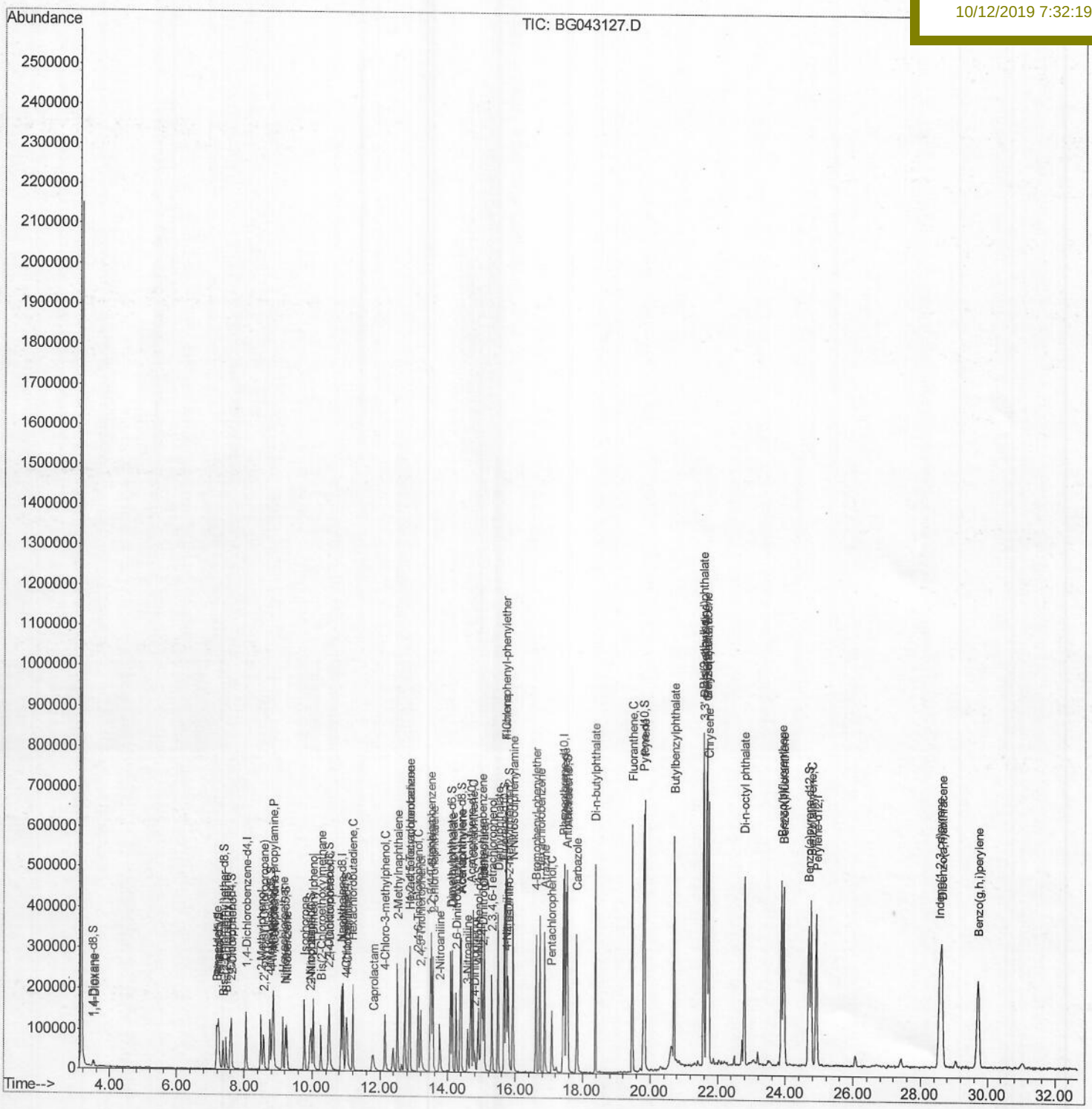
Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100919\
Data File : BG043127.D
Acq On : 10 Oct 2019 7:09
Operator : JU
Sample : SSTDCCC020
Misc :
ALS Vial : 24 Sample Multiplier: 1

Quant Time: Oct 10 17:04:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 09 15:33:22 2019
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02034

