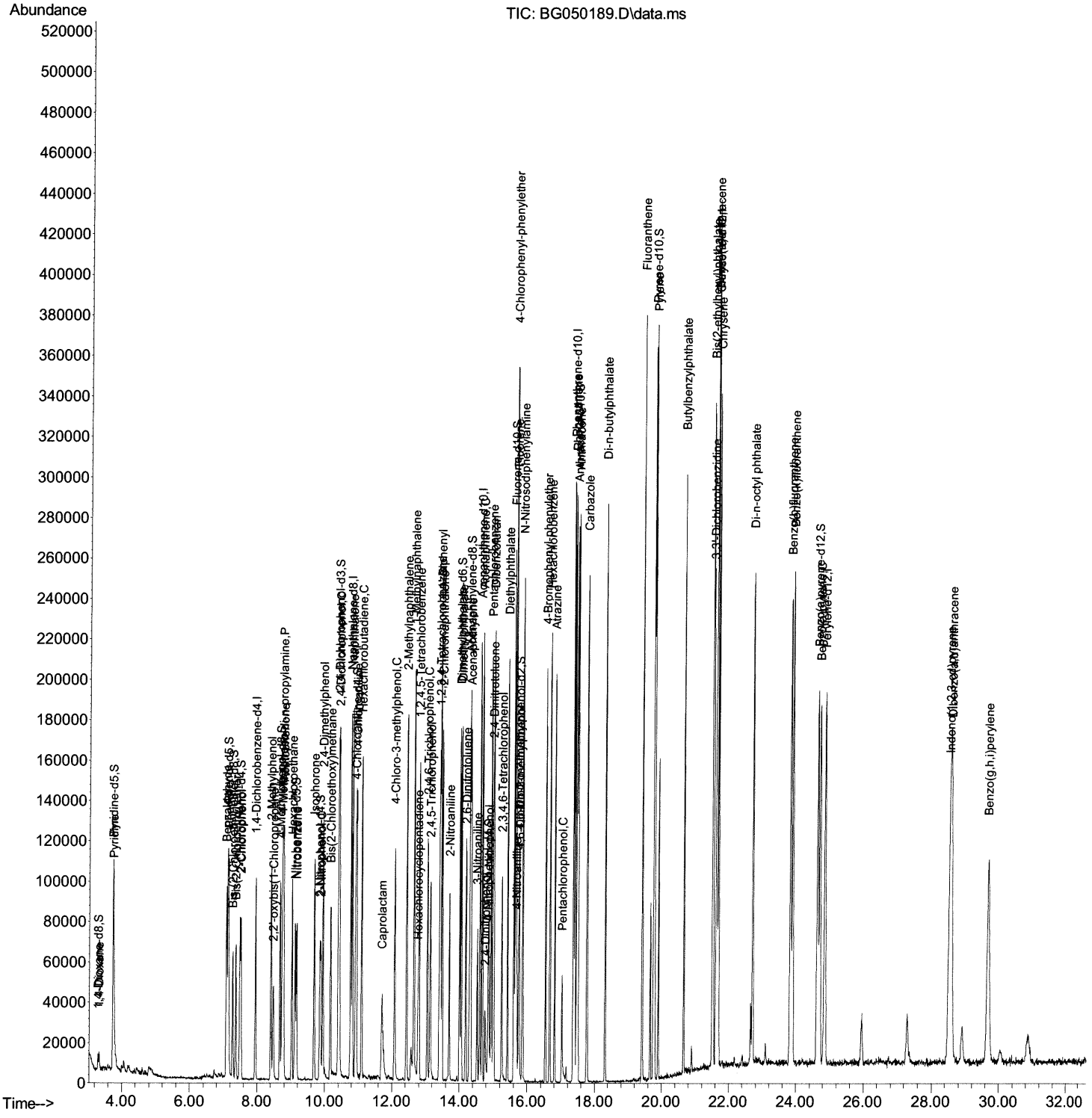
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050189.D
Acq On : 8 Sep 2021 6:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 08 11:25:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/9/2021 8:40:49 AM



