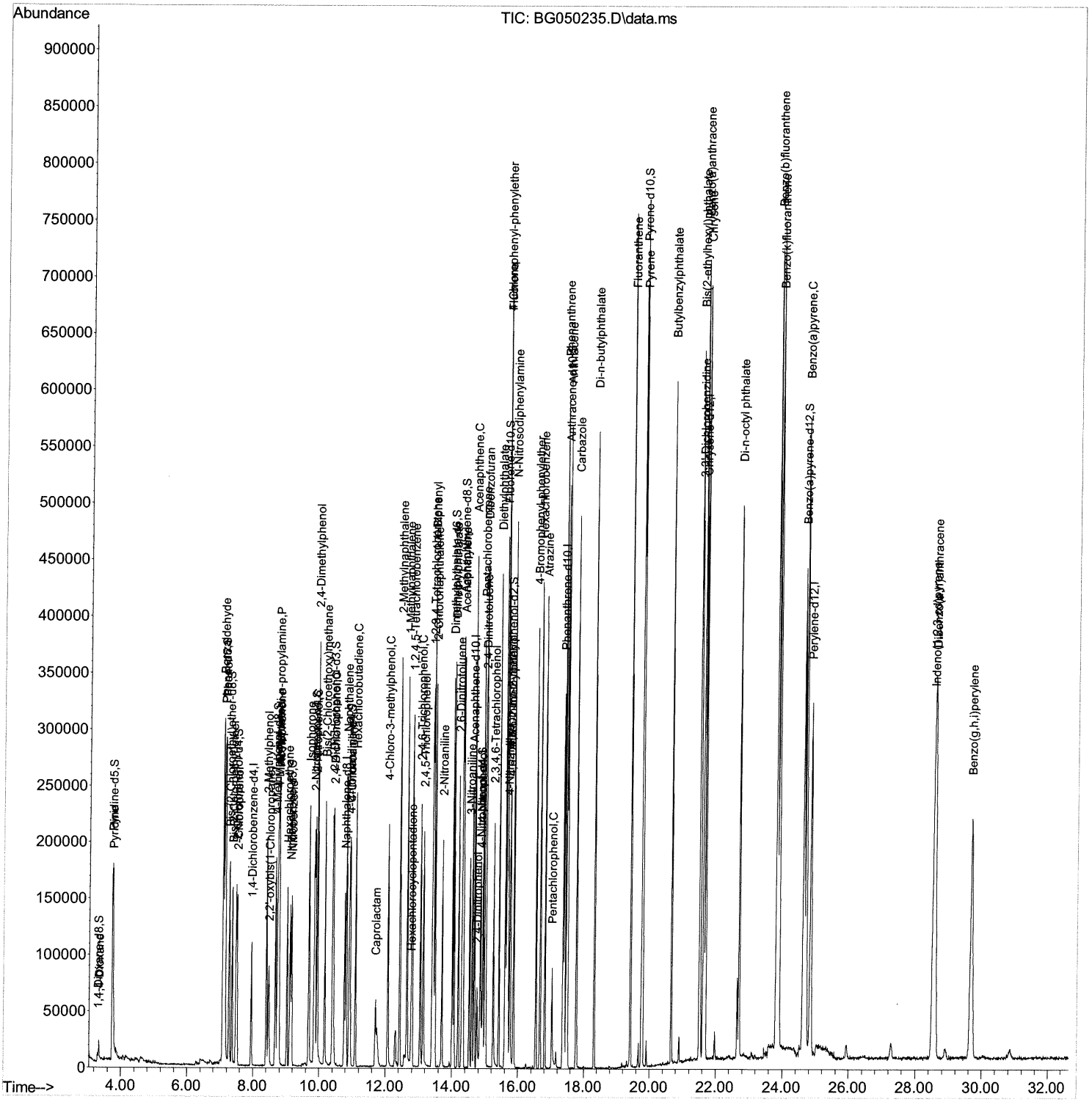
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050235.D
Acq On : 9 Sep 2021 18:42
Operator : CG/JU
Sample : PB138845BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Sep 10 01:17:47 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
ClientSampleId :
SLCS845

Manual Integrations APPROVED
mohammad
9/14/2021 2:50:06 PM



Quantitation Report (Qedit)

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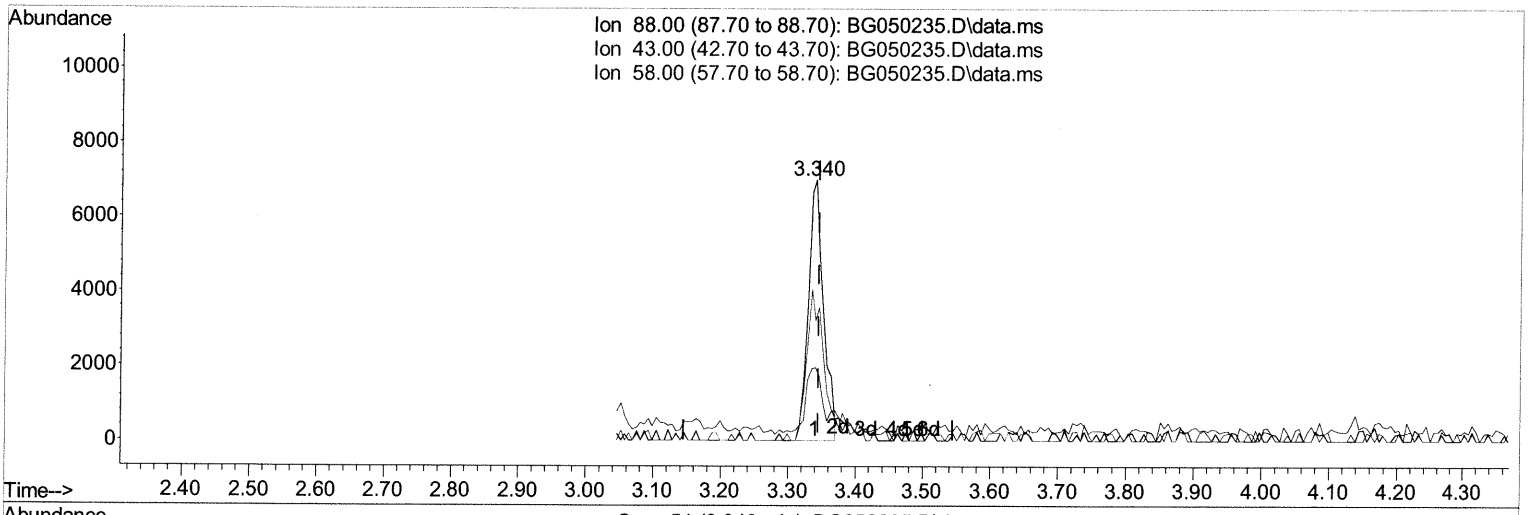
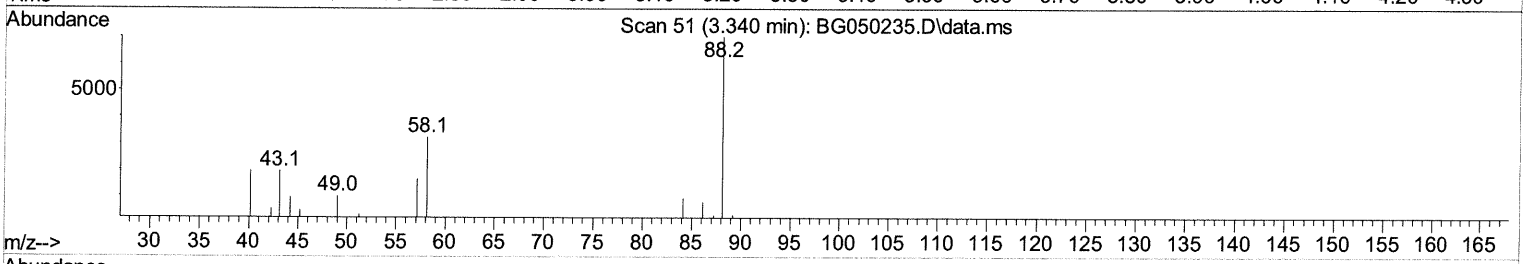
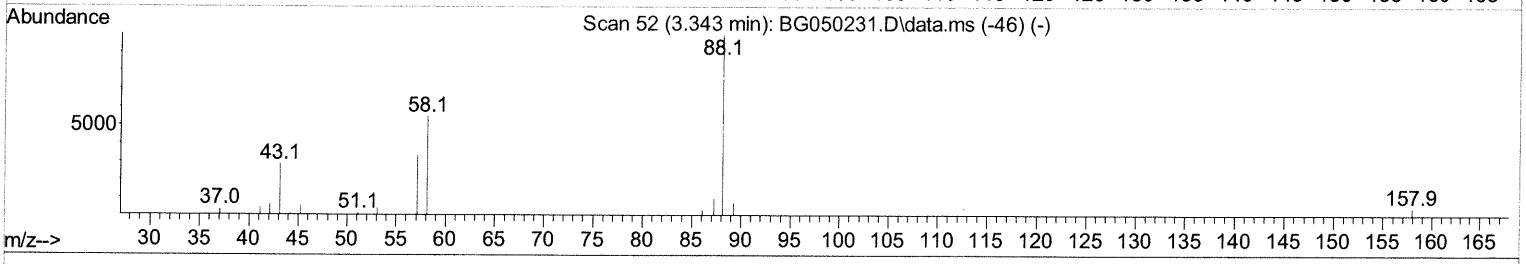
mohammad
9/14/2021 2:50:06 PM







