Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG102721\
Data File : BG050765.D
Acq On : 28 Oct 2021 6:49
Operator : CG/JU
Sample : PB140136BS
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Oct 28 07:34:16 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\SFAM-EPA-BG102721.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 26 18:31:25 2021
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
SLCS136

Manual Integrations APPROVED
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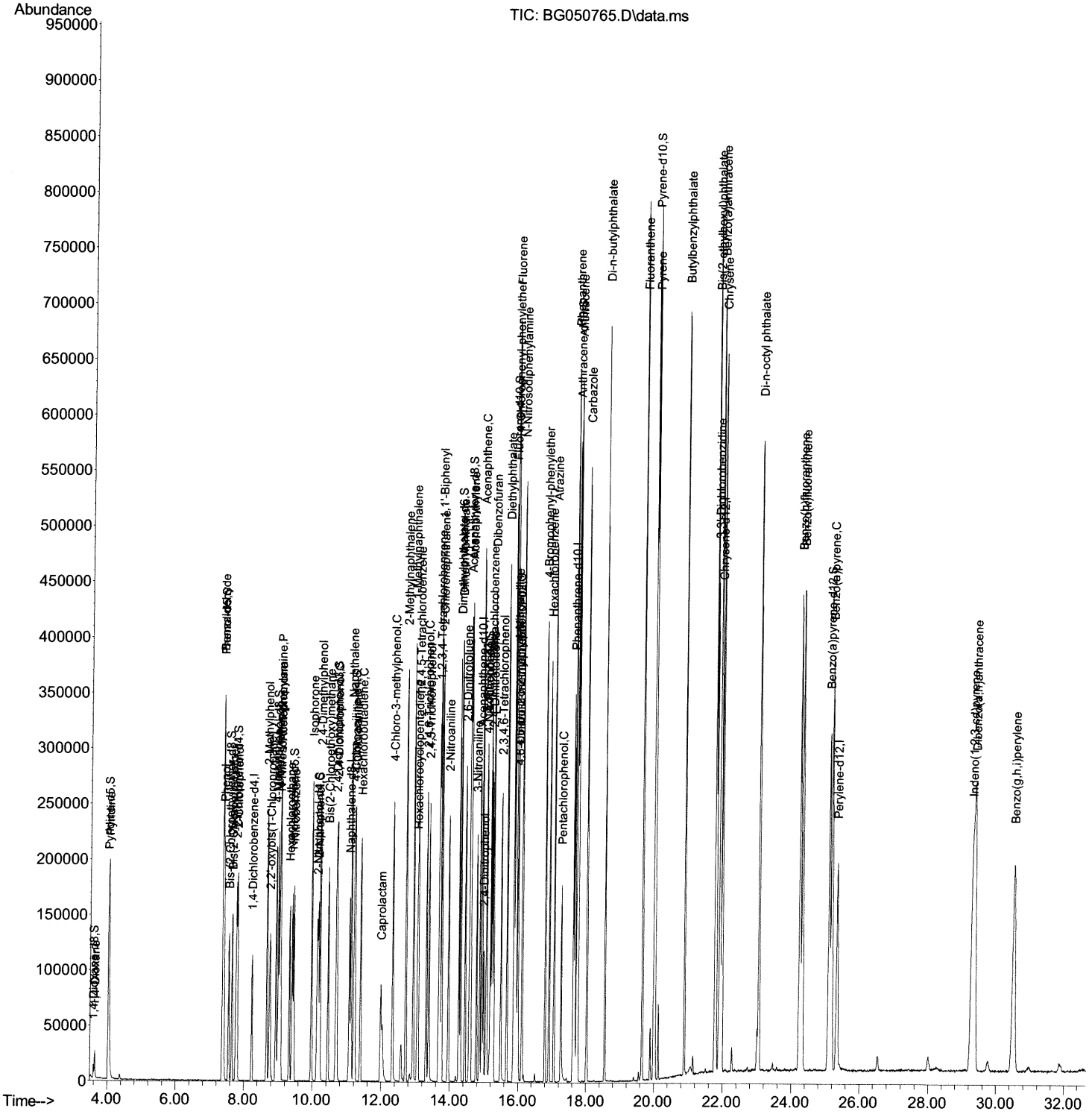
10/28/2021 11:15:55 AM



