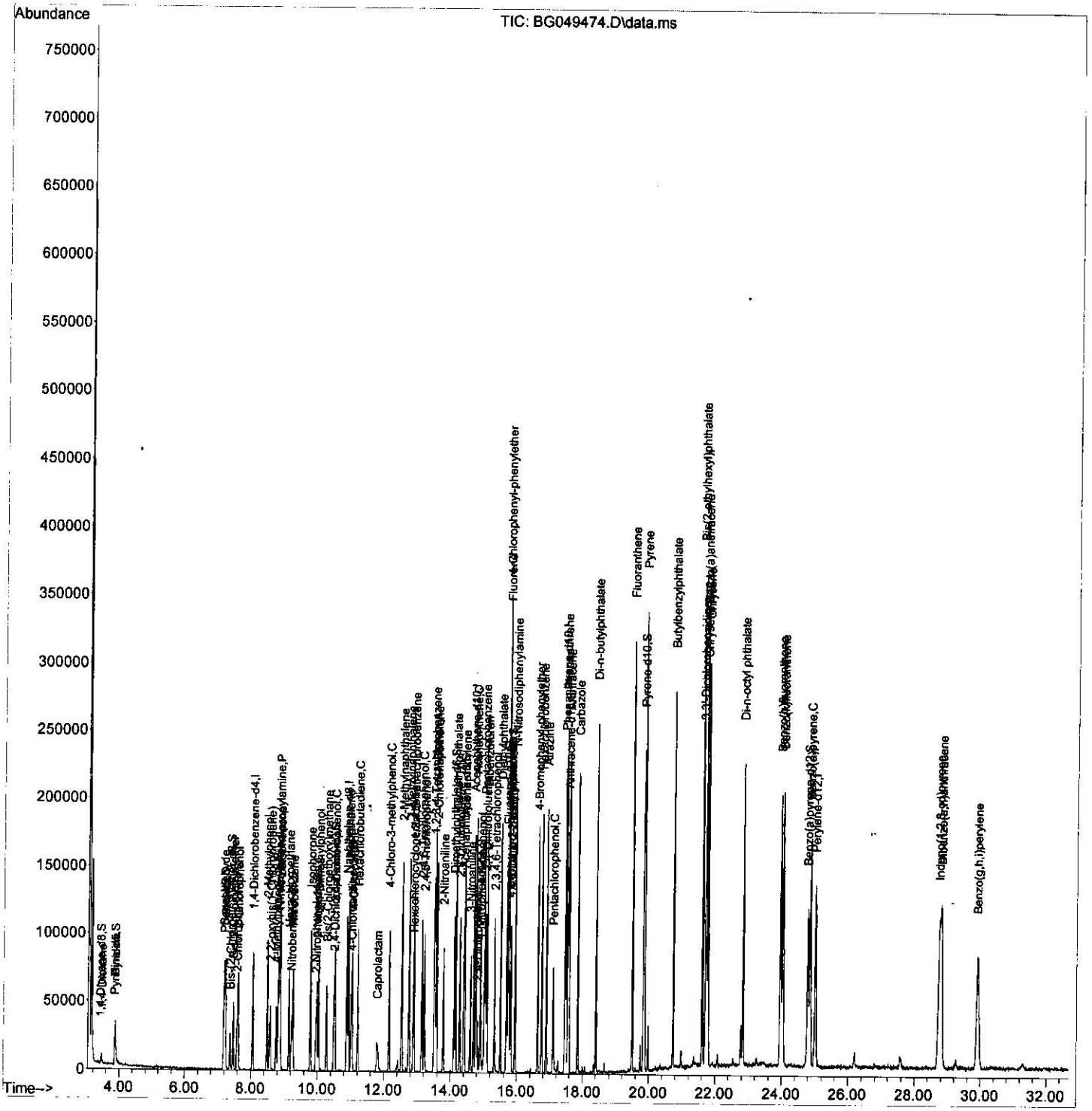
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049474.D
Acq On : 26 Jul 2021 11:39
Operator : CG/JU
Sample : M2995-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 26 12:15:58 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 01:16:50 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
JLX86MS