TIC: BG050235.D\data.ms

(2) 1,4-Dioxane

3.340min (-0.005) 15.56 ng/uL

response 11175

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.00	27.86
58.00	65.00	46.09#
0.00	0.00	0.00

Quantitation Report (Qedit)

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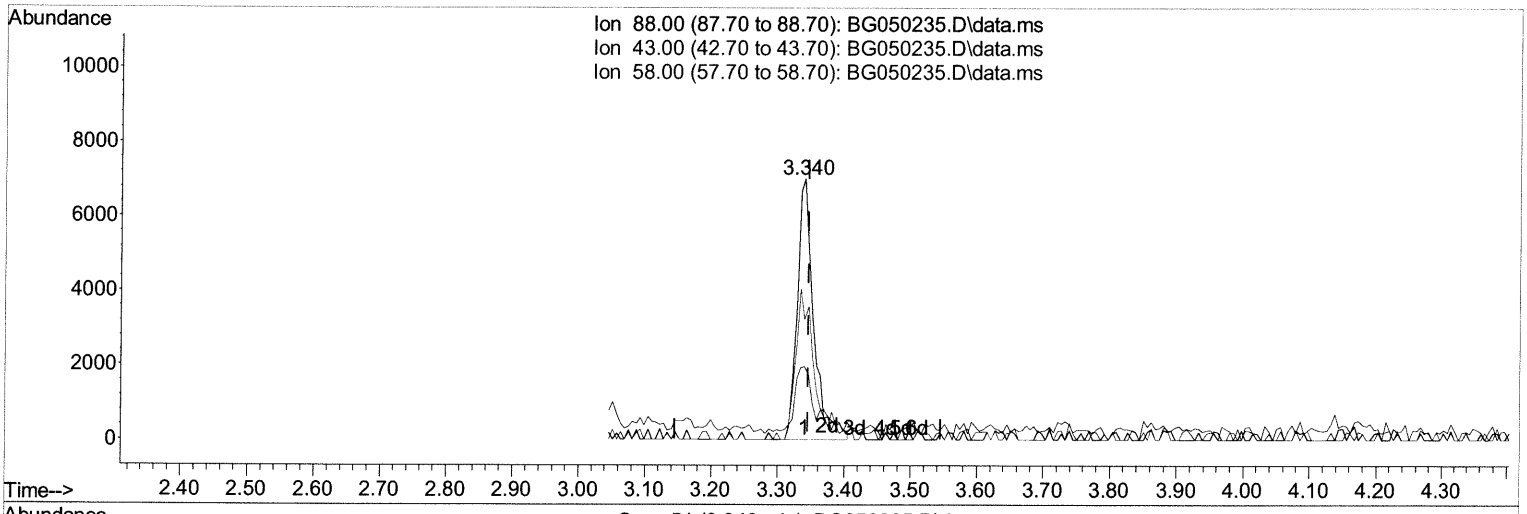
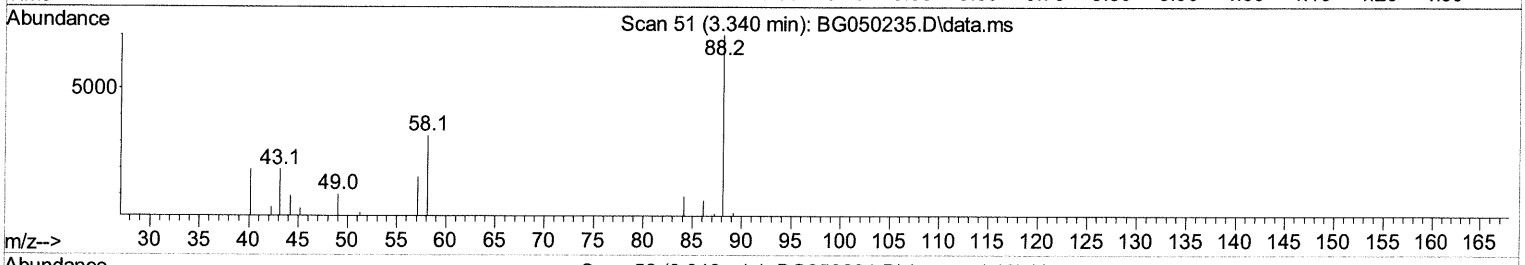
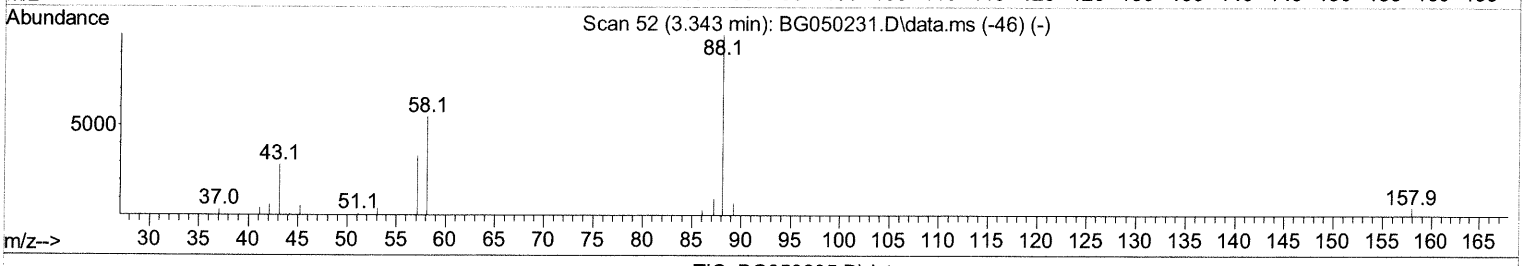
Manual Integrations APPROVED
mohammad
9/14/2021 2:50:06 PM







