Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP102521\
Data File : BP007671.D
Acq On : 26 Oct 2021 08:57
Operator : CG/JU
Sample : PB140163BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Oct 26 09:25:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP102521.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Oct 25 16:57:16 2021
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SLCS163

Manual Integrations APPROVED
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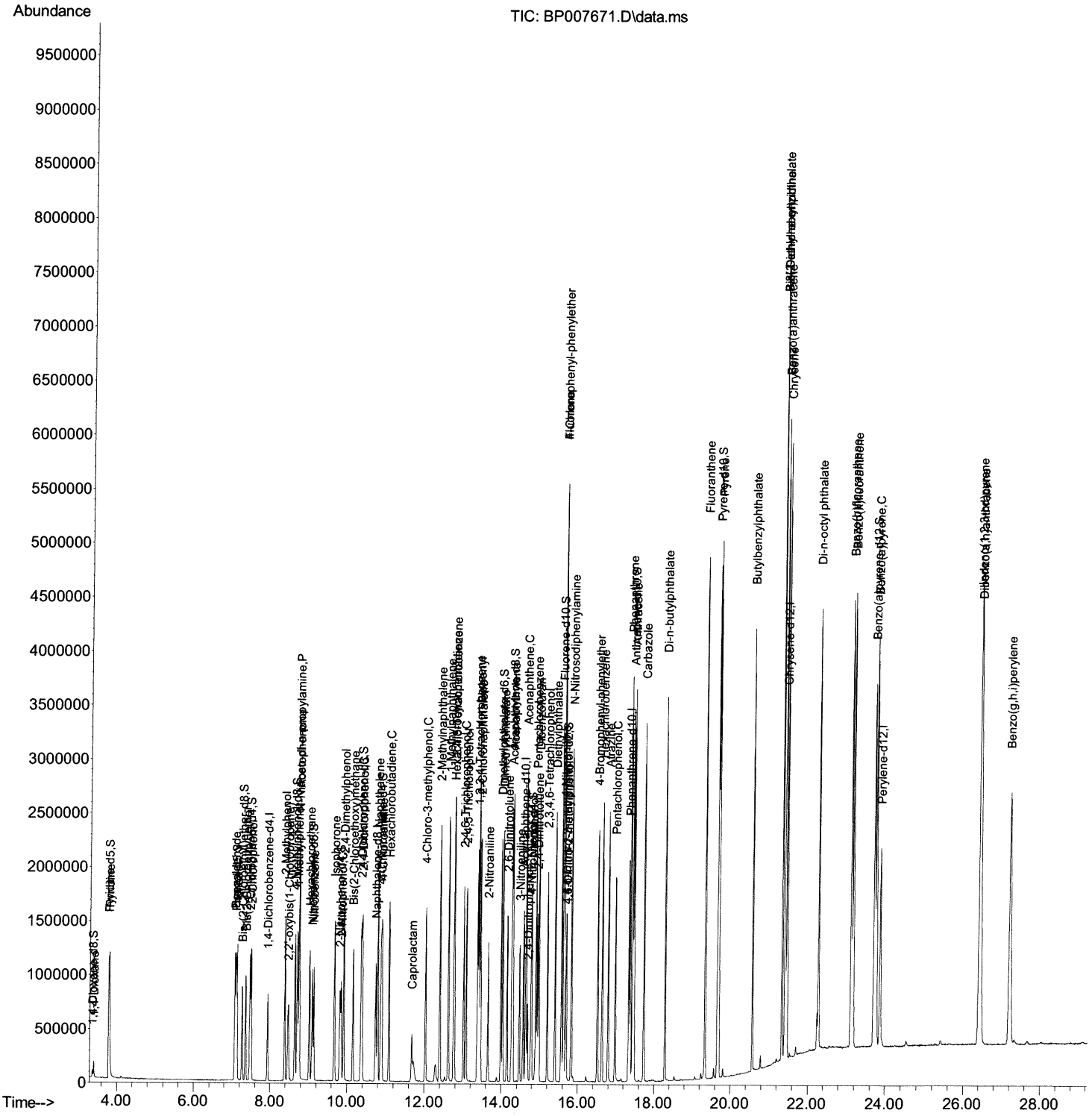

Quantitation Report (Qedit)

