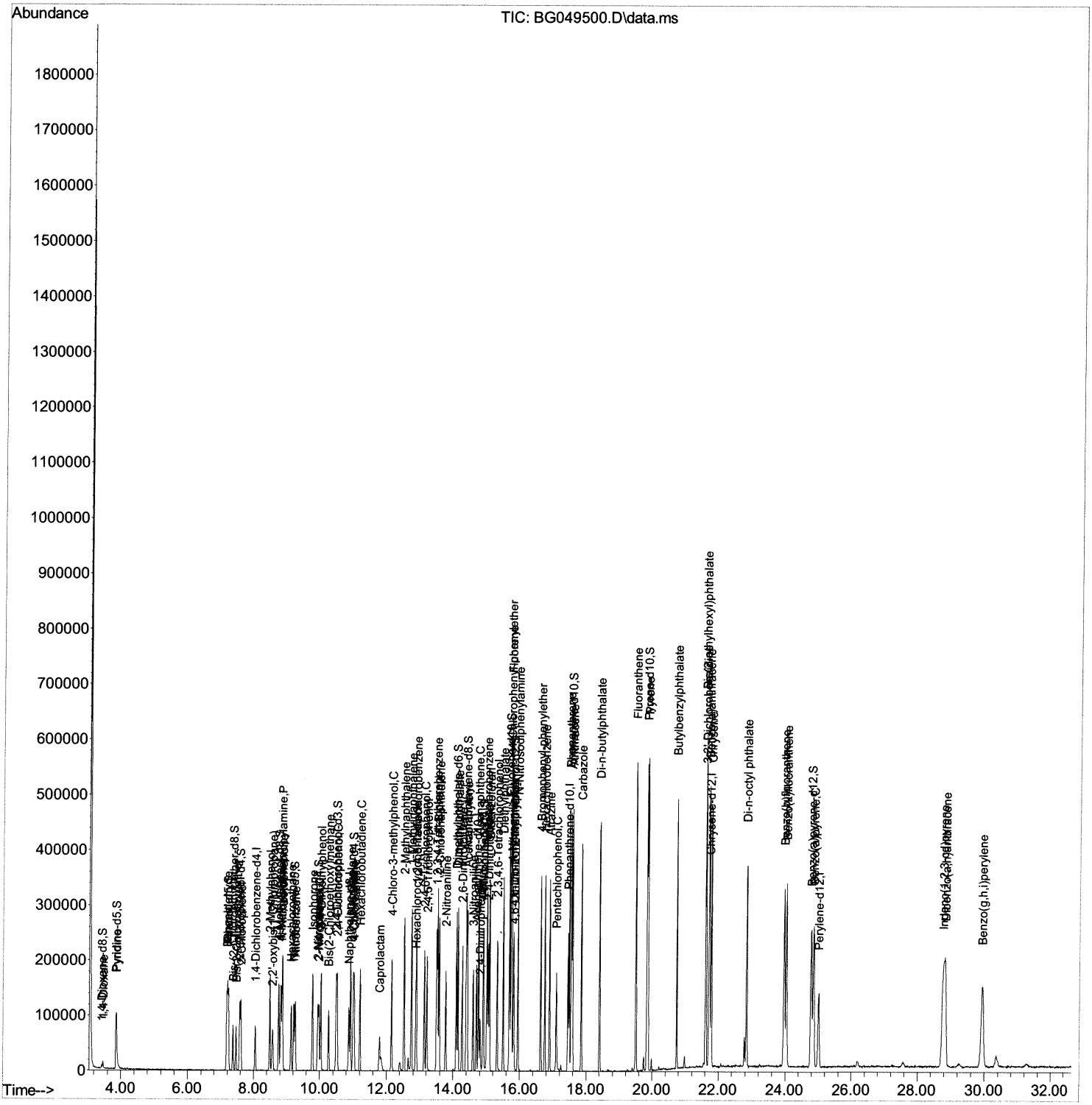
Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG072621\
Data File : BG049500.D
Acq On : 27 Jul 2021 9:41
Operator : CG/JU
Sample : PB137867BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Jul 27 10:20:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SFAM-EPA-BG072421.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Jul 26 11:36:47 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS867