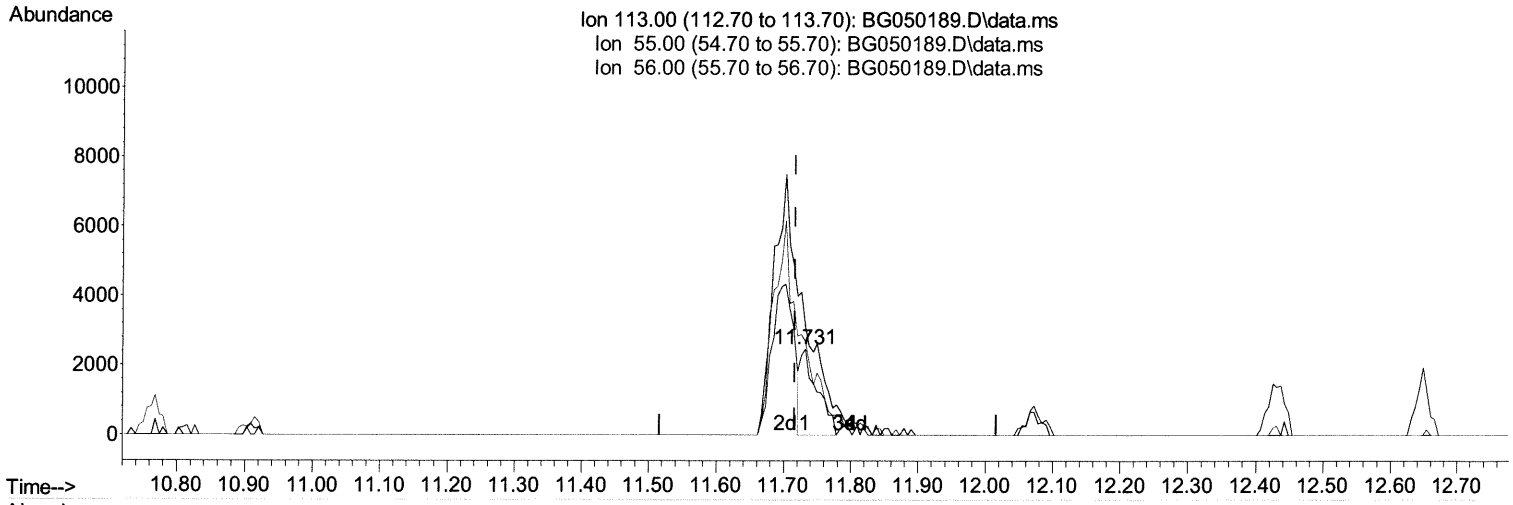
Quantitation Report (Qedit)

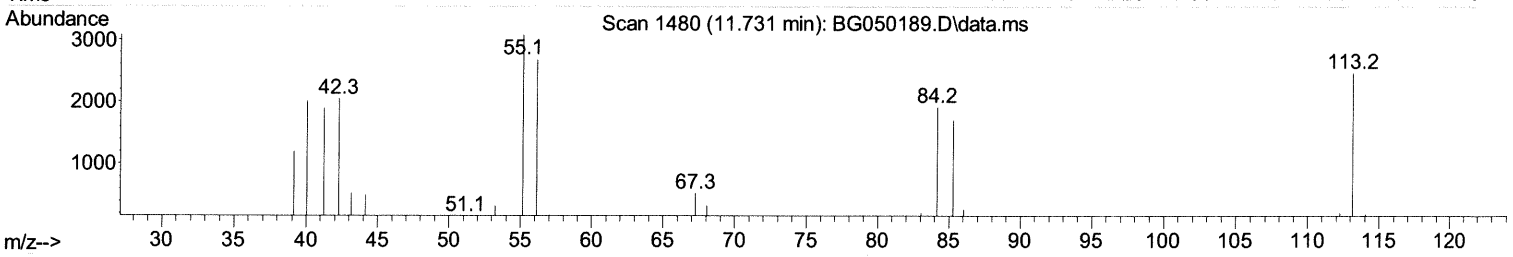
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050189.D
Acq On : 8 Sep 2021 6:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

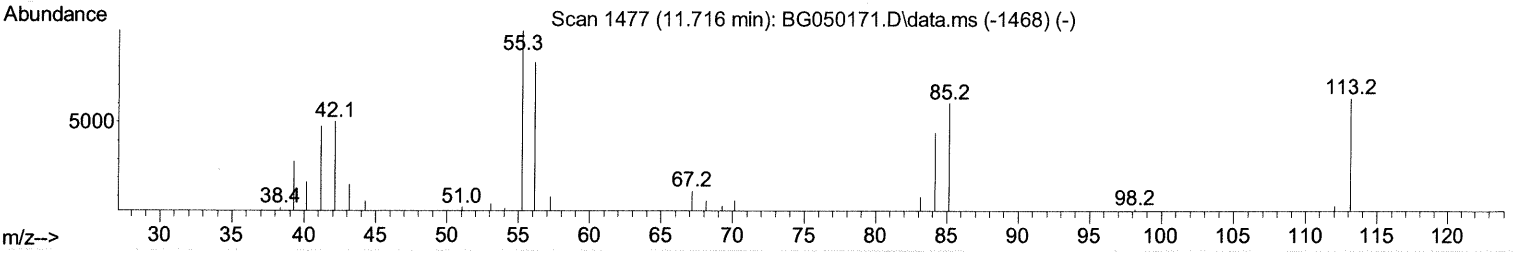
Quant Time: Sep 08 11:25:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/9/2021 8:40:49 AM







