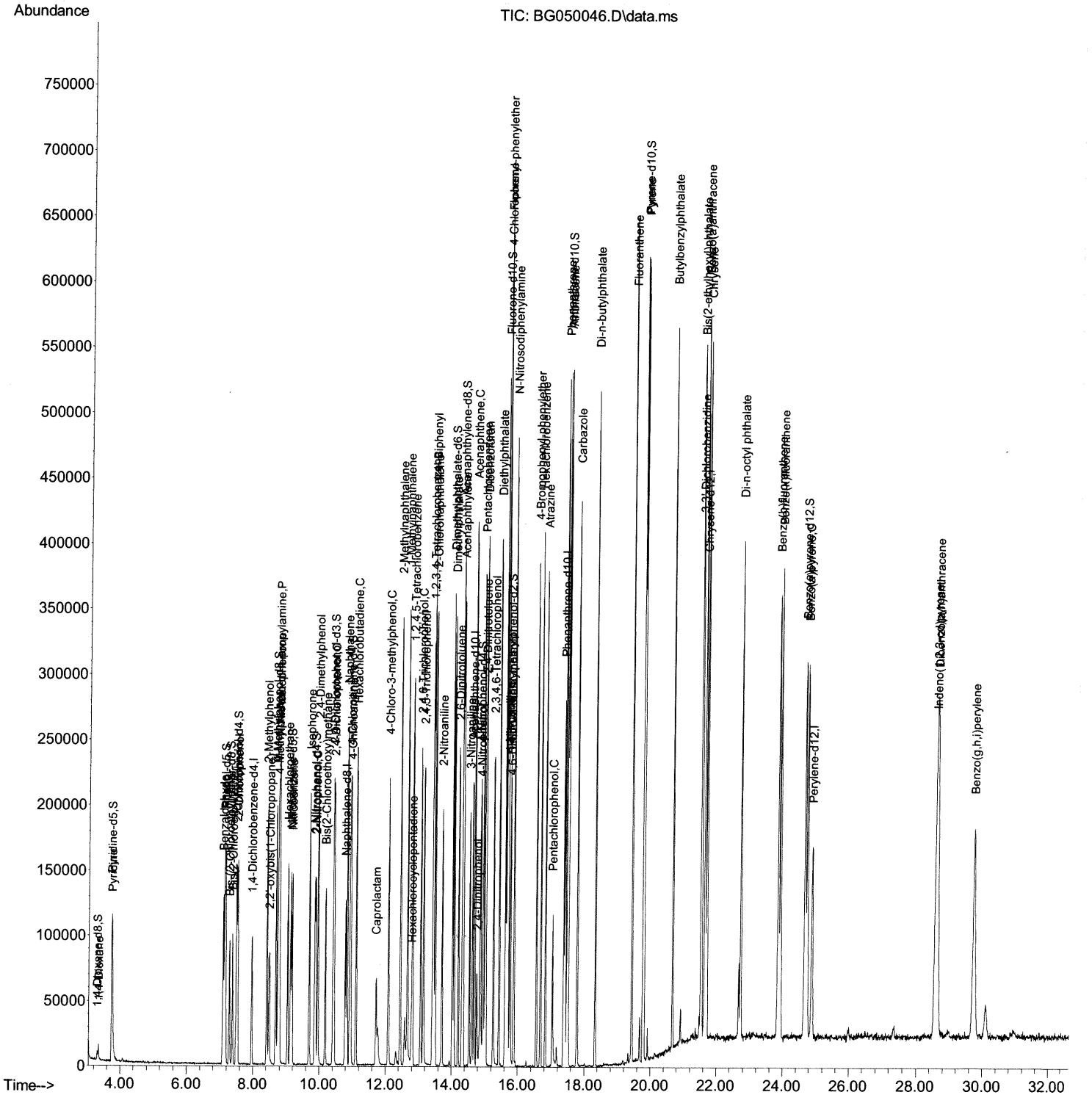
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG083021\
Data File : BG050046.D
Acq On : 31 Aug 2021 2:01
Operator : CG/JU
Sample : PB138632BS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Aug 31 04:29:25 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG081921.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Aug 30 14:59:55 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS632

Manual Integrations APPROVED
mohammad
8/31/2021 11:35:56 AM



Quantitation Report (Qedit)