Manual Integrations APPROVED
mohammad
7/27/2021 12:07:33 PM



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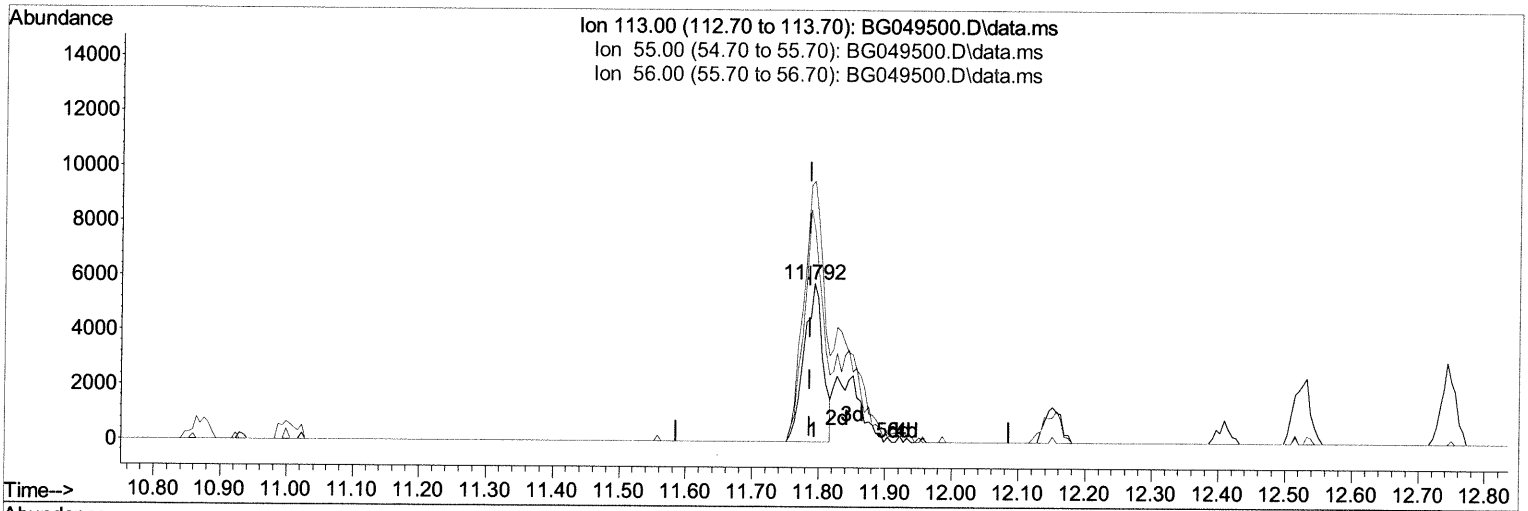