TIC: BG050189.D\data.ms

(34) Caprolactam

11.731min (+ 0.015) 6.23 ng/ul

response 4388

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	124.74
56.00	134.20	108.35
0.00	0.00	0.00

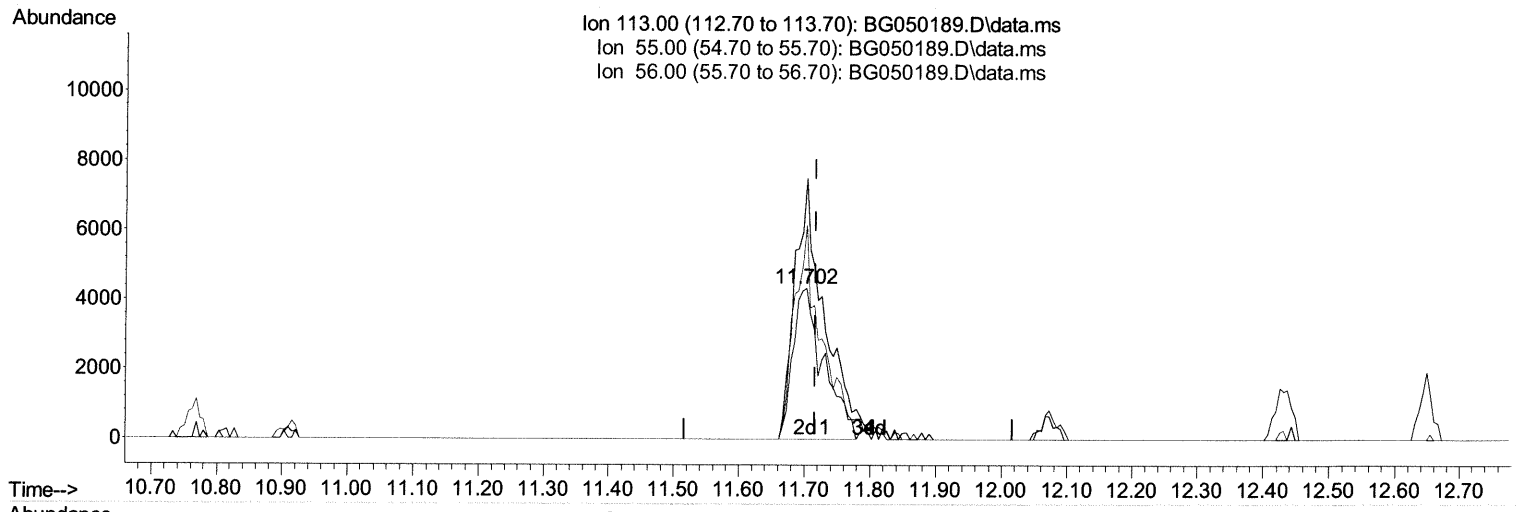
Quantitation Report (Qedit)

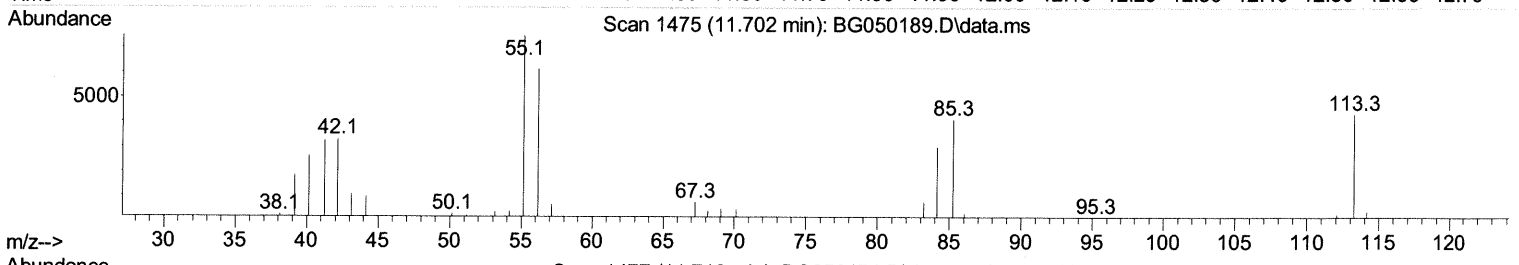
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050189.D
Acq On : 8 Sep 2021 6:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

