

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

mohammad
7/12/2021 12:36:14 PM

Abundance

TIC: BG049295.D



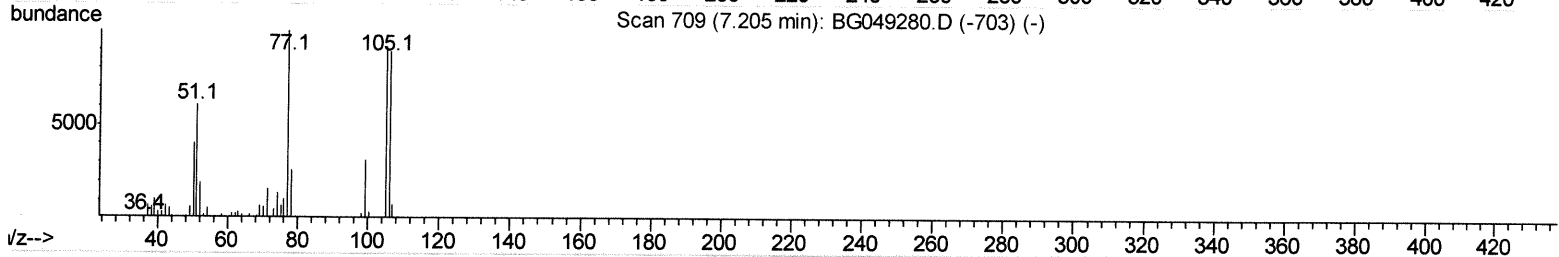
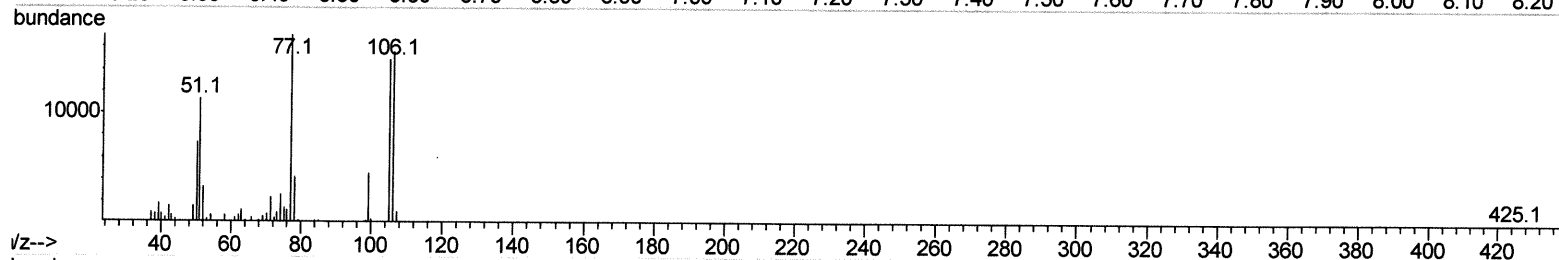
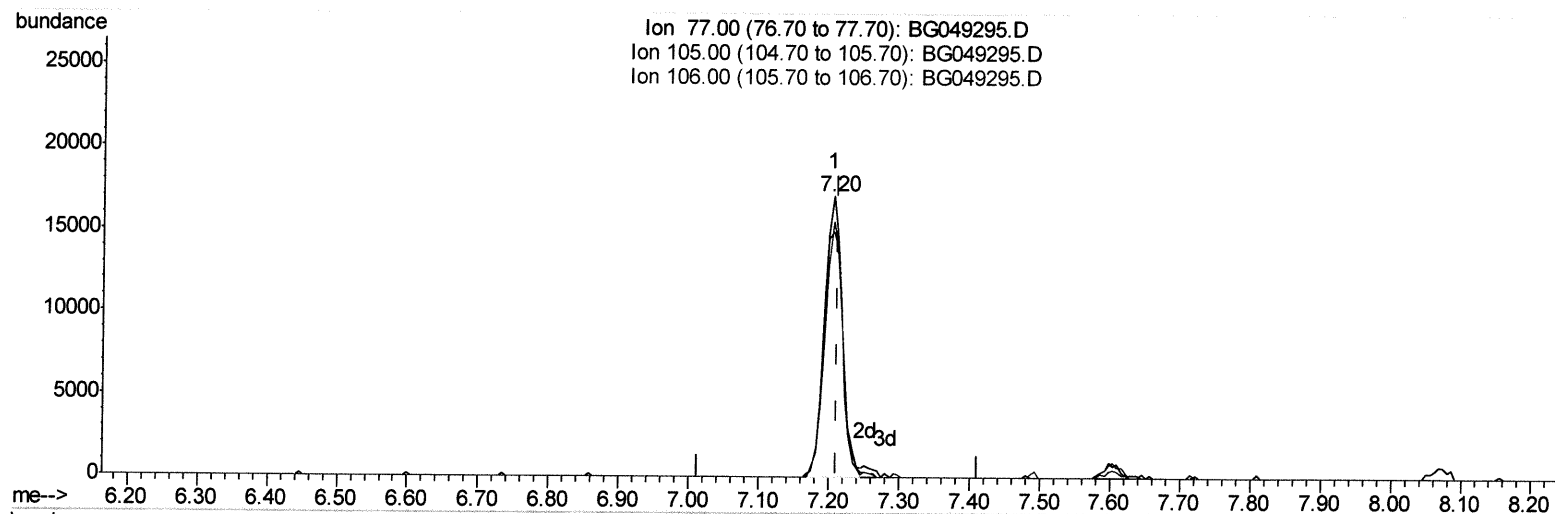
Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
 Data File : BG049295.D
 Acq On : 11 Jul 2021 11:29
 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
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Quant Time: Jul 12 01:04:24 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Jul 09 03:15:38 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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 7/12/2021 12:36:14 PM