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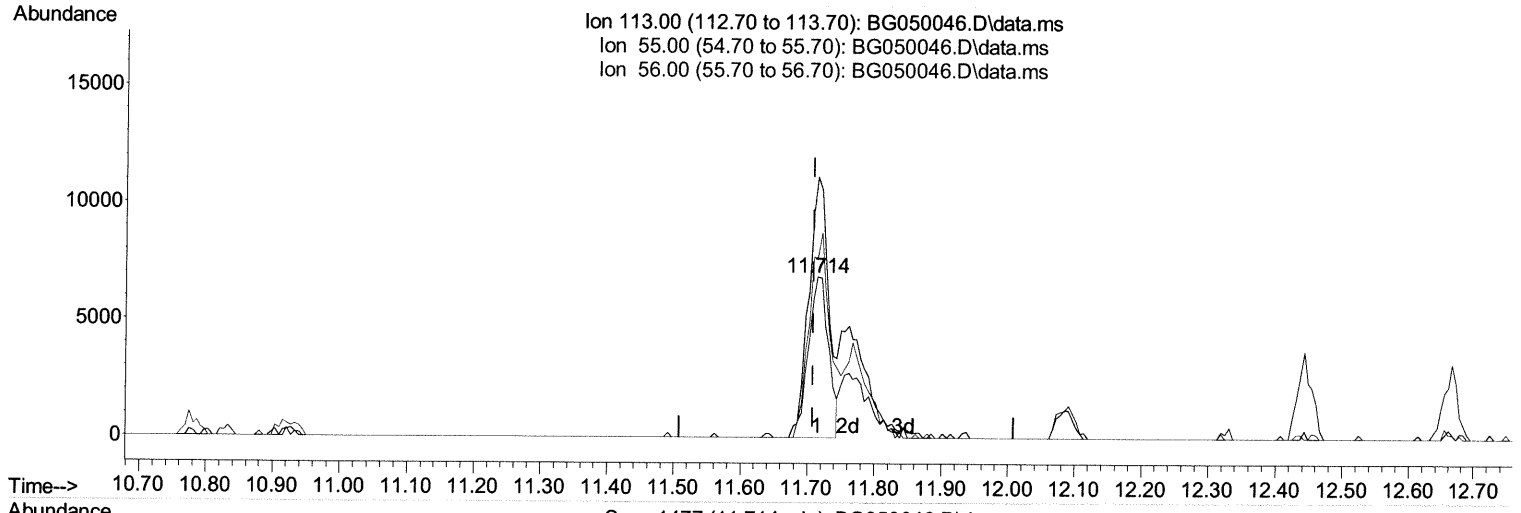