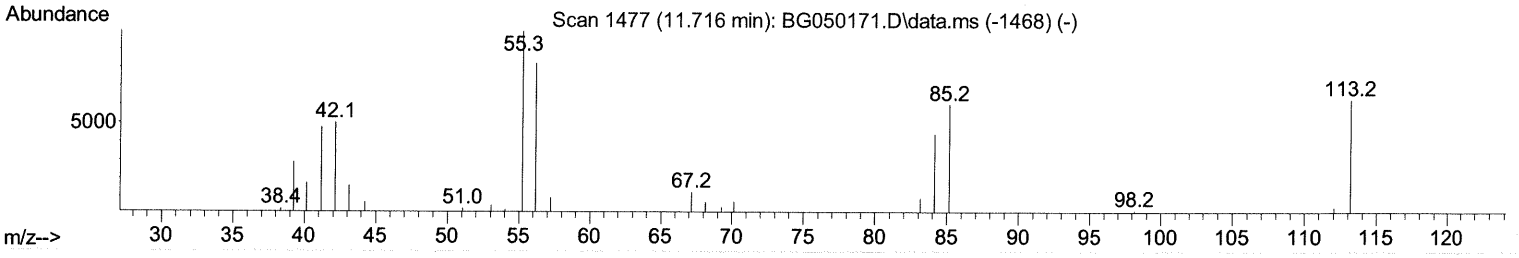
Quant Time: Sep 08 11:25:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/9/2021 8:40:49 AM







TIC: BG050189.D\data.ms

(34) Caprolactam

11.702min (-0.014) 19.94 ng/ul m 09/10/2021

response 14052

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	172.66#
56.00	134.20	141.72
0.00	0.00	0.00

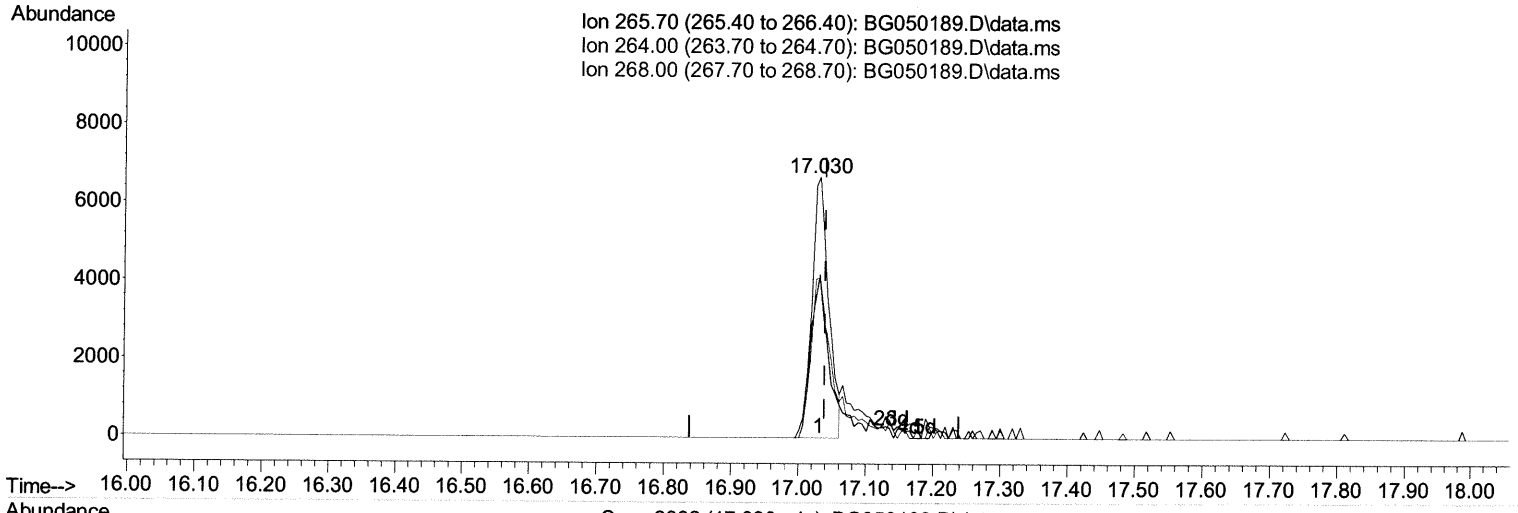
Quantitation Report (Qedit)