Manual Integrations APPROVED
mohammad
7/27/2021 12:06:18 PM



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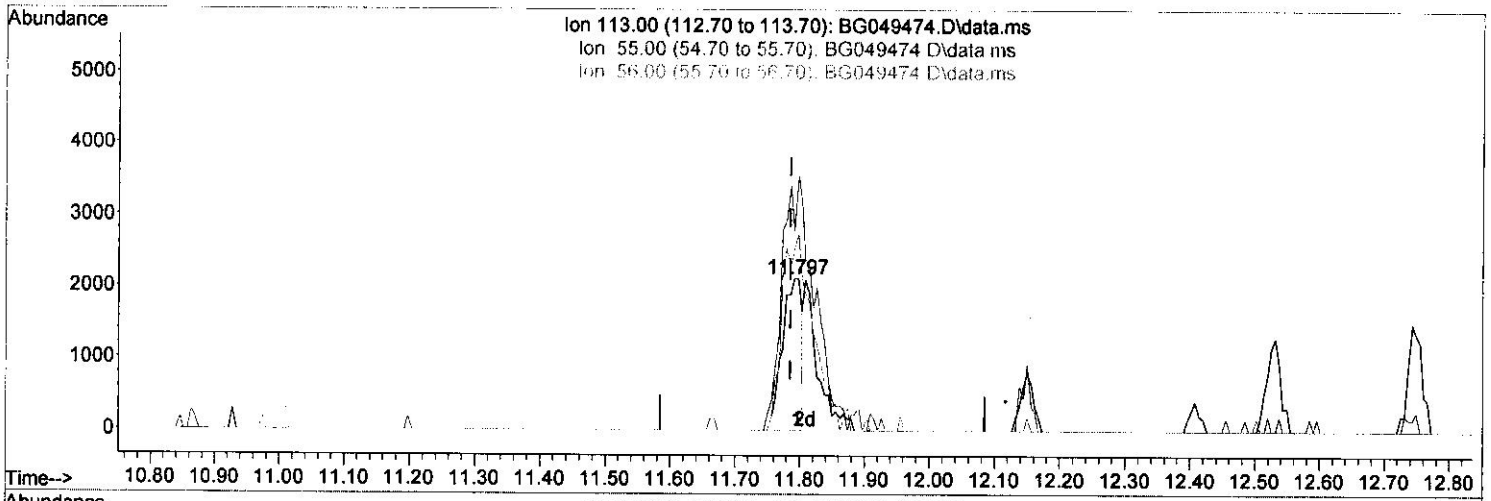