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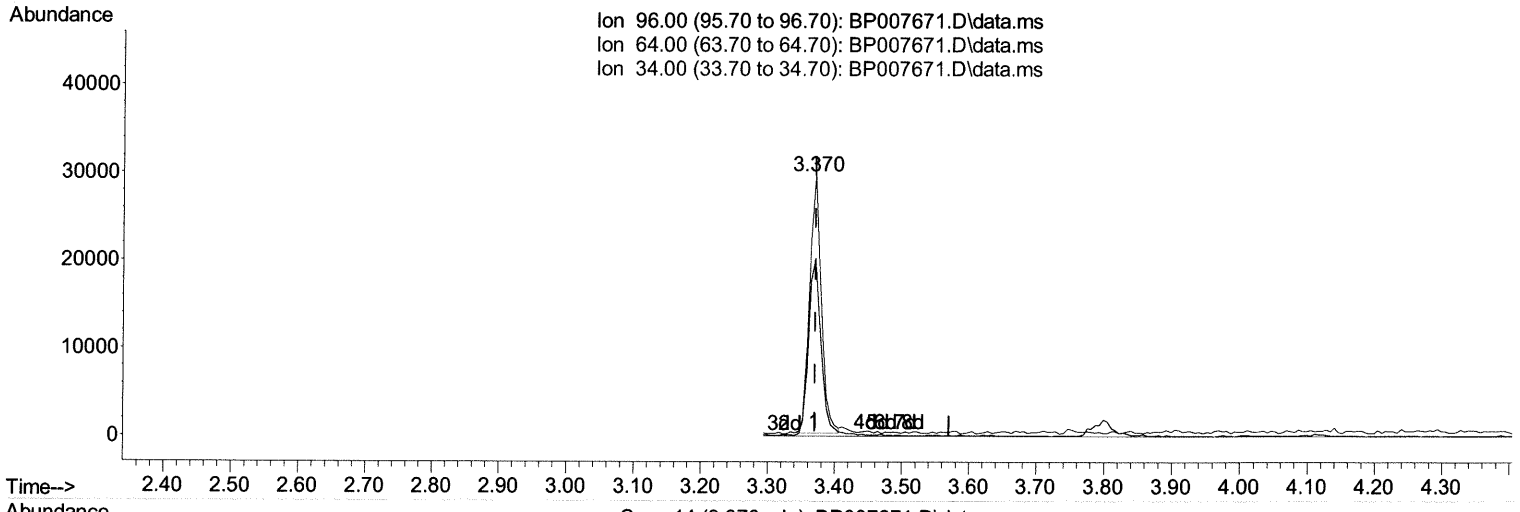

