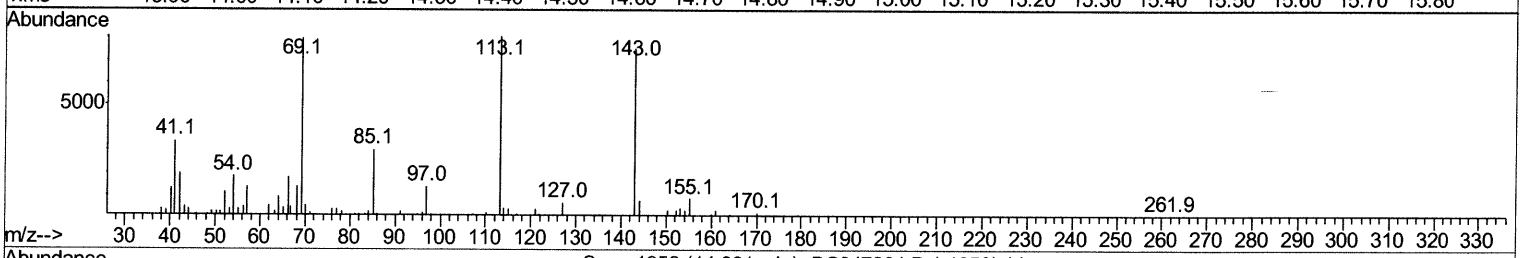
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047316.D
Acq On : 12 Nov 2020 21:20
Operator : CG/JU
Sample : L4726-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

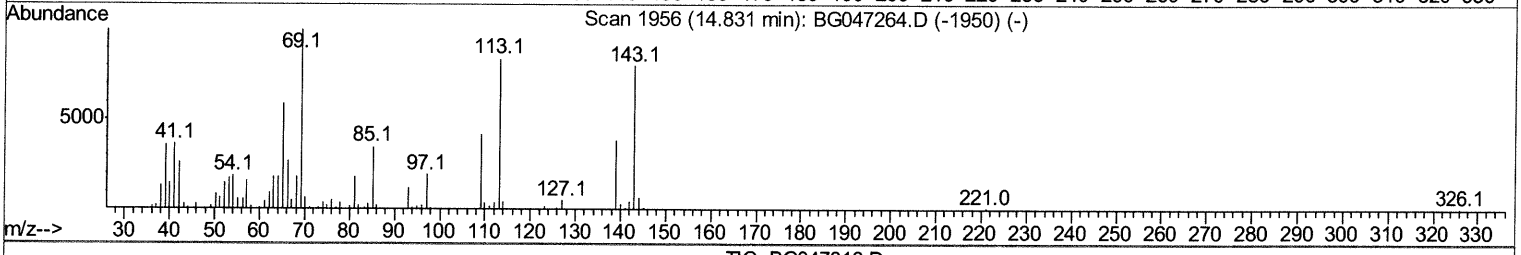
Quant Time: Nov 13 03:56:15 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
DBGE5

Manual Integrations APPROVED
mohammad
11/16/2020 11:49:57 AM







TIC: BG047316.D

(52) 4-Nitrophenol-d4 (S)

14.848min (+0.017) 7.79ng/ul m 12/02/20 JU

response 13064

Ion	Exp%	Act%
143.00	100	100
113.00	104.60	107.48
41.00	45.20	45.43
42.00	32.40	26.60

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047316.D
Acq On : 12 Nov 2020 21:20
Operator : CG/JU
Sample : L4726-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DBGE5