Manual Integrations APPROVED
mohammad
10/12/2019 7:32:19 AM



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Data File : BG043127.D
Acq On : 10 Oct 2019 7:09
Operator : JU
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Quant Time: Oct 10 11:45:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
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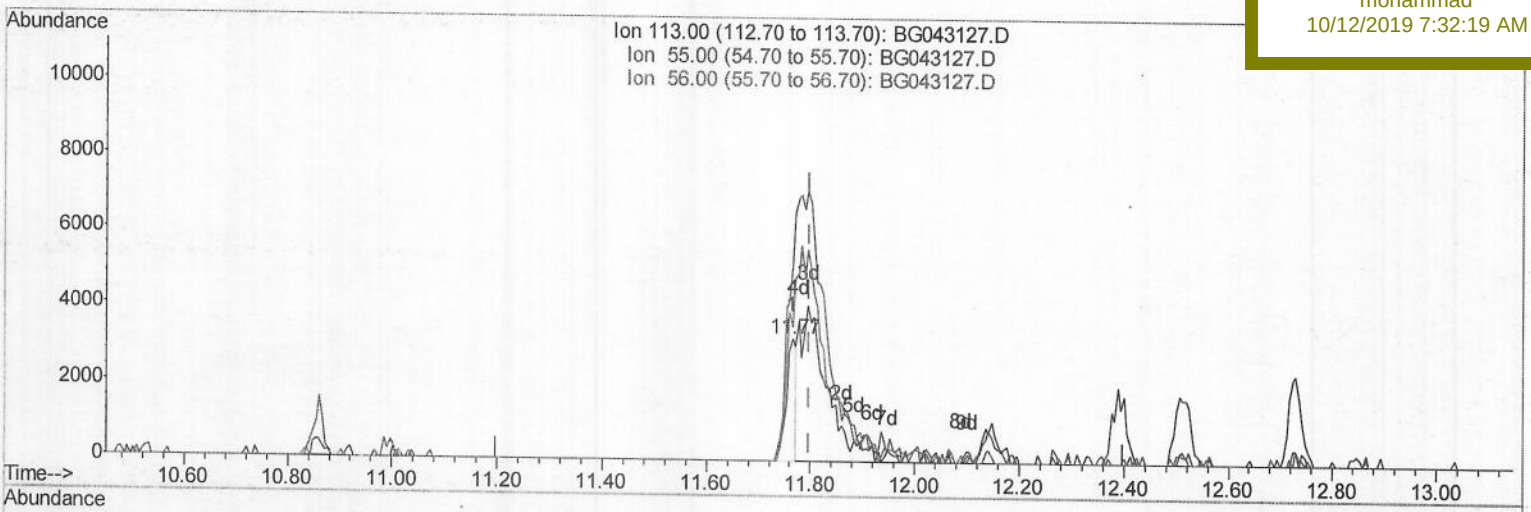