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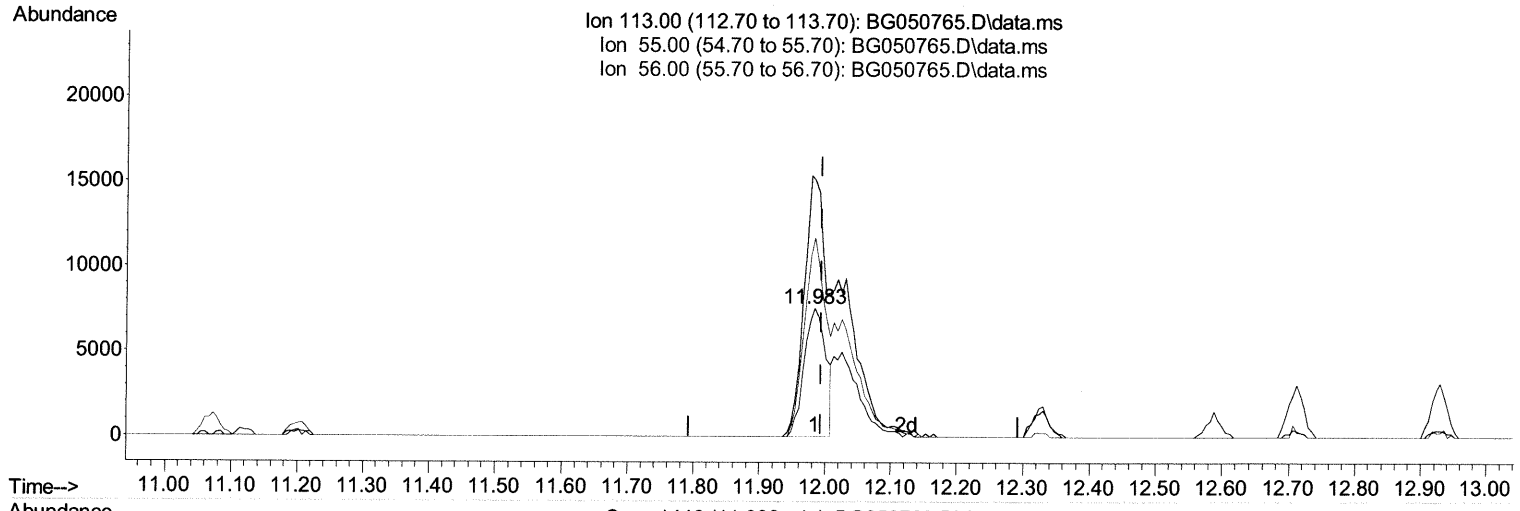