TIC: BG050235.D\data.ms

(2) 1,4-Dioxane

3.340min (-0.005) 16.73 ng/uL m 09/16/21 JU

response 12015

Ion	Exp%	Act%
88.00	100.00	100.00
43.00	27.00	27.86
58.00	65.00	46.09#
0.00	0.00	0.00

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Manual Integrations APPROVED
mohammad
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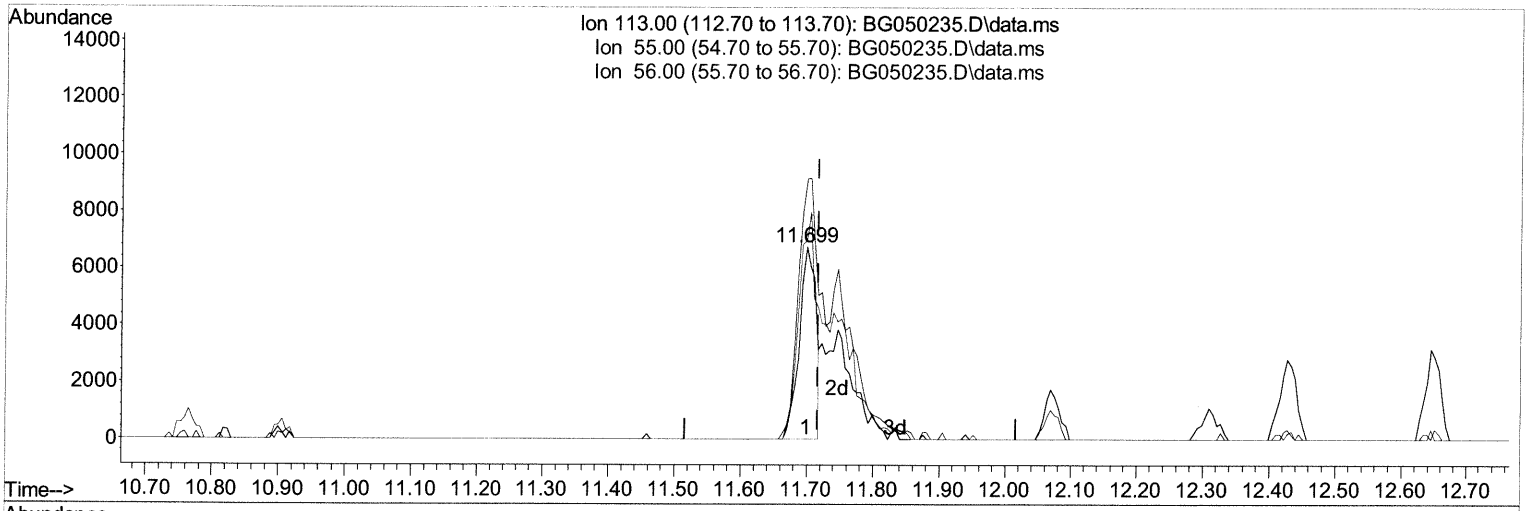