(6) Benzaldehyde

7.204min (-0.008) 22.14ng/ul

response 30329

Ion	Exp%	Act%
77.00	100	100
105.00	90.80	87.32
106.00	90.40	91.11
0.00	0.00	0.00

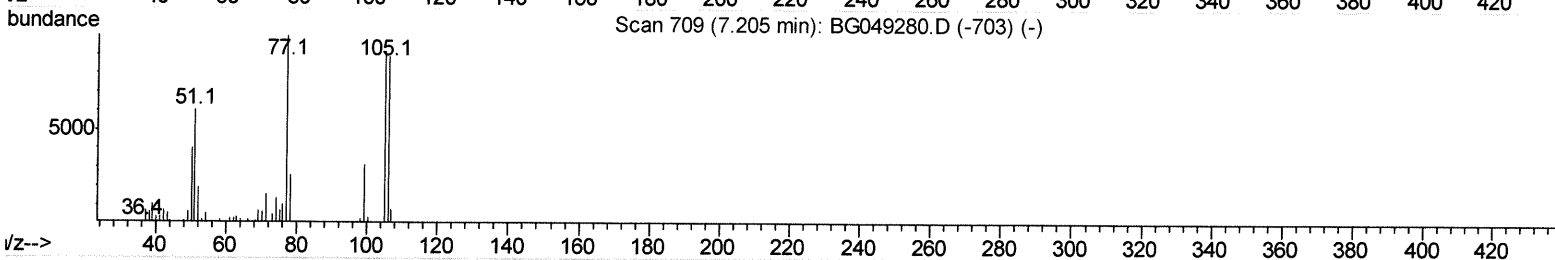
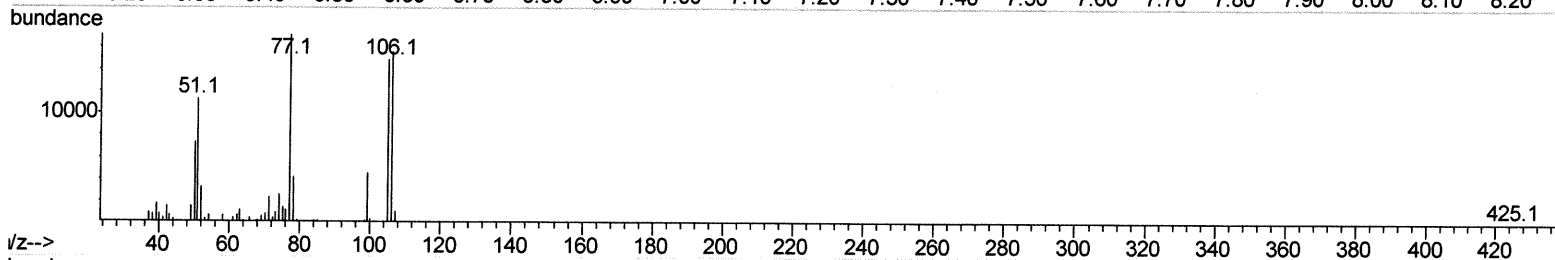
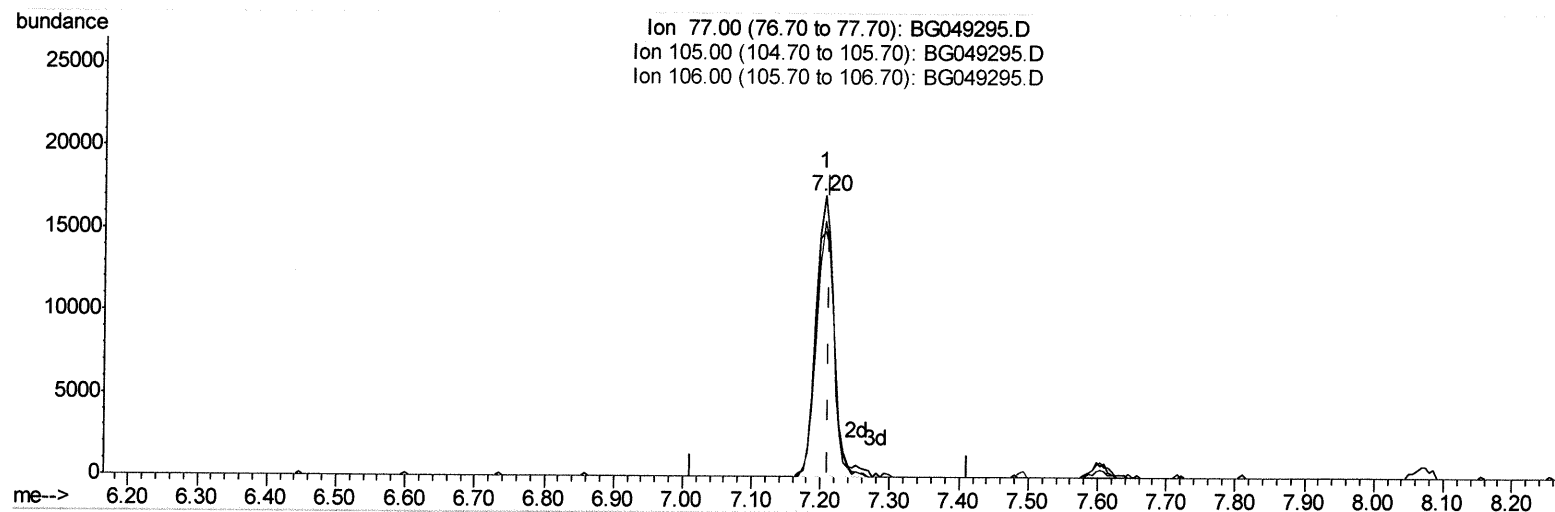
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TIC: BG049295.D