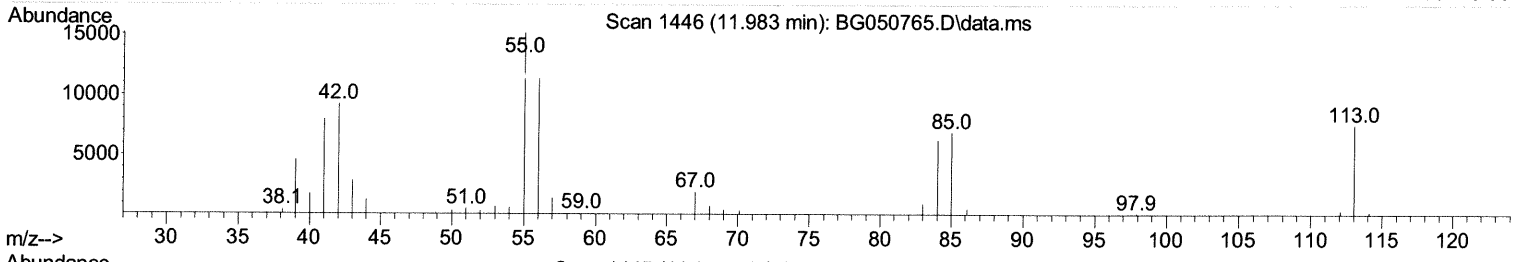

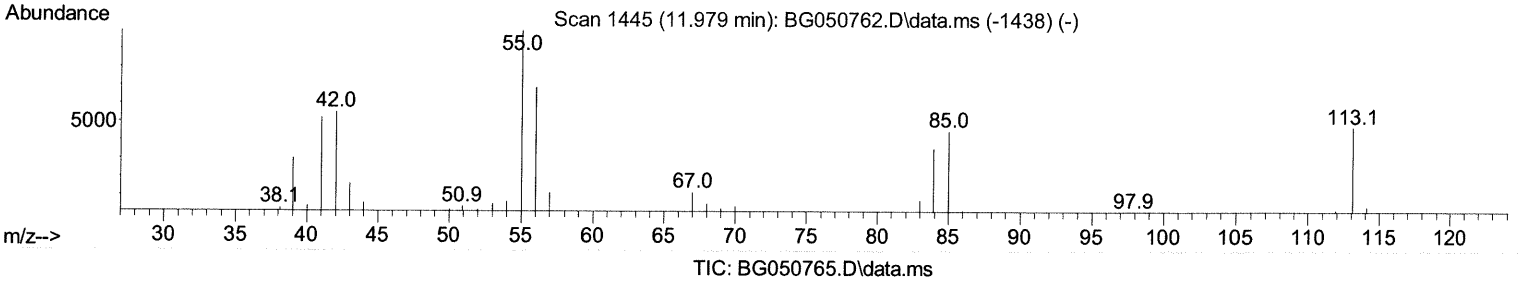

TIC: BG050765.D\data.ms

(34) Caprolactam

11.983min (-0.009) 19.67 ng/ul

response 17135

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	200.01
56.00	132.30	155.20
0.00	0.00	0.00

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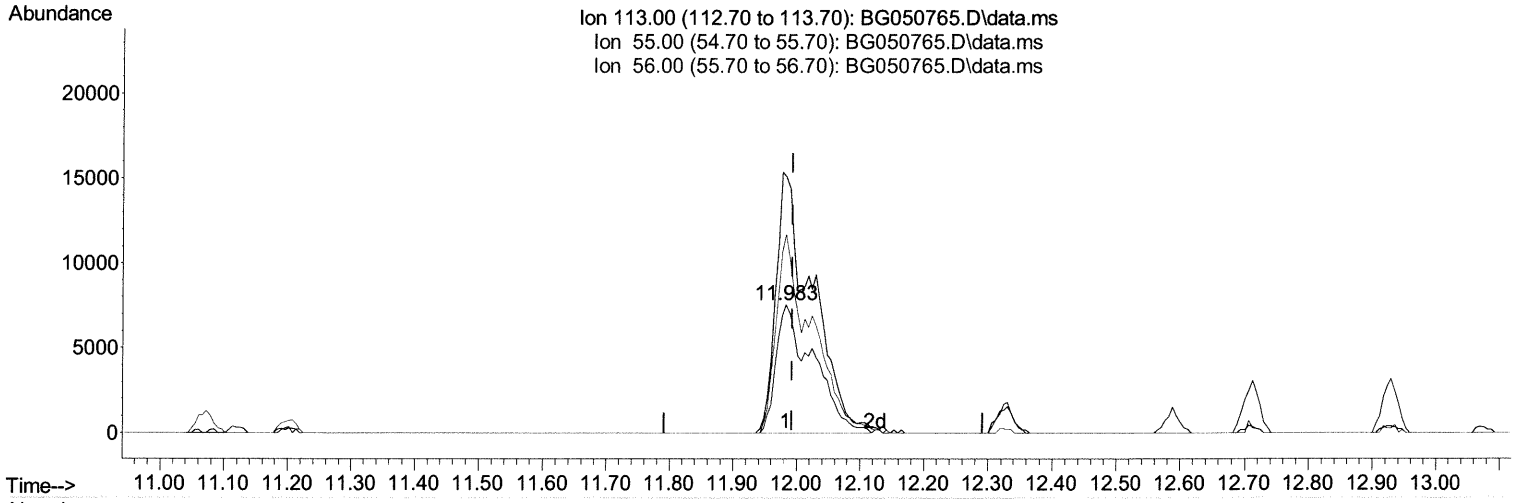