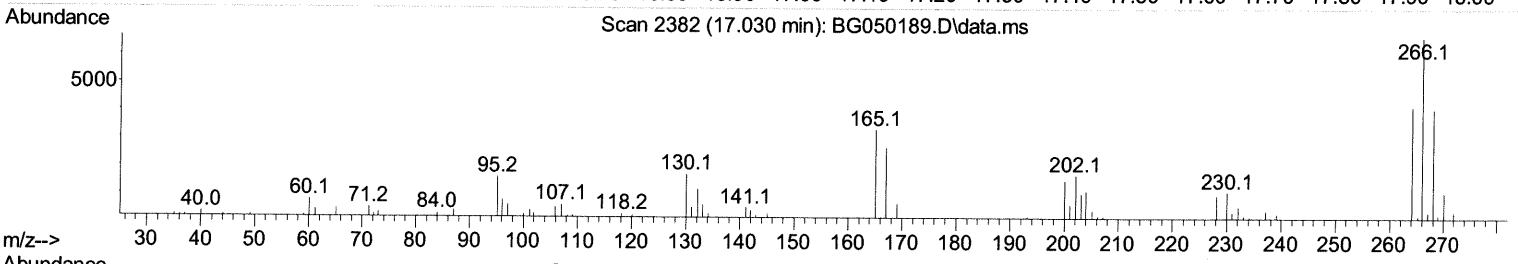
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050189.D
Acq On : 8 Sep 2021 6:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

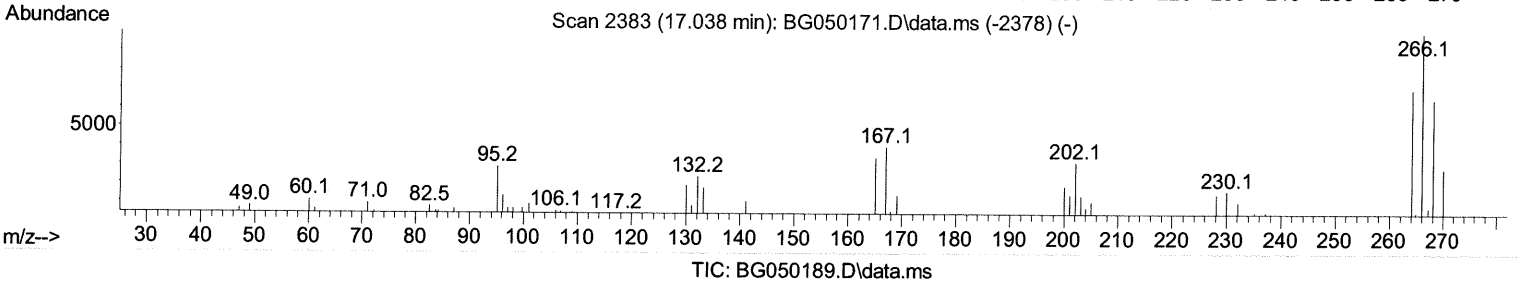
Quant Time: Sep 08 11:25:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/9/2021 8:40:49 AM







TIC: BG050189.D\data.ms

(71) Pentachlorophenol (C)

17.030min (-0.008) 17.00 ng/ul

response 11601

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.60	62.55
268.00	65.70	61.14
0.00	0.00	0.00