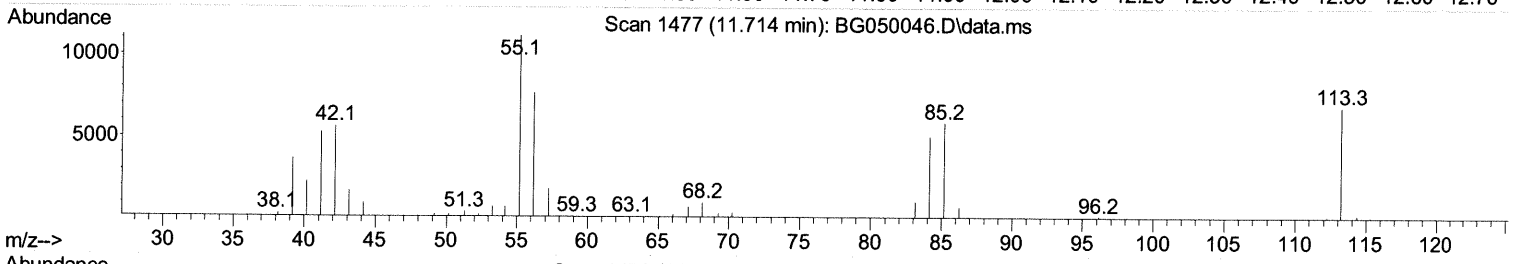

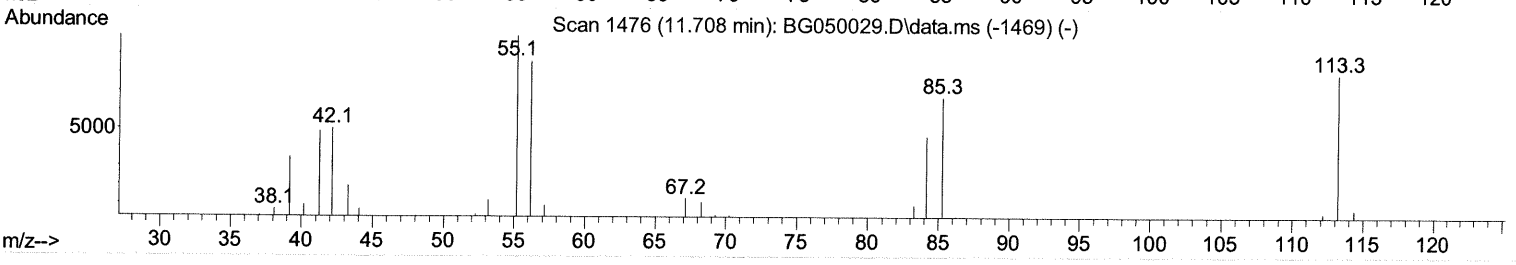

TIC: BG050046.D\data.ms

(34) Caprolactam

11.714min (+ 0.006) 24.76 ng/ul

response 14306

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	162.29
56.00	134.20	111.85
0.00	0.00	0.00

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mohammad
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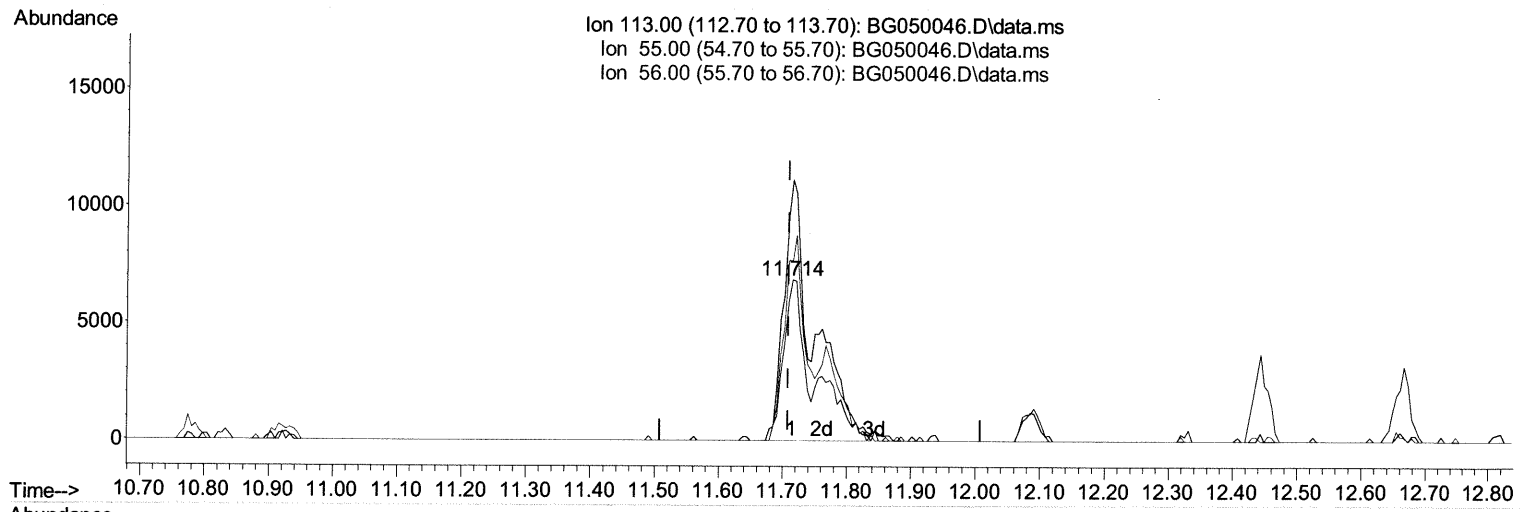