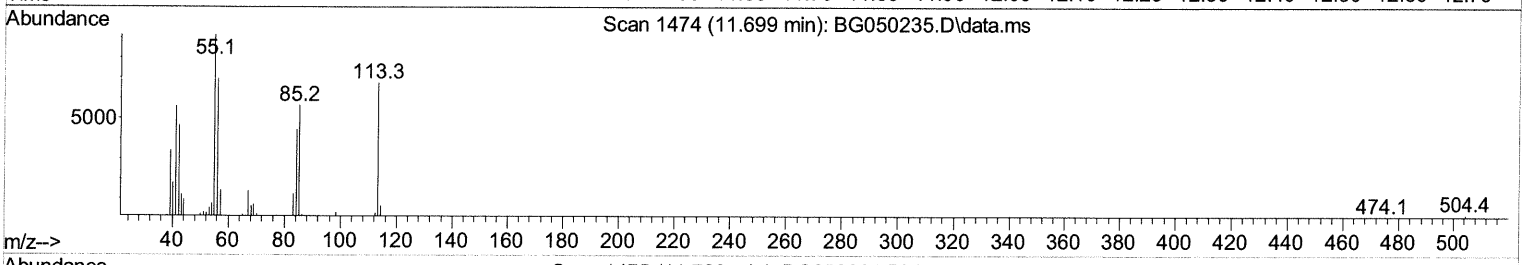

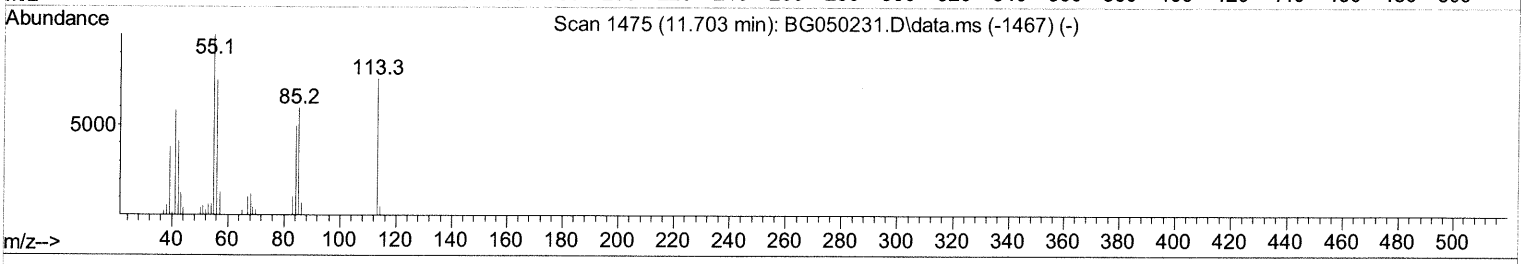

TIC: BG050235.D\data.ms

(34) Caprolactam

11.699min (-0.017) 19.97 ng/ul

response 11664

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	135.30
56.00	134.20	103.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050235.D
Acq On : 9 Sep 2021 18:42
Operator : CG/JU
Sample : PB138845BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Sep 10 01:17:47 2021
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Quant Title : SVOA CALIBRATION
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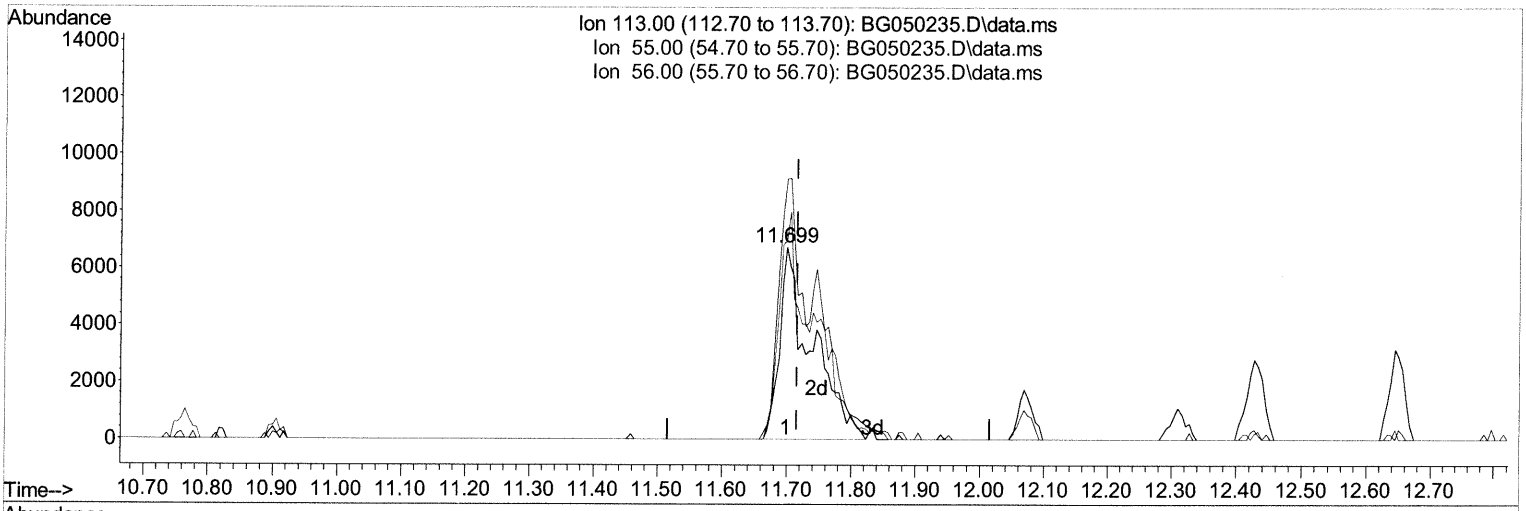
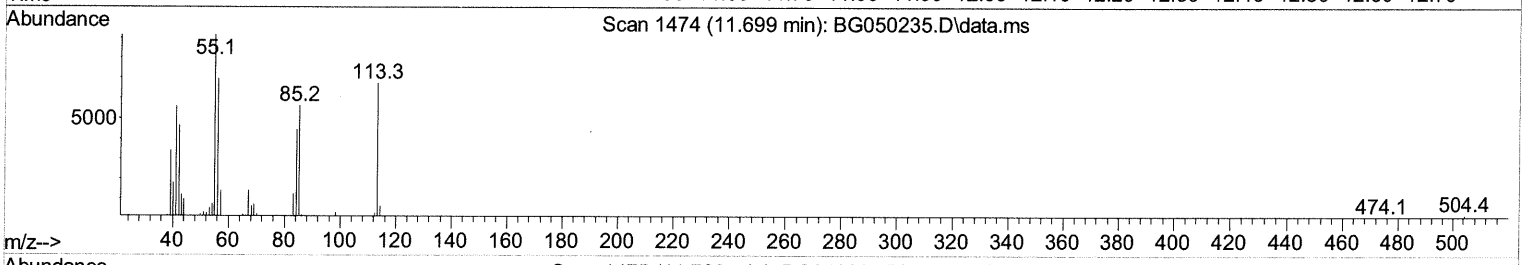
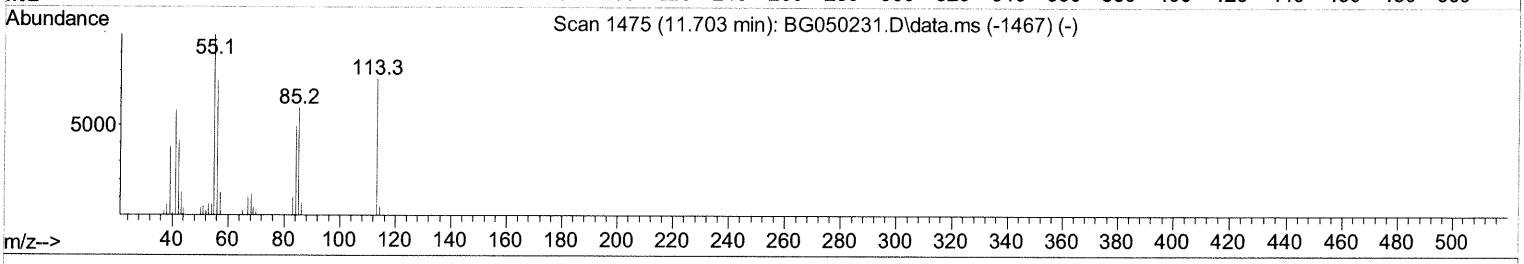
Instrument :
BNA_G
ClientSampleId :
SLCS845

Manual Integrations APPROVED
mohammad
9/14/2021 2:50:06 PM







TIC: BG050235.D\data.ms

(34) Caprolactam

11.699min (-0.017) 40.04 ng/ul m 09/16/21 JU

response 23391

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	135.30
56.00	134.20	103.24#
0.00	0.00	0.00