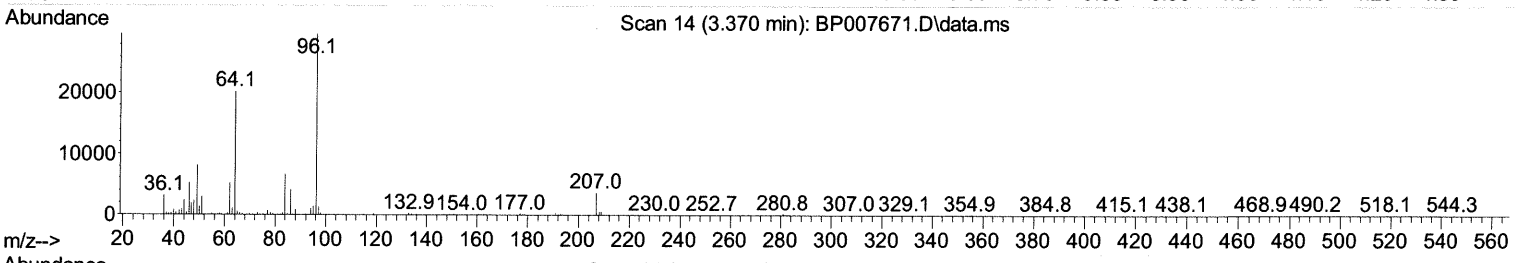

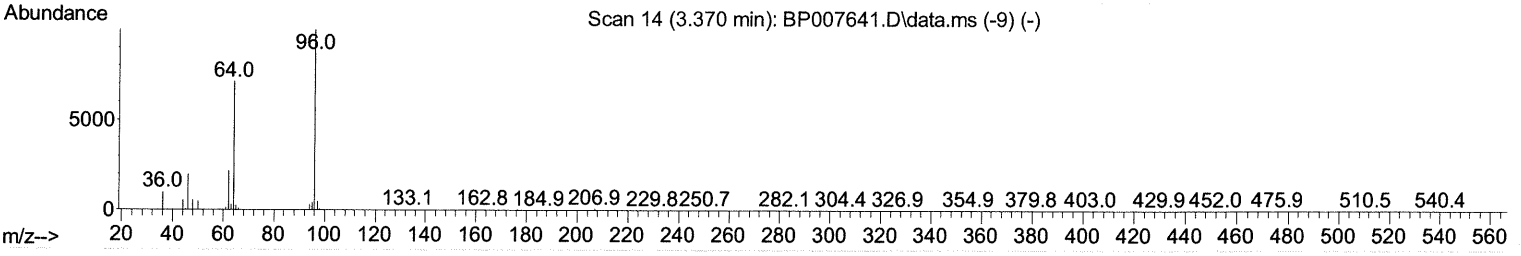

TIC: BP007671.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.370min (-0.000) 7.15 ng/uL

response 35446

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	69.20	68.22
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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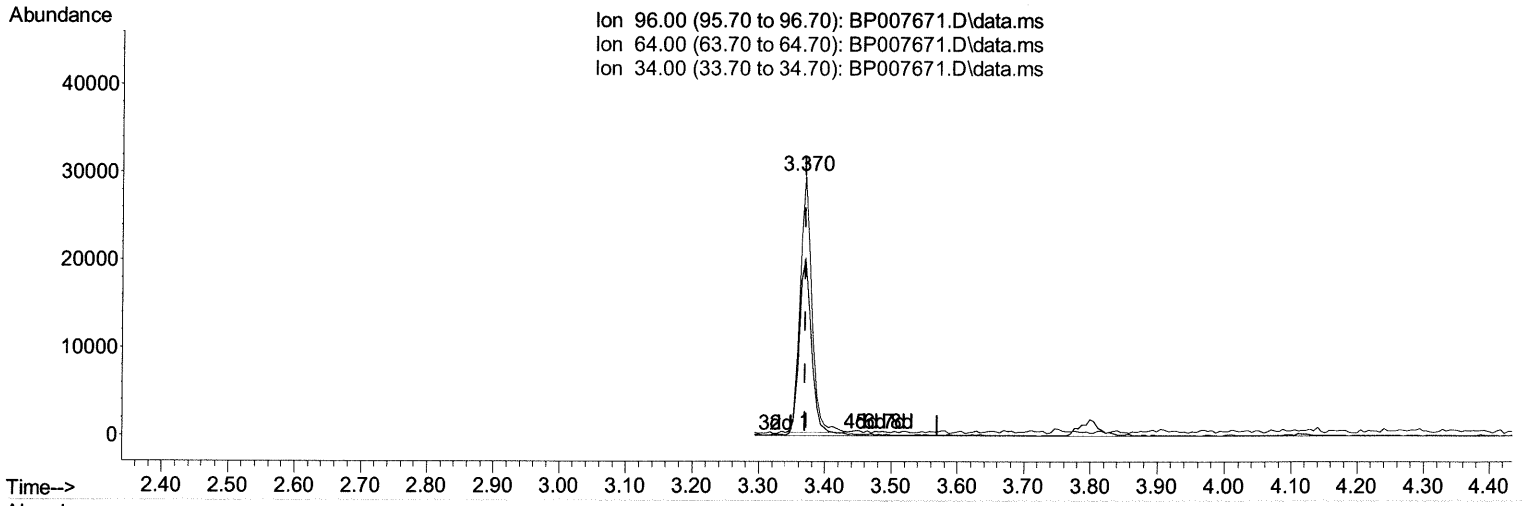