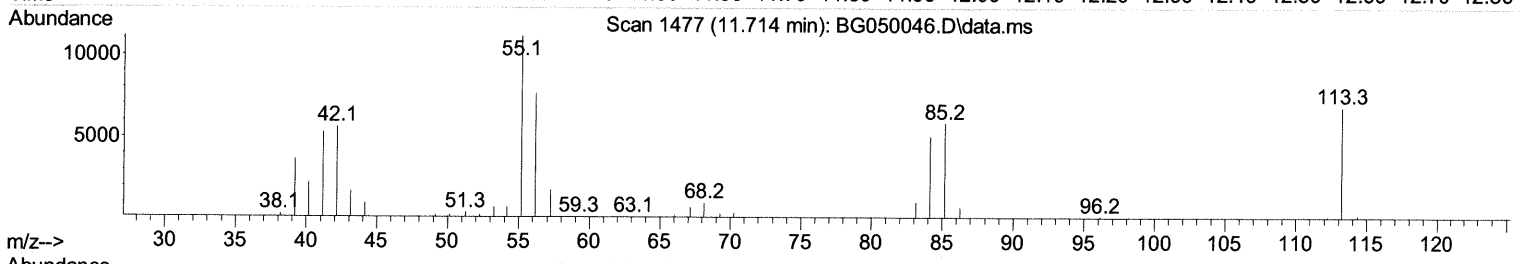

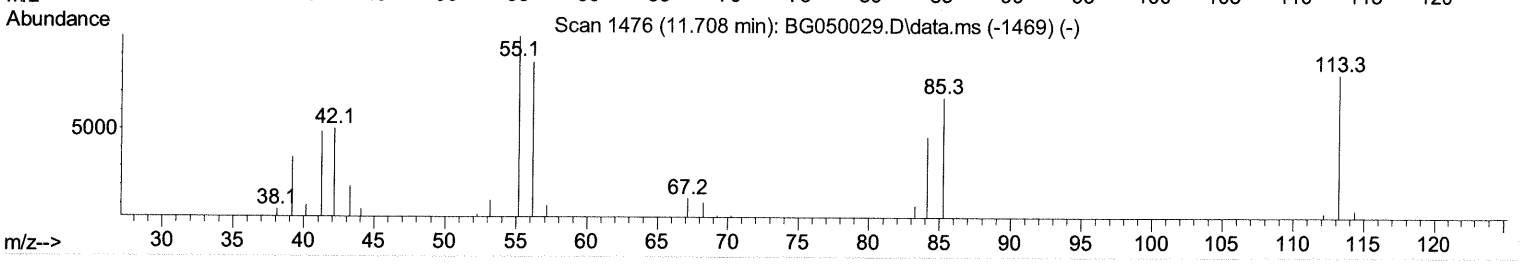

TIC: BG050046.D\data.ms

(34) Caprolactam

11.714min (+ 0.006) 38.54 ng/ul m 09/01/21 JU

response 22273

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	142.50	162.29
56.00	134.20	111.85
0.00	0.00	0.00

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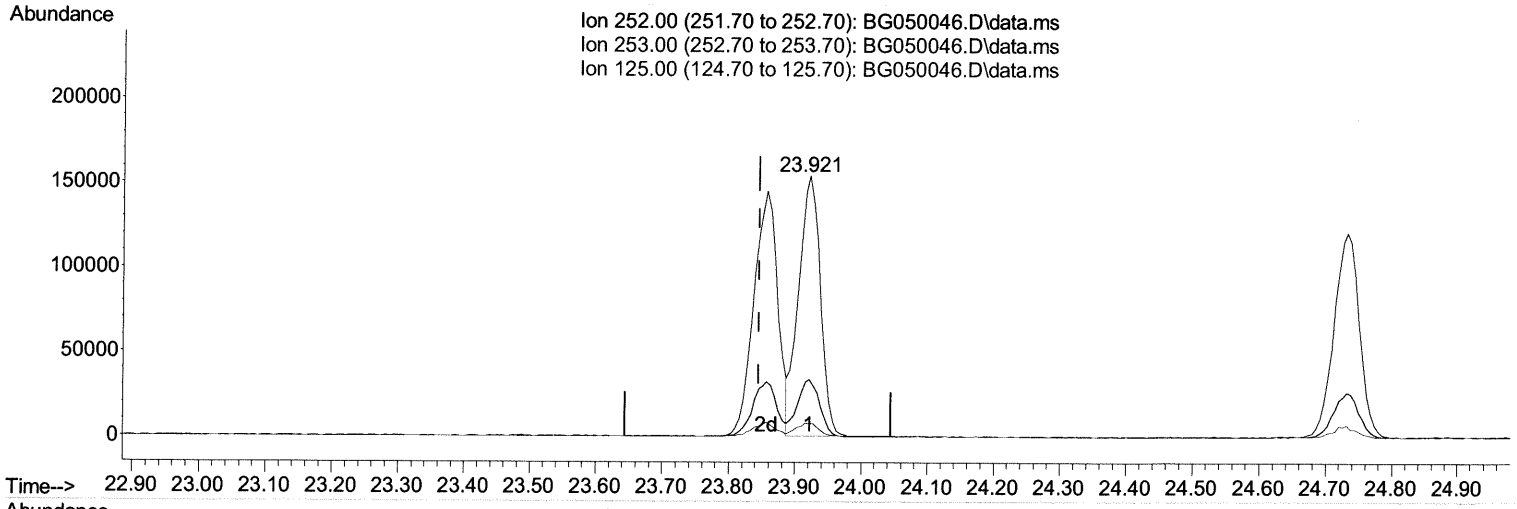