Quantitation Report (Qedit)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090721\
Data File : BG050235.D
Acq On : 9 Sep 2021 18:42
Operator : CG/JU
Sample : PB138845BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Sep 10 01:17:47 2021
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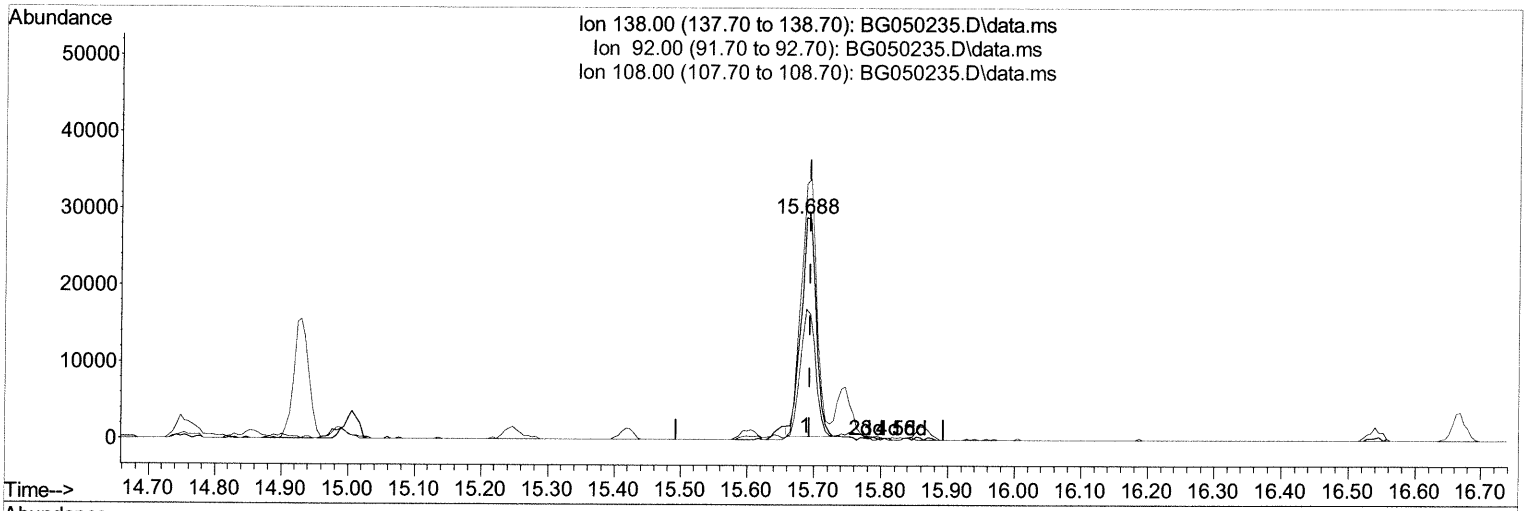
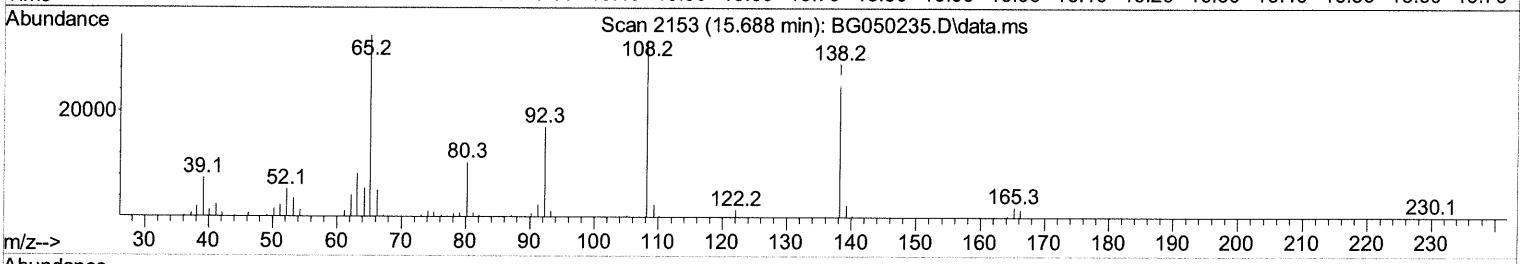
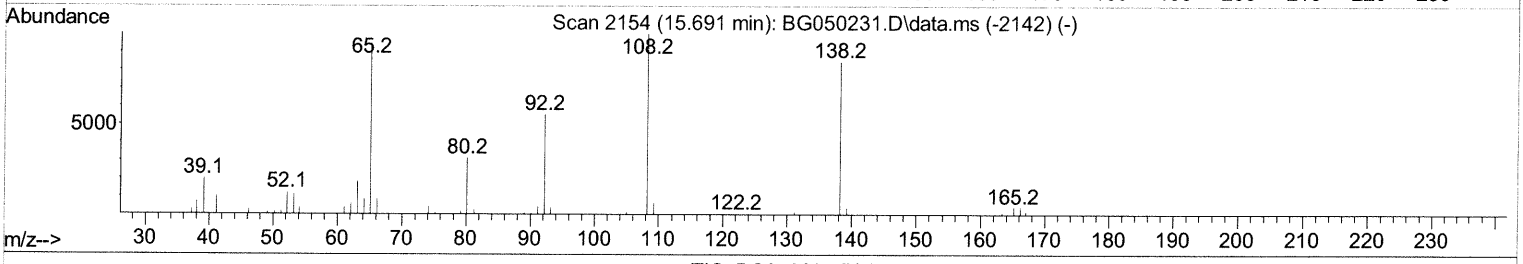
Instrument :
BNA_G
ClientSampleId :
SLCS845

Manual Integrations APPROVED
mohammad
9/14/2021 2:50:06 PM







TIC: BG050235.D\data.ms

(63) 4-Nitroaniline

15.688min (-0.005) 38.41 ng/ul

response 45148

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.50	58.74
108.00	127.30	115.32
0.00	0.00	0.00

Quantitation Report (Qedit)

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Acq On : 9 Sep 2021 18:42
Operator : CG/JU
Sample : PB138845BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

Quant Time: Sep 10 01:17:47 2021
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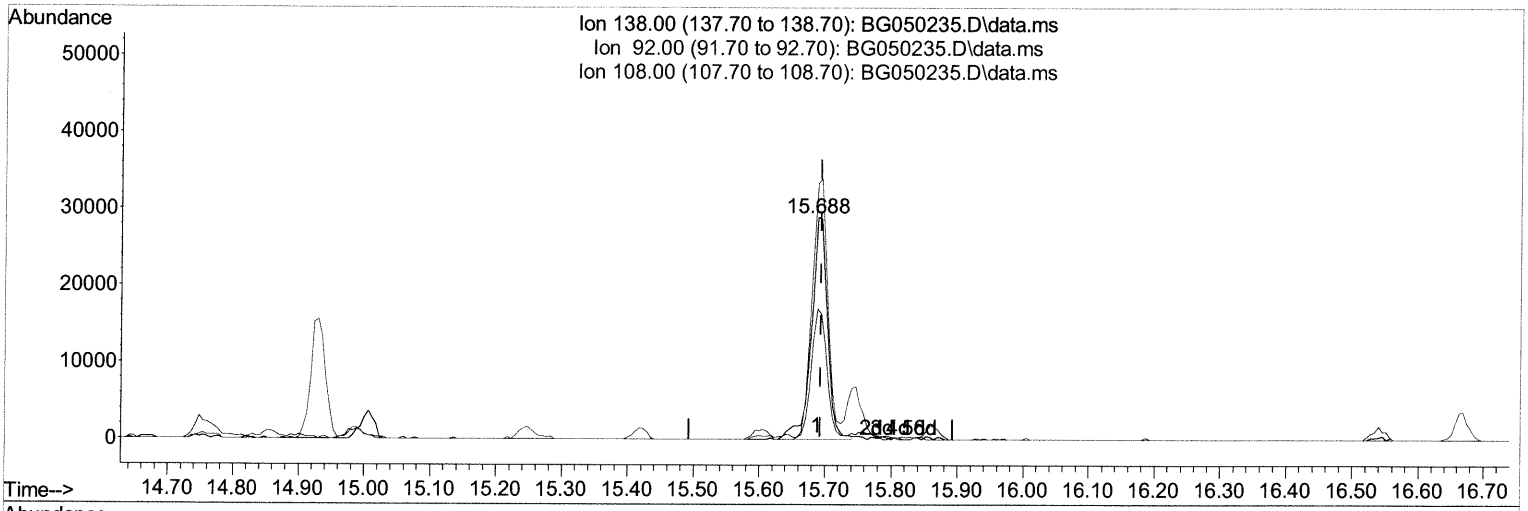
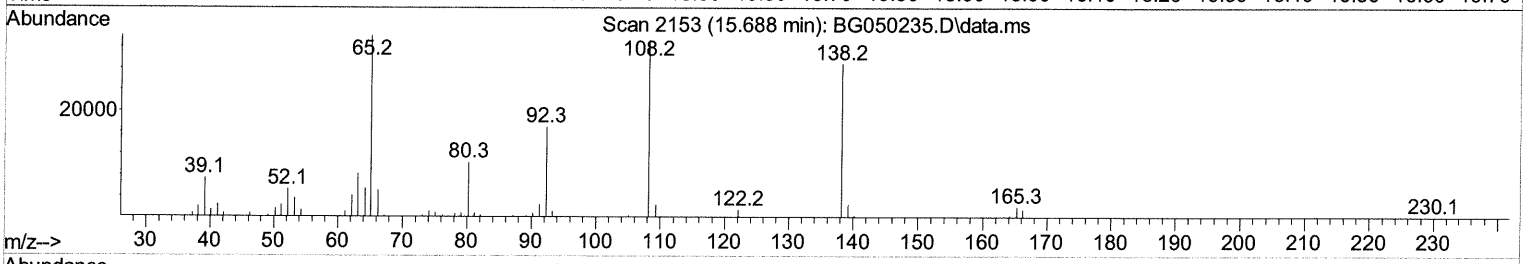
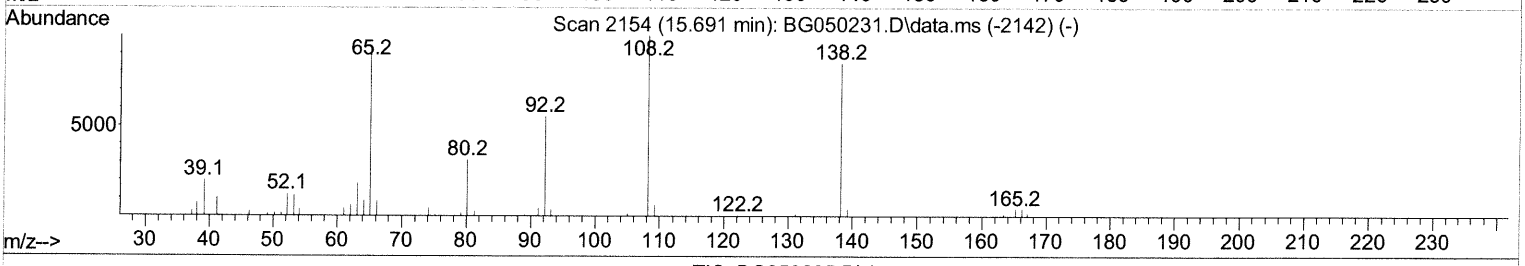
Instrument :
BNA_G
ClientSampleId :
SLCS845