Manual Integrations APPROVED
mohammad
11/16/2020 11:49:57 AM

Quant Time: Nov 13 06:50:54 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	48237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	193661	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	129564	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	304715	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	293343	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	315438	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	5197	4.35	ng/uL	0.00
5) Phenol-d5	7.17	99	28256	6.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	79643	33.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	86812	26.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	55956	16.75	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	55956	34.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	65717	34.66	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.44	165	118935	32.15	ng/ul	0.01
29) 4-Chloroaniline-d4	10.95	131	13560	4.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	429001	40.27	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	483586	38.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	13064m>	7.79	ng/ul >	0.02 12/02/20 JU
58) Fluorene-d10	15.64	176	377936	38.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	93292	44.39	ng/ul	0.00
71) Anthracene-d10	17.49	188	607012	41.10	ng/ul	0.00
79) Pyrene-d10	19.77	212	722516	43.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	708415	40.85	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.89	128	6524034	599.655	ng/ul#	71
34) 2-Methylnaphthalene	12.47	142	657498	84.706	ng/ul	99
35) 1-Methylnaphthalene	12.69	142	376275	41.370	ng/uL	99
40) 2,4,5-Trichlorophenol	13.16	196	6247	1.981	ng/ul#	78
41) 1,1'-Biphenyl	13.48	154	239481	23.428	ng/ul	95
45) Dimethylphthalate	14.09	163	51876	4.852	ng/ul#	99
48) Acenaphthylene	14.37	152	73728	6.253	ng/ul	98
50) Acenaphthene	14.71	153	521475	61.129	ng/ul	98
54) Dibenzofuran	15.04	168	637417	51.345	ng/ul	98
59) Fluorene	15.69	166	344581	33.816	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.78	198	20287	9.364	ng/ul#	59
69) Pentachlorophenol	17.05	266	18638	7.639	ng/ul	96
70) Phenanthrene	17.43	178	311828	18.246	ng/ul	98
72) Anthracene	17.53	178	19653	1.144	ng/ul	96
75) Carbazole	17.80	167	1065170	80.735	ng/ul	97

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

Quantitation Report (LSC Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG111220\
Data File : BG047316.D
Acq On : 12 Nov 2020 21:20
Operator : CG/JU
Sample : L4726-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Nov 13 10:19:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Nov 10 10:50:02 2020
Response via : Initial Calibration

Instrument : BNA_G
ClientSampleId : DBGE5

Manual Integrations APPROVED
mohammad
11/16/2020 11:49:57 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	48237	20.00	ng/ul	0.00
18) Naphthalene-d8	10.82	136	193661	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.64	164	129564	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.39	188	304715	20.00	ng/ul	0.00
78) Chrysene-d12	21.65	240	293343	20.00	ng/ul	0.00
86) Perylene-d12	24.85	264	315438	20.00	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.40	96	5197	4.35	ng/uL	0.00
5) Phenol-d5	7.17	99	28256	6.75	ng/ul	0.01
7) Bis-(2-Chloroethyl)ether-d	7.33	67	79643	33.07	ng/ul	0.00
9) 2-Chlorophenol-d4	7.54	132	86812	26.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.71	113	55956	16.75	ng/ul	0.00
19) Nitrobenzene-d5	9.17	128	55956	34.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.90	143	65717	34.66	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.44	165	118935	32.15	ng/ul	0.01
29) 4-Chloroaniline-d4	10.95	131	13560	4.30	ng/ul	0.00
44) Dimethylphthalate-d6	14.04	166	429001	40.27	ng/ul	0.00
47) Acenaphthylene-d8	14.34	160	483586	38.37	ng/ul	0.00
52) 4-Nitrophenol-d4	14.85	143	13064m >	7.79	ng/ul >	0.02 12/02/20 JU
58) Fluorene-d10	15.64	176	377936	38.21	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.75	200	93292	44.39	ng/ul	0.00
71) Anthracene-d10	17.49	188	607012	41.10	ng/ul	0.00
79) Pyrene-d10	19.77	212	722516	43.18	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.63	264	708415	40.85	ng/ul	0.01
Target Compounds						Qvalue
28) Naphthalene	10.89	128	6524034	599.655	ng/ul#	71
34) 2-Methylnaphthalene	12.47	142	657498	84.706	ng/ul	99
40) 2,4,5-Trichlorophenol	13.16	196	6247	1.981	ng/ul#	78
41) 1,1'-Biphenyl	13.48	154	239481	23.428	ng/ul	95
45) Dimethylphthalate	14.09	163	51876	4.852	ng/ul#	99
48) Acenaphthylene	14.37	152	73728	6.253	ng/ul	98
50) Acenaphthene	14.71	153	521475	61.129	ng/ul	98
54) Dibenzofuran	15.04	168	637417	51.345	ng/ul	98
59) Fluorene	15.69	166	344581	33.816	ng/ul	99
64) 4,6-Dinitro-2-methylphenol	15.78	198	20287	9.364	ng/ul#	59
69) Pentachlorophenol	17.05	266	18638	7.639	ng/ul	96
70) Phenanthrene	17.43	178	311828	18.246	ng/ul	98
72) Anthracene	17.53	178	19653	1.144	ng/ul	96
75) Carbazole	17.80	167	1065170	80.735	ng/ul	97

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