(6) Benzaldehyde

7.204min (-0.008) 22.69ng/ul m

response 31091

Ion	Exp%	Act%
77.00	100	100
105.00	90.80	87.32
106.00	90.40	91.11
0.00	0.00	0.00

Handwritten signature and date: 7/15/21

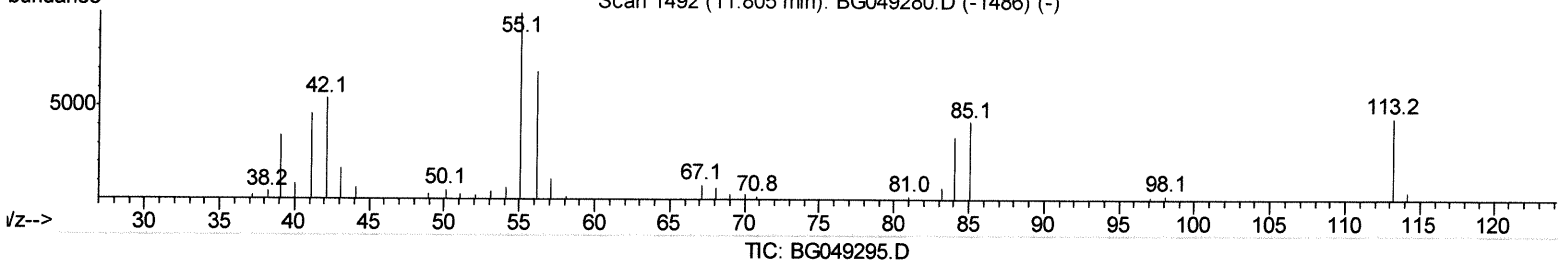
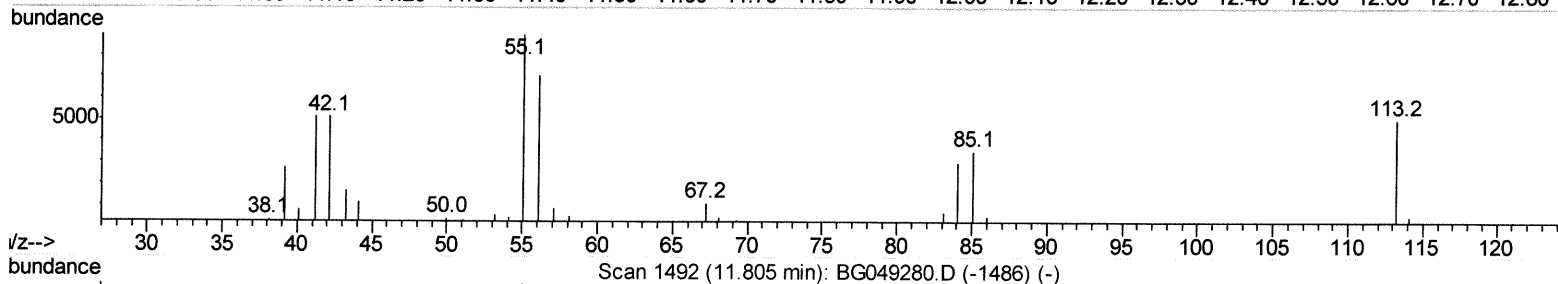
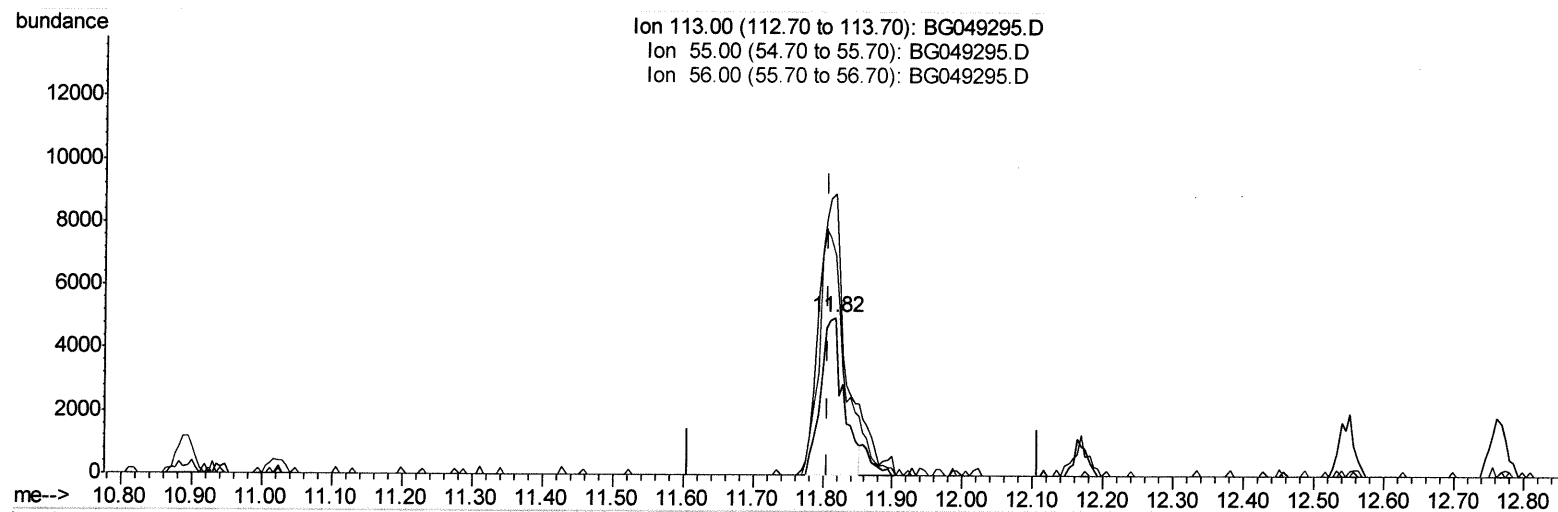
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(34) Caprolactam

11.816min (+0.009) 18.72ng/ul

response 11357

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	178.65#
56.00	171.90	140.04
0.00	0.00	0.00

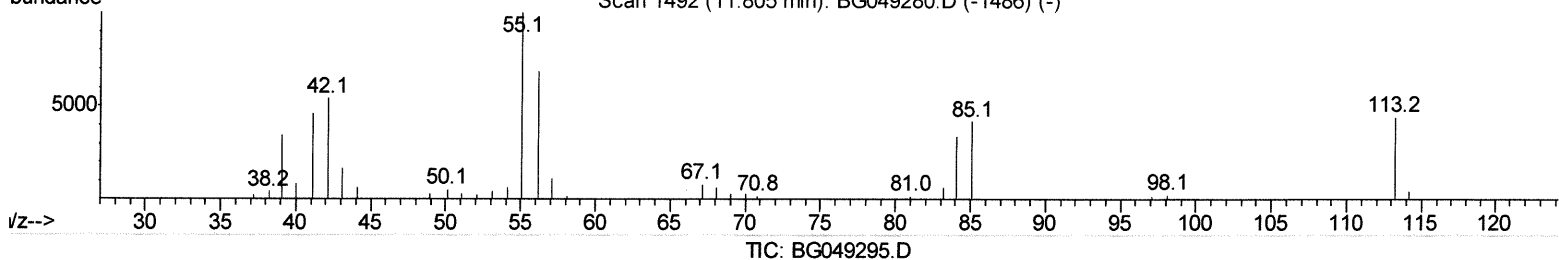
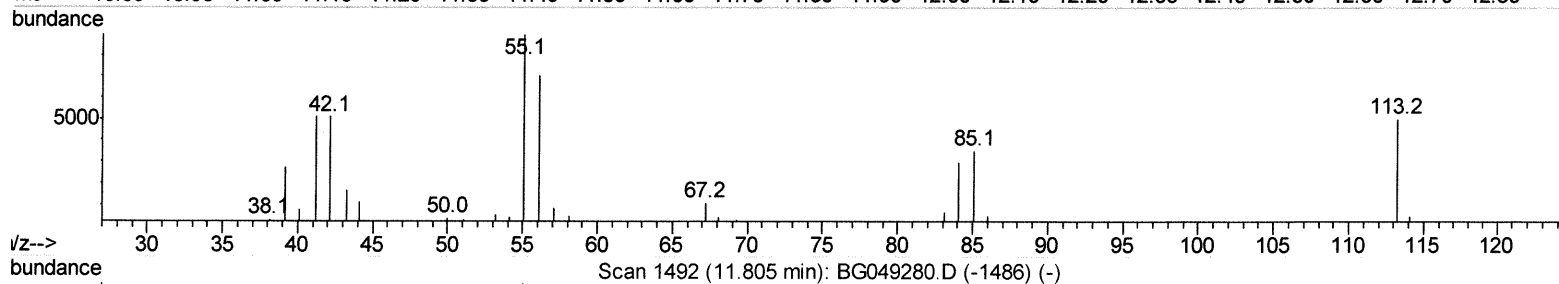
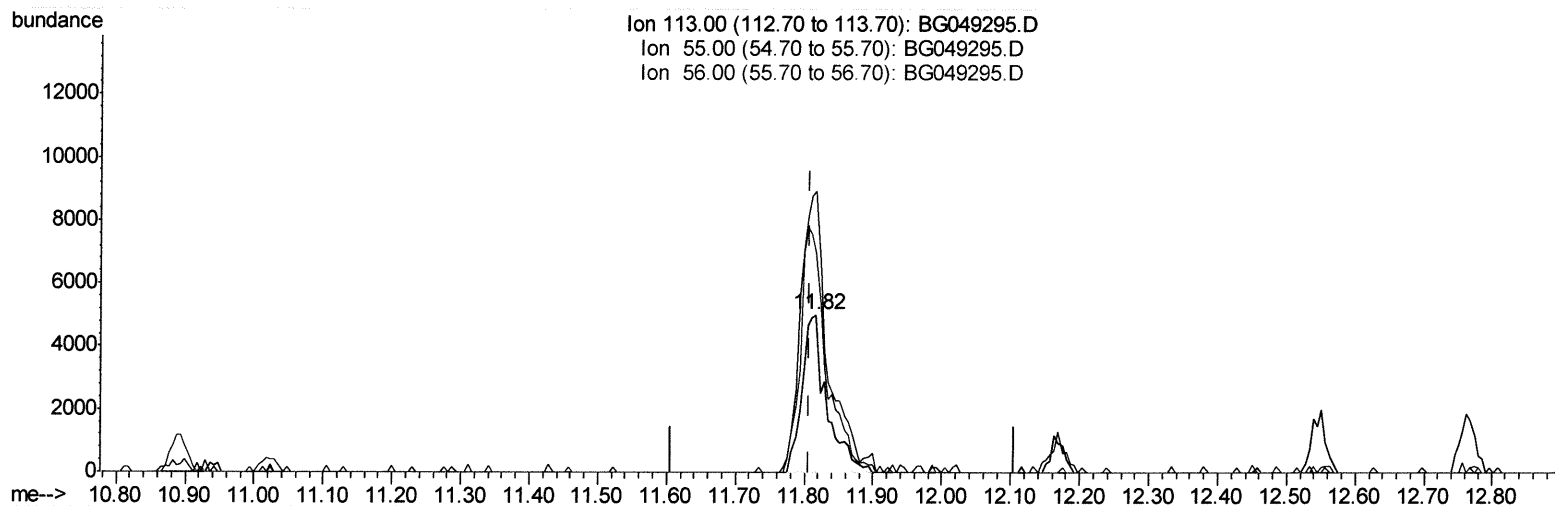
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(34) Caprolactam