Manual Integrations APPROVED
mohammad
9/14/2021 2:50:06 PM







TIC: BG050235.D\data.ms

(63) 4-Nitroaniline

15.688min (-0.005) 41.66 ng/ul m 09/16/21 JU

response 48971

Ion	Exp%	Act%
138.00	100.00	100.00
92.00	62.50	58.74
108.00	127.30	115.32
0.00	0.00	0.00

Quantitation Report (Qedit)

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Misc :
ALS Vial : 63 Sample Multiplier: 1

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Instrument :
BNA_G
ClientSampleId :
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Manual Integrations APPROVED
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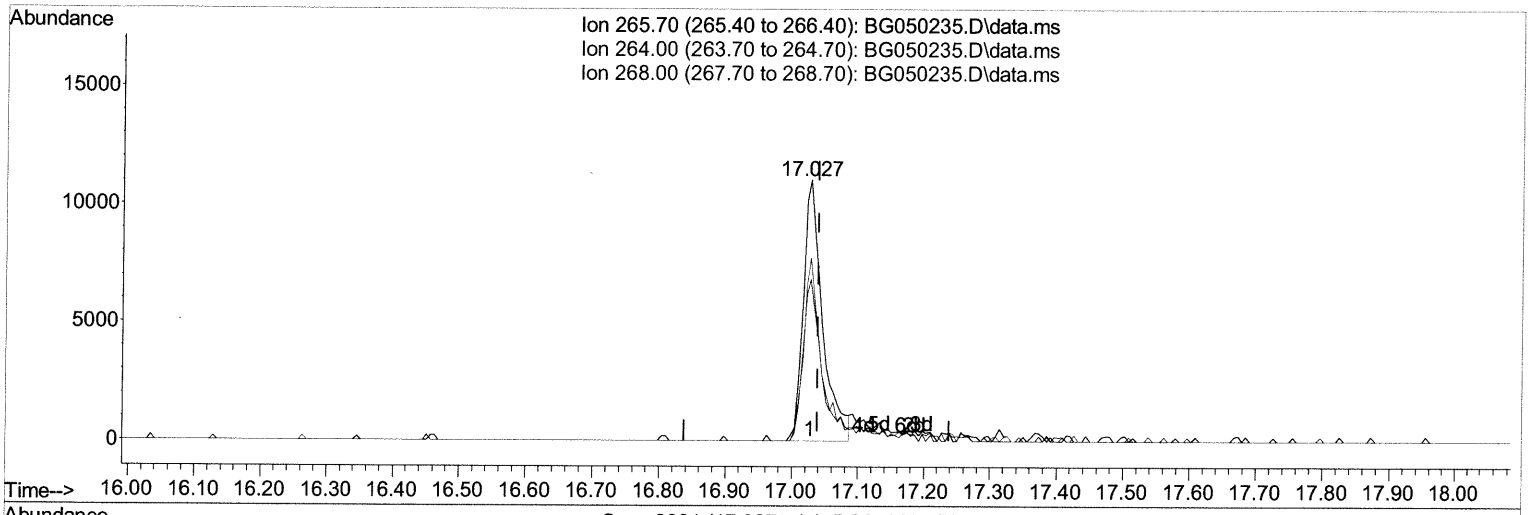
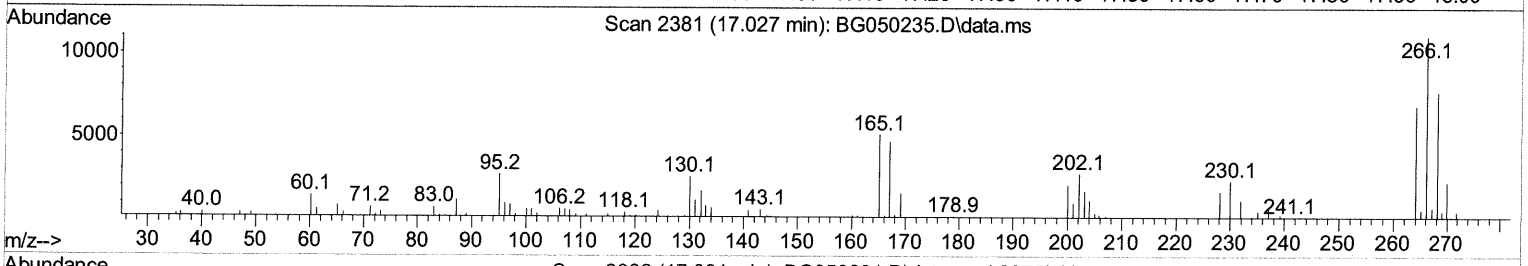
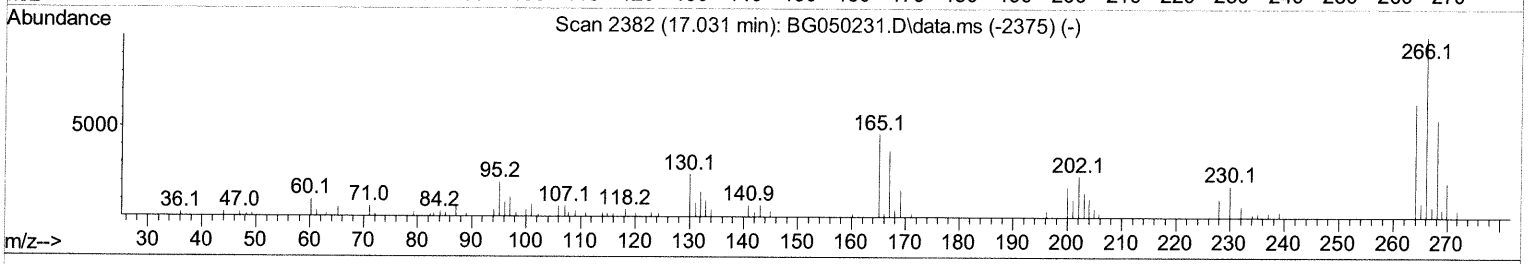
9/14/2021 2:50:06 PM