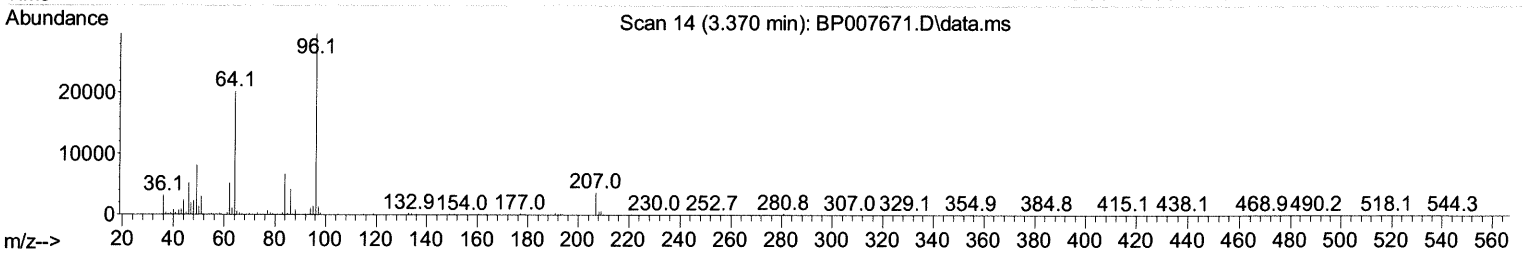

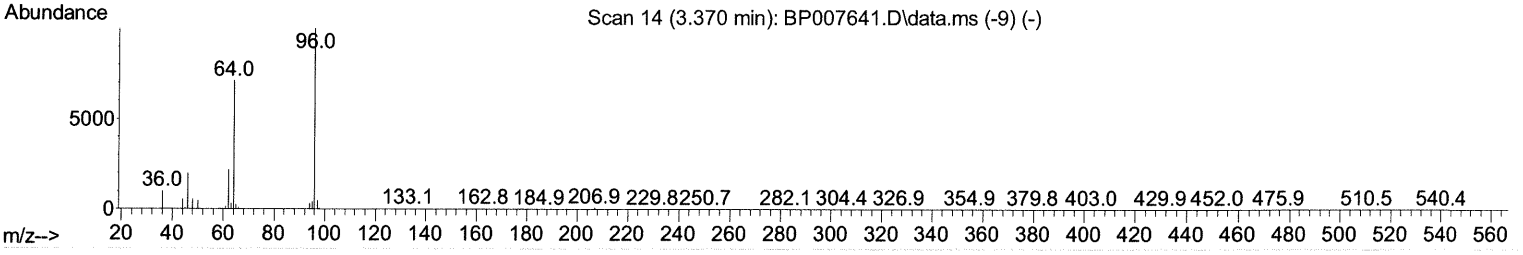

TIC: BP007671.D\data.ms

(3) 1,4-Dioxane-d8 (S)

3.370min (-0.000) 7.33 ng/uL m 10/27/21 JU

response 36335

Ion	Exp%	Act%
96.00	100.00	100.00
64.00	69.20	68.22
34.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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Sample : PB140163BS
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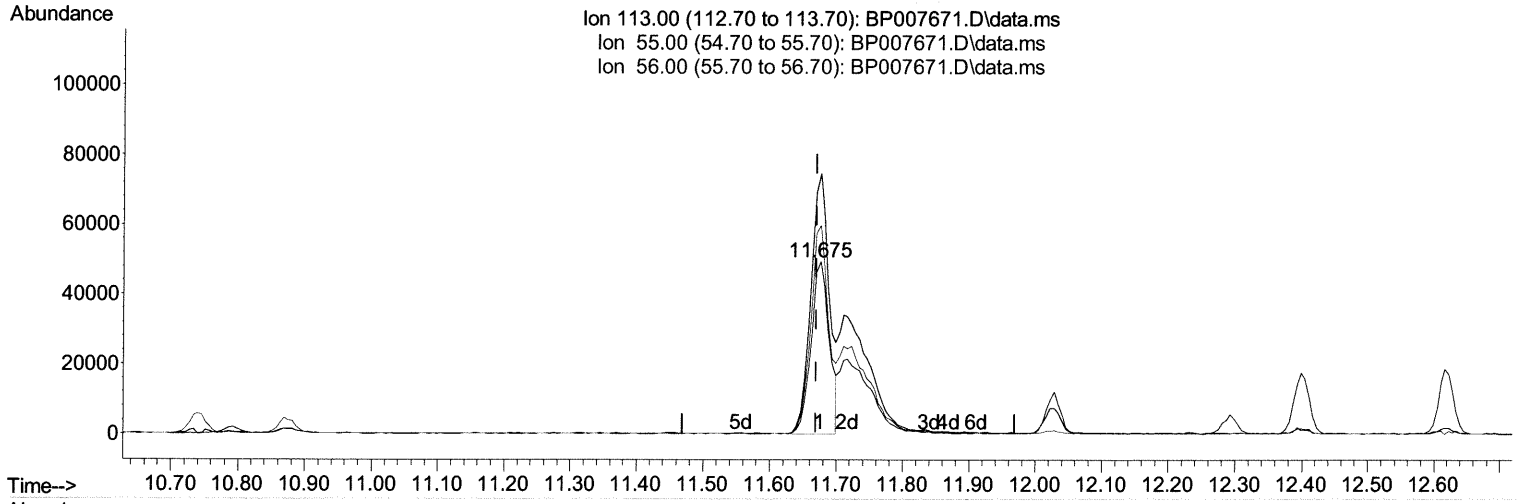