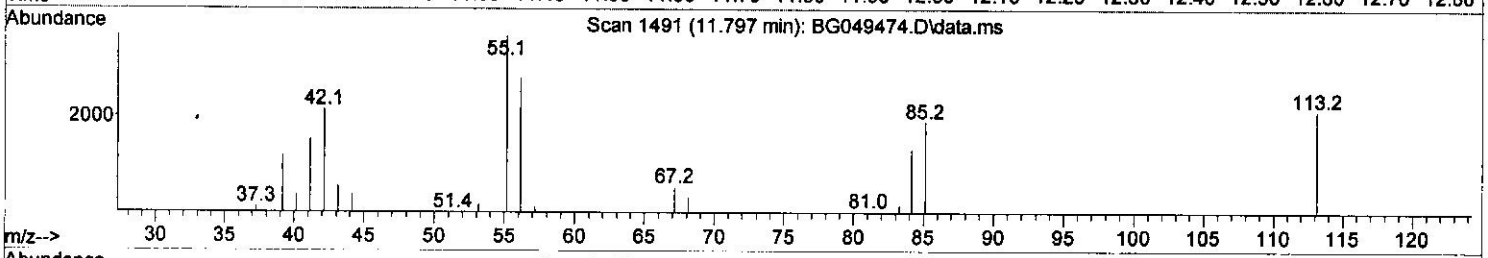

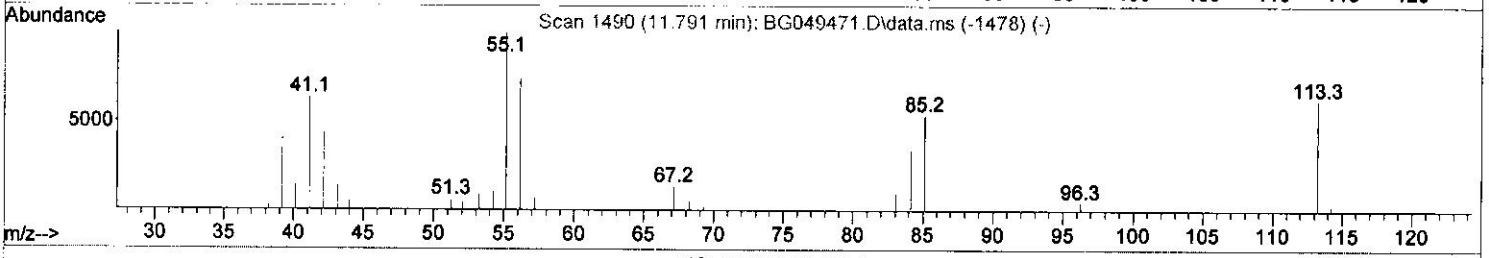

TIC: BG049474.D\data.ms

(34) Caprolactam

11.797min (+ 0.011) 9.01 ng/ul

response 4380

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	167.06
56.00	118.80	129.51
0.00	0.00	0.00

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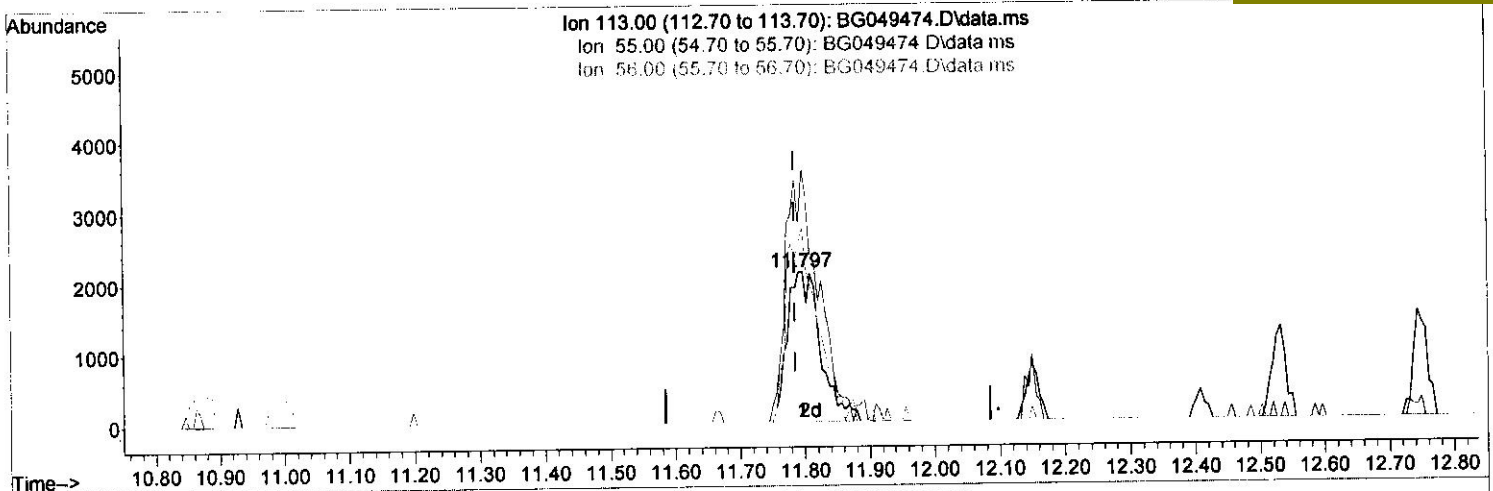