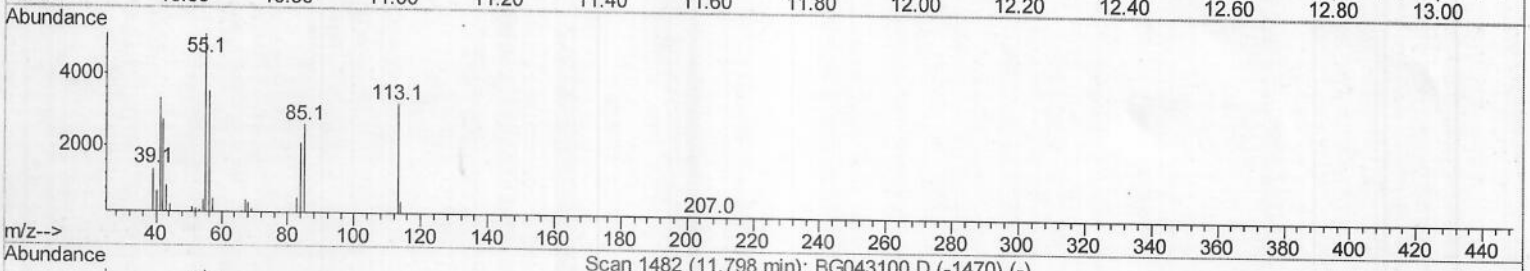

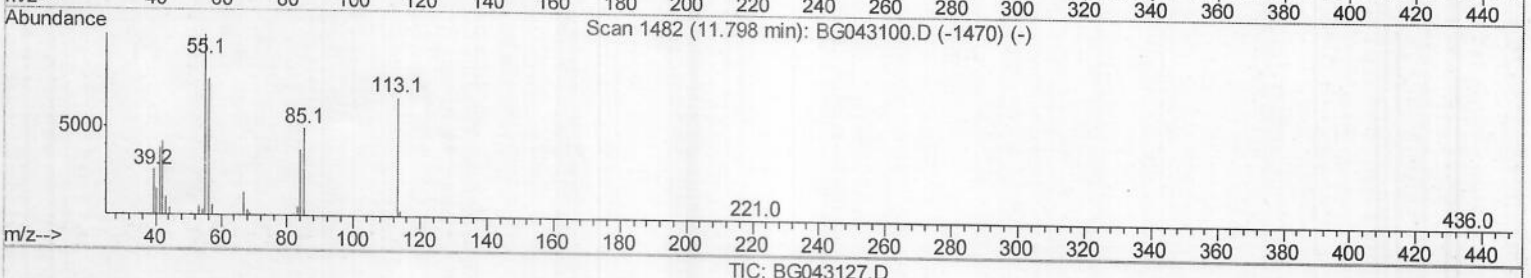

TIC: BG043127.D

(32) Caprolactam

11.765min (-0.033) 4.01ng/ul

response 4195

Ion	Exp%	Act%
113.00	100	100
55.00	149.80	159.62
56.00	113.70	110.15
0.00	0.00	0.00

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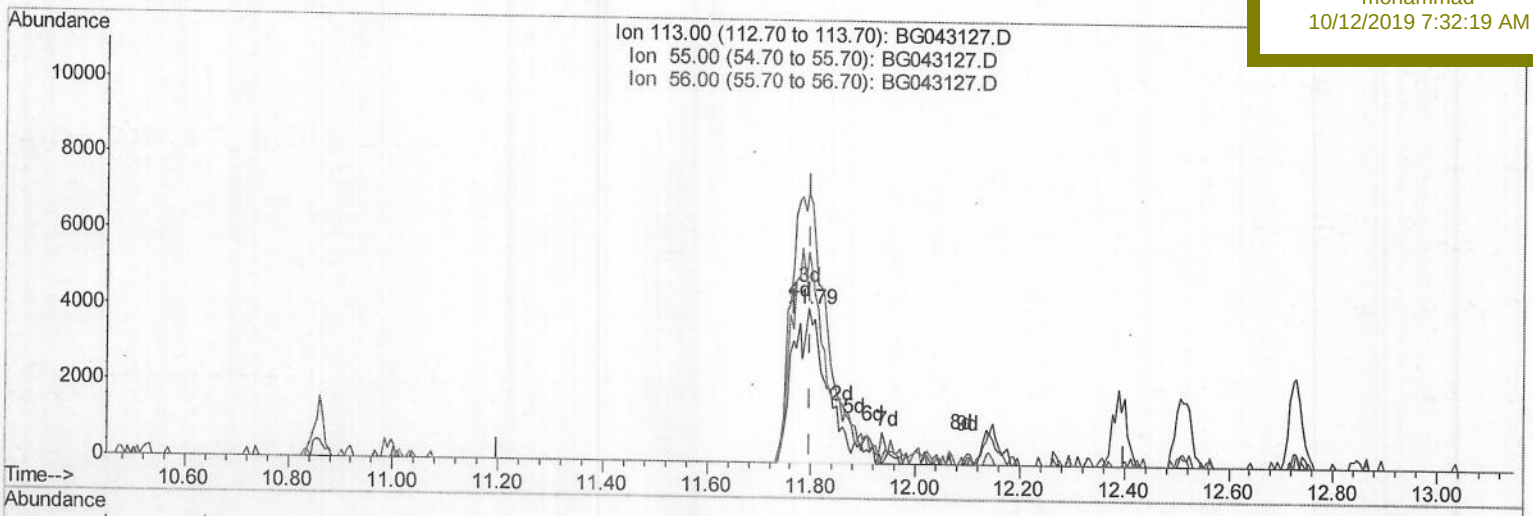

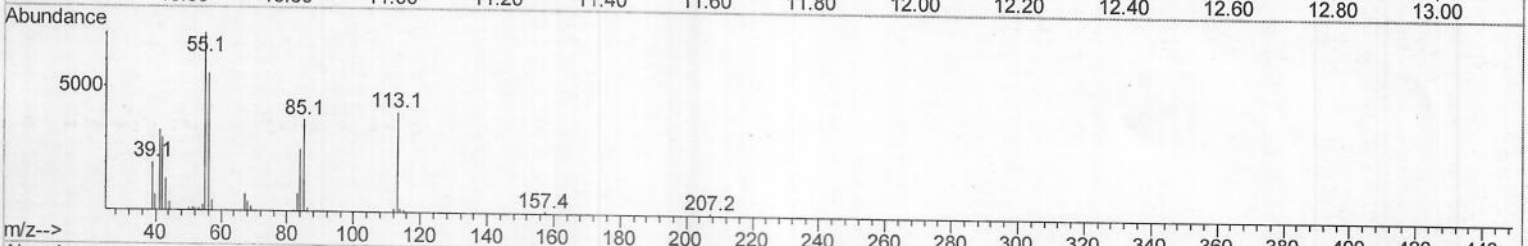

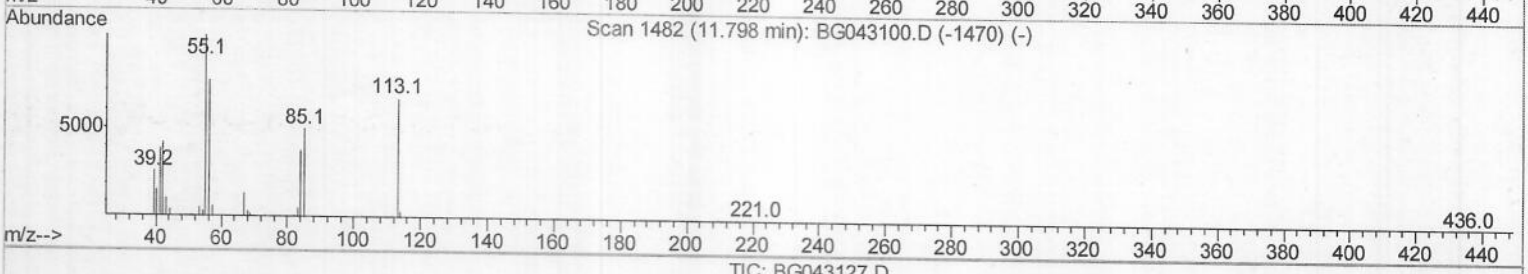

TIC: BG043127.D

(32) Caprolactam

11.795min (-0.003) 18.05ng/ul m JU 10/12/19

response 18900

Ion	Exp%	Act%
113.00	100	100
55.00	149.80	174.96
56.00	113.70	136.56#
0.00	0.00	0.00

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Acq On : 10 Oct 2019 7:09
Operator : JU
Sample : SSTDCCC020
Misc :
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Quant Time: Oct 10 11:52:05 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG100919MA.M
Quant Title : SVOA CALIBRATION
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Manual Integrations APPROVED
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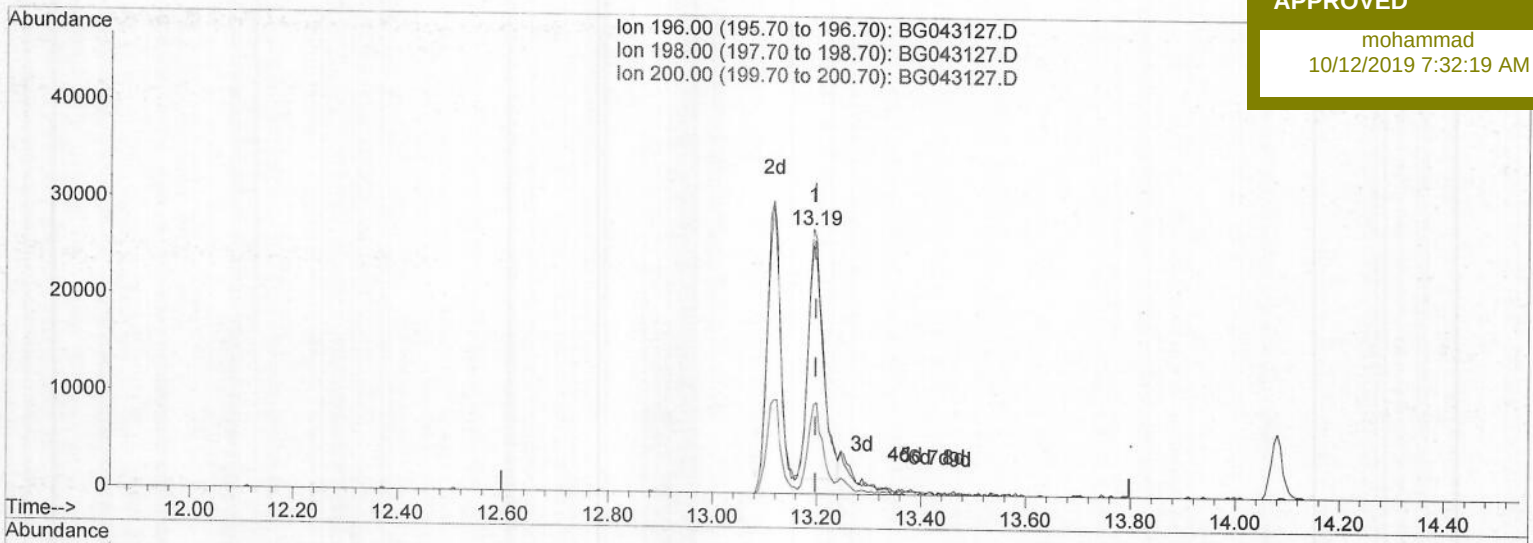