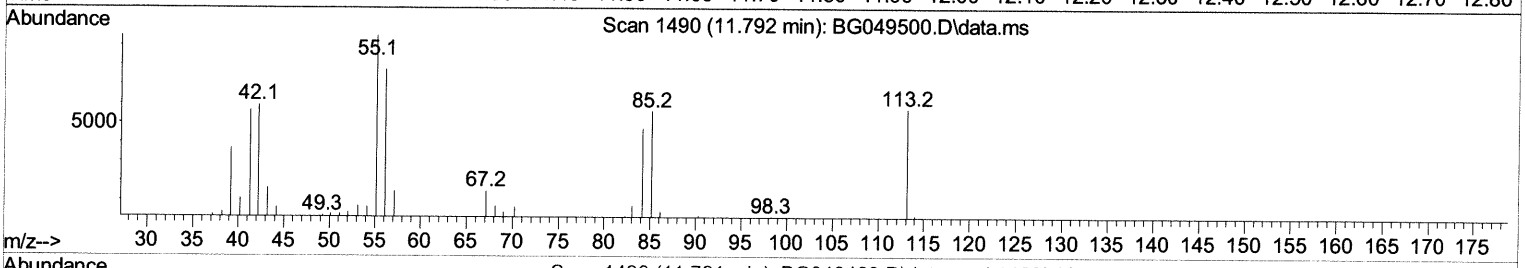

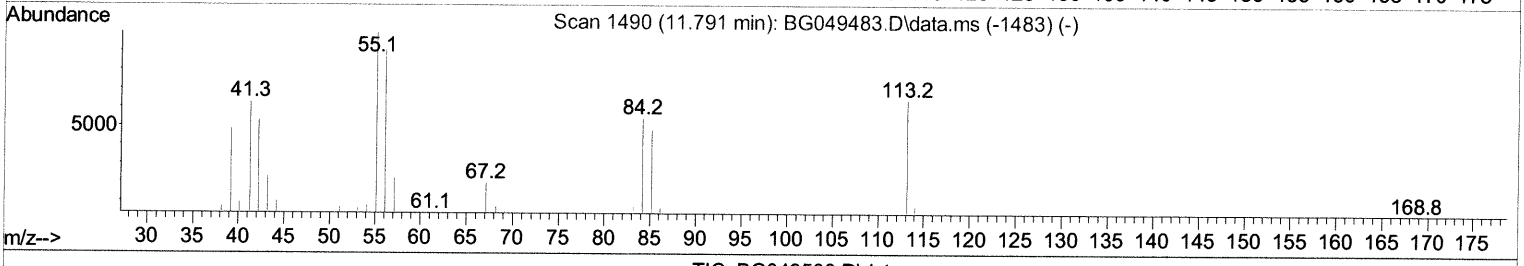

TIC: BG049500.D\data.ms

(34) Caprolactam

11.792min (+ 0.007) 22.84 ng/ul

response 11337

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	164.98
56.00	118.80	134.48
0.00	0.00	0.00

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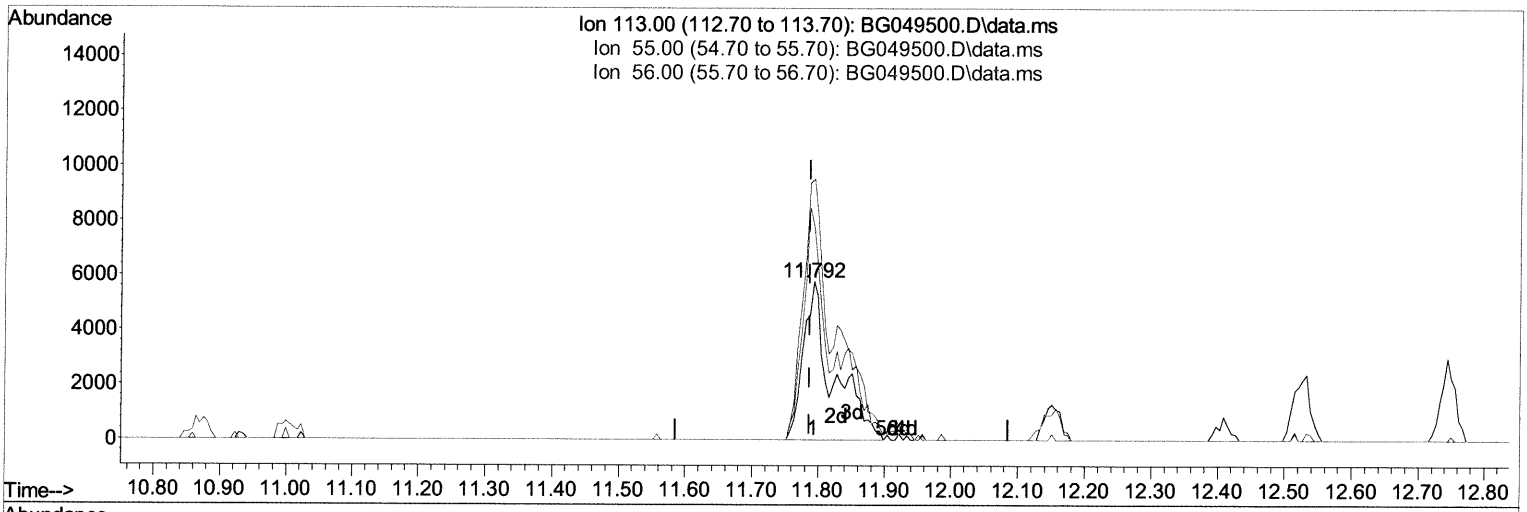