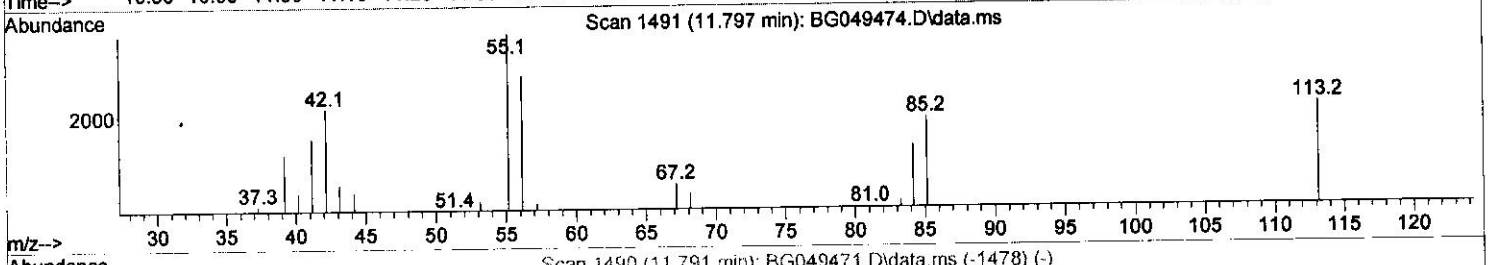

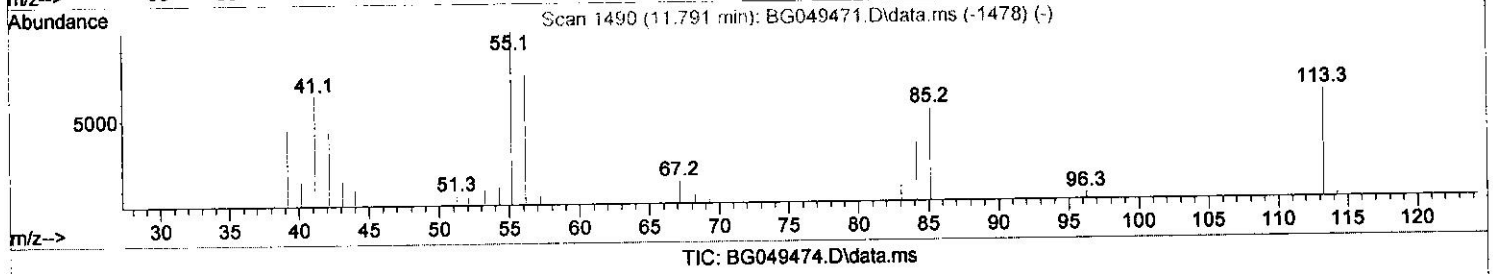

TIC: BG049474.D\data.ms

(34) Caprolactam

11.797min (+ 0.011) 15.43 ng/ul m JU 072821

response 7500

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	167.06
56.00	118.80	129.51
0.00	0.00	0.00

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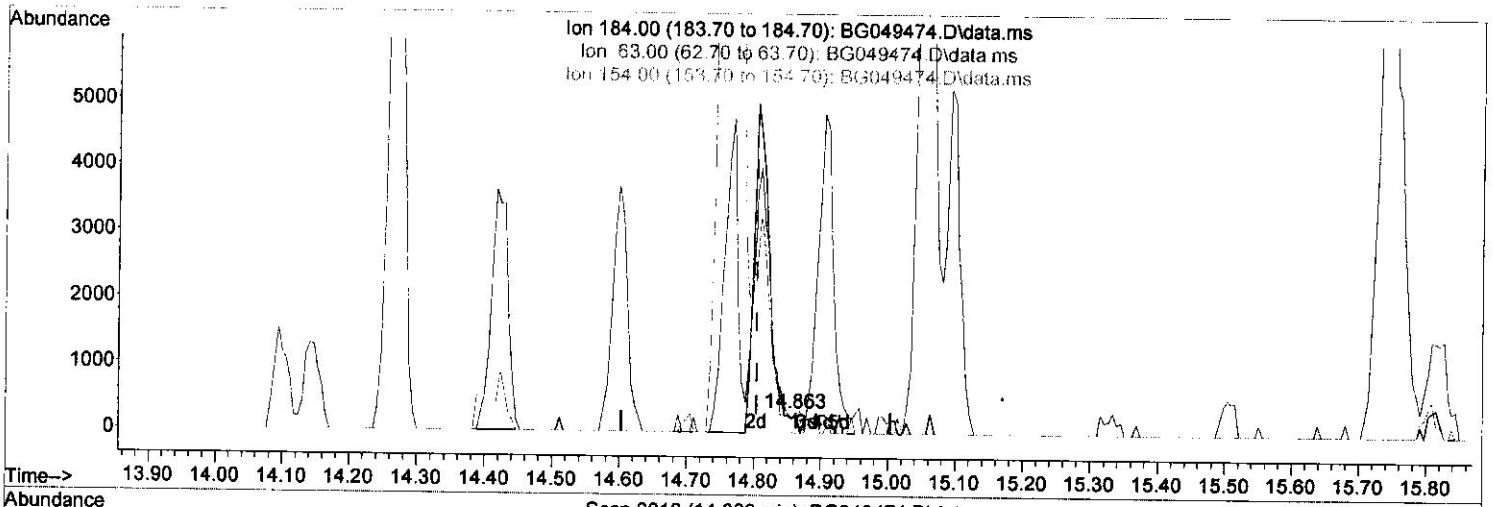