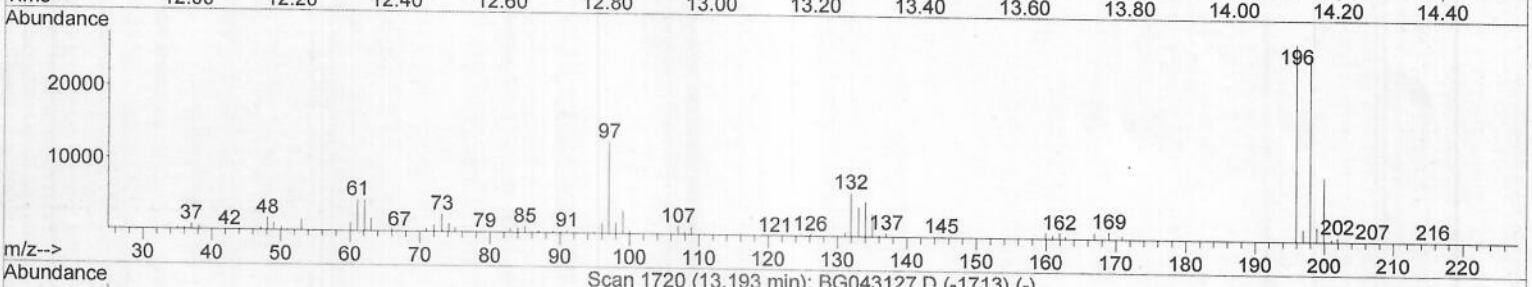

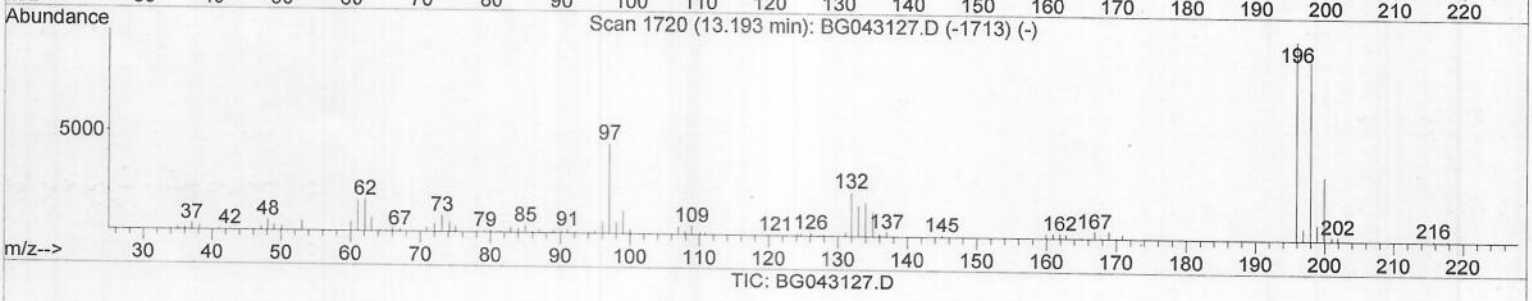

TIC: BG043127.D

(39) 2,4,5-Trichlorophenol

13.193min (-0.003) 15.77ng/ul

response 51385

Ion	Exp%	Act%
196.00	100	100
198.00	96.30	93.63
200.00	33.20	33.37
0.00	0.00	0.00