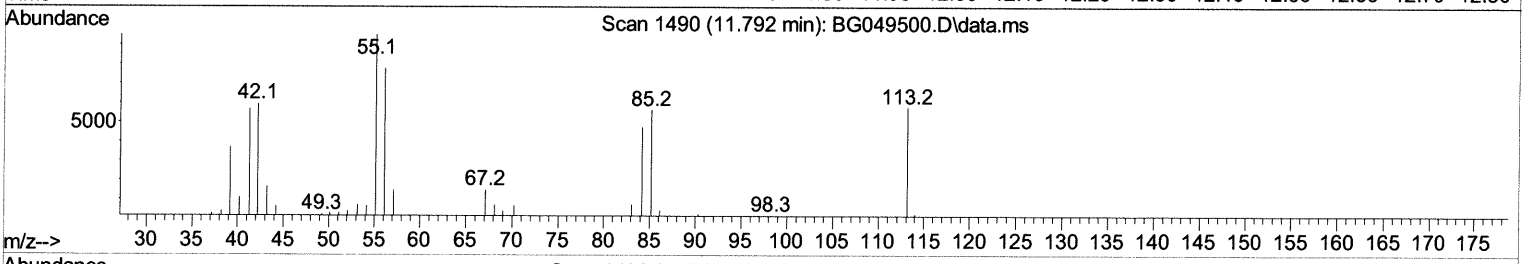

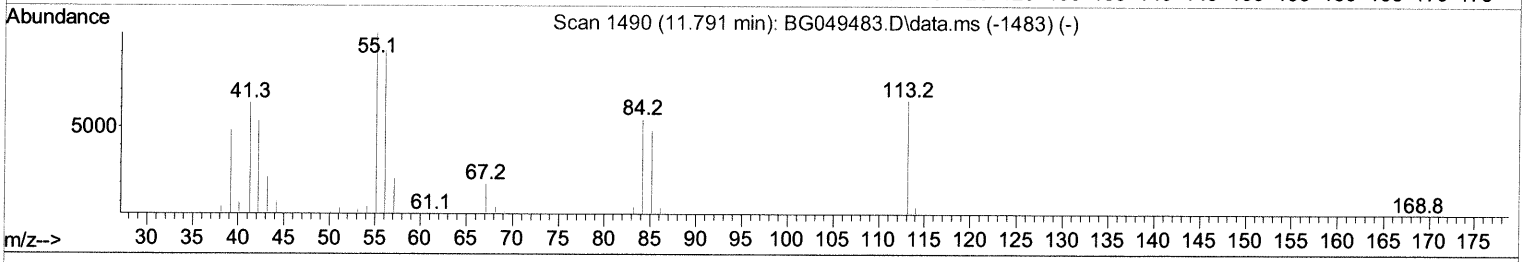

TIC: BG049500.D\data.ms

(34) Caprolactam

11.792min (+ 0.007) 36.16 ng/ul m 07/29/21 JU

response 17953

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	145.70	164.98
56.00	118.80	134.48
0.00	0.00	0.00

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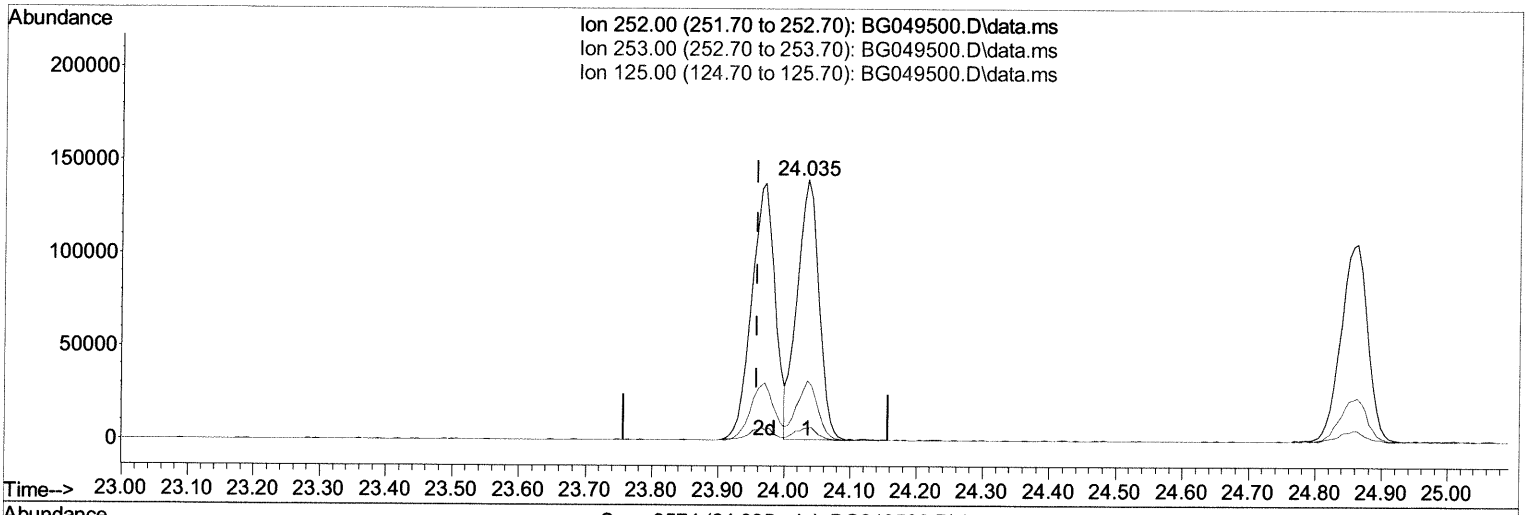