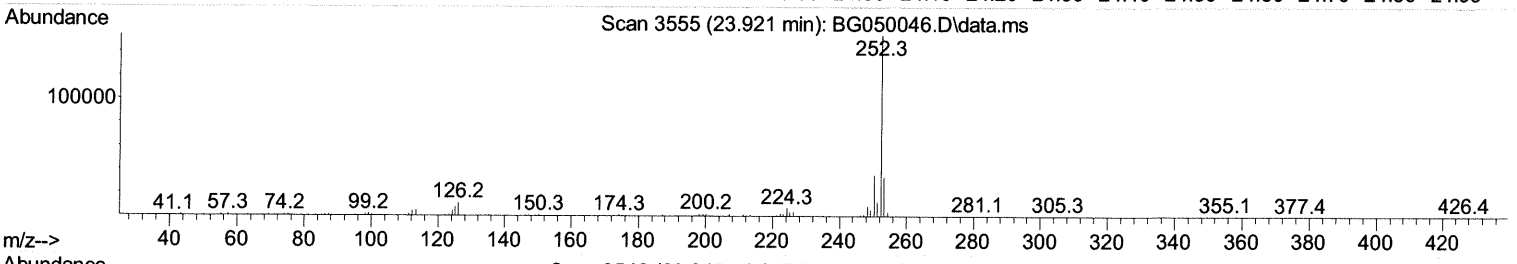

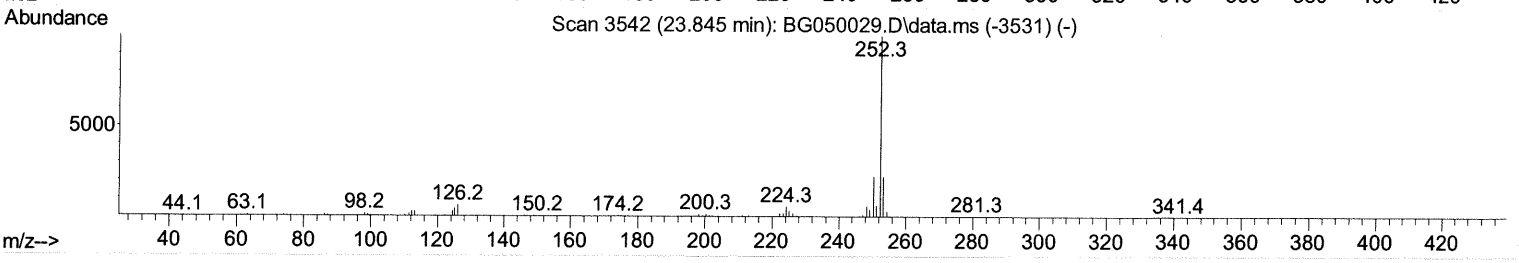

TIC: BG050046.D\data.ms

(90) Benzo(b)fluoranthene

23.921min (+ 0.076) 36.12 ng/ul

response 352003

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	21.79
125.00	4.20	4.75
0.00	0.00	0.00

Quantitation Report (Qedit)