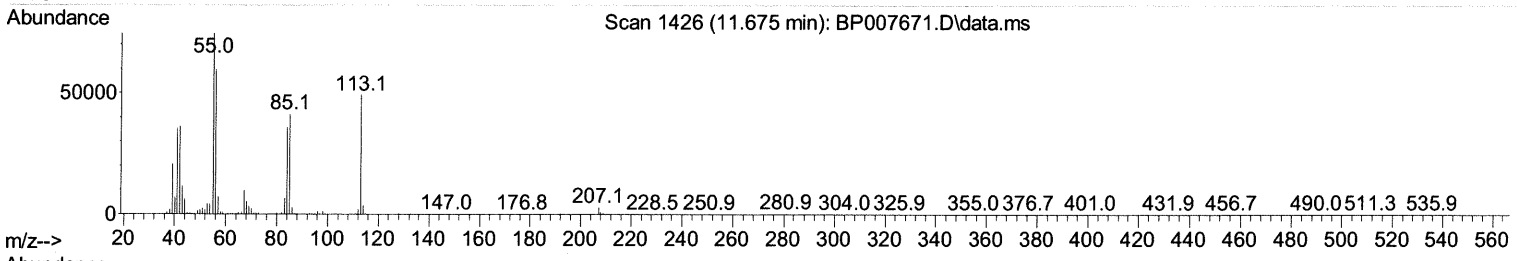

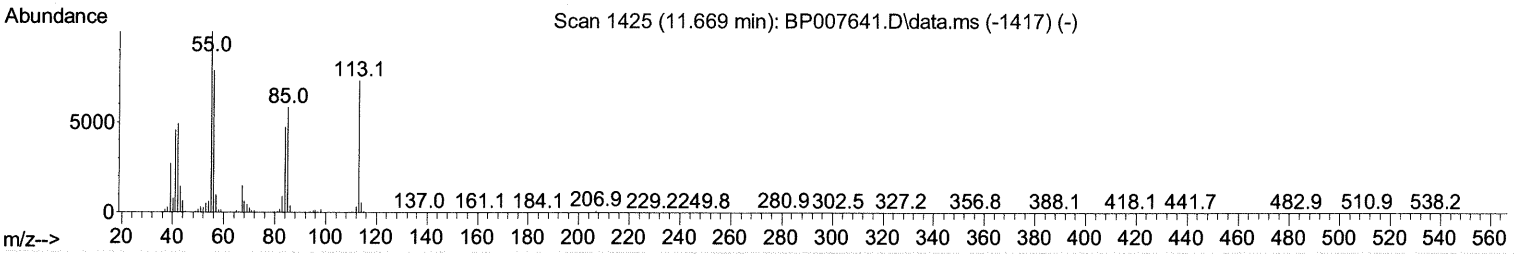

TIC: BP007671.D\data.ms

(34) Caprolactam

11.675min (+ 0.006) 21.56 ng/ul

response 94439

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	151.38
56.00	120.30	121.23
0.00	0.00	0.00

Quantitation Report (Qedit)

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Operator : CG/JU
Sample : PB140163BS
Misc :
ALS Vial : 29 Sample Multiplier: 1