TIC: BG050235.D\data.ms

(71) Pentachlorophenol (C)

17.027min (-0.011) 29.97 ng/ul

response 22445

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.60	61.81
268.00	65.70	70.06
0.00	0.00	0.00

Quantitation Report (Qedit)

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Manual Integrations APPROVED
mohammad
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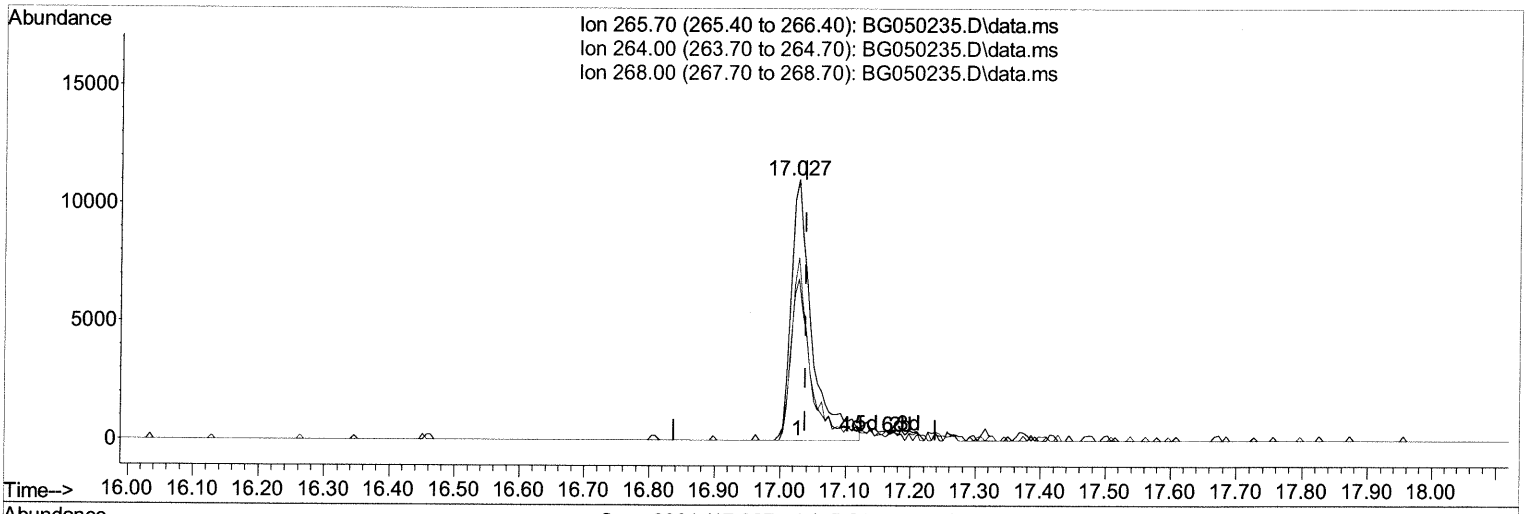

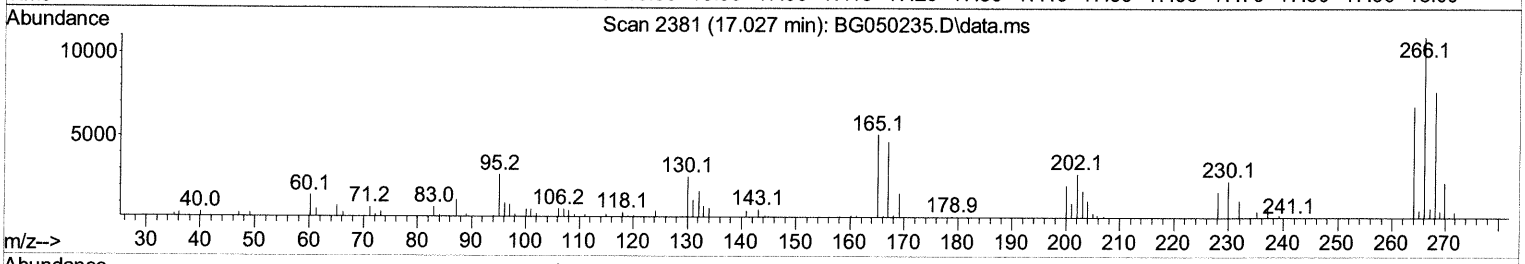

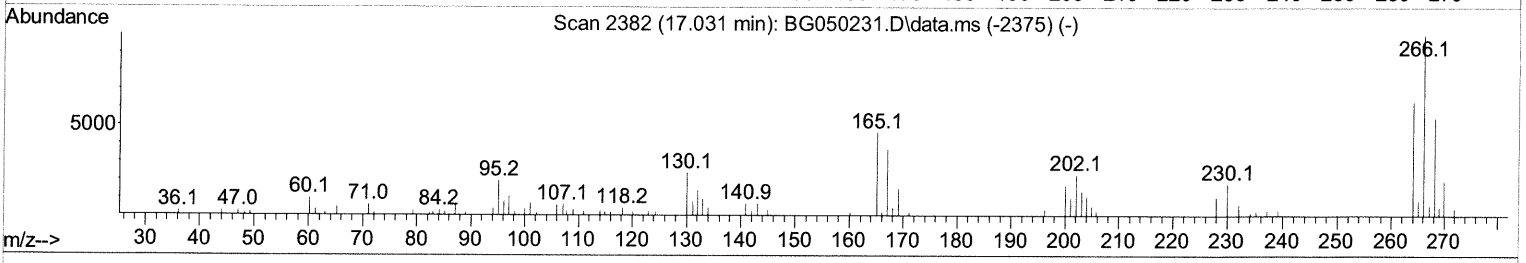

TIC: BG050235.D\data.ms

(71) Pentachlorophenol (C)

17.027min (-0.011) 32.19 ng/ul m 09/16/21 JU

response 24112

Ion	Exp%	Act%
265.70	100.00	100.00
264.00	67.60	61.81
268.00	65.70	70.06
0.00	0.00	0.00

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Manual Integrations APPROVED
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9/14/2021 2:50:06 PM