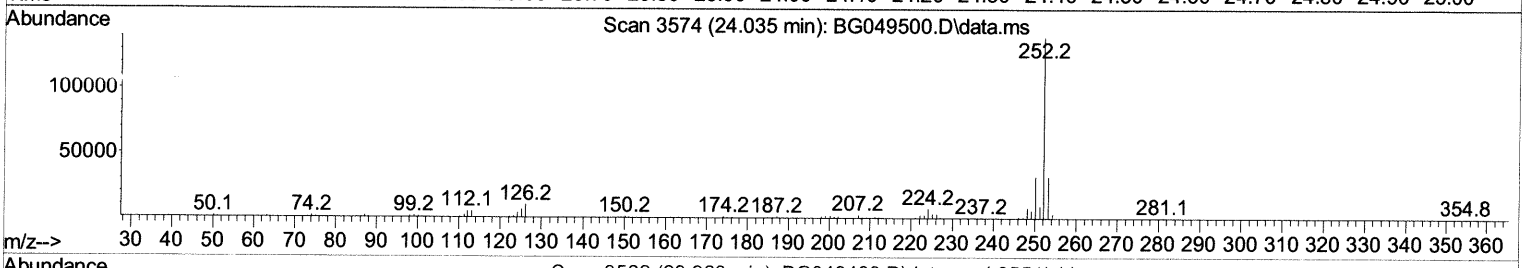

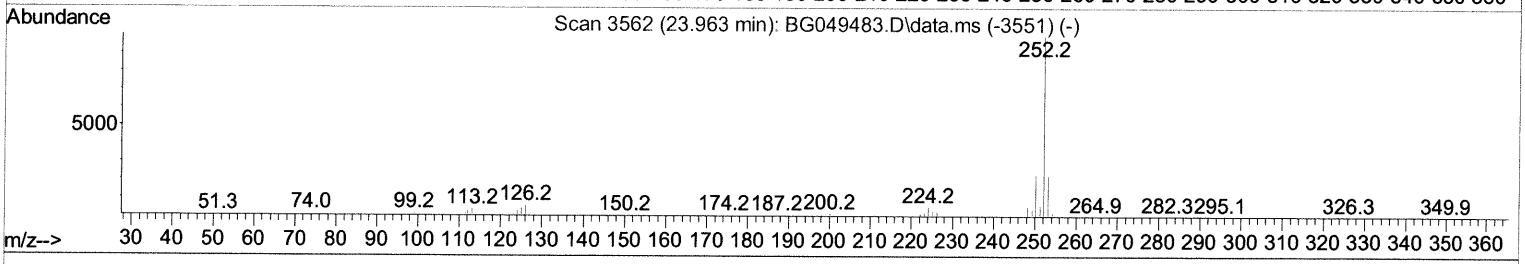

TIC: BG049500.D\data.ms

(90) Benzo(b)fluoranthene

24.035min (+ 0.077) 35.64 ng/ul

response 324234

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.72
125.00	5.60	4.59
0.00	0.00	0.00