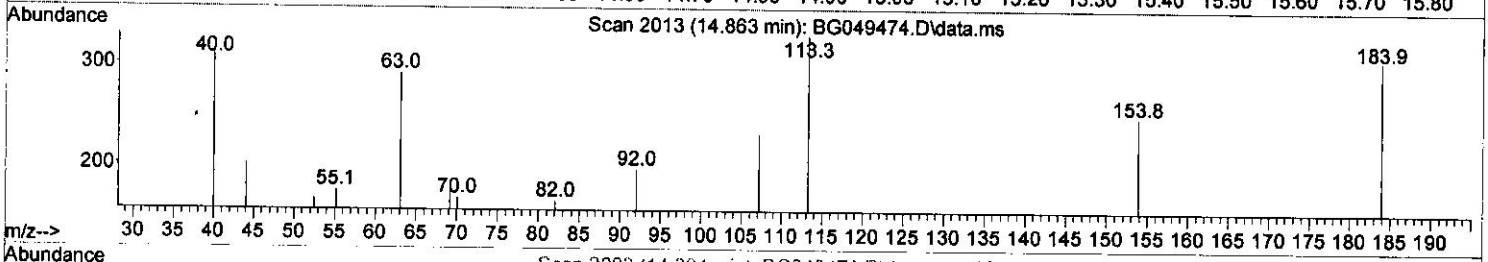

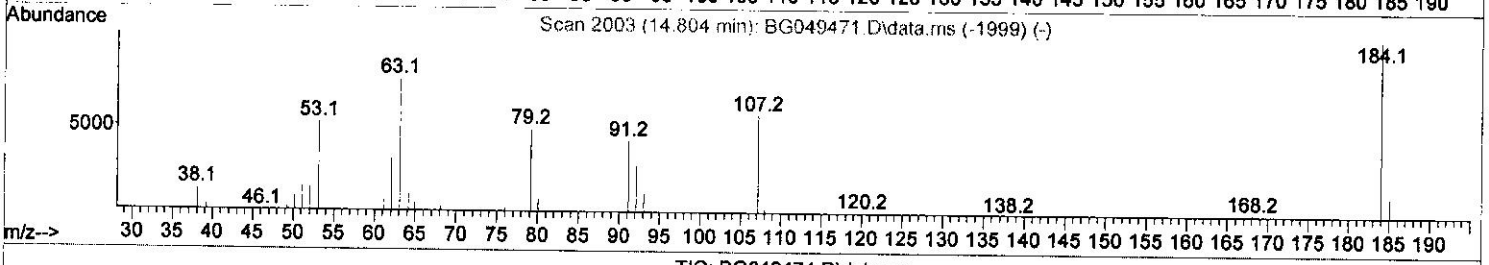

TIC: BG049474.D\data.ms

(53) 2,4-Dinitrophenol

14.863min (+ 0.059) 0.23 ng/ul

response 108

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	106.90	94.79
154.00	94.70	81.11
0.00	0.00	0.00