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.945	152	31185	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.765	136	131784	20.000	ng/ul	-0.01
38) Acenaphthene-d10	14.607	164	90345	20.000	ng/ul	-0.01
64) Phenanthrene-d10	17.362	188	203504	20.000	ng/ul	0.00
79) Chrysene-d12	21.633	240	208021	20.000	ng/ul	0.00
88) Perylene-d12	24.846	264	315378	20.000	ng/ul	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.304	96	4668	7.400	ng/uL	0.00
4) Pyridine-d5	3.727	84	95174	42.505	ng/ul	-0.01
7) Phenol-d5	7.117	99	164882	68.097	ng/ul	-0.01
9) Bis-(2-Chloroethyl)eth...	7.264	67	89051	62.974	ng/ul	-0.02
11) 2-Chlorophenol-d4	7.481	132	73004	36.329	ng/ul	0.00
15) 4-Methylphenol-d8	8.674	113	70159	36.853	ng/ul	0.00
21) Nitrobenzene-d5	9.120	128	34748	38.415	ng/ul	0.00
24) 2-Nitrophenol-d4	9.843	143	67165	61.064	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.395	165	82605	39.349	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.906	131	86365	33.392	ng/ul	-0.01
46) Dimethylphthalate-d6	14.008	166	232286	34.051	ng/ul	-0.01
49) Acenaphthylene-d8	14.301	160	276471	34.036	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.842	143	28559	34.696	ng/ul	-0.01
60) Fluorene-d10	15.600	176	195953	34.595	ng/ul	-0.01
65) 4,6-Dinitro-2-methylph...	15.746	200	42319	34.474	ng/ul	0.00
73) Anthracene-d10	17.462	188	309177	33.843	ng/ul	0.00
81) Pyrene-d10	19.753	212	381215	36.791	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.634	264	463735	27.777	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.340	88	12015m	> 16.727	ng/uL	> 09/16/2134
5) Pyridine	3.751	79	94544	40.172	ng/ul	89
6) Benzaldehyde	7.082	77	124687	92.896	ng/ul	99
8) Phenol	7.146	94	167600	70.291	ng/ul	88
10) Bis(2-Chloroethyl)ether	7.364	93	92564	52.360	ng/ul	97
12) 2-Chlorophenol	7.510	128	69678	35.584	ng/ul#	86
13) 2-Methylphenol	8.403	108	70960	36.975	ng/ul	91
14) 2,2'-oxybis(1-Chloropr...	8.474	45	63414	35.543	ng/ul#	93
16) Acetophenone	8.779	105	115670	41.296	ng/ul#	94
17) N-Nitroso-di-n-propyla...	8.756	70	58420	39.112	ng/ul	92
18) 4-Methylphenol	8.738	108	73340	40.235	ng/ul	85
19) Hexachloroethane	9.026	117	30525	37.372	ng/ul	94
22) Nitrobenzene	9.161	77	89275	37.897	ng/ul	99
23) Isophorone	9.684	82	197313	43.863	ng/ul	96
25) 2-Nitrophenol	9.878	139	67654	62.349	ng/ul#	86
26) 2,4-Dimethylphenol	9.937	107	143143	55.436	ng/ul	89
27) Bis(2-Chloroethoxy)met...	10.166	93	129232	47.360	ng/ul	96
29) 2,4-Dichlorophenol	10.424	162	78425	40.844	ng/ul	97
30) Naphthalene	10.818	128	226513	37.425	ng/ul	99
32) 4-Chloroaniline	10.929	127	87275	35.823	ng/ul#	87
33) Hexachlorobutadiene	11.094	225	56851	37.354	ng/ul	96
34) Caprolactam	11.699	113	23391m	> 40.042	ng/ul	> 09/16/2134
35) 4-Chloro-3-methylphenol	12.069	107	83193	38.443	ng/ul	98

Quantitation Report (QT Reviewed)

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Sample : PB138845BS
Misc :
ALS Vial : 63 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SLCS845

Manual Integrations APPROVED
mohammad
9/14/2021 2:50:06 PM

Quant Time: Sep 10 01:17:47 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

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.427	142	169095	37.780 ng/ul	96
37) 1-Methylnaphthalene	12.651	142	162664	37.849 ng/ul	97
39) 1,2,4,5-Tetrachloroben...	12.797	216	99375	32.521 ng/ul#	97
40) Hexachlorocyclopentadiene	12.768	237	18843	22.742 ng/ul#	80
41) 2,4,6-Trichlorophenol	13.044	196	57441	33.294 ng/ul	90
42) 2,4,5-Trichlorophenol	13.132	196	60315	33.431 ng/ul	91
43) 1,1'-Biphenyl	13.438	154	220444	33.799 ng/ul	99
44) 2-Chloronaphthalene	13.485	162	173917	33.907 ng/ul	99
45) 2-Nitroaniline	13.696	65	56322	34.685 ng/ul	97
47) Dimethylphthalate	14.055	163	232137	35.652 ng/ul	99
48) 2,6-Dinitrotoluene	14.190	165	51126	36.878 ng/ul	93
50) Acenaphthylene	14.331	152	260204	34.276 ng/ul	98
51) 3-Nitroaniline	14.525	138	47542	37.668 ng/ul	97
52) Acenaphthene	14.671	153	186520	34.482 ng/ul	93
53) 2,4-Dinitrophenol	14.748	184	20401	35.931 ng/ul#	81
55) 4-Nitrophenol	14.853	109	33497	36.568 ng/ul	91
56) Dibenzofuran	15.006	168	259919	34.926 ng/ul	100
57) 2,4-Dinitrotoluene	14.989	165	72573	36.633 ng/ul#	94
58) 2,3,4,6-Tetrachlorophenol	15.241	232	52308	38.279 ng/ul	92
59) Diethylphthalate	15.417	149	242310	36.820 ng/ul	99
61) Fluorene	15.658	166	218012	34.941 ng/ul	97
62) 4-Chlorophenyl-phenyle...	15.647	204	115907	34.889 ng/ul	98
63) 4-Nitroaniline	15.688	138	48971m >	41.660 ng/ul >	09/16/21 JU
66) 4,6-Dinitro-2-methylph...	15.758	198	38271	35.103 ng/ul#	95
67) N-Nitrosodiphenylamine	15.864	169	187031	33.989 ng/ul	98
68) 4-Bromophenyl-phenylether	16.539	248	83242	34.518 ng/ul	96
69) Hexachlorobenzene	16.669	284	94937	34.722 ng/ul	94
70) Atrazine	16.816	200	86017	37.281 ng/ul	99
71) Pentachlorophenol	17.027	266	24112m >	32.194 ng/ul >	09/16/21 JU
72) Phenanthrene	17.403	178	370382	35.685 ng/ul	96
74) Anthracene	17.497	178	360706	34.273 ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.408	216	104057	32.995 ng/uL	88
76) Pentachlorobenzene	14.930	250	104176	31.992 ng/uL	95
77) Carbazole	17.767	167	324754	35.001 ng/ul	98
78) Di-n-butylphthalate	18.314	149	405718	36.158 ng/ul	98
80) Fluoranthene	19.418	202	469955	36.492 ng/ul#	96
82) Pyrene	19.782	202	465221	36.831 ng/ul	98
83) Butylbenzylphthalate	20.657	149	180730	37.412 ng/ul	96
84) 3,3'-Dichlorobenzidine	21.527	252	162329	36.178 ng/ul	97
85) Benzo(a)anthracene	21.615	228	449777	35.318 ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.503	149	264142	36.612 ng/ul	99
87) Chrysene	21.680	228	427410	36.003 ng/ul	96
89) Di-n-octyl phthalate	22.696	149	449199	24.610 ng/ul	100
90) Benzo(b)fluoranthene	23.824	252	737425	37.363 ng/ul#	97
91) Benzo(k)fluoranthene	23.888	252	674846	35.819 ng/ul#	98
93) Benzo(a)pyrene	24.699	252	608409	35.260 ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.535	276	546810	24.185 ng/ul#	98
95) Dibenzo(a,h)anthracene	28.576	278	453083	24.157 ng/ul#	99
96) Benzo(g,h,i)perylene	29.675	276	459698	25.377 ng/ul	97

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