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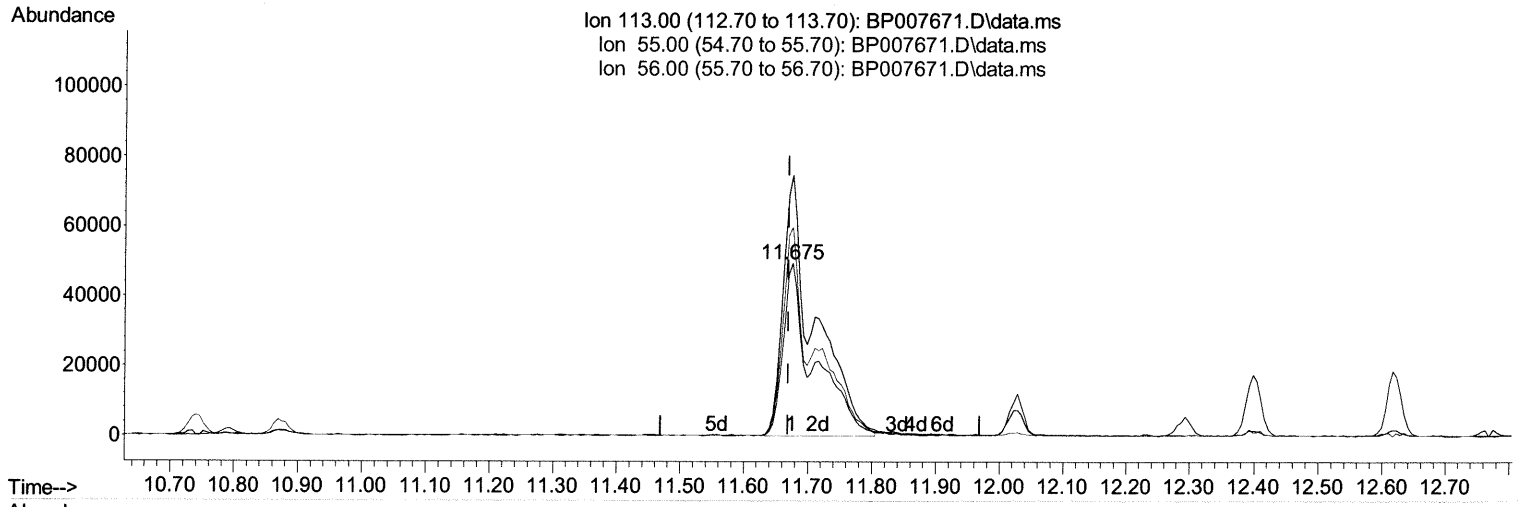