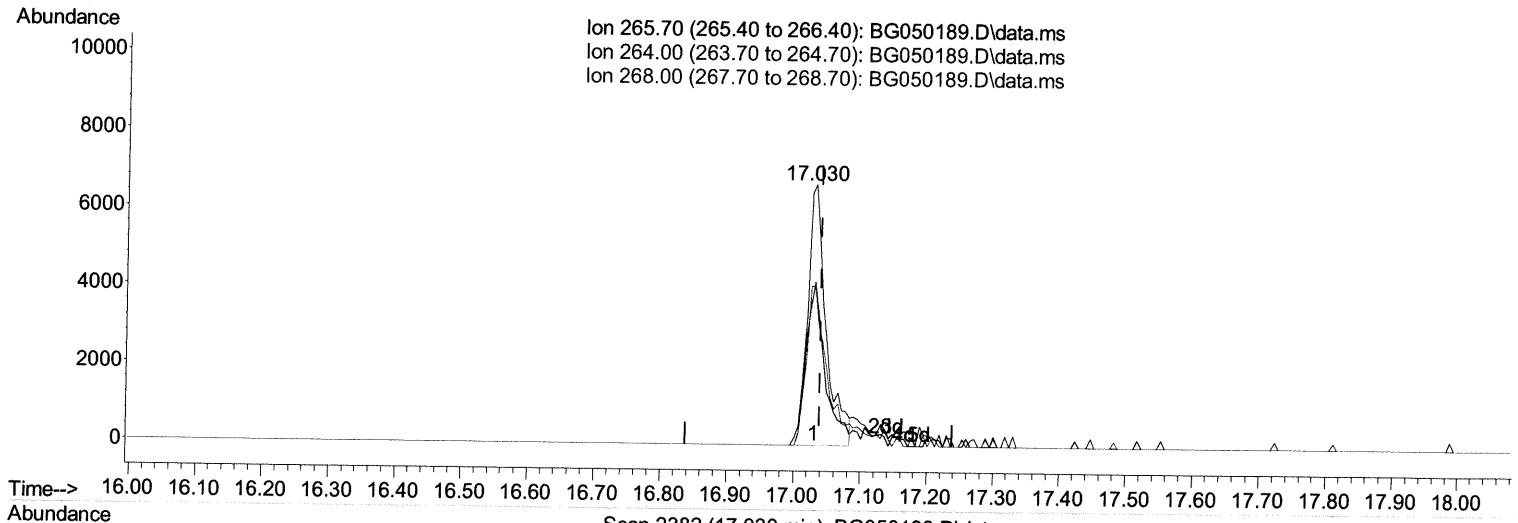
Quantitation Report (Qedit)

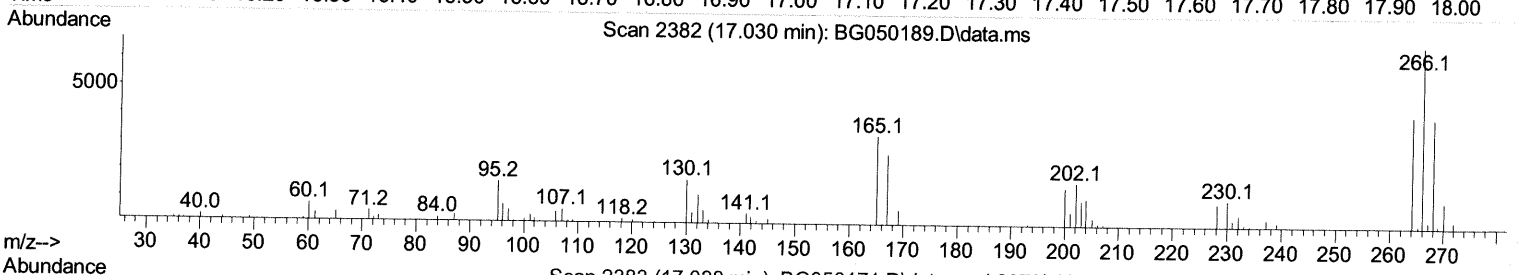
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050189.D
Acq On : 8 Sep 2021 6:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

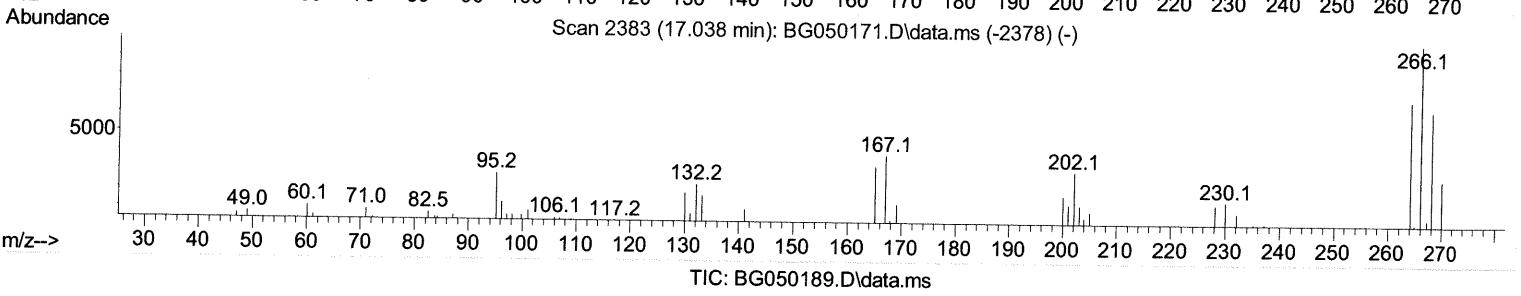
Quant Time: Sep 08 11:25:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTDCCC020