11.816min (+0.009) 20.59ng/ul m

response 12495

Ion	Exp%	Act%
113.00	100	100
55.00	223.70	178.65#
56.00	171.90	140.04
0.00	0.00	0.00

JU 7/12/21

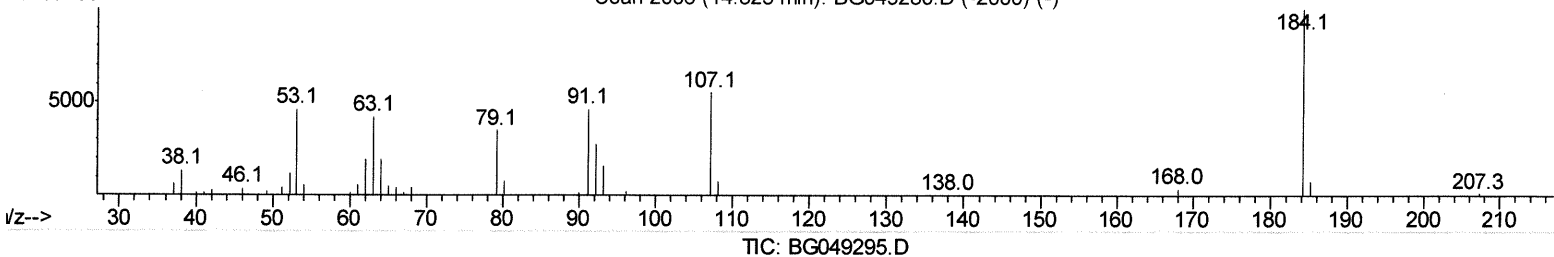
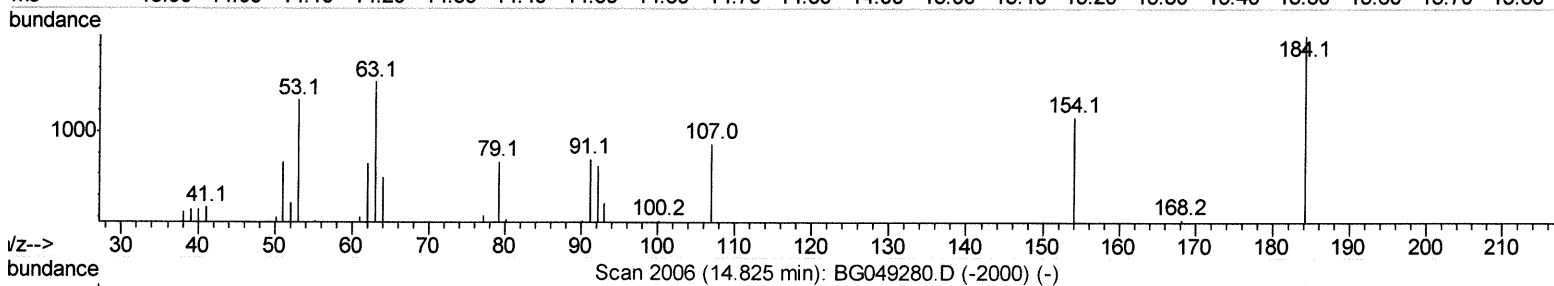
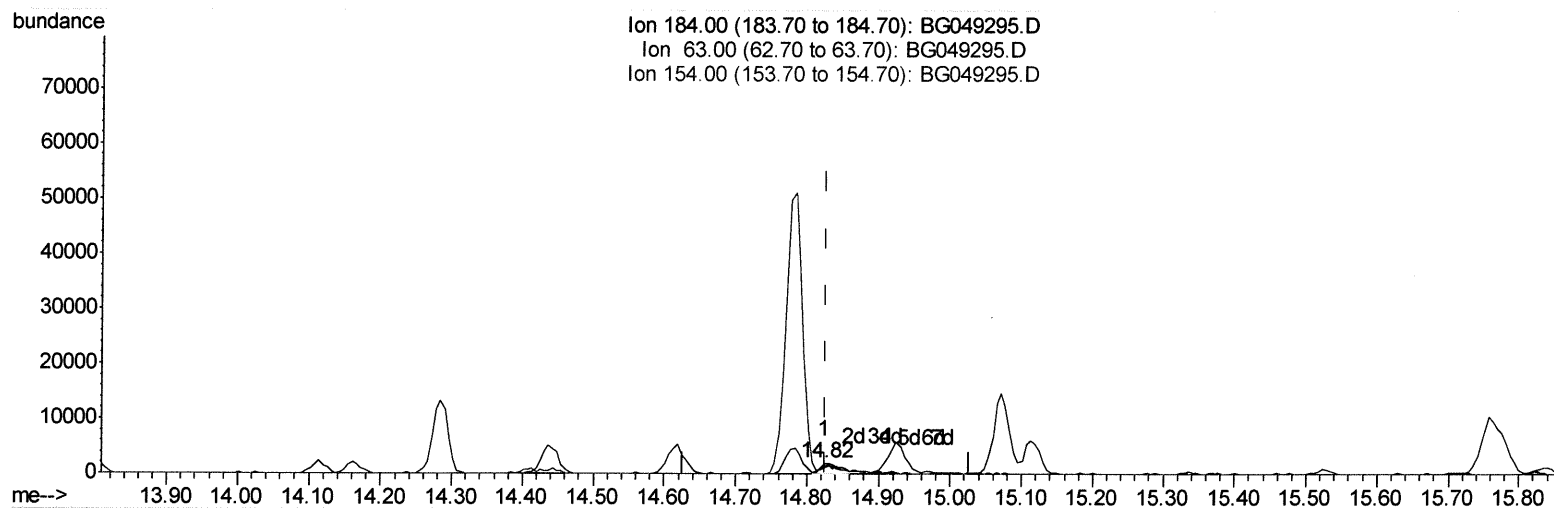
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Quant Time: Jul 12 03:06:38 2021
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(53) 2,4-Dinitrophenol