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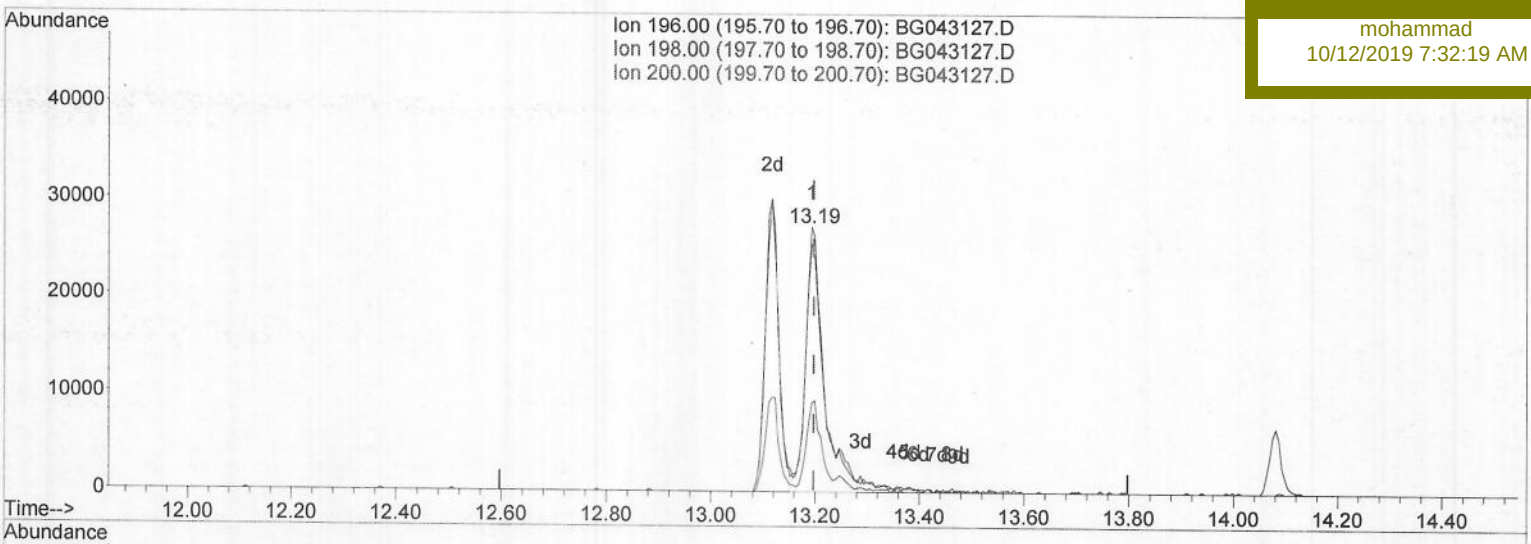