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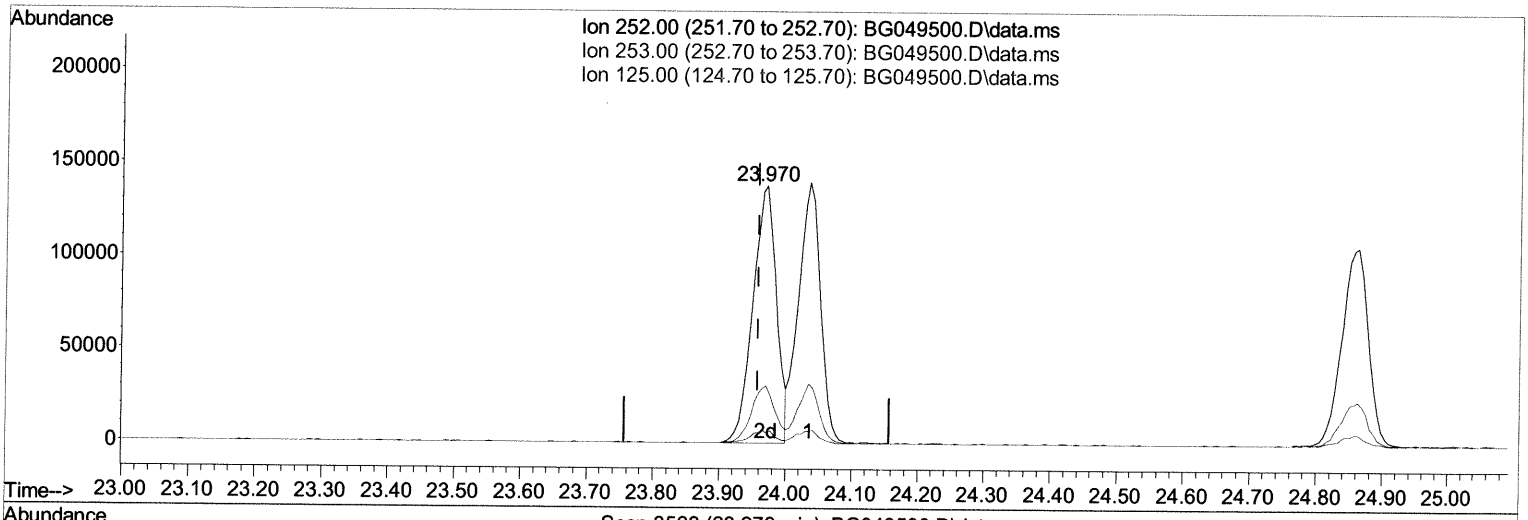