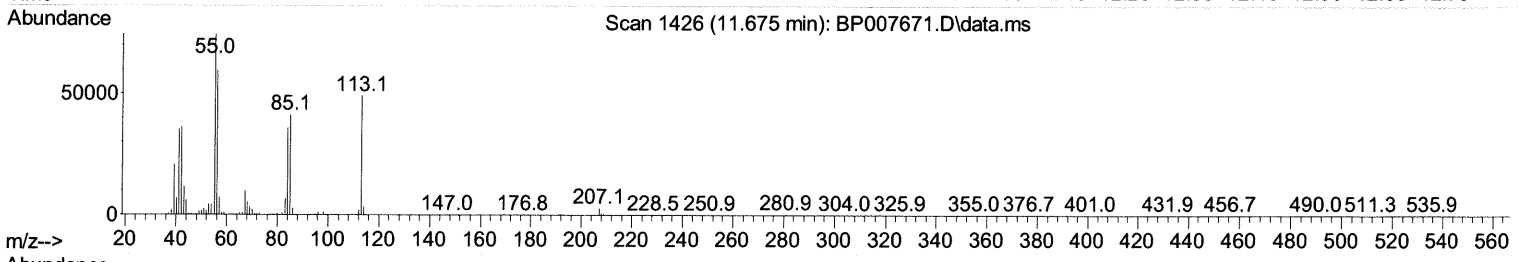

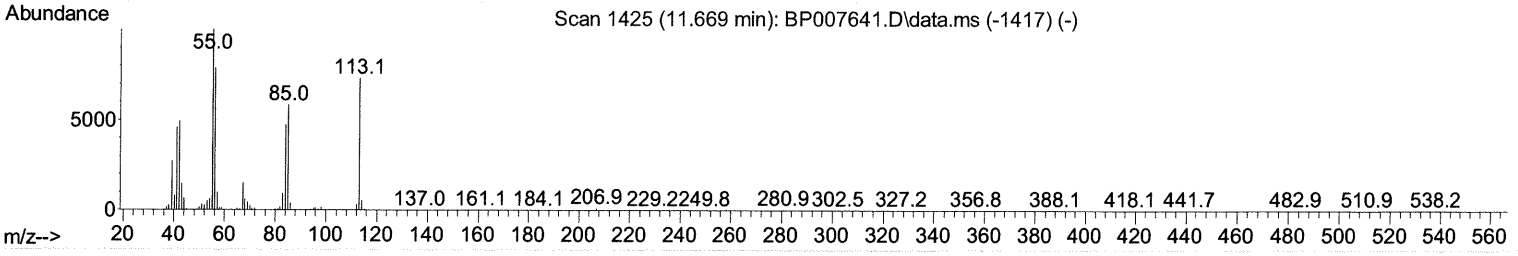

TIC: BP007671.D\data.ms

(34) Caprolactam

11.675min (+ 0.006) 37.41 ng/ul m 10/27/21 JU

response 163909

Ion	Exp%	Act%
113.00	100.00	100.00
55.00	162.60	151.38
56.00	120.30	121.23
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	7.934	152	225317	20.000	ng/ul	0.00
20) Naphthalene-d8	10.740	136	900173	20.000	ng/ul	0.00
38) Acenaphthene-d10	14.575	164	577336	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.328	188	1232321	20.000	ng/ul	0.00
79) Chrysene-d12	21.422	240	1302829	20.000	ng/ul	0.00
88) Perylene-d12	23.869	264	1420907	20.000	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.370	96	36335m	7.325	ng/uL	0.00
4) Pyridine-d5	3.781	84	552284	36.820	ng/ul	0.00
7) Phenol-d5	7.099	99	666707	38.957	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	7.264	67	379006	39.888	ng/ul	0.00
11) 2-Chlorophenol-d4	7.469	132	536380	40.297	ng/ul	0.00
15) 4-Methylphenol-d8	8.652	113	526741	39.306	ng/ul	0.00
21) Nitrobenzene-d5	9.093	128	255718	41.686	ng/ul	0.00
24) 2-Nitrophenol-d4	9.816	143	280133	41.811	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.363	165	543140	39.826	ng/ul	0.00
31) 4-Chloroaniline-d4	10.875	131	664746	36.864	ng/ul	0.00
46) Dimethylphthalate-d6	13.987	166	1541854	39.426	ng/ul	0.00
49) Acenaphthylene-d8	14.269	160	1882588	39.276	ng/ul	0.00
54) 4-Nitrophenol-d4	14.769	143	288661	40.268	ng/ul	0.00
60) Fluorene-d10	15.569	176	1290382	39.140	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.687	200	246045	37.326	ng/ul	0.00
73) Anthracene-d10	17.428	188	1996602	39.425	ng/ul	0.00
81) Pyrene-d10	19.663	212	2494072	41.119	ng/ul	0.00
92) Benzo(a)pyrene-d12	23.710	264	2681764	38.420	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.405	88	76361	13.770	ng/uL	91
5) Pyridine	3.799	79	538039	36.619	ng/ul	96
6) Benzaldehyde	7.069	77	394028	47.892	ng/ul	95
8) Phenol	7.128	94	675497	39.066	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.358	93	534026	39.175	ng/ul	98
12) 2-Chlorophenol	7.499	128	540881	40.083	ng/ul	97
13) 2-Methylphenol	8.381	108	508709	38.947	ng/ul	100
14) 2,2'-oxybis(1-Chloropr...	8.475	45	618285	39.932	ng/ul	97
16) Acetophenone	8.758	105	764848	38.242	ng/ul	98
17) N-Nitroso-di-n-propyla...	8.752	70	378006	39.737	ng/ul	94
18) 4-Methylphenol	8.711	108	542326	38.935	ng/ul	100
19) Hexachloroethane	9.022	117	218132	39.499	ng/ul	91
22) Nitrobenzene	9.134	77	584383	40.373	ng/ul	97
23) Isophorone	9.669	82	1092769	39.465	ng/ul	98
25) 2-Nitrophenol	9.852	139	298649	41.414	ng/ul	95
26) 2,4-Dimethylphenol	9.916	107	587618	38.273	ng/ul	98
27) Bis(2-Chloroethoxy)met...	10.152	93	694127	39.104	ng/ul	99
29) 2,4-Dichlorophenol	10.387	162	526452	39.402	ng/ul	98
30) Naphthalene	10.793	128	1602443	37.707	ng/ul	99
32) 4-Chloroaniline	10.899	127	656097	35.746	ng/ul	100
33) Hexachlorobutadiene	11.087	225	369234	37.905	ng/ul	99
34) Caprolactam	11.675	113	163909m	37.414	ng/ul	98
35) 4-Chloro-3-methylphenol	12.028	107	559024	40.414	ng/ul	98