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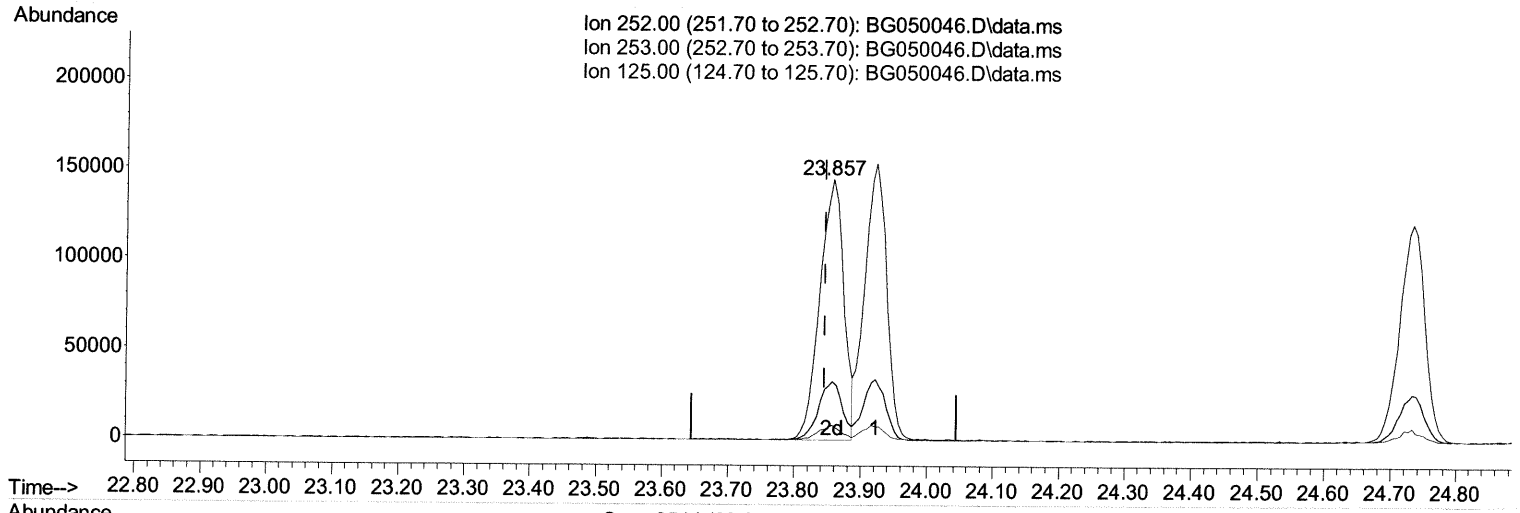