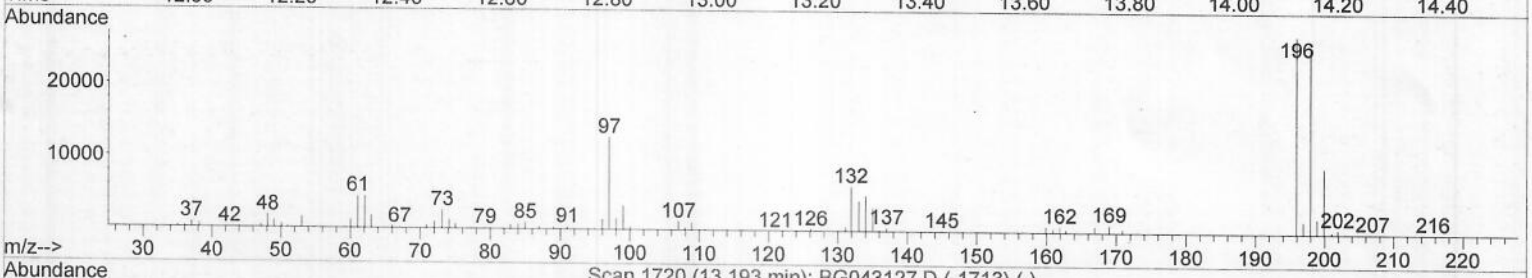

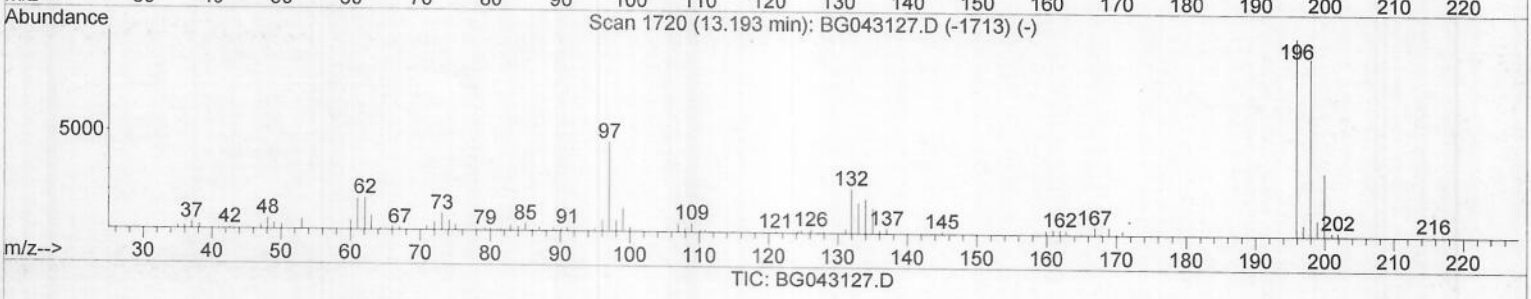

TIC: BG043127.D

(39) 2,4,5-Trichlorophenol

13.193min (-0.003) 20.32ng/ul m ? JU 10/11/19

response 66205

Ion	Exp%	Act%
196.00	100	100
198.00	96.30	93.63
200.00	33.20	33.37
0.00	0.00	0.00

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	44759	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	185574	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.67	164	135585	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.42	188	328709	20.00	ng/ul	0.00
77) Chrysene-d12	21.69	240	354466	20.00	ng/ul	0.00
85) Perylene-d12	24.91	264	420490	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.50	96	6676	7.21	ng/uL	0.00
5) Phenol-d5	7.22	99	65533	19.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.38	67	36977	20.02	ng/ul	0.00
9) 2-Chlorophenol-d4	7.59	132	54260	20.46	ng/ul	0.00
13) 4-Methylphenol-d8	8.77	113	54202	19.00	ng/ul	0.00
19) Nitrobenzene-d5	9.22	128	27103	20.75	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	31410	21.09	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	62398	20.03	ng/ul	0.00
29) 4-Chloroaniline-d4	11.00	131	64424	19.86	ng/ul	0.00
43) Dimethylphthalate-d6	14.08	166	214079	19.64	ng/ul	0.00
46) Acenaphthylene-d8	14.37	160	242103	20.42	ng/ul	0.00
51) 4-Nitrophenol-d4	14.89	143	26589	18.39	ng/ul	0.00
57) Fluorene-d10	15.67	176	186306	20.13	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.78	200	39393	18.68	ng/ul	0.00
70) Anthracene-d10	17.52	188	313391	20.18	ng/ul	0.00
78) Pyrene-d10	19.80	212	361620	20.69	ng/ul	0.00
89) Benzo(a)pyrene-d12	24.69	264	412238	19.84	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	7833	8.001	ng/uL#	90
4) Benzaldehyde	7.20	77	42927	19.082	ng/ul	88
6) Phenol	7.25	94	65495	19.386	ng/ul	97
8) Bis(2-Chloroethyl)ether	7.47	93	47996	19.258	ng/ul#	97
10) 2-Chlorophenol	7.62	128	55979	20.059	ng/ul	99
11) 2-Methylphenol	8.50	108	52555	19.319	ng/ul	86
12) 2,2'-oxybis(1-Chloropropan	8.58	45	76376	20.080	ng/ul	95
14) Acetophenone	8.88	105	83304	18.382	ng/ul	93
15) N-Nitroso-di-n-propylamine	8.85	70	46599	19.700	ng/ul	96
16) 4-Methylphenol	8.83	108	54028	18.247	ng/ul	90
17) Hexachloroethane	9.14	117	23858	19.312	ng/ul	95
20) Nitrobenzene	9.26	77	65196	19.550	ng/ul	96
21) Isophorone	9.77	82	136221	20.011	ng/ul#	92
23) 2-Nitrophenol	9.97	139	33379	20.820	ng/ul	90
24) 2,4-Dimethylphenol	10.03	107	67933	19.292	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.26	93	73036	20.544	ng/ul	93
27) 2,4-Dichlorophenol	10.51	162	55740	18.747	ng/ul	96
28) Naphthalene	10.91	128	188429	19.877	ng/ul	97
30) 4-Chloroaniline	11.02	127	66931	20.014	ng/ul	91
31) Hexachlorobutadiene	11.20	225	51723	19.452	ng/ul	97
32) Caprolactam	11.79	113	18900m	18.049	ng/ul	
33) 4-Chloro-3-methylphenol	12.15	107	62263	19.738	ng/ul	90
34) 2-Methylnaphthalene	12.51	142	138824	19.125	ng/ul	100