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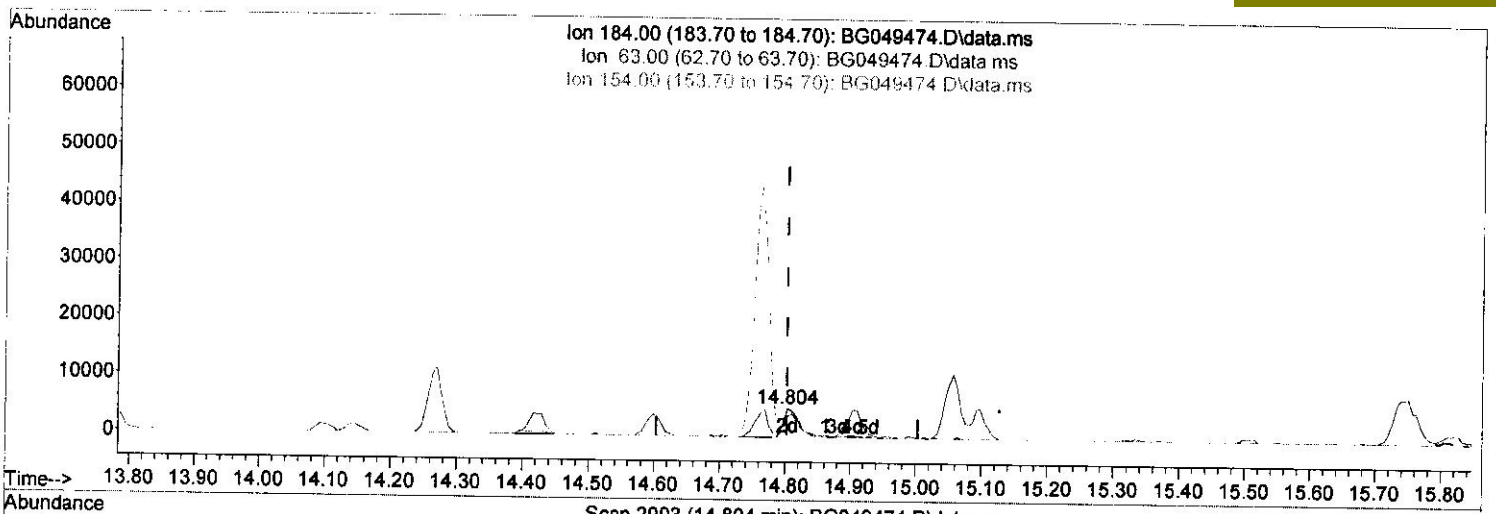

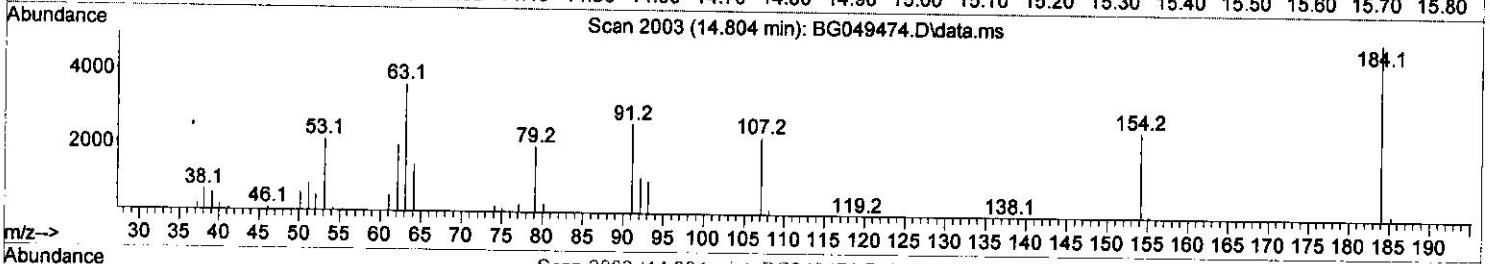

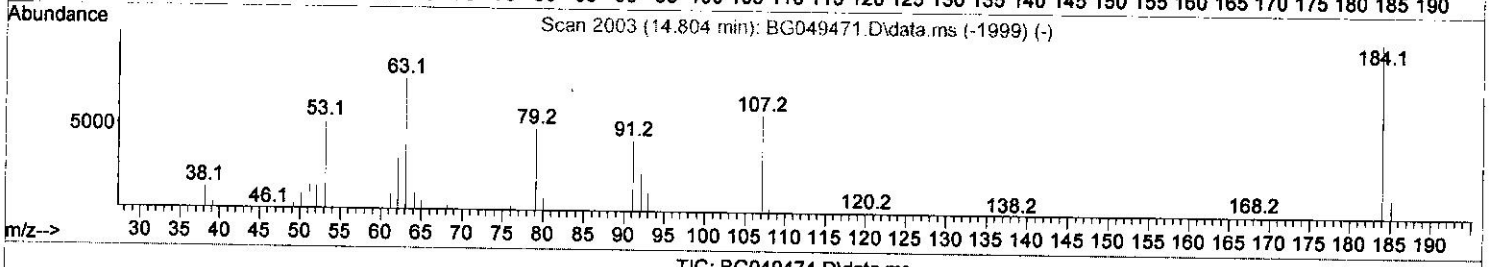

TIC: BG049474.D\data.ms

(53) 2,4-Dinitrophenol

14.804min (+ 0.000) 16.78 ng/ul m

response 7907

Ion	Exp%	Act%
184.00	100.00	100.00
63.00	106.90	72.77#
154.00	94.70	50.36#
0.00	0.00	0.00