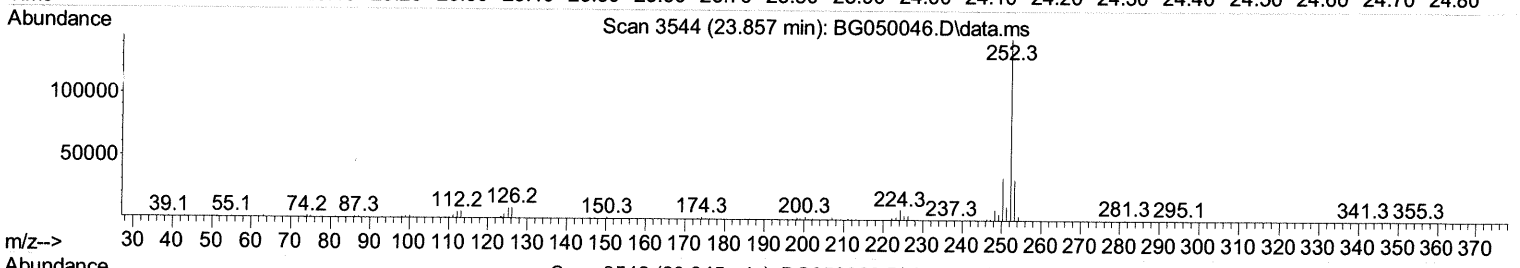

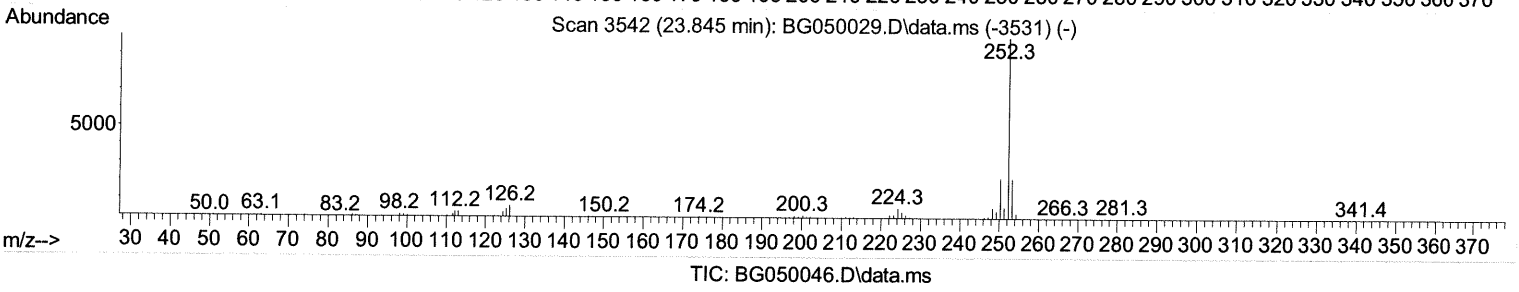

TIC: BG050046.D\data.ms

(90) Benzo(b)fluoranthene

23.857min (+ 0.012) 37.29 ng/ul m 09/01/21 JU

response 363368

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.60	22.31
125.00	4.20	5.60#
0.00	0.00	0.00