JU 10/11/19

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Manual Integrations APPROVED
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10/12/2019 7:32:19 AM

JU 10/11/19

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	12.88	216	96142	20.392 ng/ul	96
37) Hexachlorocyclopentadiene	12.86	237	52009	16.961 ng/ul	95
38) 2,4,6-Trichlorophenol	13.12	196	54711	20.291 ng/ul	96
39) 2,4,5-Trichlorophenol	13.19	196	66205m	20.324 ng/ul	
40) 1,1'-Biphenyl	13.51	154	196694	20.051 ng/ul	97
41) 2-Chloronaphthalene	13.56	162	153060	20.420 ng/ul	98
42) 2-Nitroaniline	13.76	65	42587	20.380 ng/ul	94
44) Dimethylphthalate	14.13	163	206021	19.568 ng/ul#	98
45) 2,6-Dinitrotoluene	14.24	165	44399	20.458 ng/ul	97
47) Acenaphthylene	14.40	152	242209	20.326 ng/ul	99
48) 3-Nitroaniline	14.59	138	36776	20.454 ng/ul	90
49) Acenaphthene	14.74	153	172942	20.305 ng/ul	96
50) 2,4-Dinitrophenol	14.79	184	18571	16.009 ng/ul	95
52) 4-Nitrophenol	14.90	109	29881	19.977 ng/ul	93
53) Dibenzofuran	15.07	168	250588	20.503 ng/ul	100
54) 2,4-Dinitrotoluene	15.03	165	68215	21.296 ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	15.31	232	61416	20.304 ng/ul#	92
56) Diethylphthalate	15.48	149	212106	19.467 ng/ul	97
58) Fluorene	15.73	166	204107	19.685 ng/ul	100
59) 4-Chlorophenyl-phenylether	15.71	204	119328	20.035 ng/ul	98
60) 4-Nitroaniline	15.75	138	43544	19.682 ng/ul	91
63) 4,6-Dinitro-2-methylphenol	15.80	198	41873	19.549 ng/ul	99
64) N-Nitrosodiphenylamine	15.93	169	185254	20.215 ng/ul	97
65) 4-Bromophenyl-phenylether	16.61	248	85091	19.892 ng/ul	98
66) Hexachlorobenzene	16.73	284	96918	20.205 ng/ul	98
67) Atrazine	16.87	200	77659	19.327 ng/ul#	94
68) Pentachlorophenol	17.08	266	41838	18.279 ng/ul	99
69) Phenanthrene	17.46	178	343346	20.236 ng/ul	99
71) Anthracene	17.55	178	353890	20.157 ng/ul	98
72) 1,2,3,4-Tetrachlorobenzene	13.48	216	97923	20.586 ng/uL	95
73) Pentachlorobenzene	15.00	250	104576	20.088 ng/uL	95
74) Carbazole	17.82	167	311273	20.742 ng/ul	98
75) Di-n-butylphthalate	18.38	149	368847	20.016 ng/ul	99
76) Fluoranthene	19.47	202	448797	20.733 ng/ul	99
79) Pyrene	19.83	202	453501	20.803 ng/ul	99
80) Butylbenzylphthalate	20.71	149	169972	20.710 ng/ul	95
81) 3,3'-Dichlorobenzidine	21.59	252	175239	20.324 ng/ul	95
82) Benzo(a)anthracene	21.67	228	474463	20.004 ng/ul	99
83) Bis(2-ethylhexyl)phthalate	21.58	149	243096	20.649 ng/ul	99
84) Chrysene	21.74	228	449999	20.161 ng/ul	99
86) Di-n-octyl phthalate	22.79	149	418512	21.017 ng/ul	100
87) Benzo(b)fluoranthene	23.89	252	501187	20.028 ng/ul	95
88) Benzo(k)fluoranthene	23.96	252	478960	19.585 ng/ul	97
90) Benzo(a)pyrene	24.76	252	479624	20.025 ng/ul	99
91) Indeno(1,2,3-cd)pyrene	28.57	276	583778	20.108 ng/ul	99
92) Dibenzo(a,h)anthracene	28.63	278	494086	20.059 ng/ul	98
93) Benzo(g,h,i)perylene	29.71	276	479908	19.500 ng/ul	96

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