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.049	152	22999	20.000	ng/ul		0.00
20) Naphthalene-d8	10.869	136	89223	20.000	ng/ul	#	0.00
38) Acenaphthene-d10	14.699	164	63615	20.000	ng/ul		0.00
64) Phenanthrene-d10	17.448	188	134616	20.000	ng/ul		0.00
79) Chrysene-d12	21.730	240	139482	20.000	ng/ul		0.00
88) Perylene-d12	25.002	264	144893	20.000	ng/ul		0.00
System Monitoring Compounds							
3) 1,4-Dioxane-d8	3.437	96	1014	2.017	ng/uL		0.00
4) Pyridine-d5	3.860	84	8439	5.845	ng/ul		0.00
7) Phenol-d5	7.197	99	20162	9.908	ng/ul		0.00
9) Bis-(2-Chloroethyl)eth...	7.367	67	12497	10.844	ng/ul		0.00
11) 2-Chlorophenol-d4	7.579	132	14736	10.103	ng/ul		0.00
15) 4-Methylphenol-d8	8.754	113	17259	11.253	ng/ul		0.00
21) Nitrobenzene-d5	9.218	128	9345	13.623	ng/ul		0.00
24) 2-Nitrophenol-d4	9.946	143	10057	12.511	ng/ul		0.00
28) 2,4-Dichlorophenol-d3	10.487	165	18601	12.723	ng/ul		0.00
31) 4-Chloroaniline-d4	11.004	131	23000	11.288	ng/ul		0.00
46) Dimethylphthalate-d6	14.100	166	72707	14.920	ng/ul		0.00
49) Acenaphthylene-d8	14.393	160	79571	14.059	ng/ul		0.00
54) 4-Nitrophenol-d4	14.887	143	10157	12.657	ng/ul		0.00
60) Fluorene-d10	15.692	176	61727	14.704	ng/ul		0.00
65) 4,6-Dinitro-2-methylph...	15.809	200	12347	14.801	ng/ul		0.00
73) Anthracene-d10	17.548	188	100030	15.988	ng/ul		0.00
81) Pyrene-d10	19.833	212	130611	18.313	ng/ul		0.00
92) Benzo(a)pyrene-d12	24.779	264	133143	17.483	ng/ul		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.467	88	4347	6.326	ng/uL	#	83
5) Pyridine	3.878	79	19256	12.468	ng/ul		98
6) Benzaldehyde	7.179	77	26280	21.644	ng/ul		88
8) Phenol	7.226	94	38444	19.340	ng/ul		98
10) Bis(2-Chloroethyl)ether	7.461	93	26368	19.255	ng/ul		87
12) 2-Chlorophenol	7.608	128	28844	20.541	ng/ul		96
13) 2-Methylphenol	8.489	108	29043	19.170	ng/ul		91
14) 2,2'-oxybis(1-Chloropr...	8.578	45	31462	19.605	ng/ul		94
16) Acetophenone	8.877	105	49460	20.036	ng/ul		95
17) N-Nitroso-di-n-propyla...	8.854	70	26756	21.019	ng/ul		93
18) 4-Methylphenol	8.818	108	30183	18.938	ng/ul		92
19) Hexachloroethane	9.142	117	13655	21.585	ng/ul		84
22) Nitrobenzene	9.259	77	42541	20.770	ng/ul		98
23) Isophorone	9.782	82	72092	21.006	ng/ul	#	94
25) 2-Nitrophenol	9.976	139	15949	21.083	ng/ul	#	88
26) 2,4-Dimethylphenol	10.034	107	31548	17.498	ng/ul		92
27) Bis(2-Chloroethoxy)met...	10.269	93	35966	21.011	ng/ul		97
29) 2,4-Dichlorophenol	10.510	162	29480	20.627	ng/ul	#	94
30) Naphthalene	10.921	128	96157	20.922	ng/ul	#	97
32) 4-Chloroaniline	11.027	127	35362	18.245	ng/ul	#	81
33) Hexachlorobutadiene	11.203	225	23827	21.806	ng/ul		94
34) Caprolactam	11.797	113	7500m	15.430	ng/ul		
35) 4-Chloro-3-methylphenol	12.149	107	34895	21.700	ng/ul		95