14.825min (-0.002) 4.46ng/ul

response 3606

Ion	Exp%	Act%
184.00	100	100
63.00	67.10	77.12
154.00	74.10	59.67
0.00	0.00	0.00

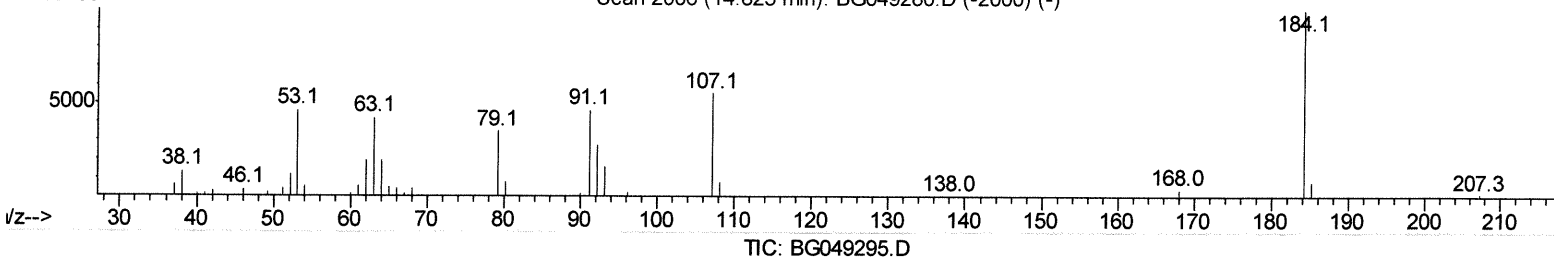
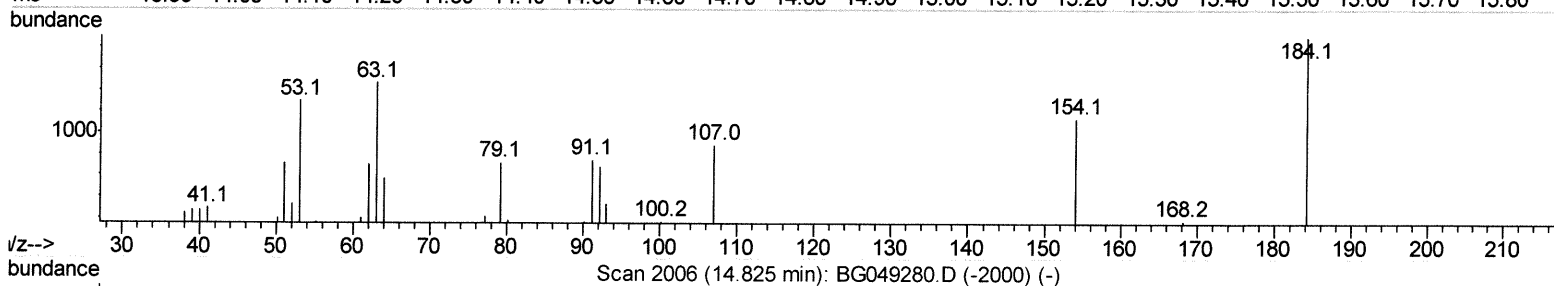
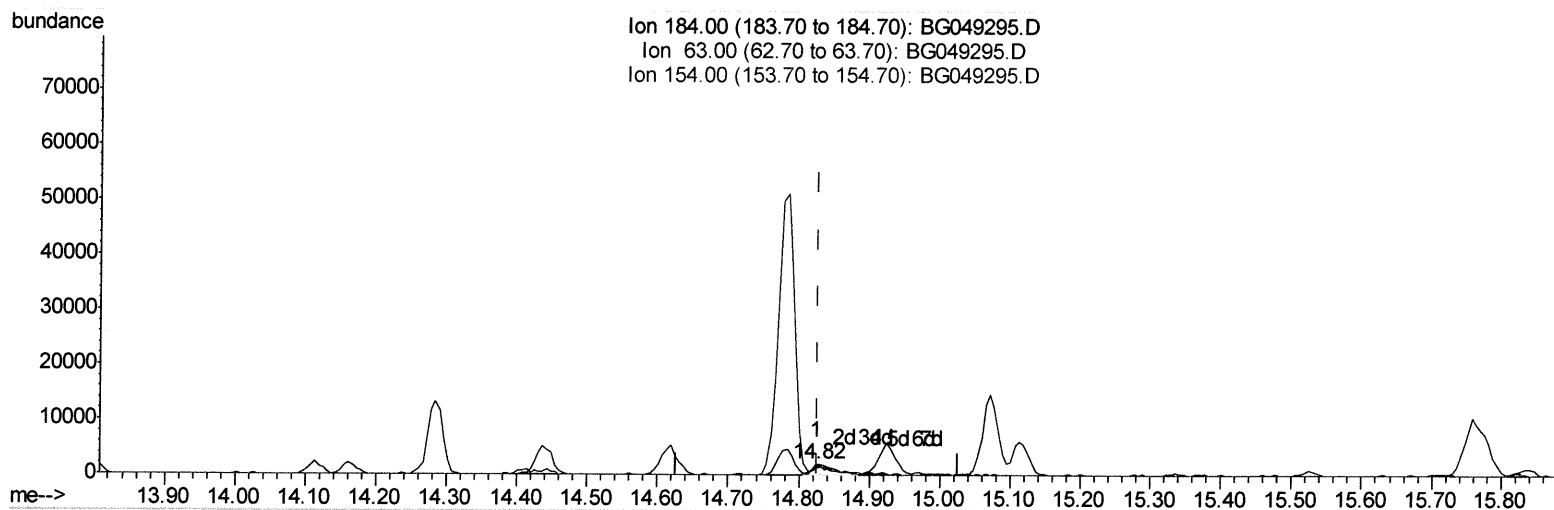
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 Operator : CG/JU
 Sample : SSTDCCC020EC
 Misc :
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Manual Integrations
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(53) 2,4-Dinitrophenol