10/27/21 JU

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Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 2-Methylnaphthalene	12.399	142	1111573	38.046	ng/ul	99
37) 1-Methylnaphthalene	12.616	142	1128924	38.268	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.769	216	667410	38.111	ng/ul	98
40) Hexachlorocyclopentadiene	12.757	237	379305	33.399	ng/ul	98
41) 2,4,6-Trichlorophenol	13.010	196	436569	39.621	ng/ul	98
42) 2,4,5-Trichlorophenol	13.081	196	477753	40.269	ng/ul	97
43) 1,1'-Biphenyl	13.410	154	1511649	37.901	ng/ul	99
44) 2-Chloronaphthalene	13.451	162	1162410	37.609	ng/ul	99
45) 2-Nitroaniline	13.651	65	331519	42.515	ng/ul	94
47) Dimethylphthalate	14.034	163	1491356	38.582	ng/ul	100
48) 2,6-Dinitrotoluene	14.146	165	313713	42.492	ng/ul	93
50) Acenaphthylene	14.293	152	1859649	38.321	ng/ul	100
51) 3-Nitroaniline	14.475	138	312826	39.950	ng/ul#	95
52) Acenaphthene	14.640	153	1202033	37.557	ng/ul	100
53) 2,4-Dinitrophenol	14.681	184	161413	35.028	ng/ul	96
55) 4-Nitrophenol	14.787	109	243342	38.398	ng/ul	92
56) Dibenzofuran	14.975	168	1757133	37.556	ng/ul	99
57) 2,4-Dinitrotoluene	14.934	165	443862	41.861	ng/ul	93
58) 2,3,4,6-Tetrachlorophenol	15.198	232	394508	40.794	ng/ul	97
59) Diethylphthalate	15.404	149	1475819	38.930	ng/ul	99
61) Fluorene	15.622	166	1369358	37.549	ng/ul	98
62) 4-Chlorophenyl-phenyle...	15.622	204	720673	37.263	ng/ul	99
63) 4-Nitroaniline	15.640	138	314976	43.328	ng/ul	95
66) 4,6-Dinitro-2-methylph...	15.704	198	246456	37.145	ng/ul	96
67) N-Nitrosodiphenylamine	15.834	169	1216943	38.277	ng/ul	98
68) 4-Bromophenyl-phenylether	16.516	248	473189	39.380	ng/ul	95
69) Hexachlorobenzene	16.634	284	536244	38.538	ng/ul	98
70) Atrazine	16.792	200	488060	37.023	ng/ul	98
71) Pentachlorophenol	16.981	266	333317	38.572	ng/ul	99
72) Phenanthrene	17.369	178	2293065	38.498	ng/ul	99
74) Anthracene	17.463	178	2252471	38.020	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.375	216	671621	37.277	ng/uL	99
76) Pentachlorobenzene	14.898	250	635885	36.601	ng/uL	98
77) Carbazole	17.734	167	2094116	38.288	ng/ul	100
78) Di-n-butylphthalate	18.292	149	2508031	40.053	ng/ul	99
80) Fluoranthene	19.339	202	2883776	38.793	ng/ul	96
82) Pyrene	19.692	202	2880682	38.288	ng/ul	96
83) Butylbenzylphthalate	20.569	149	1188362	40.594	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.333	252	966658	40.035	ng/ul#	98
85) Benzo(a)anthracene	21.404	228	2995479	38.718	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.333	149	1715878	39.446	ng/ul	99
87) Chrysene	21.457	228	2904203	38.825	ng/ul	99
89) Di-n-octyl phthalate	22.275	149	3104401	39.222	ng/ul	100
90) Benzo(b)fluoranthene	23.122	252	3339792	39.890	ng/ul	98
91) Benzo(k)fluoranthene	23.169	252	3054570	38.986	ng/ul	98
93) Benzo(a)pyrene	23.763	252	3178803	39.187	ng/ul	98
94) Indeno(1,2,3-cd)pyrene	26.427	276	3890428	40.263	ng/ul	99
95) Dibenzo(a,h)anthracene	26.451	278	3302669	39.886	ng/ul	98
96) Benzo(g,h,i)perylene	27.210	276	3317385	40.365	ng/ul	96

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