Manual Integrations APPROVED
mohammad
9/9/2021 8:40:49 AM







TIC: BG050189.D\data.ms

(71) Pentachlorophenol (C)

17.030min (-0.008) 18.97 ng/ul m 09/09/21 JU

response 12947

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.60	62.55
268.00	65.70	61.14
0.00	0.00	0.00

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050189.D
Acq On : 8 Sep 2021 6:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 08 11:25:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTDCCC020

Manual Integrations APPROVED
mohammad
9/9/2021 8:40:49 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.948	152	28758	20.000	ng/ul	0.00
20) Naphthalene-d8	10.762	136	159001	20.000	ng/ul	#-0.01
38) Acenaphthene-d10	14.610	164	78737	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.359	188	185437	20.000	ng/ul	0.00
79) Chrysene-d12	21.636	240	191159	20.000	ng/ul	0.00
88) Perylene-d12	24.849	264	197320	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.302	96	5033	8.652	ng/uL	0.00
4) Pyridine-d5	3.736	84	49641	24.041	ng/ul	0.00
7) Phenol-d5	7.120	99	64137	28.724	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.267	67	32166	24.667	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.478	132	36304	19.591	ng/ul	0.00
15) 4-Methylphenol-d8	8.671	113	36759	20.938	ng/ul	0.00
21) Nitrobenzene-d5	9.117	128	17240	15.797	ng/ul	0.00
24) 2-Nitrophenol-d4	9.846	143	20589	15.515	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.398	165	60532	23.899	ng/ul	0.00
31) 4-Chloroaniline-d4	10.909	131	60186	19.287	ng/ul	0.00
46) Dimethylphthalate-d6	14.011	166	118710	19.967	ng/ul	0.00
49) Acenaphthylene-d8	14.299	160	142140	20.079	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.839	143	13447	18.745	ng/ul	-0.01
60) Fluorene-d10	15.603	176	102264	20.716	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.744	200	19816	17.715	ng/ul	0.00
73) Anthracene-d10	17.459	188	166652	20.019	ng/ul	0.00
81) Pyrene-d10	19.756	212	192190	20.184	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.626	264	202337	19.371	ng/ul	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.337	88	6521	9.844	ng/uL#	82
5) Pyridine	3.760	79	53152	24.490	ng/ul#	89
6) Benzaldehyde	7.079	77	37746	30.495	ng/ul	98
8) Phenol	7.149	94	58389	26.555	ng/ul	96
10) Bis(2-Chloroethyl)ether	7.361	93	38607	23.682	ng/ul	98
12) 2-Chlorophenol	7.514	128	35912	19.888	ng/ul#	82
13) 2-Methylphenol	8.407	108	36330	20.528	ng/ul	98
14) 2,2'-oxybis(1-Chloropr...	8.477	45	32808	19.941	ng/ul	99
16) Acetophenone	8.777	105	59574	23.064	ng/ul#	96
17) N-Nitroso-di-n-propyla...	8.753	70	30177	21.909	ng/ul	90
18) 4-Methylphenol	8.736	108	39459	23.475	ng/ul#	80
19) Hexachloroethane	9.029	117	18217	24.186	ng/ul	92
22) Nitrobenzene	9.164	77	48352	17.012	ng/ul	99
23) Isophorone	9.681	82	82379	15.178	ng/ul	97
25) 2-Nitrophenol	9.875	139	20979	16.025	ng/ul	91
26) 2,4-Dimethylphenol	9.940	107	53277	17.101	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.169	93	57710	17.529	ng/ul	95
29) 2,4-Dichlorophenol	10.427	162	59250	25.576	ng/ul	98
30) Naphthalene	10.815	128	147506	20.199	ng/ul	99
32) 4-Chloroaniline	10.938	127	63655	21.656	ng/ul	90
33) Hexachlorobutadiene	11.091	225	37684	20.522	ng/ul	95
34) Caprolactam	11.702	113	14052m >	19.937	ng/ul >	09/10/21 JU
35) 4-Chloro-3-methylphenol	12.072	107	43063	16.493	ng/ul	96

Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050189.D
Acq On : 8 Sep 2021 6:58
Operator : CG/JU
Sample : SSTDCCC020
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Sep 08 11:25:28 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG090721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Sep 07 18:32:38 2021
Response via : Initial Calibration

Instrument : BNA_G
LabSampleId : SSTDCCC020

Manual Integrations APPROVED
mohammad
9/9/2021 8:40:49 AM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.431	142	85256	15.788	ng/ul	96
37) 1-Methylnaphthalene	12.648	142	87316	16.839	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.801	216	49540	18.603	ng/ul#	96
40) Hexachlorocyclopentadiene	12.771	237	12152	16.829	ng/ul#	94
41) 2,4,6-Trichlorophenol	13.047	196	28458	18.927	ng/ul	98
42) 2,4,5-Trichlorophenol	13.135	196	29938	19.040	ng/ul	94
43) 1,1'-Biphenyl	13.435	154	111819	19.672	ng/ul	97
44) 2-Chloronaphthalene	13.482	162	88798	19.865	ng/ul	95
45) 2-Nitroaniline	13.699	65	28988	20.484	ng/ul	92
47) Dimethylphthalate	14.058	163	115400	20.336	ng/ul	98
48) 2,6-Dinitrotoluene	14.193	165	25079	20.757	ng/ul#	79
50) Acenaphthylene	14.328	152	129897	19.634	ng/ul	95
51) 3-Nitroaniline	14.522	138	19476	17.706	ng/ul	90
52) Acenaphthene	14.675	153	94422	20.029	ng/ul	94
53) 2,4-Dinitrophenol	14.757	184	10824	21.874	ng/ul#	66
55) 4-Nitrophenol	14.857	109	15577	19.512	ng/ul#	88
56) Dibenzofuran	15.009	168	131064	20.208	ng/ul	99
57) 2,4-Dinitrotoluene	14.986	165	36348	21.052	ng/ul	87
58) 2,3,4,6-Tetrachlorophenol	15.244	232	24753	20.785	ng/ul#	95
59) Diethylphthalate	15.421	149	118939	20.738	ng/ul	97
61) Fluorene	15.661	166	110549	20.330	ng/ul	89
62) 4-Chlorophenyl-phenyle...	15.650	204	58462	20.192	ng/ul	99
63) 4-Nitroaniline	15.685	138	15549	15.178	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.761	198	17408	17.523	ng/ul#	91
67) N-Nitrosodiphenylamine	15.861	169	94388	18.824	ng/ul	99
68) 4-Bromophenyl-phenylether	16.543	248	41922	19.077	ng/ul	99
69) Hexachlorobenzene	16.672	284	46245	18.561	ng/ul	96
70) Atrazine	16.813	200	42684	20.302	ng/ul	94
71) Pentachlorophenol	17.030	266	12947m	18.971	ng/ul	0q//0121 JU
72) Phenanthrene	17.406	178	183557	19.408	ng/ul	96
74) Anthracene	17.494	178	190981	19.914	ng/ul	97
75) 1,2,3,4-Tetrachloroben...	13.406	216	49600	17.260	ng/uL	93
76) Pentachlorobenzene	14.933	250	52895	17.826	ng/uL	94
77) Carbazole	17.770	167	167100	19.764	ng/ul	98
78) Di-n-butylphthalate	18.317	149	206636	20.210	ng/ul	98
80) Fluoranthene	19.421	202	235691	19.916	ng/ul#	97
82) Pyrene	19.785	202	238769	20.570	ng/ul	99
83) Butylbenzylphthalate	20.661	149	91400	20.589	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.530	252	82420	19.989	ng/ul	97
85) Benzo(a)anthracene	21.618	228	234945	20.076	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.506	149	128202	19.337	ng/ul	98
87) Chrysene	21.683	228	220325	20.196	ng/ul	96
89) Di-n-octyl phthalate	22.705	149	220548	19.313	ng/ul	100
90) Benzo(b)fluoranthene	23.827	252	237891	19.265	ng/ul#	98
91) Benzo(k)fluoranthene	23.891	252	233080	19.773	ng/ul	98
93) Benzo(a)pyrene	24.696	252	211559	19.597	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.526	276	270583	19.128	ng/ul#	95
95) Dibenzo(a,h)anthracene	28.579	278	224018	19.090	ng/ul#	99
96) Benzo(g,h,i)perylene	29.684	276	221342	19.529	ng/ul	97

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