14.825min (-0.002) 5.07ng/ul m

response 4098

Ion	Exp%	Act%
184.00	100	100
63.00	67.10	77.12
154.00	74.10	59.67
0.00	0.00	0.00

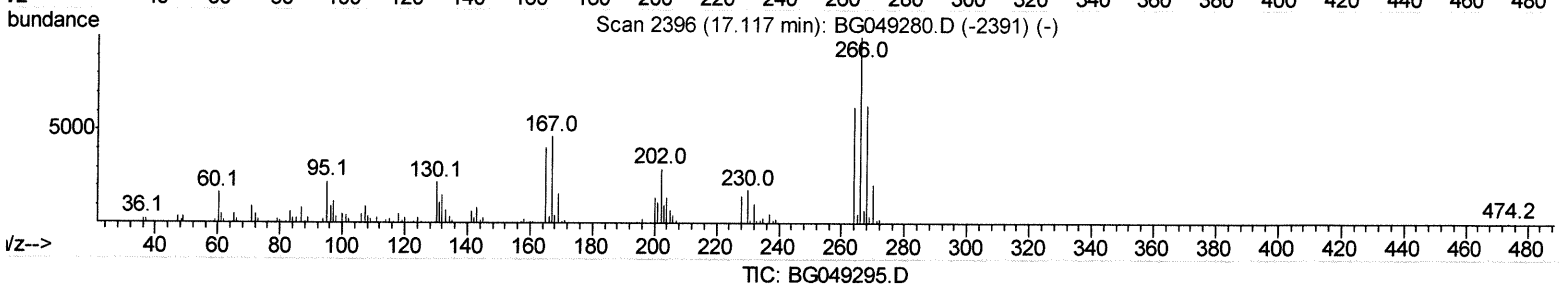
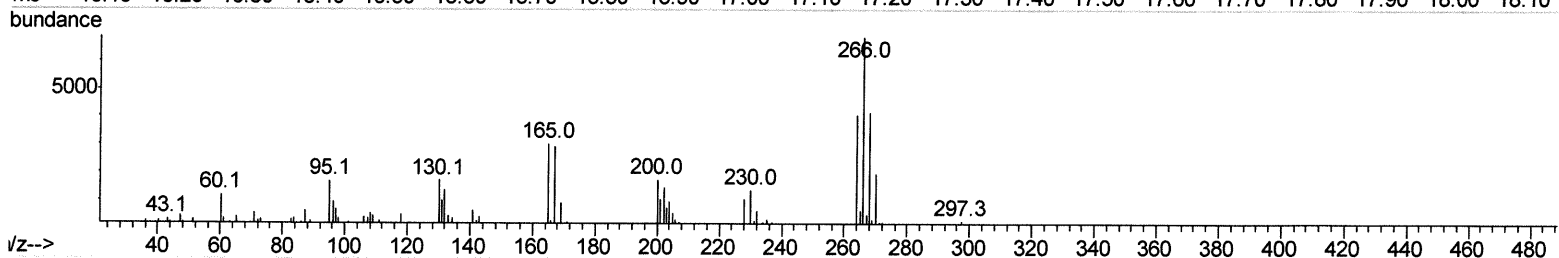
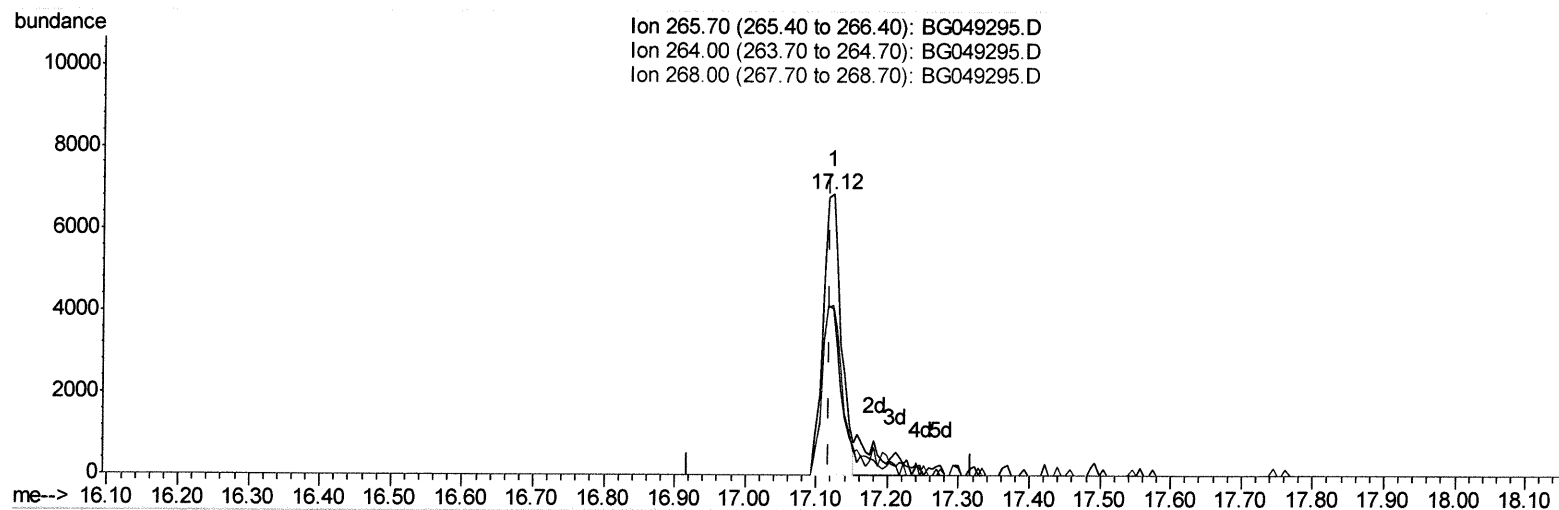
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Quant Time: Jul 12 03:10:54 2021
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(71) Pentachlorophenol (C)

17.122min (+0.004) 7.94ng/ul

response 12068

Ion	Exp%	Act%
265.70	100	100
264.00	62.60	59.20
268.00	61.90	60.25
0.00	0.00	0.00