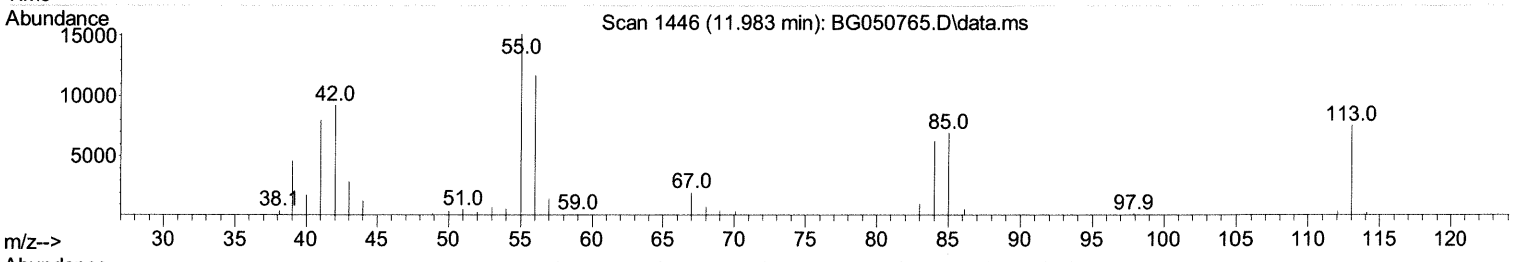

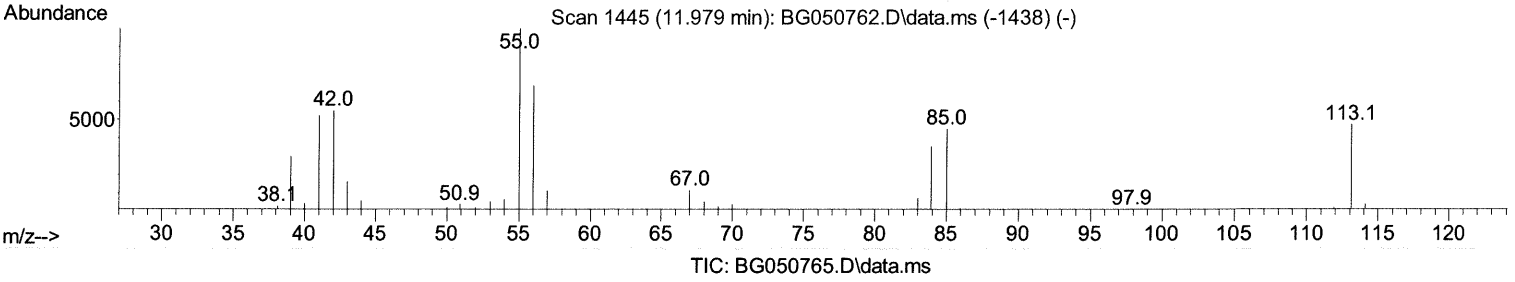

TIC: BG050765.D\data.ms

(34) Caprolactam

11.983min (-0.009) 35.09 ng/ul m 10/30/21 JU

response 30565

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	180.10	200.01
56.00	132.30	155.20
0.00	0.00	0.00

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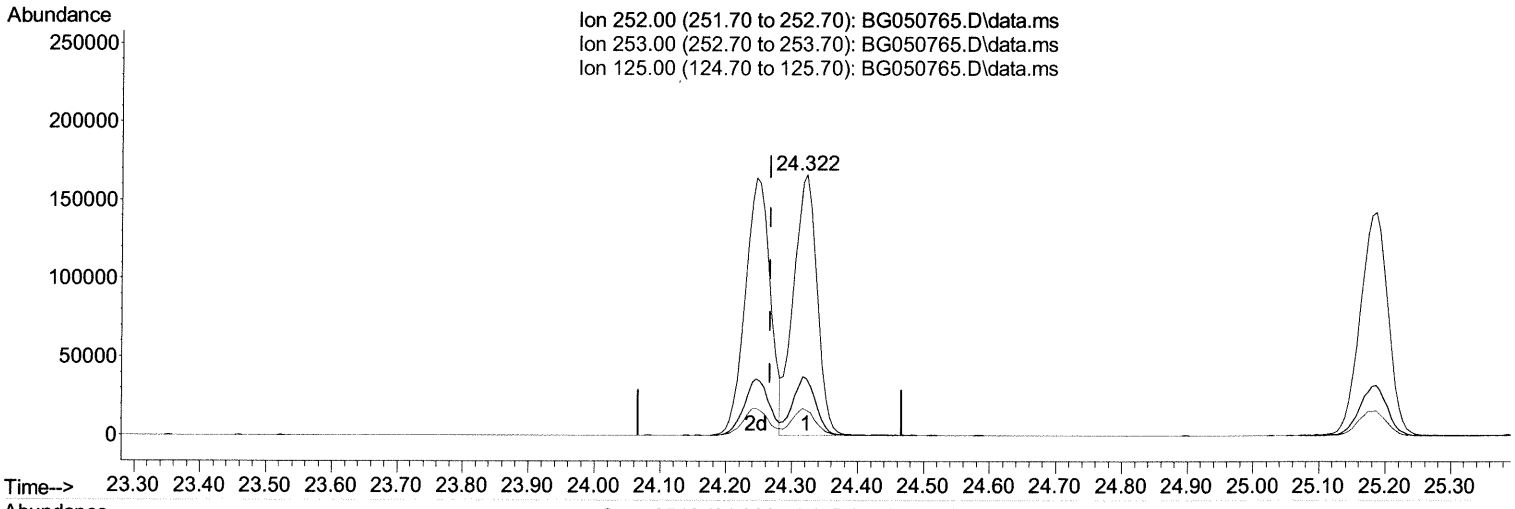