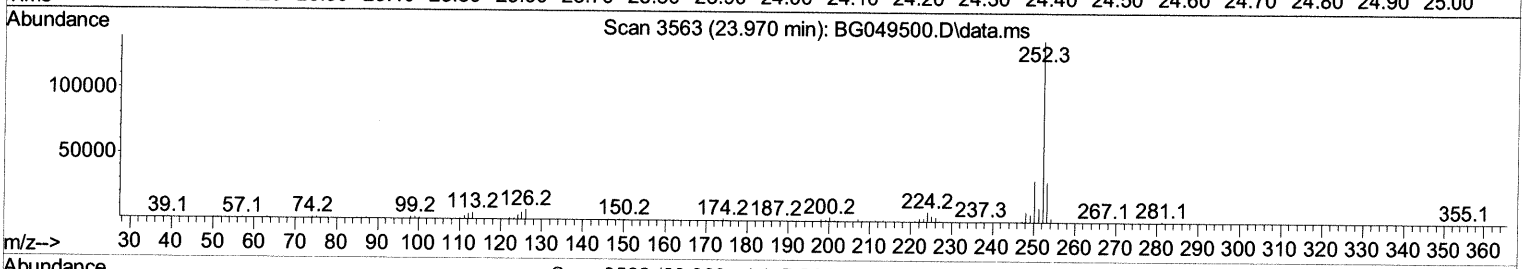

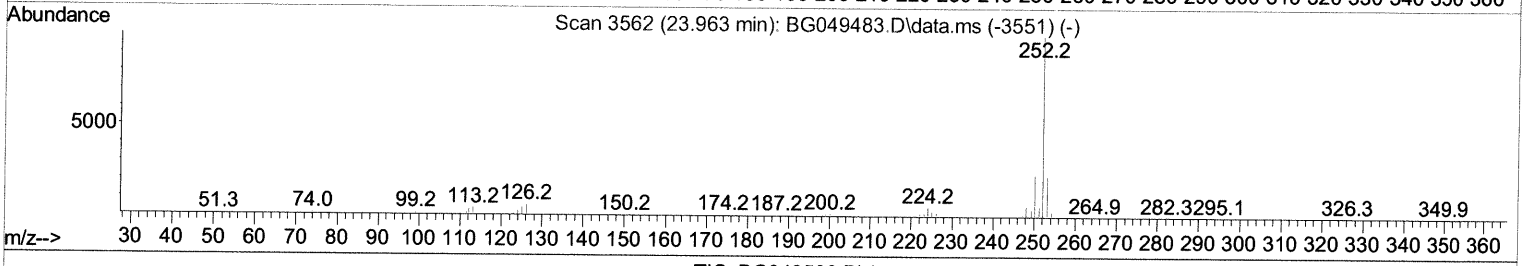

TIC: BG049500.D\data.ms

(90) Benzo(b)fluoranthene

23.970min (+ 0.013) 37.72 ng/ul m 07/29/21 JU

response 343166

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	21.40	22.11
125.00	5.60	3.97#
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	8.050	152	20607	20.000	ng/ul	0.00
20) Naphthalene-d8	10.870	136	91128	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.700	164	67606	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.449	188	152486	20.000	ng/ul	0.00
79) Chrysene-d12	21.732	240	139219	20.000	ng/ul	0.00
88) Perylene-d12	25.010	264	145161	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.427	96	3051	6.774	ng/uL	-0.01
4) Pyridine-d5	3.850	84	46360	35.834	ng/ul	0.00
7) Phenol-d5	7.204	99	70488	38.662	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.369	67	37491	36.307	ng/ul	0.00
11) 2-Chlorophenol-d4	7.575	132	49957	38.225	ng/ul	0.00
15) 4-Methylphenol-d8	8.755	113	55302	40.241	ng/ul	0.00
21) Nitrobenzene-d5	9.219	128	25897	36.963	ng/ul	0.00
24) 2-Nitrophenol-d4	9.942	143	31341	38.174	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.488	165	56425	37.788	ng/ul	0.00
31) 4-Chloroaniline-d4	10.999	131	74575	35.835	ng/ul	0.00
46) Dimethylphthalate-d6	14.095	166	187193	36.147	ng/ul	0.00
49) Acenaphthylene-d8	14.395	160	227666	37.850	ng/ul	0.00
54) 4-Nitrophenol-d4	14.900	143	31993	37.514	ng/ul	0.01
60) Fluorene-d10	15.693	176	170615	38.242	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.810	200	34513	36.525	ng/ul	0.00
73) Anthracene-d10	17.549	188	270001	38.098	ng/ul	0.00
81) Pyrene-d10	19.834	212	308849	43.385	ng/ul	0.00
92) Benzo(a)pyrene-d12	24.787	264	290408	38.064	ng/ul	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.468	88	7047	11.446	ng/uL#	91
5) Pyridine	3.868	79	48327	34.922	ng/ul#	85
6) Benzaldehyde	7.181	77	44756	41.139	ng/ul	97
8) Phenol	7.228	94	67479	37.888	ng/ul	97
10) Bis(2-Chloroethyl)ether	7.463	93	43415	35.383	ng/ul	96
12) 2-Chlorophenol	7.616	128	50726	40.316	ng/ul#	89
13) 2-Methylphenol	8.491	108	52884	38.959	ng/ul	96
14) 2,2'-oxybis(1-Chloropr...	8.573	45	52154	36.271	ng/ul	94
16) Acetophenone	8.873	105	83424	37.717	ng/ul	94
17) N-Nitroso-di-n-propyla...	8.855	70	45161	39.596	ng/ul#	90
18) 4-Methylphenol	8.820	108	54170	37.933	ng/ul	89
19) Hexachloroethane	9.137	117	21071	37.174	ng/ul	85
22) Nitrobenzene	9.261	77	73130	34.958	ng/ul#	95
23) Isophorone	9.783	82	122491	34.944	ng/ul	96
25) 2-Nitrophenol	9.977	139	28951	37.470	ng/ul#	79
26) 2,4-Dimethylphenol	10.030	107	65894	35.784	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.265	93	61839	35.371	ng/ul	94
29) 2,4-Dichlorophenol	10.518	162	53281	36.501	ng/ul	97
30) Naphthalene	10.923	128	169374	36.083	ng/ul	98
32) 4-Chloroaniline	11.029	127	67461	34.079	ng/ul	92
33) Hexachlorobutadiene	11.205	225	39749	35.618	ng/ul	96
34) Caprolactam	11.792	113	17953m	36.163	ng/ul	07/29/21 JU
35) 4-Chloro-3-methylphenol	12.151	107	65489	39.874	ng/ul	96