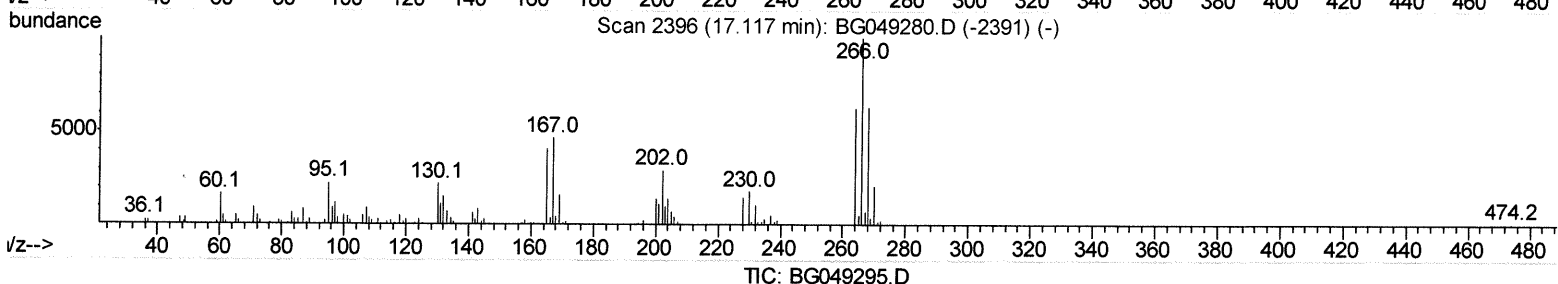
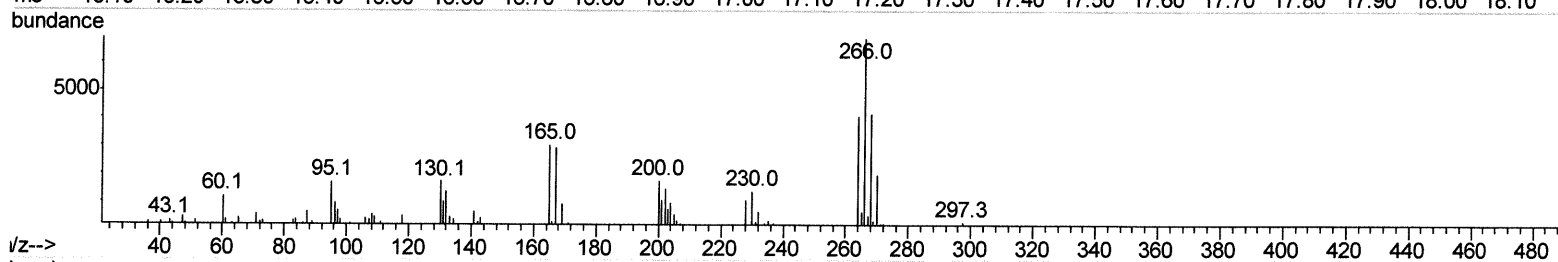
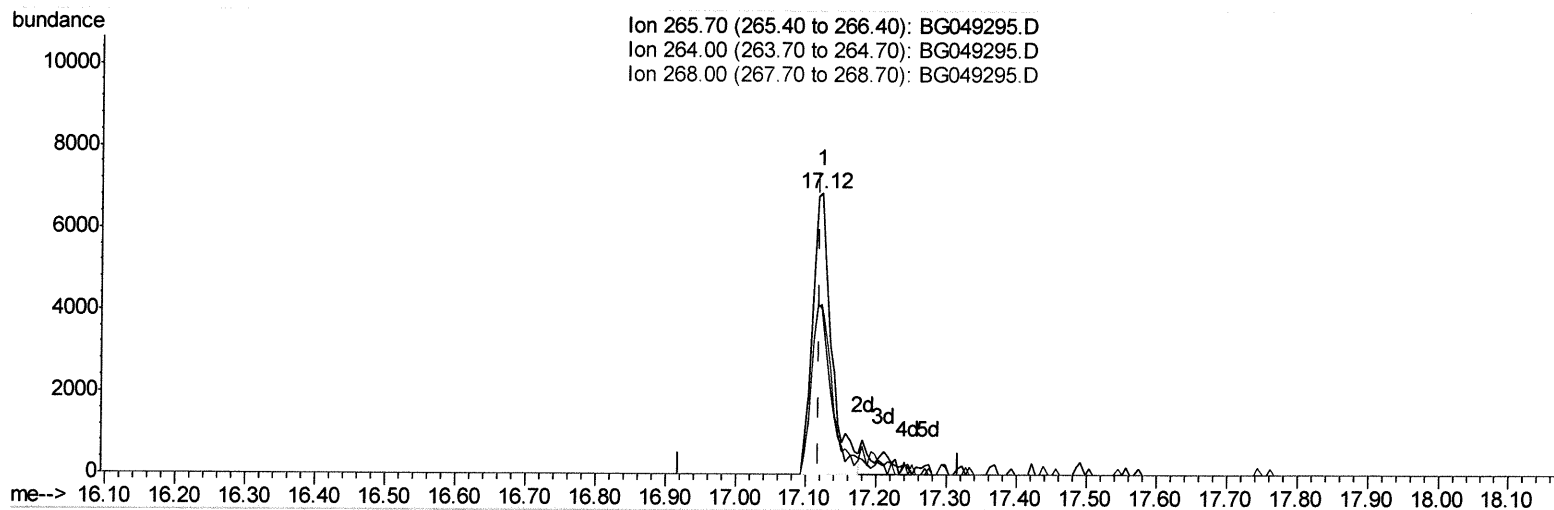
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(71) Pentachlorophenol (C)

17.122min (+0.004) 8.61ng/ul m

response 13093

Ion	Exp%	Act%
265.70	100	100
264.00	62.60	59.20
268.00	61.90	60.25
0.00	0.00	0.00

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Quant Time: Jul 12 03:12:13 2021

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Quant Title : SVOA CALIBRATION

QLast Update : Fri Jul 09 03:15:38 2021

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	26183	20.00	ng/ul	0.00
20) Naphthalene-d8	10.89	136	111053	20.00	ng/ul	0.00
38) Acenaphthene-d10	14.72	164	82933	20.00	ng/ul	0.00
64) Phenanthrene-d10	17.47	188	201706	20.00	ng/ul	0.00
79) Chrysene-d12	21.75	240	201114	20.00	ng/ul	0.00
88) Perylene-d12	25.05	264	206867	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.46	96	3847	6.91	ng/uL	0.00
4) Pividine-d5	3.88	84	28067	17.15	ng/ul	0.00
7) Phenol-d5	7.23	99	46082	20.23	ng/ul	0.00
9) Bis-(2-Chloroethyl)ether-d	7.39	67	24435	18.50	ng/ul	0.00
11) 2-Chlorophenol-d4	7.60	132	34815	20.68	ng/ul	0.00
15) 4-Methylphenol-d8	8.78	113	36734	20.13	ng/ul	0.00
21) Nitrobenzene-d5	9.24	128	16952	19.89	ng/ul	0.00
24) 2-Nitrophenol-d4	9.97	143	19855	20.30	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.51	165	41780	21.89	ng/ul	0.00
31) 4-Chloroaniline-d4	11.02	131	48262	19.40	ng/ul	0.00
46) Dimethylphthalate-d6	14.11	166	123940	19.43	ng/ul	0.00
49) Acenaphthylene-d8	14.41	160	148161	19.80	ng/ul	0.00
54) 4-Nitrophenol-d4	14.91	143	18869	17.87	ng/ul	0.00
60) Fluorene-d10	15.71	176	106150	19.66	ng/ul	0.00
65) 4,6-Dinitro-2-methylphenol	15.82	200	12530	9.77	ng/ul	0.00
73) Anthracene-d10	17.57	188	178946	19.49	ng/ul	0.00
81) Pyrene-d10	19.85	212	210949	20.46	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.81	264	217710	20.25	ng/ul	0.00