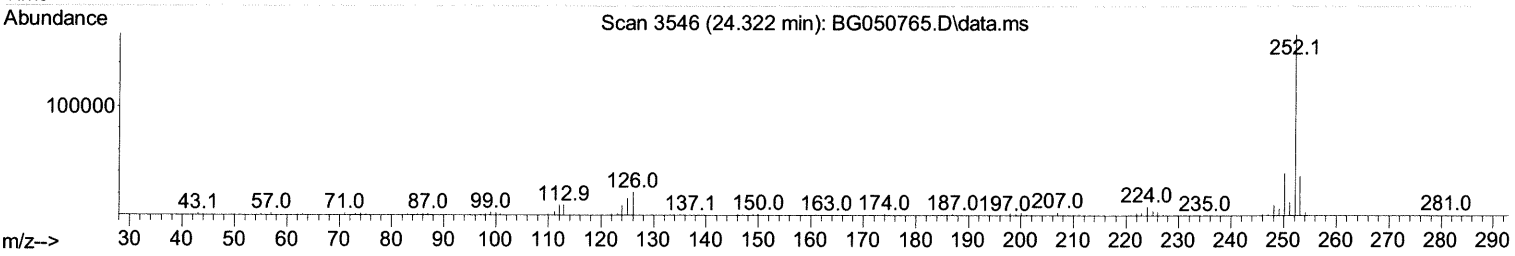

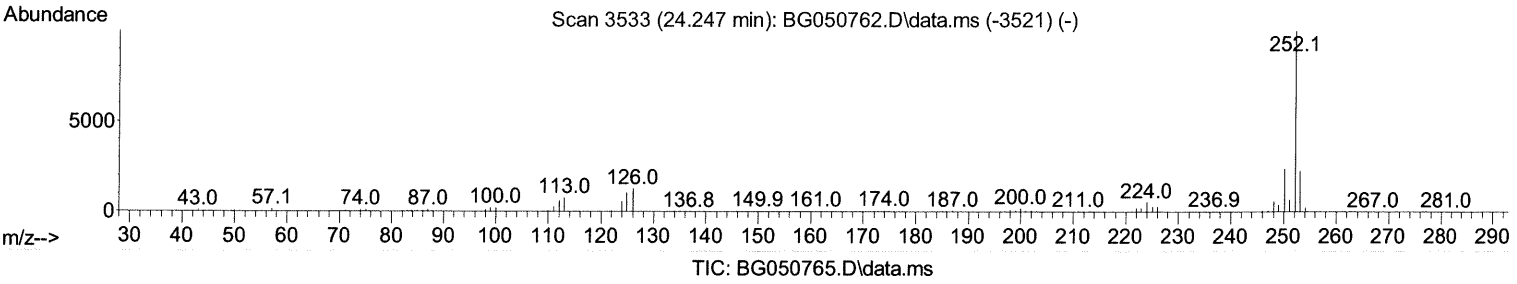

TIC: BG050765.D\data.ms

(90) Benzo(b)fluoranthene

24.322min (+ 0.055) 34.33 ng/ul

response 411969

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.69
125.00	8.40	9.64
0.00	0.00	0.00

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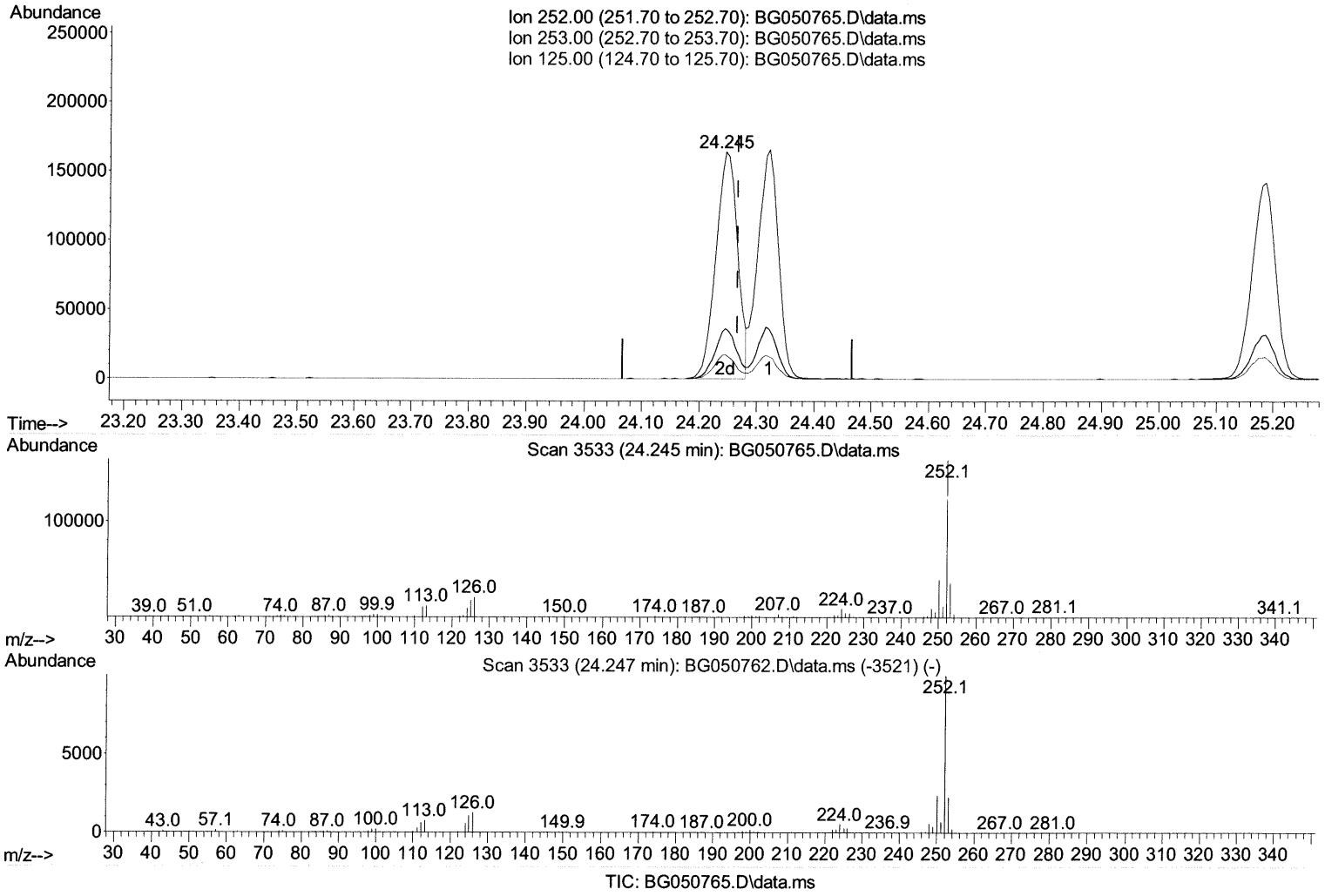

TIC: BG050765.D\data.ms

(90) Benzo(b)fluoranthene

24.245min (-0.021) 36.15 ng/ul m 10/30/21 JU

response 433812

Ion	Exp%	Act%
252.00	100.00	100.00
253.00	22.30	21.96
125.00	8.40	10.44#
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	8.241	152	31522	20.000	ng/ul	0.00
20) Naphthalene-d8	11.072	136	143710	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.868	164	96018	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.618	188	217022	20.000	ng/ul	0.00
79) Chrysene-d12	21.924	240	189283	20.000	ng/ul	# 0.00
88) Perylene-d12	25.344	264	188014	20.000	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.599	96	6216	7.770	ng/uL	0.00
4) Pyridine-d5	4.022	84	89445	35.305	ng/ul	0.00
7) Phenol-d5	7.383	99	105454	36.001	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.559	67	68413	36.301	ng/ul	0.00
11) 2-Chlorophenol-d4	7.770	132	76029	36.951	ng/ul	0.00
15) 4-Methylphenol-d8	8.940	113	82193	36.342	ng/ul	0.00
21) Nitrobenzene-d5	9.416	128	39631	36.129	ng/ul	0.00
24) 2-Nitrophenol-d4	10.144	143	44524	35.994	ng/ul	0.00
28) 2,4-Dichlorophenol-d3	10.685	165	74479	34.285	ng/ul	0.00
31) 4-Chloroaniline-d4	11.202	131	100865	31.637	ng/ul	0.00
46) Dimethylphthalate-d6	14.263	166	242802	35.806	ng/ul	0.00
49) Acenaphthylene-d8	14.568	160	292604	34.745	ng/ul	0.00
54) 4-Nitrophenol-d4	15.056	143	45150	36.790	ng/ul	0.00
60) Fluorene-d10	15.861	176	209348	35.924	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.973	200	42600	33.543	ng/ul	0.00
73) Anthracene-d10	17.718	188	334032	35.898	ng/ul	0.00
81) Pyrene-d10	19.991	212	392639	36.400	ng/ul	0.00
92) Benzo(a)pyrene-d12	25.109	264	331278	34.246	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.634	88	13746	13.851	ng/uL#	85
5) Pyridine	4.045	79	95244	36.154	ng/ul	98
6) Benzaldehyde	7.377	77	78332	53.594	ng/ul	92
8) Phenol	7.412	94	110620	36.201	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.653	93	84669	36.727	ng/ul	98
12) 2-Chlorophenol	7.800	128	77553	37.500	ng/ul	90
13) 2-Methylphenol	8.675	108	81866	36.185	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.763	45	131500	36.131	ng/ul	98
16) Acetophenone	9.069	105	128058	36.153	ng/ul	99
17) N-Nitroso-di-n-propyla...	9.045	70	79593	37.152	ng/ul#	92
18) 4-Methylphenol	9.004	108	87309	36.591	ng/ul	98
19) Hexachloroethane	9.333	117	33445	37.476	ng/ul	92
22) Nitrobenzene	9.463	77	112432	35.267	ng/ul	99
23) Isophorone	9.980	82	213136	35.168	ng/ul	98
25) 2-Nitrophenol	10.174	139	45732	35.479	ng/ul	98
26) 2,4-Dimethylphenol	10.221	107	96836	34.365	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.456	93	115540	35.162	ng/ul	98
29) 2,4-Dichlorophenol	10.708	162	74851	35.664	ng/ul	96
30) Naphthalene	11.119	128	254669	34.739	ng/ul	99
32) 4-Chloroaniline	11.225	127	103410	32.296	ng/ul	95
33) Hexachlorobutadiene	11.396	225	48753	34.276	ng/ul	99
34) Caprolactam	11.983	113	30565m	35.086	ng/ul	10/30/21 JU
35) 4-Chloro-3-methylphenol	12.330	107	93557	35.804	ng/ul	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.712	142	171693	35.017	ng/ul	98
37) 1-Methylnaphthalene	12.929	142	172866	34.907	ng/ul	97
39) 1,2,4,5-Tetrachloroben...	13.070	216	91199	34.190	ng/ul#	97
40) Hexachlorocyclopentadiene	13.047	237	44183	30.817	ng/ul	96
41) 2,4,6-Trichlorophenol	13.305	196	60654	34.546	ng/ul	97
42) 2,4,5-Trichlorophenol	13.382	196	65374	35.280	ng/ul	97
43) 1,1'-Biphenyl	13.705	154	229871	34.553	ng/ul	100
44) 2-Chloronaphthalene	13.752	162	179790	34.897	ng/ul	98
45) 2-Nitroaniline	13.951	65	75349	36.670	ng/ul	94
47) Dimethylphthalate	14.310	163	243223	35.719	ng/ul	99
48) 2,6-Dinitrotoluene	14.439	165	51188	36.481	ng/ul	94
50) Acenaphthylene	14.598	152	302476	35.132	ng/ul	99
51) 3-Nitroaniline	14.768	138	54216	39.986	ng/ul	94
52) Acenaphthene	14.933	153	200636	35.670	ng/ul	97
53) 2,4-Dinitrophenol	14.980	184	25811	32.981	ng/ul	89
55) 4-Nitrophenol	15.068	109	42291	35.835	ng/ul	92
56) Dibenzofuran	15.268	168	283260	35.617	ng/ul	96
57) 2,4-Dinitrotoluene	15.226	165	75388	37.446	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.491	232	53230	36.854	ng/ul	93
59) Diethylphthalate	15.667	149	264736	36.394	ng/ul	98
61) Fluorene	15.914	166	225808	35.771	ng/ul	95
62) 4-Chlorophenyl-phenyle...	15.896	204	118112	35.477	ng/ul	92
63) 4-Nitroaniline	15.931	138	57264	45.117	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.990	198	41858	34.119	ng/ul	95
67) N-Nitrosodiphenylamine	16.114	169	203302	35.255	ng/ul	96
68) 4-Bromophenyl-phenylether	16.795	248	72238	35.329	ng/ul	92
69) Hexachlorobenzene	16.919	284	73410	35.154	ng/ul	99
70) Atrazine	17.054	200	86582	35.072	ng/ul	94
71) Pentachlorophenol	17.265	266	33148	31.149	ng/ul	98
72) Phenanthrene	17.659	178	388716	35.830	ng/ul	100
74) Anthracene	17.753	178	389597	36.000	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.675	216	94584	32.596	ng/uL	98
76) Pentachlorobenzene	15.185	250	86774	32.379	ng/uL	98
77) Carbazole	18.017	167	365612	36.383	ng/ul	99
78) Di-n-butylphthalate	18.552	149	477591	37.631	ng/ul	99
80) Fluoranthene	19.657	202	483880	35.197	ng/ul#	95
82) Pyrene	20.021	202	470188	34.976	ng/ul#	95
83) Butylbenzylphthalate	20.890	149	209217	36.712	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.807	252	148330	35.329	ng/ul#	99
85) Benzo(a)anthracene	21.901	228	435765	36.300	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.772	149	298655	36.825	ng/ul	99
87) Chrysene	21.971	228	414445	36.260	ng/ul	99
89) Di-n-octyl phthalate	23.053	149	509142	37.195	ng/ul	100
90) Benzo(b)fluoranthene	24.245	252	433812m >	36.149	ng/ul >	10/30/21 JU
91) Benzo(k)fluoranthene	24.322	252	411969	36.835	ng/ul	99
93) Benzo(a)pyrene	25.185	252	414679	36.051	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	29.269	276	464925	36.577	ng/ul#	95
95) Dibenzo(a,h)anthracene	29.345	278	393536	35.997	ng/ul	98
96) Benzo(g,h,i)perylene	30.514	276	386604	36.407	ng/ul	96

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