JU 7/28/21

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.531	142	71111	21.141	ng/ul	100
37) 1-Methylnaphthalene	12.748	142	68076	20.028	ng/ul	88
39) 1,2,4,5-Tetrachloroben...	12.895	216	39657	20.974	ng/ul	91
40) Hexachlorocyclopentadiene	12.872	237	15271	13.404	ng/ul	96
41) 2,4,6-Trichlorophenol	13.130	196	24159	20.792	ng/ul#	71
42) 2,4,5-Trichlorophenol	13.207	196	26302	21.197	ng/ul	95
43) 1,1'-Biphenyl	13.530	154	92376	20.392	ng/ul	96
44) 2-Chloronaphthalene	13.577	162	73071	20.729	ng/ul	92
45) 2-Nitroaniline	13.776	65	26577	21.245	ng/ul	93
47) Dimethylphthalate	14.147	163	96897	20.447	ng/ul	99
48) 2,6-Dinitrotoluene	14.264	165	18549	19.613	ng/ul	92
50) Acenaphthylene	14.423	152	110612	20.464	ng/ul#	96
51) 3-Nitroaniline	14.599	138	17579	18.637	ng/ul#	80
52) Acenaphthene	14.763	153	79744	20.571	ng/ul	97
53) 2,4-Dinitrophenol	14.804	184	7907m	16.781	ng/ul	
55) 4-Nitrophenol	14.904	109	21278	19.554	ng/ul	92
56) Dibenzofuran	15.098	168	106131	20.275	ng/ul	99
57) 2,4-Dinitrotoluene	15.057	165	29500	22.005	ng/ul#	100
58) 2,3,4,6-Tetrachlorophenol	15.327	232	22348	19.846	ng/ul#	93
59) Diethylphthalate	15.509	149	101199	20.634	ng/ul	96
61) Fluorene	15.750	166	91773	20.652	ng/ul	93
62) 4-Chlorophenyl-phenyle...	15.738	204	48261	20.863	ng/ul	92
63) 4-Nitroaniline	15.762	138	19461	20.806	ng/ul	86
66) 4,6-Dinitro-2-methylph...	15.821	198	16251	21.163	ng/ul#	76
67) N-Nitrosodiphenylamine	15.950	169	76940	21.809	ng/ul	95
68) 4-Bromophenyl-phenylether	16.637	248	32254	21.518	ng/ul	95
69) Hexachlorobenzene	16.755	284	37090	21.870	ng/ul	94
70) Atrazine	16.896	200	36293	22.524	ng/ul	97
71) Pentachlorophenol	17.095	266	15109	19.241	ng/ul	93
72) Phenanthrene	17.489	178	154317	22.020	ng/ul	97
74) Anthracene	17.583	178	152595	21.487	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.500	216	39159	21.408	ng/uL	98
76) Pentachlorobenzene	15.016	250	43296	22.371	ng/uL	96
77) Carbazole	17.853	167	136206	21.453	ng/ul	99
78) Di-n-butylphthalate	18.405	149	177971	22.541	ng/ul	99
80) Fluoranthene	19.498	202	199071	22.987	ng/ul	99
82) Pyrene	19.862	202	207357	24.116	ng/ul	98
83) Butylbenzylphthalate	20.743	149	78892	23.568	ng/ul	92
84) 3,3'-Dichlorobenzidine	21.625	252	65924	20.570	ng/ul	98
85) Benzo(a)anthracene	21.707	228	195095	22.877	ng/ul	97
86) Bis(2-ethylhexyl)phtha...	21.607	149	113846	22.916	ng/ul	95
87) Chrysene	21.777	228	189603	23.229	ng/ul	98
89) Di-n-octyl phthalate	22.835	149	187932	22.065	ng/ul	100
90) Benzo(b)fluoranthene	23.963	252	209373	23.055	ng/ul	99
91) Benzo(k)fluoranthene	24.027	252	209251	23.543	ng/ul	97
93) Benzo(a)pyrene	24.850	252	181790	23.074	ng/ul	96
94) Indeno(1,2,3-cd)pyrene	28.750	276	236979	23.574	ng/ul	99
95) Dibenzo(a,h)anthracene	28.815	278	192441	23.133	ng/ul	95
96) Benzo(g,h,i)perylene	29.913	276	182209	21.801	ng/ul#	89

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