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.960	152	26040	20.000	ng/ul	0.00
20) Naphthalene-d8	10.780	136	109161	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.622	164	79391	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.377	188	170787	20.000	ng/ul	0.00
79) Chrysene-d12	21.654	240	148708	20.000	ng/ul	0.00
88) Perylene-d12	24.879	264	152355	20.000	ng/ul	0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.314	96	3680	7.287	ng/uL	0.00
4) Pyridine-d5	3.743	84	56858	37.381	ng/ul	0.00
7) Phenol-d5	7.132	99	90788	41.058	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.279	67	46198	37.606	ng/ul	0.00
11) 2-Chlorophenol-d4	7.491	132	67022	40.508	ng/ul	0.00
15) 4-Methylphenol-d8	8.689	113	71738	41.195	ng/ul	0.00
21) Nitrobenzene-d5	9.135	128	34547	40.821	ng/ul	0.00
24) 2-Nitrophenol-d4	9.858	143	41169	40.854	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.410	165	76455	42.537	ng/ul	0.00
31) 4-Chloroaniline-d4	10.921	131	95815	39.165	ng/ul	0.00
46) Dimethylphthalate-d6	14.023	166	228597	37.624	ng/ul	0.00
49) Acenaphthylene-d8	14.317	160	291462	40.913	ng/ul	0.00
54) 4-Nitrophenol-d4	14.857	143	31732	36.097	ng/ul	0.01
60) Fluorene-d10	15.621	176	205571	39.905	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.756	200	38686	35.209	ng/ul	0.00
73) Anthracene-d10	17.477	188	315742	41.170	ng/ul	0.00
81) Pyrene-d10	19.768	212	348634	43.384	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.661	264	319180	39.488	ng/ul	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.349	88	7343	11.928	ng/uL#	77
5) Pyridine	3.760	79	53344	32.449	ng/ul	93
6) Benzaldehyde	7.091	77	48339	37.988	ng/ul	95
8) Phenol	7.162	94	84666	37.908	ng/ul	95
10) Bis(2-Chloroethyl)ether	7.373	93	55186	35.793	ng/ul	98
12) 2-Chlorophenol	7.526	128	63453	38.811	ng/ul#	84
13) 2-Methylphenol	8.419	108	66185	38.410	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.489	45	58579	36.232	ng/ul	97
16) Acetophenone	8.789	105	104804	36.903	ng/ul	99
17) N-Nitroso-di-n-propyla...	8.771	70	53976	37.850	ng/ul#	92
18) 4-Methylphenol	8.748	108	68025	36.696	ng/ul#	70
19) Hexachloroethane	9.047	117	29213	40.829	ng/ul	95
22) Nitrobenzene	9.176	77	85784	37.408	ng/ul	93
23) Isophorone	9.699	82	147820	36.179	ng/ul	97
25) 2-Nitrophenol	9.893	139	38459	39.254	ng/ul	97
26) 2,4-Dimethylphenol	9.958	107	85090	39.079	ng/ul	92
27) Bis(2-Chloroethoxy)met...	10.181	93	80109	37.969	ng/ul	98
29) 2,4-Dichlorophenol	10.439	162	66619	40.382	ng/ul	95
30) Naphthalene	10.833	128	211063	38.683	ng/ul	98
32) 4-Chloroaniline	10.945	127	86993	36.923	ng/ul	94
33) Hexachlorobutadiene	11.109	225	52867	39.614	ng/ul	96
34) Caprolactam	11.714	113	22273m	> 38.543	ng/ul	> 09/01/21 JU
35) 4-Chloro-3-methylphenol	12.084	107	80566	40.863	ng/ul	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.443	142	161867	39.909	ng/ul	96
37) 1-Methylnaphthalene	12.666	142	153404	37.471	ng/ul#	97
39) 1,2,4,5-Tetrachloroben...	12.819	216	91915	39.417	ng/ul#	97
40) Hexachlorocyclopentadiene	12.789	237	13684	13.112	ng/ul#	95
41) 2,4,6-Trichlorophenol	13.065	196	60020	40.390	ng/ul	91
42) 2,4,5-Trichlorophenol	13.148	196	61189	39.288	ng/ul	92
43) 1,1'-Biphenyl	13.453	154	208079	37.515	ng/ul	99
44) 2-Chloronaphthalene	13.500	162	169962	38.150	ng/ul	98
45) 2-Nitroaniline	13.706	65	59252	39.172	ng/ul	91
47) Dimethylphthalate	14.070	163	209780	34.887	ng/ul	99
48) 2,6-Dinitrotoluene	14.205	165	47053	37.902	ng/ul	88
50) Acenaphthylene	14.346	152	251376	38.607	ng/ul	99
51) 3-Nitroaniline	14.534	138	43930	36.671	ng/ul	92
52) Acenaphthene	14.687	153	182057	38.545	ng/ul	97
53) 2,4-Dinitrophenol	14.757	184	17917	28.258	ng/ul	91
55) 4-Nitrophenol	14.869	109	37120	33.305	ng/ul	94
56) Dibenzofuran	15.022	168	248361	37.971	ng/ul	100
57) 2,4-Dinitrotoluene	14.998	165	67706	37.915	ng/ul#	99
58) 2,3,4,6-Tetrachlorophenol	15.262	232	52258	40.492	ng/ul#	92
59) Diethylphthalate	15.433	149	221300	35.976	ng/ul	98
61) Fluorene	15.674	166	211526	38.331	ng/ul	96
62) 4-Chlorophenyl-phenyle...	15.662	204	108964	37.319	ng/ul	97
63) 4-Nitroaniline	15.703	138	47616	39.831	ng/ul	94
66) 4,6-Dinitro-2-methylph...	15.773	198	32095	32.227	ng/ul	96
67) N-Nitrosodiphenylamine	15.879	169	179271	39.870	ng/ul	99
68) 4-Bromophenyl-phenylether	16.561	248	79440	42.047	ng/ul	96
69) Hexachlorobenzene	16.690	284	87201	39.970	ng/ul	97
70) Atrazine	16.831	200	79110	39.603	ng/ul	98
71) Pentachlorophenol	17.042	266	25884	28.019	ng/ul	99
72) Phenanthrene	17.424	178	332178	39.015	ng/ul	98
74) Anthracene	17.512	178	333816	38.690	ng/ul	95
75) 1,2,3,4-Tetrachloroben...	13.424	216	95654	41.745	ng/uL	94
76) Pentachlorobenzene	14.951	250	97905	40.324	ng/uL	94
77) Carbazole	17.788	167	294256	38.327	ng/ul	97
78) Di-n-butylphthalate	18.329	149	364380	37.109	ng/ul	99
80) Fluoranthene	19.433	202	399713	40.308	ng/ul#	98
82) Pyrene	19.797	202	391406	39.832	ng/ul	99
83) Butylbenzylphthalate	20.673	149	150044	38.693	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.542	252	118874	33.722	ng/ul	95
85) Benzo(a)anthracene	21.636	228	353456	38.145	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.519	149	211955	39.801	ng/ul	98
87) Chrysene	21.701	228	339057	38.709	ng/ul	96
89) Di-n-octyl phthalate	22.729	149	343290	37.982	ng/ul	100
90) Benzo(b)fluoranthene	23.857	252	363368m	37.285	ng/ul	04/01/21JU
91) Benzo(k)fluoranthene	23.921	252	352003	37.999	ng/ul	99
93) Benzo(a)pyrene	24.732	252	322247	38.074	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.591	276	425366	38.100	ng/ul#	97
95) Dibenzo(a,h)anthracene	28.632	278	349658	37.412	ng/ul	98
96) Benzo(g,h,i)perylene	29.749	276	347319	37.003	ng/ul	98

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