Target Compounds

					Ovalue	
2) 1,4-Dioxane	3.50	88	4672	6.892	ng/uL#	74
5) Pividine	3.91	79	31695	17.456	ng/ul#	94
6) Benzaldehyde	7.20	77	31091m	22.692	ng/ul	> 747/15/21
8) Phenol	7.25	94	46408	20.375	ng/ul#	91
10) Bis(2-Chloroethyl)ether	7.49	93	31631	18.677	ng/ul	87
12) 2-Chlorophenol	7.63	128	33671	19.817	ng/ul	97
13) 2-Methylphenol	8.51	108	35611	20.525	ng/ul	94
14) 2,2'-oxybis(1-Chloropropan	8.60	45	55624	20.420	ng/ul	99
16) Acetophenone	8.90	105	59283	19.805	ng/ul	95
17) N-Nitroso-di-n-propylamine	8.88	70	31571	20.757	ng/ul	90
18) 4-Methylphenol	8.84	108	38966	21.588	ng/ul	99
19) Hexachloroethane	9.16	117	14828	19.275	ng/ul	90
22) Nitrobenzene	9.28	77	49216	20.479	ng/ul	99
23) Isophorone	9.81	82	83717	20.166	ng/ul#	96
25) 2-Nitrophenol	10.00	139	19223	19.261	ng/ul	95
26) 2,4-Dimethylphenol	10.05	107	46239	20.924	ng/ul#	87
27) Bis(2-Chloroethoxy)methane	10.28	93	43745	19.765	ng/ul	95
29) 2,4-Dichlorophenol	10.54	162	38056	21.819	ng/ul	97
30) Naphthalene	10.94	128	112166	20.258	ng/ul	98
32) 4-Chloroaniline	11.05	127	48620	19.825	ng/ul	90
33) Hexachlorobutadiene	11.23	225	30247	20.450	ng/ul	98
34) Caprolactam	11.82	113	12495m	20.594	ng/ul	> 747/15/21

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 4-Chloro-3-methylphenol	12.17	107	44972	23.083	ng/ul	88
36) 2-Methylnaphthalene	12.54	142	83829	19.927	ng/ul	97
37) 1-Methylnaphthalene	12.77	142	84167	20.119	ng/ul	94
39) 1,2,4,5-Tetrachlorobenzene	12.91	216	52419	20.124	ng/ul	97
40) Hexachlorocyclopentadiene	12.89	237	19433	11.233	ng/ul#	92
41) 2,4,6-Trichlorophenol	13.15	196	36031	21.384	ng/ul	95
42) 2,4,5-Trichlorophenol	13.23	196	39015	21.770	ng/ul	89
43) 1,1'-Biphenyl	13.55	154	111492	19.899	ng/ul	98
44) 2-Chloronaphthalene	13.60	162	85141	19.395	ng/ul	98
45) 2-Nitroaniline	13.80	65	34965	21.725	ng/ul	94
47) Dimethylphthalate	14.16	163	118502	20.017	ng/ul	98
48) 2,6-Dinitrotoluene	14.28	165	25242	19.799	ng/ul	97
50) Acenaphthylene	14.44	152	136608	20.525	ng/ul	99
51) 3-Nitroaniline	14.61	138	26564	22.881	ng/ul	96
52) Acenaphthene	14.78	153	95001	19.655	ng/ul	99
53) 2,4-Dinitrophenol	14.82	184	4098m	5.072	ng/ul	93
55) 4-Nitrophenol	14.92	109	25704	19.288	ng/ul	96
56) Dibenzofuran	15.11	168	138925	20.281	ng/ul	96
57) 2,4-Dinitrotoluene	15.07	165	37040	20.133	ng/ul#	96
58) 2,3,4,6-Tetrachlorophenol	15.34	232	32265	19.199	ng/ul	95
59) Diethylphthalate	15.52	149	125649	19.745	ng/ul	97
61) Fluorene	15.76	166	118126	20.375	ng/ul	94
62) 4-Chlorophenyl-phenylether	15.75	204	63150	19.814	ng/ul	97
63) 4-Nitroaniline	15.78	138	27681	24.288	ng/ul	92
66) 4,6-Dinitro-2-methylphenol	15.84	198	12053	9.879	ng/ul#	97
67) N-Nitrosodiphenylamine	15.96	169	104892	20.425	ng/ul	99
68) 4-Bromophenyl-phenylether	16.65	248	43984	19.551	ng/ul	98
69) Hexachlorobenzene	16.78	284	50825	19.948	ng/ul	93
70) Atrazine	16.92	200	45404	19.318	ng/ul	98
71) Pentachlorophenol	17.12	266	13093m	8.610	ng/ul	97
72) Phenanthrene	17.51	178	194244	19.744	ng/ul	99
74) Anthracene	17.60	178	200391	19.939	ng/ul	94
75) 1,2,3,4-Tetrachlorobenzene	13.52	216	56183	20.418	ng/uL	94
76) Pentachlorobenzene	15.04	250	56528	19.365	ng/uL	94
77) Carbazole	17.87	167	178127	19.868	ng/ul	100
78) Di-n-butylphthalate	18.42	149	216617	19.311	ng/ul	98
80) Fluoranthene	19.52	202	246079	20.527	ng/ul	98
82) Pyrene	19.88	202	240198	20.109	ng/ul	99
83) Butylbenzylphthalate	20.76	149	95189	20.298	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.64	252	93528	19.904	ng/ul	98
85) Benzo(a)anthracene	21.73	228	240039	19.422	ng/ul	98
86) Bis(2-ethylhexyl)phthalate	21.63	149	132046	19.305	ng/ul	100
87) Chrysene	21.80	228	231061	19.764	ng/ul	99
89) Di-n-octyl phthalate	22.86	149	232490	19.966	ng/ul	100
90) Benzo(b)fluoranthene	24.00	252	248407	19.465	ng/ul	99
91) Benzo(k)fluoranthene	24.06	252	246168	19.783	ng/ul	96
93) Benzo(a)pyrene	24.89	252	220949	19.673	ng/ul#	98
94) Indeno(1,2,3-cd)pyrene	28.81	276	290356	20.038	ng/ul	94
95) Dibenzo(a,h)anthracene	28.87	278	242386	20.195	ng/ul	95
96) Benzo(g,h,i)perylene	29.98	276	239516	19.992	ng/ul#	92

7/12/21

7/12/21

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG070921\
Data File : BG049295.D
Acq On : 11 Jul 2021 11:29
Operator : CG/JU
Sample : SSTDCCC020EC
Misc :
ALS Vial : 66 Sample Multiplier: 1

Instrument :
BNA_G
LabSampleId :
SSTDCCC020EC

Manual Integrations
APPROVED

mohammad
7/12/2021 12:36:14 PM

Quant Time: Jul 12 03:12:13 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG070921.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Jul 09 03:15:38 2021
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed