Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102920\
Data File : BG047182.D
Acq On : 31 Oct 2020 9:44
Operator : CG/JU
Sample : SSTDCCC020
Misc : GCMS CONFIRMATION
ALS Vial : 72 Sample Multiplier: 1

Quant Time: Nov 01 23:37:41 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG102220MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 29 16:49:45 2020
Response via : Initial Calibration

Instrument :
BNA_G
LabSampleId :
SSTD02043

Manual Integrations APPROVED
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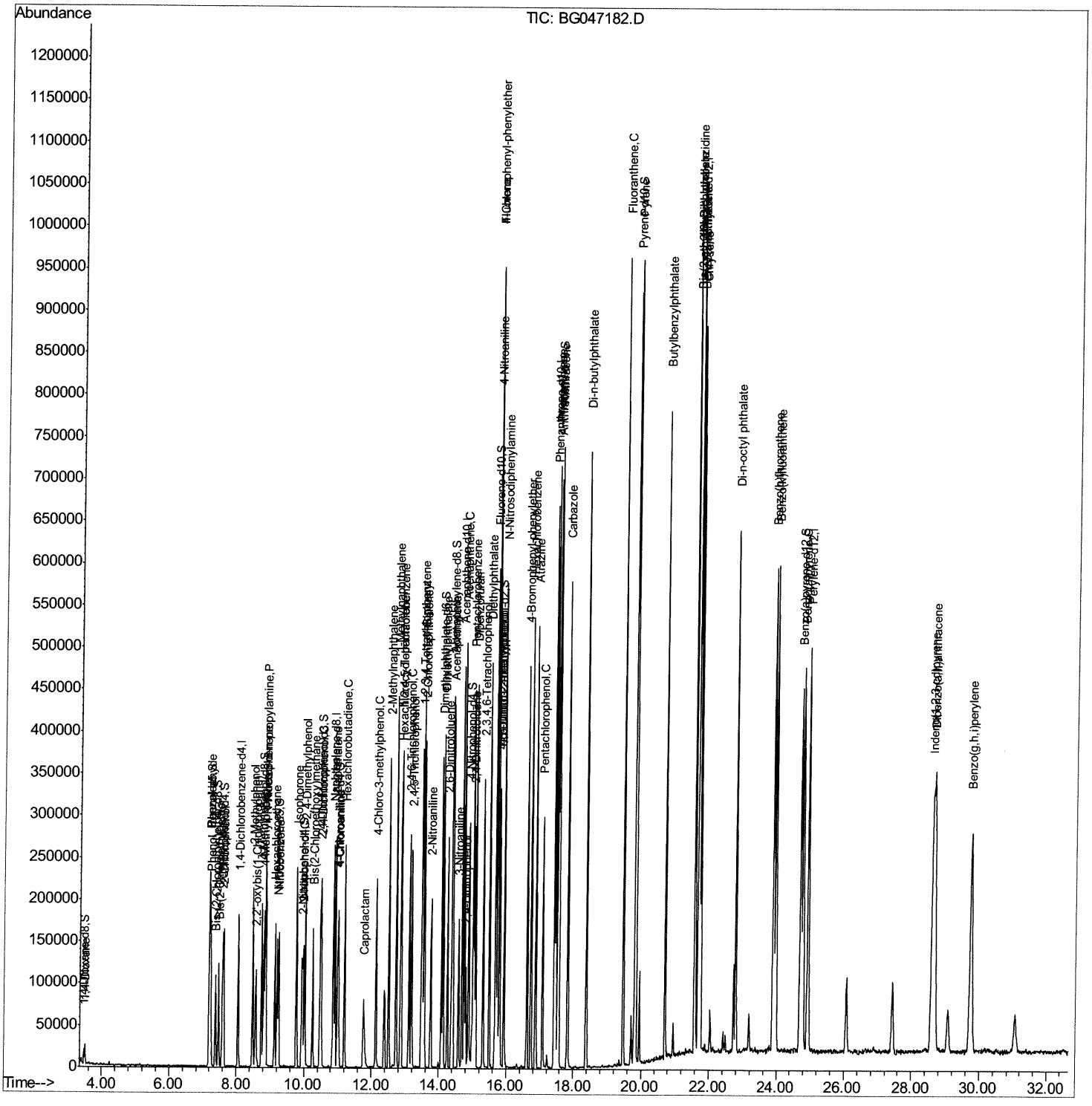

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Quant Time: Nov 01 23:14:08 2020
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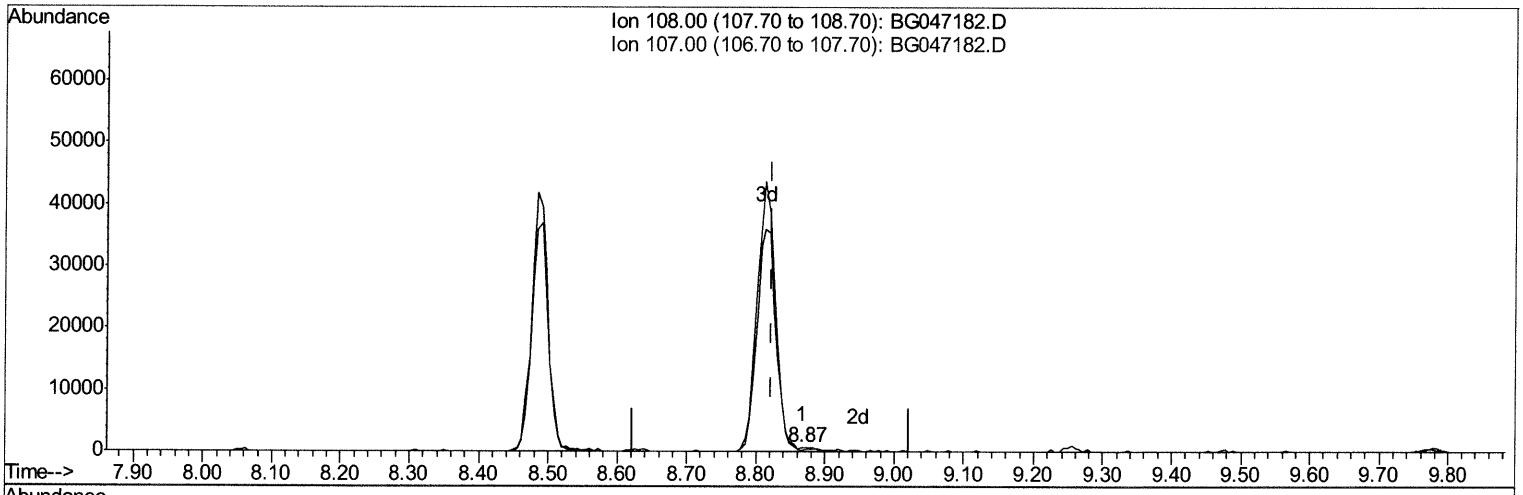

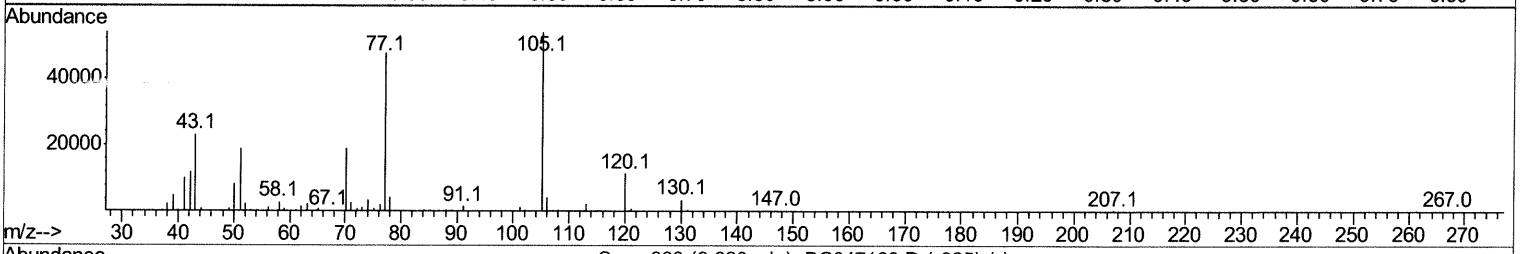

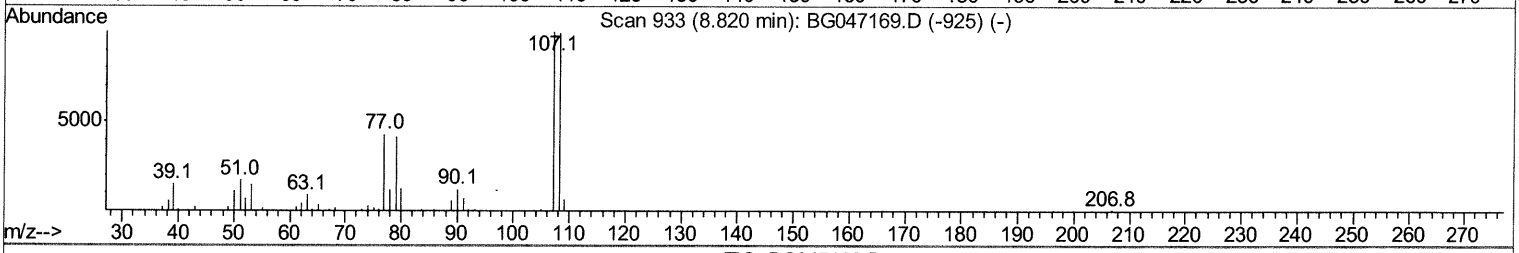

TIC: BG047182.D

(16) 4-Methylphenol

8.866min (+0.043) 0.07ng/ul

response 251

Ion	Exp%	Act%
108.00	100	100
107.00	99.20	97.17
0.00	0.00	0.00
0.00	0.00	0.00

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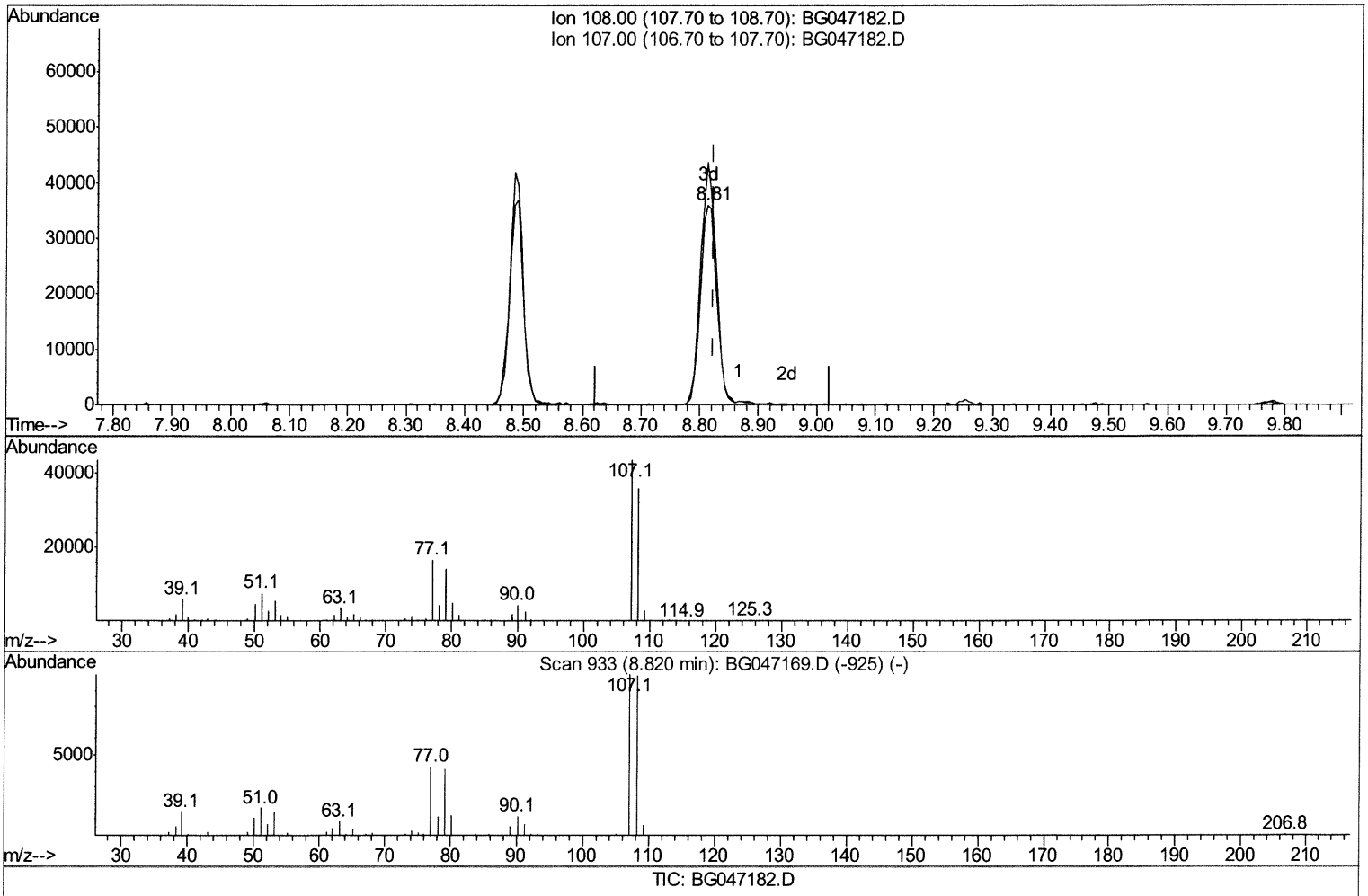

TIC: BG047182.D

(16) 4-Methylphenol

8.813min (-0.009) 20.39ng/ul m 11/03/20 JU

response 70608

Ion	Exp%	Act%
108.00	100	100
107.00	99.20	121.23#
0.00	0.00	0.00
0.00	0.00	0.00

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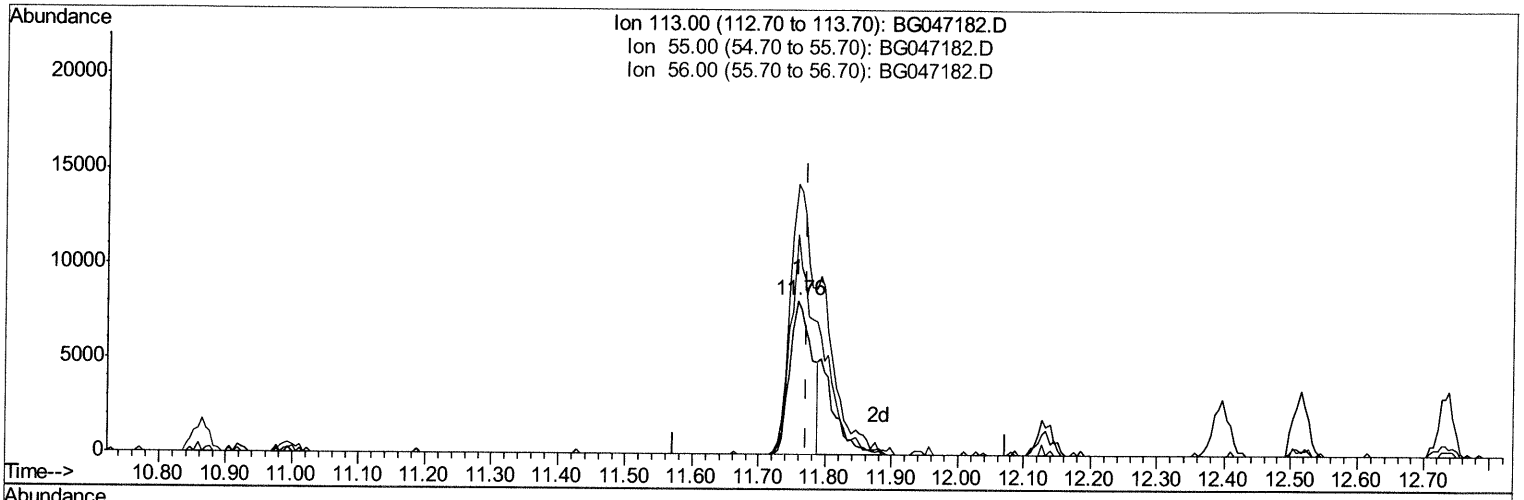

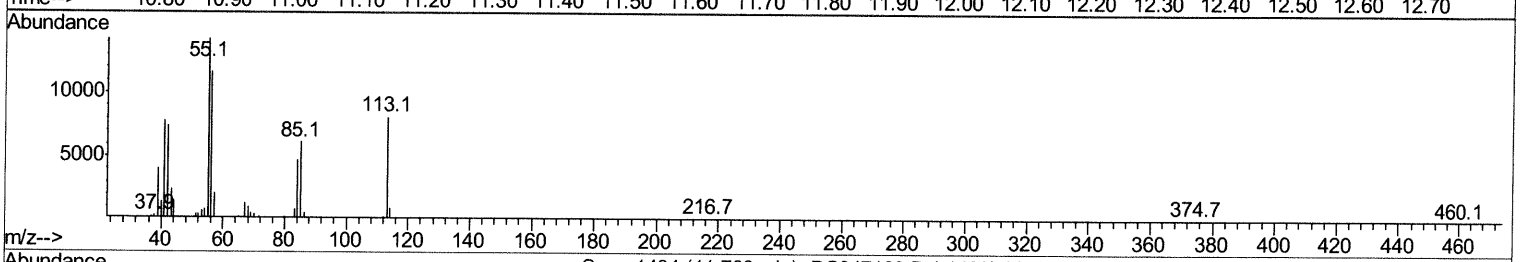

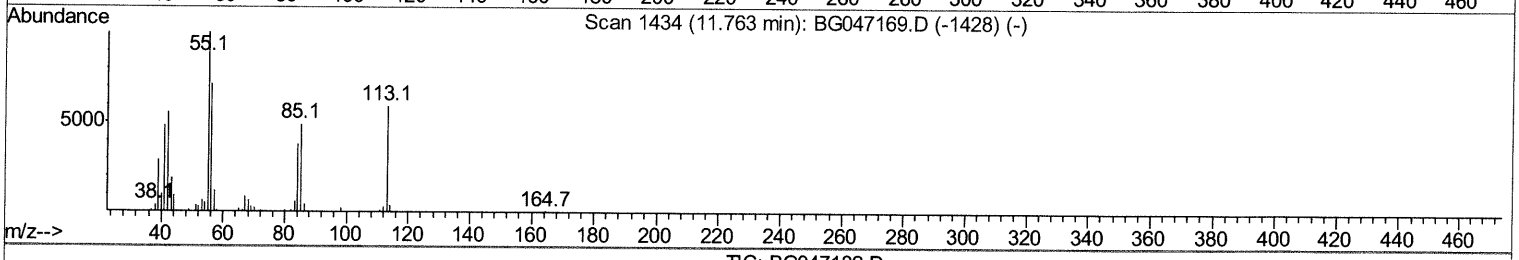

TIC: BG047182.D

(32) Caprolactam

11.757min (-0.015) 14.25ng/ul

response 18675

Ion	Exp%	Act%
113.00	100	100
55.00	179.90	175.47
56.00	122.70	142.97
0.00	0.00	0.00

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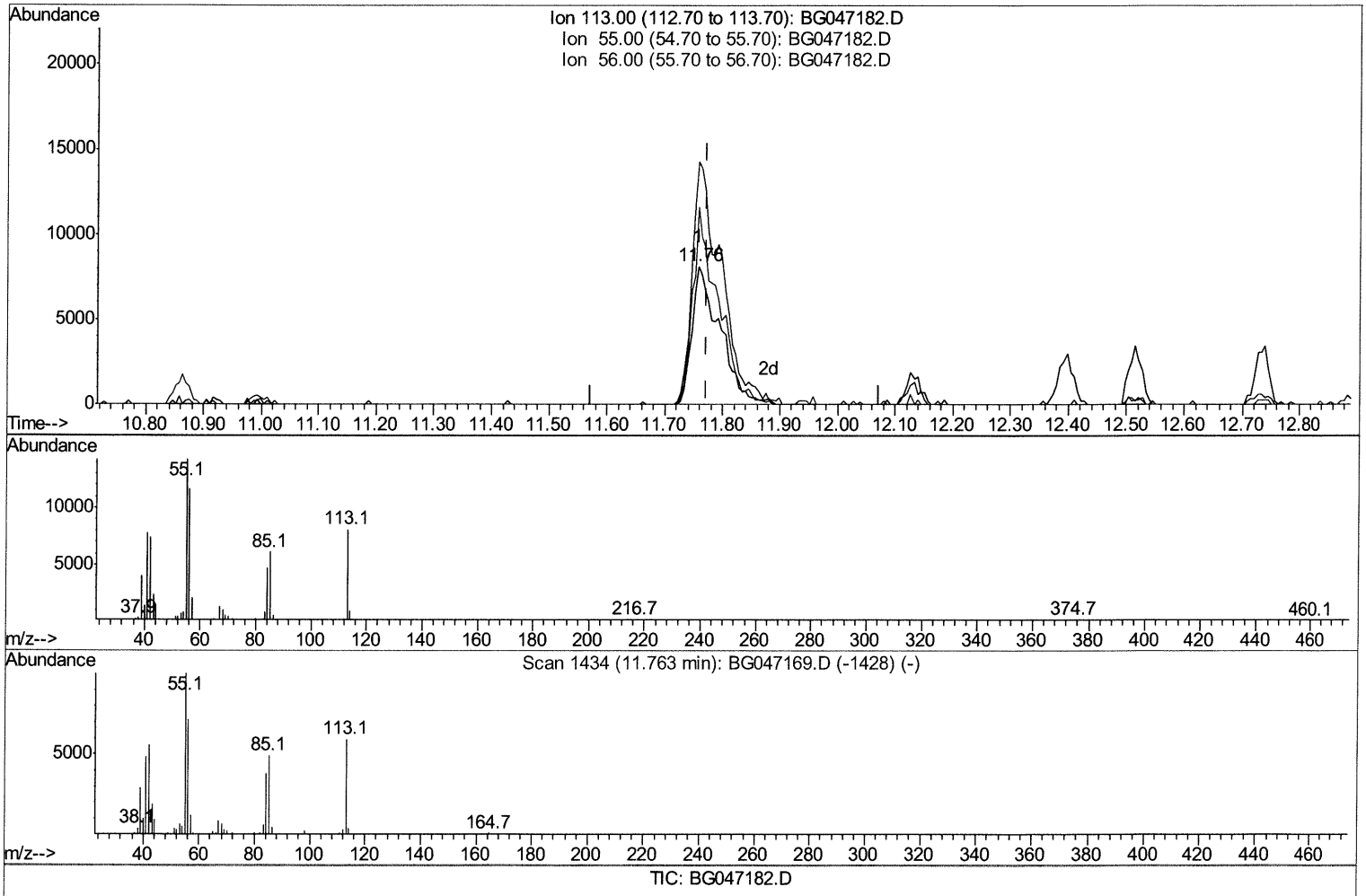

TIC: BG047182.D

(32) Caprolactam

11.757min (-0.015) 20.86ng/ul m 11/03/20 JU

response 27337

Ion	Exp%	Act%
113.00	100	100
55.00	179.90	175.47
56.00	122.70	142.97
0.00	0.00	0.00

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	50764	20.00	ng/ul	0.00
18) Naphthalene-d8	10.86	136	213464	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.68	164	162362	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.43	188	428132	20.00	ng/ul	0.00
78) Chrysene-d12	21.70	240	451273	20.00	ng/ul	0.00
86) Perylene-d12	24.92	264	461953	20.00	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.46	96	9124	7.25	ng/uL	0.00
5) Phenol-d5	7.20	99	88786	20.15	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.37	67	51823	20.45	ng/ul	0.00
9) 2-Chlorophenol-d4	7.58	132	66229	19.33	ng/ul	0.00
13) 4-Methylphenol-d8	8.75	113	72487	20.62	ng/ul	0.00
19) Nitrobenzene-d5	9.21	128	34491	19.28	ng/ul	0.00
22) 2-Nitrophenol-d4	9.94	143	39197	18.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.48	165	78497	19.25	ng/ul	0.00
29) 4-Chloroaniline-d4	10.99	131	81115	23.32	ng/ul	0.00
44) Dimethylphthalate-d6	14.08	166	249823	18.71	ng/ul	0.00
47) Acenaphthylene-d8	14.38	160	301525	19.09	ng/ul	0.00
52) 4-Nitrophenol-d4	14.87	143	39933	19.00	ng/ul	0.00
58) Fluorene-d10	15.67	176	247032	19.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.79	200	55037	18.64	ng/ul	0.00
71) Anthracene-d10	17.53	188	411248	19.82	ng/ul	0.00
79) Pyrene-d10	19.81	212	501929	19.50	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.71	264	491292	19.35	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.50	88	10656	7.897	ng/uL	86
4) Benzaldehyde	7.19	77	51970	17.780	ng/ul	96
6) Phenol	7.23	94	88009	20.469	ng/ul	89
8) Bis(2-Chloroethyl)ether	7.46	93	66995	19.884	ng/ul	95
10) 2-Chlorophenol	7.61	128	68525	20.139	ng/ul	93
11) 2-Methylphenol	8.48	108	67966	20.612	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	8.58	45	101387	20.252	ng/ul	97
14) Acetophenone	8.87	105	108652	20.234	ng/ul	92
15) N-Nitroso-di-n-propylamine	8.85	70	59266	20.398	ng/ul	95
16) 4-Methylphenol	8.81	108	70608m	> 20.387	ng/ul	> 11/03/20 JU
17) Hexachloroethane	9.14	117	30890	19.680	ng/ul	95
20) Nitrobenzene	9.25	77	90236	18.678	ng/ul	96
21) Isophorone	9.78	82	165335	19.002	ng/ul	98
23) 2-Nitrophenol	9.97	139	41959	19.575	ng/ul	93
24) 2,4-Dimethylphenol	10.02	107	82617	18.960	ng/ul	93
25) Bis(2-Chloroethoxy)methane	10.26	93	91608	18.658	ng/ul	99
27) 2,4-Dichlorophenol	10.51	162	75220	19.555	ng/ul	96
28) Naphthalene	10.92	128	228109	19.022	ng/ul	99
30) 4-Chloroaniline	11.02	127	79138	23.924	ng/ul	92
31) Hexachlorobutadiene	11.20	225	62840	18.621	ng/ul	96
32) Caprolactam	11.76	113	27337m	> 20.861	ng/ul	> 11/03/20 JU
33) 4-Chloro-3-methylphenol	12.13	107	78596	19.874	ng/ul	96
34) 2-Methylnaphthalene	12.51	142	169387	19.798	ng/ul	98

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Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
35) 1-Methylnaphthalene	12.73	142	197528	19.703	ng/uL	99
37) 1,2,4,5-Tetrachlorobenzene	12.88	216	117256	18.541	ng/ul	97
38) Hexachlorocyclopentadiene	12.86	237	67791	17.096	ng/ul	97
39) 2,4,6-Trichlorophenol	13.12	196	71692	18.592	ng/ul	93
40) 2,4,5-Trichlorophenol	13.18	196	75752	19.170	ng/ul	93
41) 1,1'-Biphenyl	13.52	154	240312	18.760	ng/ul	97
42) 2-Chloronaphthalene	13.56	162	191490	18.534	ng/ul	99
43) 2-Nitroaniline	13.75	65	60115	19.351	ng/ul	94
45) Dimethylphthalate	14.13	163	256289	19.130	ng/ul	99
46) 2,6-Dinitrotoluene	14.25	165	53990	18.619	ng/ul	97
48) Acenaphthylene	14.41	152	288873	19.551	ng/ul	99
49) 3-Nitroaniline	14.58	138	39447	20.823	ng/ul#	77
50) Acenaphthene	14.75	153	204451	19.125	ng/ul	98
51) 2,4-Dinitrophenol	14.79	184	30960	20.652	ng/ul	92
53) 4-Nitrophenol	14.88	109	46289	21.541	ng/ul	97
54) Dibenzofuran	15.08	168	306221	19.684	ng/ul	99
55) 2,4-Dinitrotoluene	15.04	165	80817	20.290	ng/ul	99
56) 2,3,4,6-Tetrachlorophenol	15.31	232	80557	19.416	ng/ul#	89
57) Diethylphthalate	15.49	149	258511	19.253	ng/ul	98
59) Fluorene	15.73	166	254525	19.932	ng/ul	90
60) 4-Chlorophenyl-phenylether	15.72	204	145387	19.844	ng/ul	96
61) 4-Nitroaniline	15.74	138	45589	20.770	ng/ul	96
64) 4,6-Dinitro-2-methylphenol	15.81	198	56558	18.581	ng/ul	95
65) N-Nitrosodiphenylamine	15.93	169	224512	18.144	ng/ul	98
66) 4-Bromophenyl-phenylether	16.62	248	106518	18.756	ng/ul	97
67) Hexachlorobenzene	16.73	284	117890	19.613	ng/ul	96
68) Atrazine	16.87	200	105334	19.725	ng/ul	95
69) Pentachlorophenol	17.07	266	60119	17.538	ng/ul	98
70) Phenanthrene	17.47	178	469604	19.557	ng/ul	99
72) Anthracene	17.56	178	472007	19.560	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.48	216	121542	16.900	ng/uL	97
74) Pentachlorobenzene	15.00	250	123368	17.891	ng/uL	98
75) Carbazole	17.83	167	379114	20.452	ng/ul	98
76) Di-n-butylphthalate	18.38	149	486173	19.659	ng/ul	100
77) Fluoranthene	19.48	202	613858	21.240	ng/ul	99
80) Pyrene	19.84	202	604501	19.575	ng/ul	97
81) Butylbenzylphthalate	20.72	149	220304	19.421	ng/ul	96
82) 3,3'-Dichlorobenzidine	21.59	252	184700	22.367	ng/ul	99
83) Benzo(a)anthracene	21.67	228	604204	19.764	ng/ul	98
84) Bis(2-ethylhexyl)phthalate	21.57	149	318621	20.249	ng/ul	100
85) Chrysene	21.75	228	577253	19.626	ng/ul	98
87) Di-n-octyl phthalate	22.79	149	531214	20.542	ng/ul	100
88) Benzo(b)fluoranthene	23.90	252	601765	19.610	ng/ul	98
89) Benzo(k)fluoranthene	23.97	252	590613	19.863	ng/ul	99
91) Benzo(a)pyrene	24.77	252	542148	19.620	ng/ul	98
92) Indeno(1,2,3-cd)pyrene	28.60	276	654311	19.053	ng/ul	96
93) Dibenzo(a,h)anthracene	28.67	278	533679	19.159	ng/ul	94
94) Benzo(g,h,i)perylene	29.75	276	547222	19.066	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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