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 2-Methylnaphthalene	12.527	142	125804	36.618 ng/ul	95
37) 1-Methylnaphthalene	12.744	142	125135	36.046 ng/ul	93
39) 1,2,4,5-Tetrachloroben...	12.891	216	70592	35.132 ng/ul	95
40) Hexachlorocyclopentadiene	12.873	237	25804	21.313 ng/ul#	86
41) 2,4,6-Trichlorophenol	13.132	196	48122	38.971 ng/ul	88
42) 2,4,5-Trichlorophenol	13.208	196	51695	39.201 ng/ul	93
43) 1,1'-Biphenyl	13.531	154	165125	34.299 ng/ul#	96
44) 2-Chloronaphthalene	13.578	162	134137	35.806 ng/ul	94
45) 2-Nitroaniline	13.778	65	51480	38.722 ng/ul	96
47) Dimethylphthalate	14.148	163	179594	35.661 ng/ul	98
48) 2,6-Dinitrotoluene	14.271	165	38654	38.459 ng/ul#	92
50) Acenaphthylene	14.424	152	206723	35.988 ng/ul	96
51) 3-Nitroaniline	14.600	138	38446	38.353 ng/ul	92
52) Acenaphthene	14.765	153	147949	35.912 ng/ul	98
53) 2,4-Dinitrophenol	14.812	184	19297	38.536 ng/ul#	73
55) 4-Nitrophenol	14.912	109	41647	36.014 ng/ul	95
56) Dibenzofuran	15.100	168	209588	37.676 ng/ul	94
57) 2,4-Dinitrotoluene	15.059	165	56355	39.556 ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.323	232	48349	40.402 ng/ul#	98
59) Diethylphthalate	15.511	149	190717	36.591 ng/ul	97
61) Fluorene	15.746	166	174676	36.988 ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.734	204	89504	36.408 ng/ul#	88
63) 4-Nitroaniline	15.763	138	40967	41.213 ng/ul	90
66) 4,6-Dinitro-2-methylph...	15.828	198	31707	36.452 ng/ul#	91
67) N-Nitrosodiphenylamine	15.951	169	148335	37.119 ng/ul	97
68) 4-Bromophenyl-phenylether	16.633	248	63535	37.420 ng/ul	94
69) Hexachlorobenzene	16.756	284	72965	37.982 ng/ul	96
70) Atrazine	16.897	200	66939	36.675 ng/ul	93
71) Pentachlorophenol	17.103	266	36011	40.486 ng/ul	95
72) Phenanthrene	17.491	178	289405	36.457 ng/ul	96
74) Anthracene	17.585	178	285601	35.503 ng/ul	98
75) 1,2,3,4-Tetrachloroben...	13.502	216	73369	35.409 ng/uL	96
76) Pentachlorobenzene	15.017	250	81437	37.147 ng/uL	98
77) Carbazole	17.855	167	259745	36.116 ng/ul	98
78) Di-n-butylphthalate	18.407	149	320210	35.804 ng/ul	99
80) Fluoranthene	19.500	202	348606	40.330 ng/ul#	96
82) Pyrene	19.864	202	347910	40.540 ng/ul	99
83) Butylbenzylphthalate	20.739	149	133996	40.104 ng/ul	93
84) 3,3'-Dichlorobenzidine	21.620	252	112366	35.127 ng/ul#	98
85) Benzo(a)anthracene	21.708	228	326756	38.389 ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.608	149	190470	38.413 ng/ul	97
87) Chrysene	21.779	228	309367	37.973 ng/ul	97
89) Di-n-octyl phthalate	22.836	149	320946	37.613 ng/ul	100
90) Benzo(b)fluoranthene	23.970	252	343166m	37.718 ng/ul	07/29/21 JU
91) Benzo(k)fluoranthene	24.035	252	324829	36.480 ng/ul#	97
93) Benzo(a)pyrene	24.863	252	295317	37.414 ng/ul	98
94) Indeno(1,2,3-cd)pyrene	28.764	276	391050	38.828 ng/ul	98
95) Dibenzo(a,h)anthracene	28.834	278	321834	38.616 ng/ul	98
96) Benzo(g,h,i)perylene	29.938	276	324559	38.761 ng/ul#	90

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